

Research Publications 2007

Research Branch

Faculty of Sciences

School of Agriculture, Food and WineBooks

Book Chapters

- Gilliam M 2007. Membrane structure and the study of solute transport across plant membranes. in (eds) Plant Solute Transport, 47-74, Oxford, UK: Blackwell Publishers Inc. ISBN 978-14051-3995-3
<http://digital.library.adelaide.edu.au/dspace/handle/2440/40818>
- Graham RD; Welch RM; Saunders DA; Ortiz-Monasterio I; Bouis HE; Bonierbale M; de Haan S; Burgos G; Thiele G; Liria R; Meisner CA; Beebe SE; Potts MJ; Kadian M; Hobbs PR; Gupta RP & Twomlow S 2007. Nutritious subsistence food systems. in (eds) Advances In Agronomy, 2-75, USA: Elsevier Ltd. ISBN 978-0-12-373686-4
<http://digital.library.adelaide.edu.au/dspace/handle/2440/46346>
- Hiendleder SG 2007. Mitochondrial DNA Inheritance after SCNT. in P Sutovsky (eds) Advances in experimental medicine and biology: somatic cell nuclear transfer, 103-116, LLC, 233 Spring St, New York, New York 10013, USA: Springer. ISBN 0-387-37753-0 <http://digital.library.adelaide.edu.au/dspace/handle/2440/35517>
- Johnson AAT; Yu S & Tester MA 2007. Activation tagging systems in rice. in (eds) Rice Functional Genomics - Challenges, Progress and Prospects, 333-353, USA: Springer. ISBN 978-0-387-48903-2
<http://digital.library.adelaide.edu.au/dspace/handle/2440/36500>
- Kowalchuk GA; Austin JJ; Gooding PS & Stephen J 2007. Valid Recovery of Nucleic Acid Sequence Information from High Contamination Risk Samples - Ancient DNA and Environmental DNA. in (eds) Perspectives In Bioanalysis - Volume 2 - New High Throughput Technologies For DNA Sequencing And Genomics, 357-372, The Netherlands: Elsevier Ltd. ISBN 978-0-444-52223-8 <http://digital.library.adelaide.edu.au/dspace/handle/2440/45614>
- Leong SL 2007. Wine and fungi - implications of vineyard infections. in (eds) Food Mycology - A Multifaceted Approach to Fungi and Food, 303-318, USA: Taylor & Francis. ISBN 978-0-8493-9818-6
<http://digital.library.adelaide.edu.au/dspace/handle/2440/46144>
- Umberger WJ 2007. Beef Quality, Beef Demand, and Consumer Preferences. in (eds) Handbook of Beef Safety and Quality, 187-213, Binghamton, NY, USA: Haworth Press Inc, the. ISBN 1-56022-323-5
- Van Wettere WHE & Hughes PE 2007. Gilt management, oocyte quality and embryo survival. in (eds) Paradigms in Pig Science, 329-358, Nottingham, UK: Nottingham University Press. ISBN 978-1-904761-56-3
<http://digital.library.adelaide.edu.au/dspace/handle/2440/46843>

Journal Articles

- Able JA; Langridge P & Milligan AS 2007. Capturing diversity in the cereals: many options but little promiscuity. Trends in Plant Science. 12 (2): 71-79.
- Adcock DP; McNeill AM; McDonald GK & Armstrong RD 2007. Subsoil constraints to crop production on neutral and alkaline soils in south-eastern Australia: a review of current knowledge and management strategies. Australian Journal of Experimental Agriculture. 47 (11): 1245-1261.
- Afolayan RA; Pitchford WS; Deland MPB & McKiernan WA 2007. Breed variation and genetic parameters for growth and body development in diverse beef cattle genotypes. Animal. 1 (1): 13-20.
- Aguiar AP & Jennings JT 2007. New Caledonia as the centre of origin of *Parastephanellus* Enderlein, with a phylogeny and description of the female of *P-khogis* Aguiar (Hymenoptera, Stephanidae). Zootaxa. (1576): 15-24.
- Ansari-Renani HR; Hynd PI & Aghajanzadeh A 2007. Fleece phenotype influences susceptibility to cortisol-induced follicle shutdown in Merino sheep. Asian-Australasian Journal of Animal Sciences. 20 (11): 1761-1769.
- Asenstorfer RE & Jones G 2007. Charge equilibria and pK values of 5-carboxypyranomalvidin-3-glucoside (vitisin A) by electrophoresis and absorption spectroscopy. Tetrahedron. 63 (22): 4788-4792.
- Astorga MA; Gardner JM; McBryde CM; Schmid F; Walker ME & Jiranek V 2007. Optimisation of industrial strains of *Saccharomyces cerevisiae* using recombinant and non-recombinant methods. Microbiology Australia. : 62-63.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/45010>

- Avery TD; Greatrex BW; Taylor DK & Tiekink ERT 2007. (+)-(1R,2S,3R)-2-[(Benzyloxycarbonyl)methyl]-3-phenylcyclopropanecarboxylic acid. *Acta Crystallographica Section E-Structure Reports Online*. 63 Part 7 (O3344): WWW 1-WWW 10.
- Baker J; Hidayat I & Preston C 2007. Molecular tools for understanding distribution and spread of weed genotypes. *Crop Protection*. 26 (3): 198-205. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42967>
- Balali GR; Neate SM; Kasalkheh AM; Stodart BJ; Melanson DL & Scott ES 2007. Intraspecific variation of *Rhizoctonia solani* AG 3 isolates recovered from potato fields in Central Iran and South Australia. *Mycopathologia*. 163 (2): 105-115.
- Biddulph TB; Plummer JA; Setter TL & Mares DJ 2007. Influence of high temperature and terminal moisture stress on dormancy in wheat (*Triticum aestivum* L.). *Field Crops Research*. 103 (2): 139-153.
- Bindon KA; Dry PR & Loveys B 2007. Influence of plant water status on the production of C-13-norisoprenoid precursors in *Vitis vinifera* L. Cv. Cabernet Sauvignon grape berries. *Journal of Agricultural and Food Chemistry*. 55 (11): 4493-4500.
- Boden SA; Shadiac NB; Tucker EJ; Langridge P & Able JA 2007. Expression and functional analysis of TaASY1 during meiosis of bread wheat (*Triticum aestivum*). *BMC Molecular Biology*. 8 (65): 1-14.
- Bramley H; Turner DW; Tyerman SD & Turner NC 2007. Water flow in the roots of crop species: The influence of root structure, aquaporin activity, and waterlogging. *Advances in Agronomy*. 96: 133-196.
- Bramley H; Turner NC; Turner DW & Tyerman SD 2007. Comparison between gradient-dependent hydraulic conductivities of roots using the root pressure probe: the role of pressure propagations and implications for the relative roles of parallel radial pathways. *Plant Cell and Environment*. 30 (7): 861-874.
- Brown SL; Stockdale VJ; Pettolina F; Pocock KF; Lopes M; Williams PJ; Bacic A; Fincher GB & Waters EJ 2007. Reducing haziness in white wine by overexpression of *Saccharomyces cerevisiae* genes YOL155c and YDR055w. *Applied Microbiology and Biotechnology*. 73 (6): 1363-1376. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44308>
- Bruwer JdW & Li CME 2007. Wine-related lifestyle (WRL) Market segmentation: Demographic and behavioural factors. *Journal of Wine Research*. 18 (1): 19-34.
- Burgos G; Amoros W; Morote M; Stangoulis JCR & Bonierbale M 2007. Iron and zinc concentration of native Andean potato cultivars from a human nutrition perspective. *Journal of the Science of Food and Agriculture*. 87 (4): 668-675.
- Byrt CS; Platten JD; Spielmeyer W; James RA; Lagudah ES; Dennis ES; Tester MA & Munns RE 2007. HKT1;5-like cation transporters linked to Na⁺ exclusion loci in wheat, *Nax2* and *Kna1*. *Plant Physiology*. 143 (4): 1918-1928. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43534>
- Chauhan BS; Gill GS & Preston C 2007. Effect of seeding systems and dinitroaniline herbicides on emergence and control of rigid ryegrass (*Lolium rigidum*) in wheat. *Weed Technology*. 21 (1): 53-58.
- Chauhan BS; Gill GS & Preston C 2007. Timing and dose of metolachlor affect rigid ryegrass (*Lolium rigidum*) control in wheat. *Weed Technology*. 21 (1): 225-229.
- Chen Z; Pottosin II; Cuin TA; Fuglsang AT; Tester MA; Jha DK; Zepeda-Jazo I; Zhou M; Palmgren MG; Newman I & Shabala S 2007. Root plasma membrane transporters controlling K⁺/Na⁺ homeostasis in salt-stressed barley. *Plant Physiology*. 145 (4): 1714-1725.
- Choi E; Graham RD & Stangoulis JCR 2007. Semi-quantitative analysis for selecting Fe- and Zn-dense genotypes of staple food crops. *Journal of Food Composition and Analysis*. 20 (6): 496-505.
- Choi E; Kolesik P; McNeill AM; Collins HM; Zhang Q; Huynh BL; Graham RD & Stangoulis JCR 2007. The mechanism of boron tolerance for maintenance of root growth in barley (*Hordeum vulgare* L.). *Plant Cell and Environment*. 30 (8): 984-993.
- Collins NC; Niks RE & Schulze-Lefert P 2007. Resistance to cereal rusts at the plant cell wall-what can we learn from other host-pathogen systems?. *Australian Journal of Agricultural Research*. 58: 476-789. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43536>
- Cuthbert JA; Taylor DK & Tiekink ERT 2007. (+)-(5S)-5-[(1S)-2-Benzoyl-1-hydroxyethyl]-1,2,3,4-tetrahydrofuran-2-one. *Acta Crystallographica Section E-Structure Reports Online*. 63 Part 7 (O3349): WWW 1-WWW 11.
- Davenport R; Munoz-Mayor A; Jha DK; Essah PA; Rus A & Tester MA 2007. The Na⁺ transporter AtHKT1;1 controls retrieval of Na⁺ from the xylem in *Arabidopsis*. *Plant Cell and Environment*. 30 (4): 497-507. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44446>
- de Souza EM; Pedrosa Fd'O; Wasseem R; Ford CM & Yates MG 2007. Genes involved in Sec-independent membrane targeting of hydrogenase in *Azotobacter chroococcum*. *Research in Microbiology*. 158 (3): 272-278.
- DeBolt S; Melino VJ & Ford CM 2007. Ascorbate as a biosynthetic precursor in plants. *Annals of Botany*. 99 (1): 3-8. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42964>

- Denton MD; Hill CR; Bellotti WD & Coventry DR 2007. Nodulation of *Medicago truncatula* and *Medicago polymorpha* in two pastures of contrasting soil pH and rhizobial populations. *Applied Soil Ecology*. 35 (2): 441-448. <http://digital.library.adelaide.edu.au/dspace/handle/2440/40724>
- Drew D; Lunde C; Lahnstein J & Fincher GB 2007. Heterologous expression of cDNAs encoding monodehydroascorbate reductases from the moss, *Physcomitrella patens* and characterization of the expressed enzymes. *Planta*. 225 (4): 945-954.
- Dundas IS; Anugrahwati DR; Verlin DC; Park RF; Bariana HS; Mago R & Islam AKM 2007. New sources of rust resistance from alien species: meliorating linked defects and discovery. *Australian Journal of Agricultural Research*. 58 (6): 545-549.
- Dunstan JA; Breckler L; Hale J; Lehmann H; Franklin P; Lyons GH; Ching SYL; Mori TA; Barden A & Prescott SL 2007. Supplementation with vitamins C, E, beta-carotene and selenium has no effect on anti-oxidant status and immune responses in allergic adults: a randomized controlled trial. *Clinical and Experimental Allergy*. 37 (2): 180-187. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43113>
- Evans KJ; Symon DE; Whalen MA; Hosking JR; Barker RM & Oliver JA 2007. Systematics of the *Rubus fruticosus* aggregate (Rosaceae) and other exotic *Rubus* taxa in Australia. *Australian Systematic Botany*. 20 (3): 187-251.
- Falcone A; Nelissen H; Fleury DL; Van Lijsebettens M & Bitoni MB 2007. Cytological investigations of the *Arabidopsis thaliana* *elo1* mutant give new insights into leaf lateral growth and *Elongator* function. *Annals of Botany*. 100 (2): 261-270.
- Forder REA; Howarth GS; Tivey DR & Hughes RJ 2007. Bacterial modulation of small intestinal goblet cells and mucin composition during early posthatch development of Poultry(1). *Poultry Science*. 86 (11): 2396-2403.
- Foster SD; Verbyla AP & Pitchford WS 2007. Incorporating LASSO effects into a mixed model for quantitative trait loci detection. *Journal of Agricultural Biological and Environmental Statistics*. 12 (2): 300-314.
- Franklin-McEvoy J; Bellotti WD & Revell DK 2007. Supplementary feeding with grain improves the performance of sheep grazing saltbush (*Atriplex nummularia*) in autumn. *Australian Journal of Experimental Agriculture*. 47 (8): 912-917.
- Gaines T; Preston C; Byrne P; Henry WB & Westra P 2007. Adventitious presence of herbicide resistant wheat in certified and farm-saved seed lots. *Crop Science*. 47 (2): 749-754.
- Gawel R; Francis IL & Waters EJ 2007. Statistical correlations between the in-mouth textural characteristics and the chemical composition of Shiraz wines. *Journal of Agricultural and Food Chemistry*. 55 (7): 2683-2687.
- Geier MS; Butler RN & Howarth GS 2007. Inflammatory bowel disease: Current insights into pathogenesis and new therapeutic options; probiotics, prebiotics and synbiotics. *International Journal of Food Microbiology*. 115: 1-11. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43752>
- Geier MS; Butler RN; Giffard PM & Howarth GS 2007. *Lactobacillus fermentum* BR11, a potential new probiotic, alleviates symptoms of colitis induced by dextran sulfate sodium (DSS) in rats. *International Journal of Food Microbiology*. 114 (3): 267-274. <http://digital.library.adelaide.edu.au/dspace/handle/2440/34729>
- Genc Y; Huang C & Langridge P 2007. A study of the role of root morphological traits in growth of barley in zinc-deficient soil. *Journal of Experimental Botany*. 58 (11): 2775-2784.
- Genc Y; McDonald GK & Tester MA 2007. Reassessment of tissue Na⁺ concentration as a criterion for salinity tolerance in bread wheat. *Plant Cell and Environment*. 30 (11): 1486-1498.
- Godfrey D; Able AJ & Dry IB 2007. Induction of a grapevine germin-like protein (*VvGLP3*) gene is closely linked to the site of *Erysiphe necator* infection: A possible role in defense?. *Molecular Plant-Microbe Interactions*. 20 (9): 1112-1125.
- Grbin PR; Herderich M; Markides AJ; Lee TH & Henschke PA 2007. The role of lysine amino nitrogen in the biosynthesis of mousy off-flavor compounds by *Dekkera anomala*. *Journal of Agricultural and Food Chemistry*. 55 (26): 10872-10879.
- Habili N; Kominek P & Little A 2007. Grapevine leafroll-associated virus 1 as a common grapevine pathogen. *Plant Viruses*. April: 63-68. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44915>
- Harris R; Clune TS; Peoples MB; Swan AD; Bellotti WD; Chen W & Norng S 2007. The importance of in-crop lucerne suppression and nitrogen for cereal companion crops in south-eastern Australia. *Field Crops Research*. 104 (1-3 SP Iss): 31-43.
- Harris R; Hirth J; Crawford MC; Bellotti WD; Peoples MB & Norng S 2007. Companion crop performance in the absence and presence of agronomic manipulation. *Australian Journal of Agricultural Research*. 58 (7): 690-701.
- Harvey AJ 2007. The role of oxygen in ruminant preimplantation embryo development and metabolism. *Animal Reproduction Science*. 98 (1-2): 113-128. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44321>
- Harvey AJ; Kind KL & Thompson JGE 2007. Regulation of gene expression in bovine Blastocysts in response to oxygen and the iron chelator desferrioxamine. *Biology of Reproduction*. 77 (1): 93-101.

- Haskard KA; Cullis B & Verbyla AP 2007. Anisotropic Matern correlation and spatial prediction using REML. *Journal of Agricultural Biological and Environmental Statistics*. 12 (2): 147-160.
- Hawkes JS; Makrides M; Robertson DM & Gibson RA 2007. Responses to immunisation with Hib conjugate vaccine in Australian breastfed and formula-fed infants. *Journal of Paediatrics and Child Health*. 43 (9): 597-600.
- Hayden MJ; Nguyen T; Waterman AJ; McMichael GL & Chalmers KJ 2007. Application of multiplex-ready PCR for fluorescence-based SSR genotyping in barley and wheat. *Molecular Breeding*. 21 (3): 271-281.
- Hayes MA; Davies C & Dry IB 2007. Isolation, functional characterization, and expression analysis of grapevine (*Vitis vinifera* L.) hexose transporters: Differential roles in sink and source tissues. *Journal of Experimental Botany*. 58 (8): 1985-1997.
- Hearnden PR; Eckermann PJ; McMichael GL; Hayden MJ; Eglinton JK & Chalmers KJ 2007. A genetic map of 1,000 SSR and DArT markers in a wide barley cross. *Theoretical and Applied Genetics*. 115 (3): 383-391.
- Henschke PA; Curtin C & Grbin PR 2007. Molecular characterisation of the wine spoilage yeast - *Dekkera* (*Brettanomyces*) *bruxellensis*. *Microbiology Australia*. : 76-78.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/43757>
- Hocking AD; Leong S-I; Kazi BA & Emmett RW 2007. Fungi and mycotoxins in vineyards and grape products. *International Journal of Food Microbiology*. 119 (1-2): 84-88.
- Hodge AM; English DR; O'Dea K; Sinclair AJ; Makrides M; Gibson RA & Giles GG 2007. Plasma phospholipid and dietary fatty acids as predictors of type 2 diabetes: interpreting the role of linoleic acid. *American Journal of Clinical Nutrition*. 86 (1): 189-197.
- Hogendoorn K; Coventry SA & Keller MA 2007. Foraging behaviour of a blue banded bee, *Amegilla chlorocyanea* in greenhouses: implications for use as tomato pollinators. *Apidologie*. 38 (1): 86-92.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/43756>
- Hosseini R; Keller MA; Schmidt O & Framenau VW 2007. Molecular identification of wolf spiders (Araneae : Lycosidae) by multiplex polymerase chain reaction. *Biological Control*. 40 (1): 128-135.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/43112>
- Hrmova M & Fincher GB 2007. Dissecting the catalytic mechanism of a plant beta-D-glucan glucohydrolase through structural biology using inhibitors and substrate analogues. *Carbohydrate Research*. 342 (12-13SI): 1613-1623.
- Hrmova M; Farkas V; Lahnstein J & Fincher GB 2007. A barley xyloglucan xyloglucosyl transferase covalently links xyloglucan, cellulosic substrates, and (1,3;1,4)-beta-D-glucans. *Journal of Biological Chemistry*. 282 (17): 12951-12962.
- Islam S; Malik AI; Islam AKM & Colmer TD 2007. Salt tolerance in a *Hordeum marinum*-*Triticum aestivum* amphiploid, and its parents. *Journal of Experimental Botany*. 58 (5): 1219-1229.
- Jacobs AK; Lunde C; Bacic A; Tester MA & Roessner U 2007. The impact of constitutive heterologous expression of a moss Na⁺ transporter on the metabolomes of rice and barley. *Metabolomics*. 3 (3): 307-317.
- Jahansooz MR; Yunusa IAM; Coventry DR; Palmer AR & Eamus D 2007. Radiation- and water-use associated with growth and yields of wheat and chickpea in sole and mixed crops. *European Journal of Agronomy*. 26 (3): 275-282.
- Johnson R & Bruwer JdW 2007. Regional brand image and perceived wine quality: The consumer perspective. *The International Journal of Wine Business Research*. 19 (4): 276-296.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/44444>
- Johnson R & Bruwer JdW 2007. The balancing act between regionality and American Viticultural Areas (AVAs). *Journal of Wine Research*. 18 (3): 163-174. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44566>
- Johnson TE & Bastian SEP 2007. A preliminary study of the relationship between Australian wine consumers' wine expertise and their wine purchasing and consumption behaviour. *Australian Journal of Grape and Wine Research*. 13 (3): 186-197.
- Jones CE; Brown AL & Baumann U 2007. Estimating the annotation error rate of curated GO database sequence annotations. *BMC Bioinformatics*. 8 (170): WWW 1-WWW 9.
- Joscelyne VL; Downey MO; Mazza M & Bastian SEP 2007. Partial shading of Cabernet Sauvignon and Shiraz vines altered wine color and mouthfeel attributes, but increased exposure had little impact. *Journal of Agricultural and Food Chemistry*. 55 (26): 10888-10896.
- Kantolic AG; Mercau JL; Slafer GA & Sadras VO 2007. Simulated yield advantages of extending post-flowering development at the expense of a shorter pre-flowering development in soybean. *Field Crops Research*. 101 (3): 321-330.
- Kapanen A; Stephen JR; Brueggemann J; Kiviranta A; White DC & Itävaara M 2007. Diethyl phthalate in compost: Ecotoxicological effects and response of the microbial community. *Chemosphere*. 67 (11): 2201-2209.

- Kimber RBE; Shtienberg D; Ramsey MD & Scott ES 2007. The role of seedling infection in epiphytotic of ascochyta blight on chickpea. *European Journal of Plant Pathology*. 117 (2): 141-152. <http://digital.library.adelaide.edu.au/dspace/handle/2440/32519>
- Kirana C; Jones GP; Record IR & McIntosh GH 2007. Anticancer properties of panduratin A isolated from *Boesenbergia pandurata* (Zingiberaceae). *Journal of Natural Medicines*. 61 (2): 131-137.
- Kleemann SGL & Gill GS 2007. Differential tolerance in wheat (*Triticum aestivum* L.) genotypes to metribuzin. *Australian Journal of Agricultural Research*. 58 (5): 452-456.
- Kleemann SGL; Chauhan BS & Gill GS 2007. Factors affecting seed germination of perennial wall rocket (*Diplotaxis tenuifolia*) in southern Australia. *Weed Science*. 55 (5): 481-485.
- Kolesik P; Woods B; Crowhurst M & Wirthensohn MG 2007. *Dasineura banksiae*: a new species of gall midge (Diptera : Cecidomyiidae) feeding on *Banksia coccinea* (Proteaceae) in Australia. *Australian Journal of Entomology*. 46 (1): 40-44. <http://digital.library.adelaide.edu.au/dspace/handle/2440/41823>
- Kollis KM; Phang CS; Banhazi T & Searle SJ 2007. Weight estimation using image analysis and statistical modelling: A preliminary study. *Applied Engineering in Agriculture*. 23 (1): 91-96.
- Korayem AM; Hauling T; Lesch C; Fabbri M; Lindgren M; Loseva O; Schmidt O; Dushay MS & Theopold UJ 2007. Evidence for an immune function of lepidopteran silk proteins. *Biochemical and Biophysical Research Communications*. 352 (2): 317-322. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42793>
- Kuchel H; Fox RL; Reinheimer JL; Mosionek L; Willey N; Bariana HS & Jefferies SP 2007. The successful application of a marker-assisted wheat breeding strategy. *Molecular Breeding*. 20 (4): 295-308.
- Kuchel H; Williams KJ; Langridge P; Eagles HA & Jefferies SP 2007. Genetic dissection of grain yield in bread wheat. II. QTL-by-environment interaction. *Theoretical and Applied Genetics*. 115 (7): 1015-1027.
- Kuchel H; Williams KJ; Langridge P; Eagles HA & Jefferies SP 2007. Genetic dissection of grain yield in bread wheat. I. QTL analysis. *Theoretical and Applied Genetics*. 115 (8): 1029-1041.
- Lardner R; Scott ES & Stummer BE 2007. Genetic variation in Australian isolates of the grapevine pathogen *Eutypa lata*. *Australasian Plant Pathology*. 36 (2): 149-156.
- Leong SL; Hien LT; An TV; Trang NT; Hocking AD & Scott ES 2007. Ochratoxin A-producing *Aspergilli* in Vietnamese green coffee beans. *Letters in Applied Microbiology*. 45 (3): 301-306.
- Leong SL; Hocking AD & Scott ES 2007. *Aspergillus* species producing ochratoxin A: isolation from vineyard soils and infection of Semillon bunches in Australia. *Journal of Applied Microbiology*. 102 (1): 124-133. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42792>
- Li D; Akbar Behjatnia SA; Dry IB; Randles JW; Eini Gandomani O & Rezaian MA 2007. Genomic regions of tomato leaf c virus DNA satellite required for replication and for satellite-mediated delivery of heterologous DNAs. *Journal of General Virology*. 88 (7): 2073-2077.
- Li D; Schellhorn NA & Schmidt O 2007. Detection of parasitism in diamondback moth, *Plutella xylostella* (L.), using differential melanization and coagulation reactions. *Bulletin of Entomological Research*. 97 (4): 399-405.
- Lloyd AH; Milligan AS; Langridge P & Able JA 2007. TaMSH7: A cereal mismatch repair gene that affects fertility in transgenic barley (*Hordeum vulgare* L.). *BMC Plant Biology*. 7 (67): WWW 1-WWW 9.
- Loureiro ML & Umberger WJ 2007. A choice experiment model for beef. What US consumer responses tell us about relative preferences for food safety, country-of-origin labeling and traceability. *Food Policy*. 32 (4): 496-514.
- Lu YQ; Baker J & Preston C 2007. The spread of resistance to acetolactate synthase inhibiting herbicides in a wind borne, self-pollinated weed species, *Lactuca serriola* L.. *Theoretical and Applied Genetics*. 115 (4): 443-450.
- Lunde C; Drew D; Jacobs AK & Tester MA 2007. Exclusion of Na⁺ via sodium ATPase (PpENA1) ensures normal growth of *Physcomitrella patens* under moderate salt stress. *Plant Physiology*. 144 (4): 1786-1796.
- Luo Q; Bellotti WD; Williams MAJ; Cooper IM & Bryan BA 2007. Risk analysis of possible impacts of climate change on South Australian wheat production. *Climatic Change*. 85 (1-2): 89-101.
- Makrides M & Gibson RA 2007. Marine oil supplements for pregnant women: Good for mum, good for baby?. *NeoReviews.org*. 8 (4): e152-e158. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44374>
- March TJ; Able JA; Schultz CJ & Able AJ 2007. A novel late embryogenesis abundant protein and peroxidase associated with black point in barley grains. *Proteomics*. 7 (20): 3800-3808.
- Matthews AH; Grbin PR & Jiranek V 2007. Biochemical characterisation of the esterase activities of wine lactic acid bacteria. *Applied Microbiology and Biotechnology*. 77 (2): 329-337.

- Matthews GO; Howarth GS & Butler RN 2007. Short-Chain Fatty Acid Modulation of Apoptosis in the Kato III Human Gastric Carcinoma Cell Line. *Cancer Biology & Therapy*. 6 (7): 1051-1057.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/37466>
- McDonald GK; Holloway KL & McMurray L 2007. Increasing plant density improves weed competition in lentil (*Lens culinaris*). *Australian Journal of Experimental Agriculture*. 47 (1): 48-56.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/42794>
- Metcalf RG; James MJ; Gibson RA; Edwards JR; Stubberfield J; Stuklis R; Roberts-Thomson KC; Young GD & Cleland LG 2007. Effects of fish-oil supplementation on myocardial fatty acids in humans. *American Journal of Clinical Nutrition*. 85 (5): 1222-1228.
- Millar M & Byrne MM 2007. Characterization of polymorphic microsatellite DNA markers for *Acacia saligna* (Labill.) HLWendl. (Mimosaceae). *Molecular Ecology Resources*. 7 (6): 1372-1374.
- Moller IS & Tester MA 2007. Salinity tolerance of *Arabidopsis*: A good model for cereals?. *Trends in Plant Science*. 12 (12): 534-540.
- Monzon JP; Sadras VO; Abbate PA & Caviglia OP 2007. Modelling management strategies for wheat-soybean double crops in the south-eastern Pampas. *Field Crops Research*. 101 (1): 44-52.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/42963>
- Morris CA; Cullen NG; Glass BC; Hyndman DL; Manley TR; Hickey SM; McEwan JC; Pitchford WS; Bottema CDK & Lee MAH 2007. Fatty acid synthase effects on bovine adipose fat and milk fat. *Mammalian Genome*. 18 (1): 64-74.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/43535>
- Nair RM; Peck DM; Rowe TD; Dundas IS & Dowling K 2007. Breeding system in *Trifolium glanduliferum* (Fabaceae). *New Zealand Journal of Agricultural Research*. 50 (4): 451-456.
- Nomura T; Ishizuka A; Kishida K; Islam AKM; Endo TR; Iwamura H & Ishihara A 2007. Chromosome arm location of the genes for the biosynthesis of hordatines in barley. *Genes & Genetic Systems*. 82 (6): 454-464.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/46178>
- Nordestgaard SJ; Chuan YP; O'Neill BK; Waters EJ; Deans L; Policki P & Colby CB 2007. In-line dosing of white wine for bentonite fining with centrifugal clarification. *American Journal of Enology and Viticulture*. 58 (2): 283-285.
- Oakey H; Verbyla AP; Cullis B; Wei X & Pitchford WS 2007. Joint modeling of additive and non-additive (genetic line) effects in multi-environment trials. *Theoretical and Applied Genetics*. 114 (8): 1319-1332.
- Olivares Villegas JJ; Reynolds MP & McDonald GK 2007. Drought-adaptive attributes in the Seri/Babax hexaploid wheat population. *Functional Plant Biology*. 34 (3): 189-203.
- Panozzo JF; Eckermann PJ; Mather DE; Moody DB; Black CK; Collins HM; Barr AR; Lim P & Cullis B 2007. QTL analysis of malting quality traits in two barley populations. *Australian Journal of Agricultural Research*. 58 (9): 858-866.
- Pitchford WS 2007. Improving accuracy of selection of young bulls by Pastoralists. *Livestock Science*. 110 (1-2): 141-147.
- Pocock KF; Alexander G; Hayasaka Y; Jones P & Waters EJ 2007. Sulfate - A candidate for the missing essential factor that is required for the formation of protein haze in white wine. *Journal of Agricultural and Food Chemistry*. 55 (5): 1799-1807.
- Portolesi R; Powell BC & Gibson RA 2007. Competition between 24:5n-3 and ALA for D6 desaturase may limit the accumulation of DHA in HepG2 cell membranes. *Journal of Lipid Research*. 48 (7): 1592-1598.
- Rahman MM; Roberts HLS & Schmidt O 2007. Factors affecting growth in the koinobiont endoparasitoid *Venturia canescens* in the flour moth *Ephestia kuehniella*. *Journal of Insect Physiology*. 53 (5): 463-467.
- Rahman MM; Roberts HLS & Schmidt O 2007. Tolerance to *Bacillus thuringiensis* endotoxin in immune-suppressed larvae of the flour moth *Ephestia kuehniella*. *Journal of Invertebrate Pathology*. 96 (2): 125-132.
- Rebbeck M; Lynch C; Hayman P & Sadras F 2007. Delving of sandy surfaced soils reduces frost damage in wheat crops. *Australian Journal of Agricultural Research*. 58 (2): 105-112.
- Reddall AA; Wilson LJ; Gregg PC & Sadras VO 2007. Photosynthetic response of cotton to spider mite damage: Interaction with light and compensatory mechanisms. *Crop Science*. 47 (5): 2047-2057.
- Ristic R; Downey MO; Iland PG; Bindon KA; Francis IL; Herderich M & Robinson SP 2007. Exclusion of sunlight from Shiraz grapes alters wine colour, tannin and sensory properties. *Australian Journal of Grape and Wine Research*. 13 (2): 53-65.
- Robinson AV; Taylor DK & Tiekink ERT 2007. (+)-(1R,2S,3S,4S)-2-Chloro-3-(phenylselanyl)cyclohexane-1,4-diol. *Acta Crystallographica Section E-Structure Reports Online*. 63 Part 7 (O3350): WWW 1-WWW 11.

- Robinson LH; Healy P; Stewart DC; Eglinton JK; Ford CM & Evans DE 2007. The identification of a barley haze active protein that influences beer haze stability: The genetic basis of a barley malt haze active protein. *Journal of Cereal Science*. 45 (3): 335-342.
- Robinson LH; Juttner JA; Milligan AS; Lahnstein J; Eglinton JK & Evans DE 2007. The identification of a barley haze active protein that influences beer haze stability: Cloning and characterisation of the barley SE protein as a barley trypsin inhibitor of the chloroform/methanol type. *Journal of Cereal Science*. 45 (3): 343-352.
- Rodriguez D & Sadras VO 2007. The limit to wheat water-use efficiency in eastern Australia. I. Gradients in the radiation environment and atmospheric demand. *Australian Journal of Agricultural Research*. 58 (4): 287-302.
- Rothwell J; Hynd PI; Brownlee A; Dolling M & Williams S 2007. Research into alternatives to mulesing. *Australian Veterinary Journal*. 85 (3): 94-97.
- Sadras VO 2007. Evolutionary aspects of the trade-off between seed size and number in crops. *Field Crops Research*. 100 (2-3): 125-138. <http://digital.library.adelaide.edu.au/dspace/handle/2440/45453>
- Sadras VO & Mc Carthy MG 2007. Quantifying the dynamics of sugar concentration in berries of *Vitis vinifera* cv. Shiraz: A novel approach based on allometric analysis. *Australian Journal of Grape and Wine Research*. 13 (2): 66-71.
- Sadras VO & Rodriguez D 2007. The limit to wheat water-use efficiency in eastern Australia. II. Influence of rainfall patterns. *Australian Journal of Agricultural Research*. 58 (7): 657-669.
- Sadras VO; Soar CJ & Petrie PR 2007. Quantification of time trends in vintage scores and their variability for major wine regions of Australia. *Australian Journal of Grape and Wine Research*. 13 (2): 117-123.
- Sadras VO; Stevens R; Pech JM; Taylor EJ; Nicholas P & McCarthy M 2007. Quantifying phenotypic plasticity of berry traits using an allometric-type approach: A case study on anthocyanins and sugars in berries of Cabernet Sauvignon. *Australian Journal of Grape and Wine Research*. 13 (2): 72-80.
- Saeed M; Zafar Y; Randles JW & Rezaian MA 2007. A monopartite begomovirus-associated DNA beta satellite substitutes for the DNA B of a bipartite begomovirus to permit systemic infection. *Journal of General Virology*. 88 Part 10: 2881-2889.
- Sarpeleh A; Wallwork H; Catcheside DEA; Tate ME & Able AJ 2007. Proteinaceous metabolites from *Pyrenophora teres* contribute to symptom development of barley net blotch. *Phytopathology*. 97 (8): 907-915.
- Schmid F; Li Y; Liebich BJ; Culbert JA; Day CJ & Jiranek V 2007. Evaluation of red wine made on a small scale utilizing frozen must. *Journal of Agricultural and Food Chemistry*. 55 (17): 7156-7161.
- Schnurbusch T; Collins NC; Eastwood RF; Sutton TJ; Jefferies SP & Langridge P 2007. Fine mapping and targeted SNP survey using rice-wheat gene colinearity in the region of the Bo1 boron toxicity tolerance locus of bread wheat. *Theoretical and Applied Genetics*. 115 (4): 451-461.
- Schreiber AW & Baumann U 2007. A framework for gene expression analysis. *Bioinformatics*. 23 (2): 191-197. <http://digital.library.adelaide.edu.au/dspace/handle/2440/23966>
- Sellick GS; Pitchford WS; Morris CA; Cullen NG; Crawford AM; Raadsma HW & Bottema CDK 2007. Effect of myostatin F94L on carcass yield in cattle. *Animal Genetics*. 38 (5): 440-446.
- Shi B; Miftahudin TS; Collins NC; Langridge P & Gustafson P 2007. Construction of a rye cv. Blanco BAC library, and progress towards cloning the rye Alt3 aluminium [aluminum] tolerance gene. *Vortraege fuer Pflanzenzuechtung*. n/a: 205-209. <http://digital.library.adelaide.edu.au/dspace/handle/2440/41396>
- Shi B; Symons RH & Palukaitis PF 2007. The cucumovirus 2b gene drives selection of inter-viral recombinants affecting the crossover site, the acceptor RNA and the rate of selection. *Nucleic Acids Research*. Dec: 1-15.
- Singh K; Ghai M; Garg M; Chhuneja P; Kaur P; Schnurbusch T; Keller B & Dhaliwal HS 2007. An integrated molecular linkage map of diploid wheat based on a *Triticum boeoticum* x *T. monococcum* RIL population. *Theoretical and Applied Genetics*. 115 (3): 301-312.
- Smithers LG; Gibson RA & Makrides M 2007. Long-chain polyunsaturated fatty acid (LCPUFA) supplementation for infants born preterm. *NeoReviews.org*. 8 (4): 143-151. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44375>
- Sosnowski MR; Lardner R; Wicks TJ & Scott ES 2007. The influence of grapevine cultivar and isolate of *Eutypa lata* on wood and foliar symptoms. *Plant Disease*. 91 (8): 924-931.
- Sosnowski MR; Shtienberg D; Creaser M; Wicks TJ; Lardner R & Scott ES 2007. The influence of climate on foliar symptoms of eutypa dieback in grapevines. *Phytopathology*. 97 (10): 1284-1289.
- Stangoulis JCR; Huynh BL; Welch RM; Choi E & Graham RD 2007. Quantitative trait loci for phytate in rice grain and their relationship with grain micronutrient content. *Euphytica*. 154 (3): 289-294.
- Stevens MI; Hogendoorn K & Schwarz MP 2007. Evolution of sociality by natural selection on variances in reproductive fitness: evidence from a social bee. *BMC Evolutionary Biology*. 7: 153-153.

- Stodart BJ; Harvey PR; Neate SM; Melanson DL & Scott ES 2007. Genetic variation and pathogenicity of anastomosis group 2 isolates of *Rhizoctonia solani* in Australia. *Mycological Research*. 111 (8): 891-900.
- Sutton TJ; Baumann U; Hayes JE; Collins NC; Shi B; Schnurbusch T; Hay AM; Mayo GM; Pallotta MA; Tester MA & Langridge P 2007. Boron-toxicity tolerance in barley arising from efflux transporter amplification. *Science*. 318 (5855): 1446-1449.
- Swiegers JH & Pretorius IS 2007. Modulation of volatile sulfur compounds by wine yeast. *Applied Microbiology and Biotechnology*. 74 (5): 954-960.
- Tan M; Preston C & Wang G 2007. Molecular basis of multiple resistance to ACCase-inhibiting and ALS-inhibiting herbicides in *Lolium rigidum*. *Weed Research*. 47 (6): 534-541.
- Taylor A; Branch S; Day MP; Patriarca M & White M 2007. Clinical and biological materials, foods and beverages. *Journal of Analytical Atomic Spectrometry*. 22 (4): 415-456.
- Taylor GS; Davies KA; Martin N & Crosby T 2007. First record of *Fergusonina* (Diptera: Fergusoninidae) and associated *Fergusobia* (Tylenchida: Neotylenchidae) forming galls on *Metrosideros* (Myrtaceae) from New Zealand. *Systematic Entomology*. 32 (3): 548-557.
- Thomas N; Tivey DR; Penno NM; Nattrass GS & Hynd PI 2007. Characterization of transport systems for cysteine, lysine, alanine, and leucine in wool follicles of sheep. *Journal of Animal Science*. 85 (9): 2205-2213.
- Toland A; Hebart ML; Penno NM & Hynd PI 2007. Perinatal wool follicle attrition coincides with elevated perinatal circulating cortisol concentration in Merino sheep. *Australian Journal of Agricultural Research*. 58 (7): 748-752.
- Tommasini L; Schnurbusch T; Fossati D; Mascher F & Keller B 2007. Association mapping of *Stagonospora nodorum* blotch resistance in modern European winter wheat varieties. *Theoretical and Applied Genetics*. 115 (5): 697-708. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43964>
- Torok VA & Randles JW 2007. Discriminating between isolates of PSbMV using nucleotide sequence polymorphisms in the HC-Pro coding region. *Plant Disease*. 91 (5): 490-496.
- Tran CD; Ball J; Sundar S; Coyle P & Howarth GS 2007. The Role of Zinc and Metallothionein in the Dextran Sulfate Sodium-Induced Colitis Mouse Model. *Digestive Diseases and Sciences*. 52 (9): 2113-2121.
- Van Wettere WHE; Pain SJ; Stott PG & Hughes PE 2007. Mixing gilts in early pregnancy does not affect embryo survival. *Animal Reproduction Science*. 104 (2-4): 382-388.
- Varshney RK; Langridge P & Graner A 2007. Application of Genomics to Molecular Breeding of Wheat and Barley. *Advances in Genetics Incorporating Molecular Genetic Medicine*. 58: 121-155.
- Varshney RK; Marcel TC; Ramsay L; Russell J; Roider MS; Stein N; Waugh R; Langridge P; Niks RE & Graner A 2007. A high density barley microsatellite consensus map with 775 SSR loci. *Theoretical and Applied Genetics*. 114 (6): 1091-1103.
- Verbyla AP; Cullis B & Thompson R 2007. The analysis of QTL by simultaneous use of the full linkage map. *Theoretical and Applied Genetics*. 116 (1): 95-111.
- Verbyla AP; Saint-Pierre C; Peterson CJ; Ross AS & Appels R 2007. Fourier modelling, analysis and interpretation of high-resolution mixograph data. *Journal of Cereal Science*. 46 (1): 11-21.
- Wakefield SL; Lane MT; Schulz SJ; Hebart ML; Thompson JGE & Mitchell M 2007. Maternal Supply of Omega 3 Polyunsaturated Fatty Acids Alter Mechanisms Involved In Oocyte and Early Embryo Development in the Mouse. *American Journal of Physiology-Endocrinology and Metabolism*. In Press: WWW 1-WWW 40.
- Walia US; Gill GS & Brar LS 2007. Studies on the competitive ability of wheat (*Triticum aestivum* L.) varieties with little canary grass (*Phalaris minor* Retz.). *Plant Protection Quarterly*. 22 (1): 11-13.
- Wasike CB; Indetie D; Pitchford WS; Ojango JMK & Kahi AK 2007. Genetic evaluation of growth of Kenya Boran cattle using random regression models. *Tropical Animal Health and Production*. 39 (7): 493-505.
- White TCR 2007. Resolving the limitation - regulation debate. *Ecological Research*. 22 (2): 354-357.
- White TCR 2007. Flooded forests: Death by drowning, not herbivory. *Journal of Vegetation Science*. 18 (1): 147-148.
- White TCR 2007. Mast seeding and mammal breeding: Can a bonanza food supply be anticipated?. *New Zealand Journal of Zoology*. 34 (3): 179-183.
- Ye W; Giblin-Davis RM; Davies KA; Purcell MF; Scheffer SJ; Taylor GS; Center TD; Morris K & Thomas WK 2007. Molecular phylogenetics and the evolution of host plant associations in the nematode genus *Fergusobia* (Tylenchida : Fergusobiinae). *Molecular Phylogenetics and Evolution*. 45 (1): 123-141.
- Zhang W; Patrick JW & Tyerman SD 2007. Actin filaments modulate hypoosmotic-responsive K⁺ efflux channels in specialised cells of developing bean seed coats. *Functional Plant Biology*. 34 (10): 874-884.

- Zhang W; Zhou Y; Dibley KE; Tyerman SD; Furbank RT & Patrick JW 2007. Review: Nutrient loading of developing seeds. *Functional Plant Biology*. 34 (4): 314-331.
- Zhou DJ; Baghurst PA; Gibson RA & Makrides M 2007. Home environment, not duration of breast-feeding, predicts intelligence quotient of children at four years. *Nutrition*. 23 (3): 236-241.
- Zhou DJ; Gibson RA & Makrides M 2007. Routine iron supplementation in pregnancy has no effect on iron status of children at six months and four years of age. *Journal of Pediatrics*. 151 (4): 438-440.
- Zhou Y; Setz N; Niemietz CM; Qu H; Offler CE; Tyerman SD & Patrick JW 2007. Aquaporins and unloading of phloem-imported water in coats of developing bean seeds. *Plant Cell and Environment*. 30 (12): 1566-1577.

Conference Publications

- Asenstorfer RE; Kumaratilake AR & Mares DJ 2007. An inhibitor study of the non-polyphenol oxidase darkening of yellow alkaline noodles. *Cereals 2006: 56th Australian Cereal Chemistry Conference / 2006 Indian Ocean Rim Symposium*, CL Blanchard (eds), 64-69. Fremantle, Western Australia. <http://digital.library.adelaide.edu.au/dspace/handle/2440/41041>
- Curnow RA; Brien F; Pitchford WS & Koopman DJ 2007. Response to selection method on visual traits in South Australian merino sheep. *17th AAAGB Conference*, - (eds), 107-110. Armidale, NSW.
- Gatford KL; De Blasio MJ; Harland ML; Roberts CT; Heinemann GK; Nottle MB; Ashman RJ; Kind KL; Van Wettene WHE; Pain SJ; Town S & Owens JA 2007. Effects of maternal somatotropin injections or feeding ractopamine in early-mid pregnancy in gilts and sows. *Manipulating Pig Production XI*, JE Paterson, JA Barker (eds), 1-1. Brisbane. <http://digital.library.adelaide.edu.au/dspace/handle/2440/45013>
- Low LL; Colby CB; O'Neill BK; Ford CM; Godden J & Gishen M 2007. Field testing of nanofiltration for tartrate stabilisation of wine at Berri Estates Winery. *CHEMECA 2007*, Martin Rhodes (eds), 1620-1628. Melbourne, Australia. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44921>
- Mirzaei HR; Deland MPB & Pitchford WS 2007. Describing variation in rump P8 fat depth of crossbred cattle from birth to slaughter. *17th AAAGB Conference*, - (eds), 557-560. Armidale, NSW.
- Morris CA; Cullen NG; Pitchford WS; Bottema CDK & Wilson T 2007. The AgResearch/University of Adelaide QTL study of carcass composition and meat quality traits in beef cattle. *17th AAAGB Conference*, - (eds), 219-222. Armidale, NSW.
- Mrva K & Mares DJ 2007. Influence of temperature on the expression of late maturity alpha amylase. *Cereals 2006: 56th Australian Cereal Chemistry Conference / 2006 Indian Ocean Rim Symposium*, CL Blanchard (eds), 21-24. Fremantle, Western Australia. <http://digital.library.adelaide.edu.au/dspace/handle/2440/41040>
- Oddy H; Dalrymple BP; McEwan JC; Kijas J; Hayes B; Van Der Werf JHJ; Emery D; Hynd PI; Longhurst T; Fischer T; Ferguson D; Forage RG; Cockett NE & Nicholas FW 2007. Sheepgenomics and the International Sheep Genomics Consortium. *17th AAAGB Conference*, - (eds), 411-417. Armidale, NSW.
- Pitchford WS; Esmailzadeh Koshkoihi A & Gilmour A 2007. Combining information across traits using a factor analytic model increases the power of QTL detection. *17th AAAGB Conference*, - (eds), 368-375. Armidale, NSW.
- Rathjen JR; Mares DJ & Strouinina EV 2007. Magnetic resonance micro-imaging of imbibing wheat grains. *56th Australian Cereal Chemistry Conference and Indian Ocean Rim Symposium (2006)*, CL Blanchard (eds), 16-19. Fremantle, Western Australia. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42965>
- Salt M; Jaksa MB; Cox JM & Lightbody PJ 2007. Water balance modelling for phytocovers and conventional final covers at landfill closure. *10th Australia New Zealand Conference on Geomechanics 2007*, Brett Taylor (eds), 392-397. Brisbane. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44724>
- Seet P; Graves CJ; Schnackenberg A; Gustafson P; Hadji M & Tan WL 2007. Knowledge and perception gaps between private equity and small-to-medium-sized family-owned enterprises (SMFES) - an exploratory study. *IEF 7th International Conference*, Professor Jay Mitra (eds), 1-14. Shanghai, China.
- Somogyi SA; Li CME; Johnson TE; Bruwer JdW & Bastian SEP 2007. An examination of the attitudes and behaviours of ethnic Chinese wine consumers: An exploratory study. *ANZMAC 2007*, Ken Deans (eds), 2032-2040. Dunedin, NZ. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44563>
- Soriano IR; Mares DJ & Graham RD 2007. Carotenoid content of rice and stability during storage. *56th Australian Cereal Chemistry Conference and Indian Ocean Rim Symposium (2006)*, CL Blanchard (eds), 293-297. Fremantle, Western Australia. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42966>

School of Chemistry and Physics

Journal Article

- Abbott B; Abbott R; Adhikari R; Agresti J; Ajith P; Allen B; Amin R; Anderson SB; Anderson WG; Arain M; Araya M; Armandula H; Ashley M; Aston S; Aufmuth P; Aulbert C; Babak S; Ballmer S; Bantilan H; Barish BC; Barker C; Barker D; Barr B; Barriga P; Barton MA; Bayer K; Belczynski K; Berukoff SJ; Betzweiser J; Beyersdorf PT; Bhawal B; Bilenko IA; Billingsley G; Biswas R; Black E; Blackburn K; Blackburn L; Blair D; Bland B; Bogenstahl J; Bogue L; Bork R; Boschi V; Bose S; Brady PR; Braginsky VB; Brau JE; Brinkmann M; Brooks AF; Brown DA; Bullington A; Bunkowski A; Buonanno A; Burmeister O; Busby D; Butler WE; Byer RL; Cadonati L; Cagnoli G; Camp JB; Cannizzo J; Cannon K; Cantley CA; Cao J; Cardenas L; Carter K; Casey MM; Castaldi G; Cepeda C; Chalkey E; Charlton P; Chatterji S; Chelkowski S; Chen Y; Chiadini F; Chin D; Chin EJ; Chow J; Christensen N; Clark J; Cochrane P; Cokelaer T; Colacino CN; Coldwell R; Coles M; Conte R; Cook D; Corbitt T; Coward D; Coyne D; Creighton JD E; Creighton TD; Croce RP; Crooks DR M; Cruise AM; Csatorday P; Cumming A; Cutler C; Dalrymple J; D'Ambrosio E; Danzmann K; Davies G; Daw E; DeBra D; Degallaix J; Degree M; Delker T; Demma T; Dergachev V; Desai S; DeSalvo R; Dhurandhar S; D'Yaz M; Dickson J; Di Credico A; Diederichs G; Dietz A; Ding H; Doomes EE; Drever RWP; Dumas JC; Dupuis RJ; Dwyer JG; Ehrens P; Espinoza E; Etzel T; Evans M; Evans T; Fairhurst S; Fan Y; Fazi D; Fejer MM; Finn LS; Fiumara V; Fotopoulos N; Franzen A; Franzen KY; Freise A; Frey R; Fricke T; Fritschel P; Frolov VV; Fyffe M; Galdi V; Ganezer K; Garofoli J; Gholami I; Giaime JA; Giampanis S; Giardina KD; Goda K; Goetz E; Goggin L; Gonz'alez G; Gossler S; Grant A; Gras S; Gray C; Gray MB; Greenhalgh J; Gretarsson AM; Grosso R; Grote H; Grunewald S; Guenther M; Gustafson R; Hage B; Hamilton WO; Hammer D; Hanna C; Hanson J; Harms J; Harry G; Harstad E; Hayler T; Heefner J; Heng IS; Heptonstall A; Heurs M; Hewitson M; Hild S; Hirose E; Hoak D; Hosken DJ; Hough J; Howell E; Hoyland D; Huttner SH; Ingram D; Innerhofer E; Ito M; Itoh Y; Ivanov A; Jackrel D; Jennrich O; Johnson B; Johnson WW; Johnston WR; Jones DI; Jones G; Jones R; Ju L; Kalmus P; Kalogera V; Kasprzyk D; Katsavounidis E; Kawabe K; Kawamura S; Kawazoe F; Kells W; Keppel DG; Khalili FY; Killow CJ; Kim C; King P; Kissel JS; Klimentko S; Kokeyama K; Kondrashov V; Koppurapu RK; Kozak D; Krishnan B; Kwee P; Lam PK; Landry M; Lantz B; Lazzarini A; Lee B; Lei M; Leiner J; Leonhardt V; Leonor I; Libbrecht K; ... 2007. Searches for periodic gravitational waves from unknown isolated sources and Scorpius X-1: Results from the second LIGO science run. *Physical Review. D. Particles, Fields, Gravitation and Cosmology.* 76 (8): 082001-1-082001-35.
- Abbott B; Abbott R; Adhikari R; Agresti J; Ajith P; Allen B; Amin R; Anderson SB; Anderson WG; Arain M; Araya M; Armandula H; Ashley M; Aston S; Aufmuth P; Aulbert C; Babak S; Ballmer S; Bantilan H; Barish BC; Barker C; Barker D; Barr B; Barriga P; Barton MA; Bayer K; Belczynski K; Betzweiser J; Beyersdorf PT; Bhawal B; Bilenko IA; Billingsley G; Biswas R; Black E; Blackburn K; Blackburn L; Blair D; Bland B; Bogenstahl J; Bogue L; Bork R; Boschi V; Bose S; Brady PR; Braginsky VB; Brau JE; Brinkmann M; Brooks AF; Brown DA; Bullington A; Bunkowski A; Buonanno A; Burgamy M; Busby D; Busby D; Byer RL; Cadonati L; Cagnoli G; Camp JB; Cannizzo J; Cannon K; Cantley CA; Cao J; Cardenas L; Casey MM; Castaldi G; Cepeda C; Chalkey E; Charlton P; Chatterji S; Chelkowski S; Chen Y; Chiadini F; Chin D; Chin EJ; Chow J; Christensen N; Clark J; Cochrane P; Cokelaer T; Colacino CN; Coldwell R; Conte R; Cook D; Corbitt T; Coward D; Coyne D; Creighton JD E; Creighton TD; Croce RP; Crooks DR M; Cruise AM; Cumming A; Dalrymple J; D'Ambrosio E; Danzmann K; Davies G; DeBra D; Degallaix J; Degree M; Demma T; Dergachev V; Desai S; DeSalvo R; Dhurandhar S; D'Yaz M; Dickson J; Di Credico A; Diederichs G; Dietz A; Doomes EE; Drever RWP; Dumas JC; Dupuis RJ; Dwyer JG; Ehrens P; Espinoza E; Etzel T; Evans M; Evans T; Fairhurst S; Fan Y; Fazi D; Fejer MM; Finn LS; Fiumara V; Fotopoulos N; Franzen A; Franzen KY; Freise A; Frey R; Fricke T; Fritschel P; Frolov VV; Fyffe M; Galdi V; Garofoli J; Gholami I; Giaime JA; Giampanis S; Giardina KD; Goda K; Goetz E; Goggin L; Gonz'alez G; Gossler S; Grant A; Gras S; Gray C; Gray MB; Greenhalgh J; Gretarsson AM; Grosso R; Grote H; Grunewald S; Guenther M; Gustafson R; Hage B; Hamilton WO; Hammer D; Hanna C; Hanson J; Harms J; Harry G; Harstad E; Hayler T; Heefner J; Heng IS; Heptonstall A; Heurs M; Hewitson M; Hild S; Hirose E; Hoak D; Hosken DJ; Hough J; Howell E; Hoyland D; Huttner SH; Ingram D; Innerhofer E; Ito M; Itoh Y; Ivanov A; Jackrel D; Johnson B; Johnson WW; Jones DI; Jones G; Jones R; Ju L; Kalmus P; Kalogera V; Kasprzyk D; Katsavounidis E; Kawabe K; Kawamura S; Kawazoe F; Kells W; Keppel DG; Khalili FY; Kim C; King P; Kissel JS; Klimentko S; Kokeyama K; Kondrashov V; Koppurapu RK; Kozak D; Krishnan B; Kwee P; Lam PK; Landry M; Lantz B; Lazzarini A; Lee B; Lei M; Leiner J; Leonhardt V; Leonor I; Libbrecht K; Lindquist P; Lockerbie NA; Longo M; Lormand M; Lubinski M; Luck H; Machenschalk B; MacInnis M; Mageswaran M; Mailand K; Malec M; ... 2007. First cross-correlation analysis of interferometric and resonant-bar gravitational-wave data for stochastic backgrounds. *Physical Review. D. Particles, Fields, Gravitation and Cosmology.* 76 (2): 022001-1-022001-17. <http://digital.library.adelaide.edu.au/dspace/handle/2440/47208>

- Abbott B; Abbott R; Adhikari R; Agresti J; Ajith P; Allen B; Amin R; Anderson SB; Anderson WG; Arain M; Araya M; Armandula H; Ashley M; Aston S; Aufmuth P; Aulbert C; Babak S; Ballmer S; Bantilan H; Barish BC; Barker C; Barker D; Barr B; Barriga P; Barton MA; Bayer K; Belczynski K; Betzweiser J; Beyersdorf PT; Bhawal B; Bilenko IA; Billingsley G; Biswas R; Black E; Blackburn K; Blackburn L; Blair D; Bland B; Bogenstahl J; Bogue L; Bork R; Boschi V; Bose S; Brady PR; Braginsky VB; Brau JE; Brinkmann M; Brooks AF; Brown DA; Bullington A; Bunkowski A; Buonanno A; Burmeister O; Busby D; Butler WE; Byer RL; Cadonati L; Cagnoli G; Camp JB; Cannizzo J; Cannon K; Cantley CA; Cao J; Cardenas L; Carter K; Casey MM; Castaldi G; Cepeda C; Chalkey E; Charlton P; Chatterji S; Chelkowski S; Chen Y; Chiadini F; Chin D; Chin EJ; Chow J; Christensen N; Clark J; Cochrane P; Cokelaer T; Colacino CN; Coldwell R; Conte R; Cook D; Corbitt T; Coward D; Coyne D; Creighton JD E; Creighton TD; Croce RP; Crooks DR M; Cruise AM; Cumming A; Dalrymple J; D'Ambrosio E; Danzmann K; Davies G; DeBra D; Degallaix J; Degree M; Demma T; Dergachev V; Desai S; DeSalvo R; Dhurandhar S; D'Yaz M; Dickson J; Di Credico A; Diederichs G; Dietz A; Doomes EE; Drever RWP; Dumas JC; Dupuis RJ; Dwyer JG; Ehrens P; Espinoza E; Etzel T; Evans M; Evans T; Fairhurst S; Fan Y; Fazi D; Fejer MM; Finn LS; Fiumara V; Fotopoulos N; Franzen A; Franzen KY; Freise A; Frey R; Fricke T; Fritschel P; Frolov VV; Fyffe M; Galdi V; Ganezer K; Garofoli J; Gholami I; Giaime JA; Giampanis S; Giardina KD; Goda K; Goetz E; Goggin L; Gonzales G; Gossler S; Grant A; Gras S; Gray C; Gray MB; Greenhalgh J; Gretarsson AM; Grosso R; Grote H; Grunewald S; Guenther M; Gustafson R; Hage B; Hammer D; Hanna C; Hanson J; Harms J; Harry G; Harstad E; Hayler T; Heefner J; Heng IS; Heptonstall A; Heurs M; Hewitson M; Hild S; Hirose E; Hoak D; Hosken DJ; Hough J; Howell E; Hoyland D; Huttner SH; Ingram D; Innerhofer E; Ito M; Itoh Y; Ivanov A; Jackrel D; Johnson B; Johnson WW; Jones DI; Jones G; Jones R; Ju L; Kalmus P; Kalogera V; Kasprzyk D; Katsavounidis E; Kawabe K; Kawamura S; Kawazoe F; Kells W; Keppel DG; Khalili FY; Kim C; King P; Kissel JS; Klimentenko S; Kokeyama K; Kondrashov V; Koppurapu RK; Kozak D; Krishnan B; Kwee P; Lam PK; Landry M; Lantz B; Lazzarini A; Lee B; Lei M; Leiner J; Leonhardt V; Leonor I; Libbrecht K; Lindquist P; Lockerbie NA; Longo M; Lormand M; Lubinski M; Luck H; Machenschalk B; MacInnis M; Mageswaran M; Mailand K; ... 2007. Upper limits on gravitational wave emission from 78 radio pulsars. *Physical Review. D. Particles, Fields, Gravitation and Cosmology.* 76 (4): 042001-1-042001-20.
- Abbott B; Abbott R; Adhikari R; Agresti J; Ajith P; Allen B; Amin R; Anderson SB; Anderson WG; Arain M; Araya M; Armandula H; Ashley M; Aston S; Aufmuth P; Aulbert C; Babak S; Ballmer S; Bantilan H; Barish BC; Barker C; Barker D; Barr B; Barriga P; Barton MA; Bayer K; Belczynski K; Betzweiser J; Beyersdorf PT; Bhawal B; Bilenko IA; Billingsley G; Biswas R; Black E; Blackburn K; Blackburn L; Blair D; Bland B; Bogenstahl J; Bogue L; Bork R; Boschi V; Bose S; Brady PR; Braginsky VB; Brau JE; Brinkmann M; Brooks AF; Brown DA; Bullington A; Bunkowski A; Buonanno A; Burmeister O; Busby D; Byer RL; Cadonati L; Cagnoli G; Camp JB; Cannizzo J; Cannon K; Cantley CA; Cao J; Cardenas L; Casey MM; Castaldi G; Cepeda C; Chalkey E; Charlton P; Chatterji S; Chelkowski S; Chen Y; Chiadini F; Chin D; Chin EJ; Chow J; Christensen N; Clark J; Cochrane P; Cokelaer T; Colacino CN; Coldwell R; Conte R; Cook D; Corbitt T; Coward D; Coyne D; Creighton JD E; Creighton TD; Croce RP; Crooks DR M; Cruise AM; Cumming A; Dalrymple J; D'Ambrosio E; Danzmann K; Davies G; DeBra D; Degallaix J; Degree M; Demma T; Dergachev V; Desai S; DeSalvo R; Dhurandhar S; D'Yaz M; Dickson J; Di Credico A; Diederichs G; Dietz A; Doomes EE; Drever RWP; Dumas JC; Dupuis RJ; Dwyer JG; Ehrens P; Espinoza E; Etzel T; Evans M; Evans T; Fairhurst S; Fan Y; Fazi D; Fejer MM; Finn LS; Fiumara V; Fotopoulos N; Franzen A; Franzen KY; Freise A; Frey R; Fricke T; Fritschel P; Frolov VV; Fyffe M; Galdi V; Garofoli J; Gholami I; Giaime JA; Giampanis S; Giardina KD; Goda K; Goetz E; Goggin L; Gonzales G; Gossler S; Grant A; Gras S; Gray C; Gray MB; Greenhalgh J; Gretarsson AM; Grosso R; Grote H; Grunewald S; Guenther M; Gustafson R; Hage B; Hammer D; Hanna C; Hanson J; Harms J; Harry G; Harstad E; Hayler T; Heefner J; Heng IS; Heptonstall A; Heurs M; Hewitson M; Hild S; Hirose E; Hoak D; Hosken DJ; Hough J; Howell E; Hoyland D; Huttner SH; Ingram D; Innerhofer E; Ito M; Itoh Y; Ivanov A; Jackrel D; Johnson B; Johnson WW; Jones DI; Jones G; Jones R; Ju L; Kalmus P; Kalogera V; Kamat S; Kasprzyk D; Katsavounidis E; Kawabe K; Kawamura S; Kawazoe F; Kells W; Keppel DG; Khalili FY; Kim C; King P; Kissel JS; Klimentenko S; Kokeyama K; Kondrashov V; Koppurapu RK; Kozak D; Krishnan B; Kwee P; Lam PK; Landry M; Lantz B; Lazzarini A; Lee B; Lei M; Leiner J; Leonhardt V; Leonor I; Libbrecht K; Lindquist P; Lockerbie NA; Longo M; Lormand M; Lubinski M; Luck H; Machenschalk B; MacInnis M; Mageswaran M; Mailand K; Malec M; Mandic V; ... 2007. Search for gravitational wave radiation associated with the pulsating tail of the SGR 1806 20 hyperflare of 27 December 2004 using LIGO. *Physical Review. D. Particles, Fields, Gravitation and Cosmology.* 76 (6): 062003-01-062003-12.

- Abbott B; Abbott R; Adhikari R; Agresti J; Ajith P; Allen B; Amin R; Anderson SB; Anderson WG; Arain M; Araya M; Armandula H; Ashley M; Aston S; Aufmuth P; Aulbert C; Babak S; Ballmer S; Bantilan H; Barish BC; Barker C; Barker D; Barr B; Barriga P; Barton MA; Bayer K; Belczynski K; Betzweiser J; Beyersdorf PT; Bhawal B; Bilenko IA; Billingsley G; Biswas R; Black E; Blackburn K; Blackburn L; Blair D; Bland B; Bogenstahl J; Bogue L; Bork R; Boschi V; Bose S; Brady PR; Braginsky VB; Brau JE; Brinkmann M; Brooks AF; Brown DA; Bullington A; Bunkowski A; Buonanno A; Burmeister O; Busby D; Byer RL; Cadonati L; Cagnoli G; Camp JB; Cannizzo J; Cannon K; Cantley CA; Cao J; Cardenas L; Casey MM; Castaldi G; Cepeda C; Chalkey E; Charlton P; Chatterji S; Chelkowski S; Chen Y; Chiadini F; Chin D; Chin EJ; Chow J; Christensen N; Clark J; Cochrane P; Cokelaer T; Colacino CN; Coldwell R; Conte R; Cook D; Corbitt T; Coward D; Coyne D; Creighton JD E; Creighton TD; Croce RP; Crooks DR M; Cruise AM; Cumming A; Dalrymple J; D'Ambrosio E; Danzmann K; Davies G; DeBra D; Degallaix J; Degree M; Demma T; Dergachev V; Desai S; DeSalvo R; Dhurandhar S; D'Yaz M; Dickson J; Di Credico A; Diederichs G; Dietz A; Doomes EE; Drever RWP; Dumas JC; Dupuis RJ; Dwyer JG; Ehrens P; Espinoza E; Etzel T; Evans M; Evans T; Fairhurst S; Fan Y; Fazi D; Fejer MM; Finn LS; Fiumara V; Fotopoulos N; Franzen A; Franzen KY; Freise A; Frey R; Fricke T; Fritschel P; Frolov VV; Fyffe M; Galdi V; Garofoli J; Gholami I; Giaime JA; Giampanis S; Giardina KD; Goda K; Goetz E; Goggin L; Gonz'lez G; Gossler S; Grant A; Gras S; Gray C; Gray MB; Greenhalgh J; Gretarsson AM; Grosso R; Grote H; Grunewald S; Guenther M; Gustafson R; Hage B; Hammer D; Hanna C; Hanson J; Harms J; Harry G; Harstad E; Hayler T; Heefner J; Heng IS; Heptonstall A; Heurs M; Hewitson M; Hild S; Hirose E; Hoak D; Hosken DJ; Hough J; Howell E; Hoyland D; Huttner SH; Ingram D; Innerhofer E; Ito M; Itoh Y; Ivanov A; Jackrel D; Johnson B; Johnson WW; Jones DI; Jones G; Jones R; Ju L; Kalmus P; Kalogera V; Kasprzyk D; Katsavounidis E; Kawabe K; Kawamura S; Kawazoe F; Kells W; Keppel DG; Khalili FY; Kim C; King P; Kissel JS; Klimenko S; Kokeyama K; Kondrashov V; Kopparapu RK; Kozak D; Krishnan B; Kwee P; Lam PK; Landry M; Lantz B; Lazzarini A; Lee B; Lei M; Leiner J; Leonhardt V; Leonor I; Libbrecht K; Lindquist P; Lockerbie NA; Longo M; Lormand M; Lubinski M; Luck H; Machenschalk B; MacInnis M; Mageswaran M; Mailand K; Malec M; Mandic V; Marano S; ... 2007. Upper limit map of a background of gravitational waves. *Physical Review. D. Particles, Fields, Gravitation and Cosmology*. 76 (8): 082003-1-082003-11.
- Abbott B; Abbott R; Adhikari R; Agresti J; Ajith P; Allen B; Amin R; Anderson SB; Anderson WG; Araya M; Armandula H; Ashley M; Aston S; Aulbert C; Babak S; Ballmer S; Barish BC; Barker C; Barker D; Barr B; Barriga P; Barton MA; Bayer K; Belczynski K; Betzweiser J; Beyersdorf PT; Bhawal B; Bilenko IA; Billingsley G; Black E; Blackburn K; Blackburn L; Blair D; Bland B; Bogue L; Bork R; Bose S; Brady PR; Braginsky VB; Brau JE; Brooks AF; Brown DA; Bullington A; Bunkowski A; Buonanno A; Burman R; Busby D; Byer RL; Cadonati L; Cagnoli G; Camp JB; Cannizzo J; Cannon K; Cantley CA; Cao J; Cardenas L; Casey MM; Cepeda C; Charlton P; Chatterji S; Chelkowski S; Chen Y; Chin D; Chin EJ; Chow J; Christensen N; Cokelaer T; Colacino CN; Coldwell R; Cook D; Corbitt T; Coward D; Coyne D; Creighton JD E; Creighton TD; Crooks DR M; Cruise AM; Cumming A; Cutler C; Dalrymple J; D'Ambrosio E; Danzmann K; Davies G; de Vine G; DeBra D; Degallaix J; Dergachev V; Desai S; DeSalvo R; Dhurandhar S; Di Credico A; D'Yaz M; Dickson J; Diederichs G; Dietz A; Doomes EE; Drever RWP; Dumas JC; Dupuis RJ; Ehrens P; Elliffe E; Etzel T; Evans M; Evans T; Fairhurst S; Fan Y; Fazi D; Fejer MM; Fotopoulos N; Franzen A; Franzen KY; Frey R; Fricke T; Fritschel P; Frolov VV; Fyffe M; Garofoli J; Gholami I; Giaime JA; Giampanis S; Goda K; Goetz E; Goggin L; Gonz'lez G; Gossler S; Grant A; Gras S; Gray C; Gray MB; Greenhalgh J; Gretarsson AM; Grimmitt D; Grosso R; Grote H; Grunewald S; Guenther M; Gustafson R; Hage B; Hanna C; Hanson J; Hardham C; Harms J; Harry G; Harstad E; Hayler T; Heefner J; Heng IS; Heptonstall A; Heurs M; Hewitson M; Hild S; Hindman N; Hirose E; Hoak D; Hoang P; Hosken DJ; Hough J; Howell E; Hoyland D; Hua W; Huttner SH; Ingram D; Ito M; Itoh Y; Ivanov A; Jackrel D; Johnson B; Johnson WW; Jones DI; Jones G; Jones R; Ju L; Kalmus P; Kalogera V; Kasprzyk D; Katsavounidis E; Kawabe K; Kawamura S; Kawazoe F; Kells W; Khalili FY; Khan A; Kim C; King P; Klimenko S; Kokeyama K; Kondrashov V; Koranda S; Kozak D; Krishnan B; Kwee P; Lam PK; Landry M; Lantz B; Lazzarini A; Lee B; Lei M; Leonhardt V; Leonor I; Libbrecht K; Lindquist P; Lockerbie NA; Lormand M; Lubinski M; Luck H; Machenschalk B; MacInnis M; Mageswaran M; Mailand K; Malec M; Mandic V; M'Brka S; Markowitz J; Maros E; Martin I; Marx JN; Mason K; Matone L; Mavalvala N; McCarthy R; McClelland DE; McGuire SC; McHugh M; McKenzie K; McNabb JWC; Meier T; Melissinos A; Mendell G; Mercer RA; Meshkov S; Messaritaki E; Messenger CJ; ... 2007. Searching for a stochastic background of gravitational waves with the laser interferometer gravitational-wave observatory. *Astrophysical Journal*. 659 (2): 918-930.
- Abell AD; Jones MA; Neffe AT; Aitken SG; Cain TP; Payne RJ; McNabb SB; Coxon JM; Stuart BG; Pearson D; Lee HYY & Morton JD 2007. Investigation into the P3 binding domain of m-calpain using photoswitchable diazo- and triazene-dipeptide aldehydes: New anticataract agents. *Journal of Medicinal Chemistry*. 50 (12): 2916-2920.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/42094>

- Abraham J; Abreu P; Aglietta M; Aguirre IC; Allard D; Allekotte I; Allen J; Allison P; Alvarez C; Alvarez Mu±iz J; Ambrosio M; Anchordoqui L; Andringa S; Anzalone A; Aramo C; Arisaka K; Armengaud E; Arneodo F; Arqueros F; Asch T; Asorey H; Asorey H; Assis P; Atulugama BS; Aublin J; Ave M; Avila G; Ba¿Cker T; Badagnani D; Barbosa AF; Barnhill D; Barroso SLC; Bauleo P; Beatty J; Beau T; Becker BR; Becker K; Bellido Caceres JA; Benzvi S; Berat C; Bergmann T; Bernardini P; Bertou X; Biermann PL; Billoir P; Blanch-Bigas O; Blanco F; Blasi P; Blevé C; Bluemer H; Bohacova M; Bonifazi C; Bonino R; Boratav M; Brack J; Brogueira P; Brown WC; Buchholz P; Bueno A; Busca NG; Caballero-Mora KS; Cai B; Camin DV; Caruso R; Carvalho WC; Castellina A; Catalano O; Cataldi G; Cazo-| N L; Cester R; Chauvin J; Chiavassa A; Chinellato JA; Chou A; Chye J; Clark PDJ; Clay RW; Colombo E; Conceicao R; Connolly BC; Contreras F; Coppens J; Cordier A; Cotti U; Coutu S; Covault CE; Creusot A; Cronin JW; Dagoret-Campagne S; Daumiller K; Dawson BR; De Almeida RM; De Donato C; De Jong SJ; De La Vega G; De Mello Junior WJM; De Mello Neto JRT; De Mitri I; De Souza V; Del Peral L; Deligny O; Della Selva A; Delle Fratte C; Dembinski H; Di Giulio C; Diaz JC; Dobrigkeit C; D'Olivo JC; Dornic D; Dorofeev A; Dos Anjos JC; Dova MT; DÆUrso D; Duvernois MA; Engel R; Epele LN; Erdmann M; Escobar CO; Etchegoyen A; Facal San Luis P; Falcke H; Farrar GR; Fauth AC; Fazzini N; Ferna-| Ndez A; Ferrer F; Ferry S; Fick BE; Filevich A; Filipic A; Fleck I; Fonte R; Fracchiolla CE; Fulgione W; Garcia B; Garcia Gamez D; Garcia-Pinto D; Garrido X; Geenen H; Gelmini G; Gemmeke H; Ghia PL; Giller M; Glass H; Gold MS; Golup G; Gomez Albarracin F; Go-| Mez Berisso M; Go-| Mez Herrero R; Goncalves P; Gonc@Alves Do Amaral M; Gonzalez D; Gonzalez JG; Gonza-| Lez M; Gora D; Gorgi A; Gouffon P; Grassi V; Grillo AF; Grunfeld C; Guardincerri Y; Guarino F; Guedes G; Gutierrez J; Hague JD; Hamilton JC; Hansen P; Harari D; Harmsma S; Harton JL; Haungs A; Healy MD; Hebbeker T; Heck D; Hojvat C; Hojvat C; Holmes VC; Homola P; Ho¿Randel J; Horneffer A; Horvat M; Hrabovsky M; Huege T; Iarlori M; Insolia A; Iomita F; Italiano A; Kaducak M; Kampert K; Keilhauer B; Kemp E; Kieckhafer RM; Klages H; Kleifges M; Kleinfeller J; Knapik R; Knapp J; Koang D; Kopmann A; Krieger A; Kro¿Mer O; Kumpel D; Kunka N; Kusenko A; La Rosa G; Lachaud C; Lago BL; Lebrun D; Lebrun P; Lee J; Leigui De Oliveira MA; Letessier-Selvon A; Leuthold M; Lhenry-Yvon I; ... 2007. Correlation of the highest-energy cosmic rays with nearby extragalactic objects. *Science*. 318 (5852): 938-943.
- Abraham J; Aglietta M; Aguirre IC; Allard D; Allekotte I; Allison P; Alvarez C; Alvarez Mu±iz J; Ambrosio M; Anchordoqui L; Anjos JC; Aramo C; Arisaka K; Armengaud E; Arneodo F; Arqueros F; Asch T; Asorey H; Atulugama BS; Aublin J; Ave M; Avila G; Bacelar J; Ba¿Cker T; Badagnani D; Barbosa AF; Barbosa HMJ; Barkhausen M; Barnhill D; Barroso SLC; Bauleo P; Beatty J; Beau T; Becker BR; Becker K; Bellido Caceres JA; Benzvi S; Berat C; Bergmann T; Bernardini P; Bertou X; Biermann PL; Billoir P; Blanch-Bigas O; Blanco F; Blasi P; Blevé C; Bluemer H; Boghrat P; Bohacova M; Bonifazi C; Bonino R; Boratav M; Brack J; Brunet J; Buchholz P; Busca NG; Caballero-Mora KS; Cai B; Camin DV; Capdevielle J; Caruso R; Castellina A; Cataldi G; Cazo-| N L; Cester R; Chauvin J; Chiavassa A; Chinellato JA; Chou A; Chye J; Claes D; Clark PDJ; Clay RW; Clay SB; Connolly BC; Cordier A; Cotti U; Coutu S; Covault CE; Cronin JW; Dagoret-Campagne S; Dang-Quang T; Darriulat P; Daumiller K; Dawson BR; De Almeida RM; De Carvalho LA; De Donato C; De Jong SJ; De Mello Junior WJM; De Mello Neto JRT; De Mitri I; De Oliveira MAL; De Souza V; Del Peral L; Deligny O; Della Selva A; Delle Fratte C; Dembinski H; Di Giulio C; Diaz JC; Dobrigkeit C; D'Olivo JC; Dornic D; Dorofeev A; Dova MT; DÆUrso D; Duvernois MA; Engel R; Epele LN; Erdmann M; Escobar CO; Etchegoyen A; Ewers A; Facal San Luis P; Falcke H; Fauth AC; Fazio D; Fazzini N; Ferna-| Ndez A; Ferrer F; Ferry S; Fick BE; Filevich A; Filipic A; Fleck I; Fokitis E; Fonte R; Fuhrmann D; Fulgione W; Garcia B; Garcia-Pinto D; Garrard L; Garrido X; Geenen H; Gelmini G; Gemmeke H; Geranios A; Ghia PL; Giller M; Gitto J; Glass H; Gobbi F; Gold MS; Gomez Albarracin F; Go-| Mez Berisso M; Go-| Mez Herrero R; Gonc@Alves Do Amaral M; Gongora JP; Gonzalez D; Gonzalez JG; Gonza-| Lez M; Gora D; Gorgi A; Gouffon P; Grassi V; Grillo AF; Grunfeld C; Grupen C; Guarino F; Guedes G; Gutierrez J; Hague JD; Hamilton JC; Harakeh MN; Harari D; Harmsma S; Hartmann S; Harton JL; Haungs A; Healy MD; Hebbeker T; Heck D; Hojvat C; Homola P; Ho¿Randel J; Horneffer A; Horvat M; Hrabovsky M; Huege T; Iarlori M; Insolia A; Kaducak M; Kalashev O; Kampert K; Keilhauer B; Kemp E; Klages H; Kleifges M; Kleinfeller J; Knapik R; Knapp J; Koang D; Kolotaev Y; Kopmann A; Kro¿Mer O; Kuhlman S; Kuijpers J; Kunka N; Kusenko A; Lachaud C; Lago BL; Lebrun D; Lebrun P; Lee J; Letessier-Selvon A; Leuthold M; Lhenry-Yvon I; Longo G; Lo-| Pez R; Lopez Aguera A; Lucero A; Maldera S; Malek M; Maltezos S; ... 2007. Anisotropy studies around the galactic centre at EeV energies with the Auger Observatory. *Astroparticle Physics*. 27 (4): 244-253.

- Abraham J; Aglietta M; Aguirre IC; Allard D; Allekotte I; Allison P; Alvarez C; Alvarez Mu±iz J; Ambrosio M; Anchordoqui L; Anjos JC; Aramo C; Arisaka K; Armengaud E; Arneodo F; Arqueros F; Asch T; Asorey H; Atulugama BS; Aublin J; Ave M; Avila G; Bacelar J; Baçker T; Badagnani D; Barbosa AF; Barbosa HMJ; Barkhausen M; Barnhill D; Barroso SLC; Bauleo P; Beatty J; Beau T; Becker BR; Becker K; Bellido Caceres JA; Benzvi S; Berat C; Bergmann T; Bernardini P; Bertou X; Biermann PL; Billoir P; Blanch-Bigas O; Blanco F; Blasi P; Bleve C; Bluemer H; Boghrat P; Bohacova M; Bonifazi C; Bonino R; Boratav M; Brack J; Brunet J; Buchholz P; Busca NG; Caballero-Mora KS; Cai B; Camin DV; Capdevielle J; Caruso R; Castellina A; Cataldi G; Cazo N L; Cester R; Chauvin J; Chiavassa A; Chinellato JA; Chou A; Chye J; Claes D; Clark PDJ; Clay RW; Clay SB; Connolly BC; Cordier A; Cotti U; Coutu S; Covault CE; Cronin JW; Dagoret-Campagne S; Dang-Quang T; Darriulat P; Daumiller K; Dawson BR; De Almeida RM; De Carvalho LA; De Donato C; De Jong SJ; De Mello Junior WJM; De Mello Neto JRT; De Mitri I; De Oliveira MAL; De Souza V; Del Peral L; Deligny O; Della Selva A; Delle Fratte C; Dembinski H; Di Giulio C; Diaz JC; Dobrigkeit C; D'Olivo JC; Dornic D; Dorofeev A; Dova MT; DÆUrso D; Duvernois MA; Engel R; Epele LN; Erdmann M; Escobar CO; Etchegoyen A; Ewers A; Facal San Luis P; Falcke H; Fauth AC; Fazio D; Fazzini N; Ferna Ndez A; Ferrer F; Ferry S; Fick BE; Filevich A; Filipic A; Fleck I; Fokitis E; Fonte R; Fuhrmann D; Fulgione W; Garcia B; Garcia-Pinto D; Garrard L; Garrido X; Geenen H; Gelmini G; Gemmeke H; Geranios A; Ghia PL; Giller M; Gitto J; Glass H; Gobbi F; Gold MS; Gomez Albarracin F; Go Mez Berisso M; Go Mez Herrero R; GoncAlves Do Amaral M; Gongora JP; Gonzalez DG; Gonzalez JG; Gonza Lez M; Gora D; Gorgi A; Gouffon P; Grassi V; Grillo AF; Grunfeld C; Grupen C; Guarino F; Guedes G; Gutierrez J; Hague JD; Hamilton JC; Harakeh MN; Harari D; Harmsma S; Hartmann S; Harton JL; Healy MD; Hebbeker T; Heck D; Hojvat C; Homola P; Ho Randel J; Horneffer A; Horvat M; Hrabovsky M; Iarlori M; Insolia A; Kaducak M; Kalashev O; Kampert K; Keilhauer B; Kemp E; Klages H; Kleifges M; Kleinfeller J; Knapik R; Knapp J; Koang D; Kolotaev Y; Kopmann A; Kro Mer O; Kuhlman S; Kuijpers J; Kunka N; Kusenko A; Lachaud C; Lago BL; Lebrun D; Lebrun P; Lee J; Letessier-Selvon A; Leuthold M; Lhenry-Yvon I; Longo G; Lo Pez R; Lopez Aguera A; Lucero A; Maldera S; Malek M; Maltezos S; Mancarella G; ... 2007. An upper limit to the photon fraction in cosmic rays above 10(19) eV from the Pierre Auger Observatory. *Astroparticle Physics*. 27 (2-3): 155-168.
- Addicoat MA; Buntine MA; Metha GF; Gilbert ATB & Gill PMW 2007. BFW: A density functional for transition metal clusters. *Journal of Physical Chemistry A*. 111 (13): 2625-2628.
- Afshar Vahid S; Warren-Smith S & Monro TM 2007. Enhancement of fluorescence-based sensing using microstructured optical fibres. *Optics Express*. 15 (26): 17891-17901.
- Aharonian FA; Akhperjanian AG; Barres de Alameda U; Bazer-Bachi AR; Behera B; Beilicke M; Benbow W; Bernlohr K; Boisson C; Bolz O; Borrel V; Braun I; Brion E; Brown AM; Buhler R; Bulik T; Busching I; Boutelier T; Carrigan S; Chadwick PM; Chounet LM; Clapson AC; Coignet G; Cornils R; Costamante L; Dalton M; Degrange B; Dickinson HJ; Djannati-Atai A; Domainko W; Drury LO'C; Dubois F; Dubus G; Dyks J; Egberts K; Emmanoulopoulos D; Espigat P; Farnier C; Feinstein F; Fiasson A; Forster A; Fontaine G; Funk S; Fubling M; Gallant YA; Giebels B; Glicenstein JF; Gluck B; Goret P; Hadjichristidis C; Hauser D; Hauser M; Heinzelmann G; Henri G; Herman G; Hinton JA; Hoffmann A; Hofmann W; M Holleran M; Hoppe S; Horns D; Jacholkowska A; de Jager OC; Jung I; Katarzynski K; Kendziorra E; Kerschhaggl M; Kheliff B; Keogh D; Komin N; Kosack K; Lamanna G; Latham IJ; Lemiere A; Lemoine-Goumard M; Lenain J-P; Lohse T; Martin JM; Martineau-Huynh O; Marcowith A; Masterson C; Maurin D; Maurin G; McComb TJL; Moderski R; Moulin E; de Naurois M; Nedbal D; Nolan SJ; Ohm S; Olive J; de Ona Wilhelmi E; Orford KJ; Osborne JL; Ostrowski M; Panter M; Pedalletti G; Pelletier G; Petrucci P; Pita S; Puhlhofer G; Punch M; Rancon S; Raubenheimer BC; Raue M; Rayner SM; Renaud M; Ripken J; Rob L; Rolland L; Rosier-Lees S; Rowell GP; Rudak B; Ruppel J; Sahakian V; Santangelo A; Schlickeiser R; Schock F; Schroder R; Schwanke U; Schwarzborg S; Schwemmer S; Shalchi A; Sol H; Spangler D; Stawarz L; Steenkamp R; Stegmann C; Superina G; Tam PH; Tavernet J; Terrier R; van Eldik C; Vasileiadis G; Venter C; Vialle JP; Vincent P; Vivier M; Volk HJ; Volpe F; Wagner SJ; Ward M; Zdziarski AA & Zech A 2007. New constraints on the mid-IR EBL from the HESS discovery of VHE gamma-rays from 1ES 0229+200. *Astronomy and Astrophysics*. 475 (2): L9-L13.
- Asimakis S; Meloni G; Leong JY; Poletti F; Moore RC; Frampton K; Feng X; Loh WH; Bogoni A; Poti L; Richardson DJ & Petropoulos P 2007. Low walk-off Kerr-Shutter using a dispersion-shifted lead silicate holey fiber. *IEEE Photonics Technology Letters*. 19 (15): 1112-1114.
- Avery TD; Greatrex BW; Taylor DK & Tiekink ERT 2007. (+)-(1R,2S,3R)-2-[(Benzyloxycarbonyl)methyl]-3-phenylcyclopropanecarboxylic acid. *Acta Crystallographica Section E-Structure Reports Online*. 63 Part 7 (O3344): WWW 1-WWWW 10.
- Avery TD; Macreadie PI; Greatrex BW; Robinson AV; Taylor DK & Macreadie IG 2007. Design of endoperoxides with anti-Candida activity. *Bioorganic & Medicinal Chemistry*. 15 (1): 36-42.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/42803>
- Bai C; Greenhalgh SA & Zhou B 2007. 3D ray tracing using a modified shortest-path method. *Geophysics*. 72 (4): T27-T36.
- Ballantyne DR; Melia F; Liu S & Crocker RM 2007. A possible link between the Galactic center HESS source and Sagittarius A*. *Astrophysical Journal*. 657 (1 Part 2): L13-L16.

- Bartolozzi M 2007. Scale-free avalanches in the multifractal random walk. *European Physical Journal B.* 57 (3): 337-345.
- Bartolozzi M; Mellen C; Di Matteo T & Aste T 2007. Multi-scale correlations in different futures markets. *European Physical Journal B.* 58 (2): 207-220.
- Benford G & Protheroe RJ 2007. Fossil AGN jets as ultrahigh-energy particle accelerators. *Monthly Notices of the Royal Astronomical Society.* 383 (2): 663-672.
- Bensaleh SMA; Bezak E & Borg MF 2007. Dose investigation of the mamosite applicator using monte carlo method. *Australasian Physical and Engineering Sciences in Medicine.* 30 (4): 349-349.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/43180>
- Bettayeb K; Tirado OM; Marionneau-Lambot S; Ferandin Y; Lozach O; Morris JC; Mateo-Lozano S; Drueckes P; Schachtele C; Kubbutat MHG; Liger F; Marquet B; Joseph B; Echaliier A; Endicott JA; Notario V & Meijer L 2007. Meriolins, a new class of cell death-inducing kinase inhibitors with enhanced selectivity for cyclin-dependent kinases. *Cancer Research.* 67 (17): 8325-8334.
- Bilson-Thompson SO 2007. Quantum gravity and the standard model. *Classical and Quantum Gravity.* 24 (16): 3975-3993.
- Bilusich D & Bowie JH 2007. Identification of intermolecular disulfide linkages in underivatised peptides using negative ion electrospray mass spectrometry. A joint experimental and theoretical study. *Rapid Communications in Mass Spectrometry.* 21 (5): 619-628.
- Bissey F; Cao F; Kitson A; Signal AI; Leinweber DB; Lasscock BG & Williams AG 2007. Gluon flux-tube distribution and linear confinement in baryons. *Physical Review. D. Particles, Fields, Gravitation and Cosmology.* 76 (11): 114512-01-114512-16.
- Boinepalli S; Bowman PO; Hedditch JN; Heller UM; Kamleh WR; Lasscock BG; Leinweber DB; Williams AG; Zanotti JM & Zhang JB 2007. Some recent Lattice QCD results from the CSSM. *International Journal of Modern Physics A.* 22 (27): 5053-5061.
- Bowmaker GA; Bruce MI; Skelton BW; Somers N & White AH 2007. Structural and spectroscopic studies of halocuprate(I) and haloargentate(I) complexes $[M_2X_nX'_{4-n}]^{2-}$. *Zeitschrift fur Anorganische und Allgemeine Chemie.* 633 (7): 1024-1030.
- Bowman PO; Heller UM; Leinweber DB; Parappilly MB; Sternbeck A; Von Smekal LJM; Williams AG & Zhang JB 2007. Scaling behavior and positivity violation of the gluon propagator in full QCD. *Physical Review. D. Particles, Fields, Gravitation and Cosmology.* 76 (9): 094505-1-094505-7.
- Brodney MA; Cole ML; Freemont JA; Kyi S; Junk PC; Padwa A; Riches AG & Ryan JH 2007. Stereoselective reductions of N-Boc-hexahydro-1H-indolin-5(6H)-ones. *Tetrahedron Letters.* 48 (11): 1939-1943.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/43990>
- Brooks AF; Kelly TL; Veitch PJ & Munch J 2007. Ultra-sensitive wavefront measurement using a Hartmann sensor. *Optics Express.* 15 (16): 10370-10375.
- Bruce MI; Costuas K; Davin T; Halet J; Kramarczuk KA; Low PJ; Nicholson BK; Perkins GJ; Roberts RL; Skelton BW; Smith ME & White AH 2007. Syntheses, structures and redox properties of some complexes containing the Os(dppe)Cp* fragment, including $[Os(dppe)Cp^*]_2(m-C_6H_4)CCl_3$. *Dalton Transactions (Print Edition).* 46: 5387-5399.
- Bruce MI; Costuas K; Ellis BG; Halet J; Low PJ; Moubaraki B; Murray KS; Ouddai N; Perkins GJ; Skelton BW & White AH 2007. Redox-active complexes containing group 8 metal centers linked by C2 bridges. *Organometallics.* 26 (15): 3735-3745.
- Bruce MI; Humphrey PA; Jevric M; Perkins GJ; Skelton BW & White AH 2007. Heterometallic complexes containing 1, 1'-(C₆H₄)₂Fc units linking two different metal centres. *Journal of Organometallic Chemistry.* 692 (8): 1748-1756.
- Bruce MI; Humphrey PA; Jevric M; Skelton BW & White AH 2007. Preparation, structure and some chemistry of FcCCCCRu(dppe)Cp. *Journal of Organometallic Chemistry.* 692 (12): 2564-2574.
- Bruce MI; Jevric M; Perkins GJ; Skelton BW & White AH 2007. Trimetallic complexes containing 1,1'-Rc'(CC)₂ units [Rc' = ruthenocene-1,1'-diyl, Ru(h-C₅H₄)₂]. *Journal of Organometallic Chemistry.* 692 (8): 1757-1765.
- Bruce MI; Zaitseva NN; Skelton BW; Somers N & White AH 2007. Crystal and molecular structures of {Cu(m-C₆H₄)CPh}(triphos)}₂[triphos = (PPh₂CH₂)₃CMe]. *Inorganica Chimica Acta.* 360 (2): 681-685.
- Buntine MA; Read JR; Barrie SC; Bucat RB; Crisp GT; George AV; Jamie IM & Kable SH 2007. Advancing Chemistry by Enhancing Learning in the Laboratory (ACELL): A model for providing professional and personal development and facilitating improved student laboratory learning outcomes. *Chemistry Education: Research and Practice.* 8 (2): 232-254.
- Bursill CA & Roach PD 2007. A Green Tea Catechin Extract Upregulates the Hepatic Low-Density Lipoprotein Receptor in Rats. *Lipids.* 42 (7): 621-627.

- Caroli A; Testa C; Geroldi C; Nobili F; Barnden L; Guerra UP; Bonetti M & Frisoni GB 2007. Cerebral perfusion correlates of conversion to Alzheimer's disease in amnesic mild cognitive impairment. *Journal of Neurology*. 254 (12): 1698-1707.
- Clay RW; Maghrabi AHM & Wild NR 2007. Local infra-red clear sky temperatures. *Transactions of the Royal Society of South Australia*. 131 Part 1: 93-99.
- Cole ML; Davies AJ; Jones C & Junk PC 2007. Persistent p-arene interactions in bulky formamidinate complexes of potassium. *Journal of Organometallic Chemistry*. 692 (12): 2508-2518.
- Cole ML; Deacon GB; Forsyth CM; Junk PC; Konstas K & Wang J 2007. Steric modulation of coordination number and reactivity in the synthesis of Lanthanoid(III) formamidinates. *Chemistry-A European Journal*. 13 (29): 8092-8110.
- Cole ML; Deacon GB; Forsyth CM; Junk PC; Proctor KM; Scott JL & Strauss CR 2007. High temperature synthesis of some strontium and barium 2,6-dibenzylphenolates. *Polyhedron*. 26 (2): 244-249.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/42952>
- Crocker RM; Jones D; Ballantyne DR & Melia F 2007. Radio synchrotron emission from secondary leptons in the vicinity of Sagittarius A*. *Astrophysical Journal*. 664 (2): L95-L98.
- Crocker RM; Jones D; Protheroe RJ; Ott J; Ekers RD; Melia F; Stanev T & Green AG 2007. The cosmic ray distribution in Sagittarius B. *Astrophysical Journal*. 666 (2): 934-948.
- Cuthbert JA; Taylor DK & Tiekink ERT 2007. (+)-(5S)-5-[(1S)-2-Benzoyl-1-hydroxyethyl]-1,2,3,4-tetrahydrofuran-2-one. *Acta Crystallographica Section E-Structure Reports Online*. 63 Part 7 (O3349): WWW 1-WWW 11.
- Dawson BR 2007. The Pierre Auger Observatory at 1018eV. *Journal of Physics: Conference Series (Print Edition)*. 60 (1): 155-158.
- Day TK; Zeng G; Hooker AM; Bhat MK; Scott BR; Turner DR & Sykes PJ 2007. Adaptive response for chromosomal inversions in pKZ1 mouse prostate induced by low doses of X radiation delivered after a high dose. *Radiation Research*. 167 (6): 682-692.
- Dowdy AJ; Vincent RA; Tsutsumi M; Igarashi K; Murayama Y; Singer W & Murphy DJ 2007. Polar mesosphere and lower thermosphere dynamics: Mean wind and gravity wave climatologies. *Journal of Geophysical Research*. 112 (17): 017104-1-017104-16.
- Dowdy AJ; Vincent RA; Tsutsumi M; Igarashi K; Murayama Y; Singer W; Murphy DJ & Riggan DM 2007. Polar mesosphere and lower thermosphere dynamics: Response to sudden stratospheric warmings. *Journal of Geophysical Research*. 112 (17): 017105-1-017105-14.
- Ebendorff-Heidepriem H & Monro TM 2007. Extrusion of complex preforms for microstructured optical fibers. *Optics Express*. 15 (23): 15086-15092.
- Ebendorff-Heidepriem H; Li Y & Monro TM 2007. Reduced loss in extruded soft glass microstructured fibre. *Electronics Letters*. 43 (24): 1343-1345.
- Ebendorff-Heidepriem H; Monro TM; van Eijkelenborg MA & Large MCJ 2007. Extruded high-NA microstructured polymer optical fibre. *Optics Communications*. 273 (1): 133-137.
- Ecroyd HW; Meehan S; Horwitz J; Aquilina JA; Benesch JLP; Robinson CV; MacPhee CE & Carver JA 2007. Mimicking phosphorylation of a B-crystallin affects its chaperone activity. *Biochemical Journal*. 401 Part 1: 129-141.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/42949>
- Enomoto R; Bicknell GV; Clay RW; Edwards PG; Gunji S; Hara S; Hattori T; Hayashi S; Higashi T; Hirai Y; Inoue K; Kabuki S; Kajino F; Katagiri H; Kawachi A; Kifune T; Kiuchi R; Kubo H; Kushida J; Mizukami T; Mizuniwa R; Mori M; Muraishi H; Naito T; Nakamori T; Nakano S; Nishida D; Nishijima K; Ohishi M; Sakamoto Y; Seki A; Stamatescu L; Suzuki T; Swaby DLJ; Tanimori T; Thornton GJ; Tokanai F; Tsuchiya K; Watanabe S; Yamada Y; Yamazaki E; Yanagita S; Yoshida T; Yoshikoshi T & Yukawa Y 2007. Cangaroo-III search for gamma rays from sn 1987A and the surrounding field. *Astrophysical Journal*. 671: 1939-1943. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43634>
- Fog LS; Nicholls RL & Van Doorn T 2007. On the use of Kodak CR film for quality assurance of needle loading in I-125 seed prostate brachytherapy. *Australasian Physical and Engineering Sciences in Medicine*. 30 (3): 221-225.
- Foley J; Cass AF; Peardon M & Ryan SM 2007. Radial and orbital excitations of static-light mesons. *Physical Review. D. Particles, Fields, Gravitation and Cosmology*. 75 (9): 049503-01-049503-14.
- Funk S; Hinton JA; Moriguchi Y; Aharonian FA; Fukui Y; Hofmann W; Horns D; Puhlhofer G; Reimer O; Rowell GP; Terrier R; Vink J & Wagner SJ 2007. XMM-Newton observations of HESS J1813-178 reveal a composite Supernova remnant. *Astronomy and Astrophysics*. 470 (1): 249-257.
- Ghahghhaci A; Rekas A; Price WE & Carver JA 2007. The effect of dextran on subunit exchange of the molecular chaperone aA-crystallin. *BBA - Proteins and Proteomics*. 1774 (1): 102-111.

- Graham DC; Mitchell CJ; Bruce MI; Metha GF; Bowie JH & Buntine MA 2007. Production of acrylic acid through nickel-mediated coupling of ethylene and carbon dioxide - A DFT study. *Organometallics*. 26 (27): 6784-6792.
- Greenhalgh SA; Zhou B; Pant DR & Green AG 2007. Numerical study of seismic scattering and waveguide excitation in faulted coal seams. *Geophysical Prospecting*. 55 (2): 185-198.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/41884>
- Guo X; Li L; Fu L; Prud'homme R & Lincoln SF 2007. Macromolecular assembly controlled by inclusion associations of α -cyclodextrin. *Polymer Preprints*. 48 (2): 217-218.
- Guo X; Wang J; Li L; Pacheco CR; Fu L; Prud'homme R & Lincoln SF 2007. Novel polymer hydrogels constructed by cyclodextrin inclusion association: The binding structure as observed by ^1H -NOESY-NMR. *PMSE Preprints*. 97: 543-544.
- Hamilton MW 2007. Two-phonon absorption. *European Journal of Physics*. 28 (2): 341-349.
- Hedditch JN; Kamleh WR; Lasscock BG; Leinweber DB; Williams AG & Zanotti JM 2007. Pseudoscalar and vector meson form factors from lattice QCD. *Physical Review. D. Particles, Fields, Gravitation and Cosmology*. 75 (9): 094504-1-094504-11.
- Holdsworth DA; Elford WG; Vincent RA; Reid IM; Murphy DJ & Singer W 2007. All-sky interferometric meteor radar meteoroid speed estimation using the Fresnel transform. *Annales Geophysicae-atmospheres Hydrospheres and Space Sciences*. 25 (2): 385-398.
- Horns D; Hoffmann A; Santangelo A; Aharonian FA & Rowell GP 2007. XMM-Newton observations of the first unidentified TeV gamma-ray source TeV J2032+4130. *Astronomy and Astrophysics*. 469 (1): L17-L21.
- Ilgenfritz EM; Muller-Preussker M; Sternbeck A; Schiller A & Bogolubsky IL 2007. Landau gauge gluon and ghost propagators from lattice QCD. *Brazilian Journal of Physics*. 37 (1 B): 193-200.
- Jacobs IA; Podobny MT & Bilusich D 2007. One mechanism underlying contrasting health-economy findings. *International Journal of Epidemiology*. 36 (4): 929-931. <http://digital.library.adelaide.edu.au/dspace/handle/2440/46019>
- James CW; Crocker RM; Ekers RD; Hankins TH; O'Sullivan JD & Protheroe RJ 2007. Limit on ultrahigh energy neutrino flux from the Parkes Lunar Radio Cherenkov experiment. *Monthly Notices of the Royal Astronomical Society*. 379 (3): 1037-1041.
- Jamie IM; Read JR; Barrie SC; Bucat RB; Buntine MA; Crisp GT; George AV & Kable SH 2007. From APCELL to ACELL and beyond - Expanding a multi-institution project for laboratory-based teaching and learning. *Australian Journal of Education in Chemistry*. 67: 7-13. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43199>
- Johnston S; Bailes M; Bartel N; Baugh C; Bienteholz M; Blake CJ; Braun R; Brown J; Chatterji S; Darling J; Deller A; Dodson RG; Edwards PG; Ekers RD; Ellingsen S; Feain I; Gaensler BM; Haverkorn M; Hobbs G; Hopkins A; Jackson CA; James CW; Joncas G; Kaspi VM; Kilborn V; Koribalski B; Kothes R; Landecker TL; Lenc E; Lovell JEJ; Macquart J; Manchester RN; Matthews D; McClure-Griffiths NM; Norris R; Pen U; Phillips C; Power C; Protheroe RJ; Sadler EM; Schmidt BP; Stairs I; Staveley-Smith L; Stil J; Taylor R; Tingay SJ; Tzioumis AK; Walker MA; Wall J & Wolleben M 2007. Science with the Australian Square Kilometre Array Pathfinder. *Publications of the Astronomical Society of Australia*. 24 (4): 174-188.
- Jones RC; Dacheux J; Nixon B & Ecroyd HW 2007. Role of the epididymis in sperm competition. *Asian Journal of Andrology*. 9 (4): 493-499.
- Junk PC & Cole ML 2007. Alkali-metal bis(aryl)formamidinates: a study of coordinative versatility. *Chemical Communications*. 16: 1579-1590.
- Kabuki S; Enomoto R; Bicknell GV; Clay RW; Edwards PG; Gunji S; Hara S; Hattori T; Hayashi S; Higashi T; Inoue R; Itoh C; Kajino F; Katagiri H; Kawachi A; Kawasaki S; Kifune T; Kiuchi R; Konno K; Kubo H; Kushida J; Matsubara Y; Mizukami T; Mizuniwa R; Mori M; Muraishi H; Naito T; Nakamori T; Nishida D; Nishijima K; Ohishi M; Sakamoto Y; Stamatescu L; Suzuki S; Suzuki T; Swaby DLJ; Tanimori T; Thornton GJ; Tokanai F; Tsuchiya K; Watanabe S; Yamada Y; Yamazaki M; Yanagita S; Yoshida T; Yoshikoshi T; Yuasa M & Yukawa Y 2007. Cangaroo III search for gamma rays from Centaurus A and the omega Centauri region. *Astrophysical Journal*. 668 (2): 968-973.
- Kaminskas LM; Pyke SM & Burcham PC 2007. Michael addition of acrolein to lysinyl and N-terminal residues of a model peptide: targets for cytoprotective hydrazino drugs. *Rapid Communications in Mass Spectrometry*. 21 (7): 1155-1164.
- Kamleh WR; Bowman PO; Williams AG & Zhang JB 2007. Unquenching effects in the quark and gluon propagator. *Physical Review. D. Particles, Fields, Gravitation and Cosmology*. 76 (9): 094501-1-094501-9.
- Kang J; Cho H; Park C; Yun S; Kim J; Broker GA; Smyth DR & Tiekink ERT 2007. Supramolecular aggregation of mononuclear triorganophosphinegold(I) 2-mercaptobenzamides: Solution structures, thermal decomposition, and photoluminescence. *Inorganic Chemistry*. 46 (20): 8228-8237.

- Kelly MT; Veitch PJ; Brooks AF & Munch J 2007. Accurate and precise optical testing with a differential Hartmann wavefront sensor. *Applied Optics*. 46 (6): 861-866.
- Kizilersu A; Leinweber DB; Skullerud JI & Williams AG 2007. Quark-gluon vertex in general kinematics. *European Physical Journal C*. 50 (4): 871-875.
- Lassoock BG; Hedditch JN; Kamleh WR; Leinweber DB; Melnitchouk W; Williams AG & Zanotti JM 2007. Even parity excitations of the nucleon in lattice QCD. *Physical Review. D. Particles, Fields, Gravitation and Cosmology*. 76 (5): 054510-01-054510-08.
- Lassoock BG; Leinweber DB & Williams AG 2007. Exotic hadrons on the lattice. *Progress of Theoretical Physics Supplement*. Supplement (168): 36-44.
- Lee MW; Grillet C; Smith CLC; Moss DJ; Eggleton BJ; Freeman D; Luther-Davies B; Madden S; Rode A; Ruan Y & Lee Y 2007. Photosensitive post tuning of chalcogenide photonic crystal waveguides. *Optics Express*. 15 (3): 1277-1285.
- Lee T; Lee IW; Min D & Park B 2007. Chiral radiative corrections and the D-s(2317)/D(2308) mass puzzle. *European Physical Journal C*. 49 (3): 737-741.
- Lieberman RS; Riggan DM; Orland D; Nesbitt SW & Vincent RA 2007. Variability of mesospheric diurnal tides and tropospheric diurnal heating during 1997-1998. *Journal of Geophysical Research*. 112 (20): D20110-01-.
- Maclean MJ; Fitzgerald M & Bowie JH 2007. Interstellar molecule CCCN may be formed by charge-stripping of [CCCN](-) in the gas phase, and when energized, undergoes loss of C with partial carbon scrambling. *Journal of Physical Chemistry A*. 111 (50): 12932-12937.
- Maltman K & Wolfe CE 2007. Joint extraction of ms and Vus from hadronic t decays. *Physics Letters B*. 650: 27-32. <http://digital.library.adelaide.edu.au/dspace/handle/2440/45572>
- Mathad RI; Jaun B; Fogel O; Gardiner J; Loweneck M; Codee JDC; Seeberger PH; Seebach D; Edmonds MK; Graichen F & Abell AD 2007. NMR-solution structures of fluoro-substituted α -peptides: A 3 14-helix and a hairpin turn. The first case of a 90° O=C-C-F dihedral angle in an α -fluoro-amide group. *Helvetica Chimica Acta*. 90 (12): 2251-2273. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42098>
- McCarthy AR; Hartmann RW & Abell AD 2007. Evaluation of 4'-substituted bicyclic pyridones as non-steroidal inhibitors of steroid 5 α -reductase. *Bioorganic & Medicinal Chemistry Letters*. 17 (13): 3603-3607. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42095>
- Meehan S; Knowles TPJ; Baldwin AJ; Smith JF; Squires AM; Clements PR; Treweek TM; Ecroyd HW; Tartaglia GG; Vendruscolo M; MacPhee CE; Dobson CM & Carver JA 2007. Characterisation of amyloid fibril formation by small heat-shock chaperone proteins human α A-, α B- and R120G α B-Crystallins. *Journal of Molecular Biology*. 372 (2): 470-484.
- Mohammadi M & Bezak E 2007. Evaluation of MLC leaf positioning using a scanning liquid ionization chamber EPID. *Physics in Medicine and Biology*. 52 (1): N21-N33. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43094>
- Mohammadi M; Bezak E & Reich PD 2007. The use of extended dose range film for dosimetric calibration of a scanning liquid-filled ionization chamber electronic portal imaging device. *Journal of Applied Clinical Medical Physics*. 8 (1): 69-84.
- Monro TM 2007. Optical fibres - Beyond the diffraction limit. *Nature Photonics*. 1 (2): 89-90.
- Morris JC; Nicholas GM & Phillips AJ 2007. Marine natural products: synthetic aspects. *Natural Product Reports*. 24 (1): 87-108. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42953>
- Morris RJ; Murphy DJ; Klekociuk AR & Holdsworth DA 2007. First complete season of PMSE observations above Davis, Antarctica, and their relation to winds and temperatures. *Geophysical Research Letters*. 34 (5): L05805-1-L05805-5.
- Morton JP; Bhat MK; Kovendy A & Williams TJ 2007. Evaluation of MOSFETs for entrance dose dosimetry for 6 and 10 MV photons with a custom made build up cap. *Australasian Physical and Engineering Sciences in Medicine*. 30 (2): 120-126.
- Morton JP; Bhat MK; Williams TJ & Kovendy A 2007. Clinical results of entrance dose in vivo dosimetry for high energy photons in external beam radiotherapy using MOSFETs. *Australasian Physical and Engineering Sciences in Medicine*. 30 (4): 252-259. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43851>
- Murphy DJ; French WJR & Vincent RA 2007. Long-period planetary waves in the mesosphere and lower thermosphere above Davis, Antarctica. *Journal of Atmospheric and Solar-Terrestrial Physics*. 69 (17-18): 2118-2138.
- Ndi CP; Semple SJ; Griesser HJ; Pyke SM & Barton MD 2007. Antimicrobial compounds from the Australian desert plant *Eremophila neglecta*. *Journal of Natural Products*. 70 (9): 1439-1443.
- Ndi CP; Semple SJ; Griesser HJ; Pyke SM & Barton MD 2007. Antimicrobial compounds from *Eremophila serrulata*. *Phytochemistry*. 68 (21): 2684-2690.

- Paulik MG; Brooksby PA; Abell AD & Downard AJ 2007. Grafting aryl diazonium cations to polycrystalline gold: Insights into film structure using gold oxide reduction, redox probe electrochemistry, and contact angle behavior. *The Journal of Physical Chemistry Part C: Nanomaterials and Interfaces*. 111 (21): 7808-7815.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/42097>
- Pearson D; Downard AJ; Muscroft-Taylor A & Abell AD 2007. Reversible photoregulation of binding of α -chymotrypsin to a gold surface. *Journal of the American Chemical Society*. 129 (48): 14862-14863.
- Pedersen DS; Taylor DK & Tiekink ERT 2007. tert-butyl N-(3,6-dihydro-1,2-dioxin-4-ylmethyl) carbamate. *Acta Crystallographica Section E-Structure Reports Online*. E63 (Part 11): O4301-01-O4301-11.
- Prescott JR; Williams F & Hunt CD 2007. Comparison of TL multiple aliquot, single grain GLSL SAR and C-14 ages for the Puritjarra, Australia, rock shelter. *Quaternary Geochronology*. 2 (1-4 Sp Iss): 344-349.
- Price JH; Monro TM; Ebendorff-Heidepriem H; Poletti F; Horak P; Finazzi V; Leong JY; Petropoulos P; Flanagan JC; Brambilla G; Feng X & Richardson DJ 2007. Mid-IR supercontinuum generation from nonsilica microstructured optical fibers. *IEEE Journal of Selected Topics in Quantum Electronics*. 13 (3): 738-749.
- Pukala TL; Boland MP; Gehman JD; Kuhn-Nentwig L; Separovic F & Bowie JH 2007. Solution structure and interaction of cupiennin 1a, a spider venom peptide, with phospholipid bilayers. *Biochemistry*. 46 (11): 3576-3585.
- Pukala TL; Doyle J; Llewellyn LE; Kuhn-Nentwig L; Apponyi MA; Separovic F & Bowie JH 2007. Cupiennin 1a, an antimicrobial peptide from the venom of the neotropical wandering spider *Cupiennius salei*, also inhibits the formation of nitric oxide by neuronal nitric oxide synthase. *FEBS Journal*. Online: WWW 1-WWW 7.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/42950>
- Read JR & Kable SH 2007. Educational analysis of the first year chemistry experiment Thermodynamics Think-In': An ACELL experiment. *Chemistry Education: Research and Practice*. 8 (2): 255-273.
- Reid IM & Woithe JM 2007. The variability of 558 nm OI nightglow intensity measured over Adelaide, Australia. *Advances in Space Research*. 39 (8): 1237-1247.
- Rekas A; Jankova L; Thorn DC; Cappai R & Carver JA 2007. Monitoring the prevention of amyloid fibril formation by a-crystallin: Temperature dependence and the nature of the aggregating species. *FEBS Journal*. 274 (24): 6290-6305.
- Robinson AV; Taylor DK & Tiekink ERT 2007. (+)-(1R,2S,3S,4S)-2-Chloro-3-(phenylselanyl)cyclohexane-1,4-diol. *Acta Crystallographica Section E-Structure Reports Online*. 63 Part 7 (O3350): WWW 1-WWW 11.
- Ruan Y; Kim M; Lee Y; Luther-Davies B & Rode A 2007. Fabrication of high-Q chalcogenide photonic crystal resonators by e-beam lithography. *Applied Physics Letters*. 90 (7): 071102-1-071102-3.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/42951>
- Ruan Y; Schartner EP; Ebendorff-Heidepriem H; Hoffmann P & Monro TM 2007. Detection of quantum-dot labeled proteins using soft glass microstructured optical fibers. *Optics Express*. 15 (26): 17819-17826.
- Rutten TP; Veitch PJ; d'Orgeville C & Munch J 2007. Injection mode-locked guide star laser concept and design verification experiments. *Optics Express*. 15 (5): 2369-2374.
- Rutten TP; Wild NR & Veitch PJ 2007. Fast rise time, long pulse width, kilohertz repetition rate Q-switch driver. *Review of Scientific Instruments*. 78 (7): 073108-1-073108-2.
- Sandford DJ; Mitchell NJ; Vincent RA & Murphy DJ 2007. The lunar tides in the Antarctic mesosphere and lower thermosphere. *Journal of Atmospheric and Solar-Terrestrial Physics*. 69 (17-18): 2219-2237.
- Sinclair CE; Greenhalgh SA & Zhou B 2007. 2.5D modelling of elastic waves in transversely isotropic media using the spectral element method. *Exploration Geophysics*. 38 (4): 225-234.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/42860>
- Smith CLC; Wu DKC; Lee MW; Monat C; Tomljenovic-Hanic S; Grillet C; Eggleton BJ; Freeman D; Ruan Y; Madden S; Luther-Davies B; Giessen H & Lee Y 2007. Microfluidic photonic crystal double heterostructures. *Applied Physics Letters*. 91 (12): 121103-01-121103-3.
- Stevenson MA; Lohmann B; Bray I; Fursa DV & Stelbovics AT 2007. Single ionization of helium by 730-eV electrons. *Physical Review A*. 75 (3): 034701-1-034701-2.
- Sumbly CJ & Hardie MJ 2007. 2,3,7,8,12,13-Hexahydroxy-10,15-dihydro-5H-tribenzo[a,d,g]cyclononene acetone disolvate. *Acta Crystallographica Section E-Structure Reports Online*. 63 (4): O1537-O1539.
- Sumbly CJ & Steel PJ 2007. Mono- and dinuclear ruthenium complexes of bridging ligands incorporating two di-2-pyridylamine motifs: Syntheses, spectroscopy and electrochemistry. *Polyhedron*. 26 (18): 5370-5381.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/44812>
- Thilagam A & Lohe MA 2007. Coherent states and their time dependence in fractional dimensions. *Journal of Physics A: Mathematical and Theoretical (Print Edition)*. 40 (35): 10915-10933.

- Treweek TM; Ecroyd HW; Williams DM; Meehan S; Carver JA & Walker MJ 2007. Site-directed mutations in the C-terminal extension of human α B-Crystalline affect chaperone function and block amyloid fibril formation. *PLoS One*. e1046 (10): 1-10. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43098>
- Tuckwell WM & Bezak E 2007. Calculation of the positron distribution from ^{15}O nuclei formed in nuclear reactions in human tissue during proton therapy. *Physics in Medicine and Biology*. 52 (9): 2483-2498.
- Vaccaro SR 2007. Nonlinear drift-diffusion model of gating in K and nACh ion channels. *Physics Letters A*. 368 (6): 480-485.
- Vaccaro SR 2007. Nonlinear drift-diffusion model of gating in the fast CI channel. *Physical Review E. (Statistical, Nonlinear, and Soft Matter Physics)*. 76 (1): 011923-1-011923-6.
- Valente JV; Buntine MA; Lincoln SF & Ward AD 2007. UV-Vis and fluorimetric Al^{3+} , Zn^{2+} , Cd^{2+} and Pb^{2+} complexation studies of two 3-hydroxyflavones and a 3-hydroxythioflavone. *Inorganica Chimica Acta*. 360 (10): 3380-3386.
- Vincent RA; Hertzog A; Boccara G & Vial F 2007. Quasi-Lagrangian superpressure balloon measurements of gravity-wave momentum fluxes in the polar stratosphere of both hemispheres. *Geophysical Research Letters*. 34 (19): L19804-1-L19804-5.
- Wang P; Leinweber DB; Thomas AW & Young RD 2007. Chiral extrapolation of nucleon magnetic form factors. *Physical Review. D. Particles, Fields, Gravitation and Cosmology*. 75 (7): 073012-1-073012-10.
- Wang P; Thomas AW & Williams AG 2007. Phase transition from hadronic matter to quark matter. *Physical Review C*. 75 (4): 045202-1-045202-9.
- Yerbury JJ; Poon S; Meehan S; Thompson B; Kumita JR; Dobson CM & Wilson MR 2007. The extracellular chaperone clusterin influences amyloid formation and toxicity by interacting with prefibrillar structures. *FASEB Journal*. 21 (10): 2312-2322.
- Yost SA; Aharonian FA; Akerlof CW; Ashley MCB; Barthelmy S; Gehrels N; Gogus E; Guver T; Horns D; Kiziloglu U; Krimm HA; McKay TA; Ozel M; Phillips A; Quimby RM; Rowell GP; Rujopakarn W; Rykoff ES; Schaefer BE; Rowell DA; Swan HF; Vestrand WT; Wheeler JC; Wren J & Yuan F 2007. The dark side of ROTSE-III prompt GRB observations. *Astrophysical Journal*. 669 (2 Part 1): 1107-1114.
- Young RD; Carlini RD; Williams AG & Roche J 2007. Testing the standard model by precision measurement of the weak charges of quarks. *Physical Review Letters*. 99 (12): 122003-1-122003-4.
- Zaman S; Kitamura M & Abell AD 2007. Synthesis of 5-phenyl 2-functionalized pyrroles by amino Heck and Tandem amino Heck carbonylation reactions. *Australian Journal of Chemistry*. 60 (8): 624-626. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42096>
- Zhe J; Greenhalgh SA & Marescot L 2007. Multichannel, full waveform and flexible electrode combination resistivity-imaging system. *Geophysics*. 72 (2): F57-F64.
- Zilm PS; Bagley CJ; Rogers AH; Milne IR & Gully NJ 2007. The proteomic profile of *Fusobacterium nucleatum* is regulated by growth pH. *Microbiology*. 153 Part 1: 148-159. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42946>

Conference Publication Paper

- Aarts G; Allton CR; Morrin R; Cass AF; Oktay MB; Peardon M & Skullerud JI 2007. Charmonium spectral functions in two-flavour QCD. 7th International Conference on Strong and Electroweak Matter 2006, Frithjof Karsch (eds), 198-201. Brookhaven National Laboratory, Upton, NY. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42038>
- Abdul Hamid NAW & Coddington PD 2007. Analysis of algorithm selection for optimizing collective communication with MPICH for ethernet and myrinet networks. PDCAT 2007, David S Munro (eds), 133-140. Adelaide, Australia. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44931>
- Atakaramians S; Afshar Vahid S; Fischer BM; Abbott DZ & Monro TM 2007. Loss mechanisms for T-ray microwires. IRMMW-THz2007, Bob Miles (eds), 811-812. Cardiff, Wales. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44746>
- Atakaramians S; Afshar Vahid S; Fischer BM; Ebendorff-Heidepriem H; Monro TM & Abbott DZ 2007. Microwire fibers for low loss THz transmission. *Smart Materials, Nano- and Micro-Smart Systems*, Said F Al-Sarawi (eds), 1-7. Adelaide, Australia. <http://digital.library.adelaide.edu.au/dspace/handle/2440/39858>
- Berge D; Aharonian FA; Hofmann W; Lemoine-Goumard M; Reimer O; Rowell GP & Volk HJ 2007. Primary particle acceleration above 100 TeV in the shell-type supernova remnant RX J1713.7-3946 with deep HESS observations. ICRC'07, R Bellazzini (eds), 235-243. Mexico.

- Bogolubsky IL; Ilgenfritz EM; Muller-Preussker M & Sternbeck A 2007. The Landau gauge gluon and ghost propagators in 4D SU(3) gluodynamics in large lattice volumes. The XXV International Symposium on Lattice Field Theory, Gunnar Bali, Vladimir Braun, Christof Gattringer, Meinuff Gockeler, Anreas Schafer, peter Weisz, Tilo Wettig (eds), 2916-2944. University of Regensburg, Germany.
- de Naurois M & Rowell GP 2007. Observation of orbital modulation of the VHE emission from the binary system LS 5039 with H.E.S.S.. ICRC'07, R Bellazzini (eds), 54-57. Mexico.
- Domainko W; Benbow W; Hinton JA; Martineau-Huynh O; de Naurois M; Nedbal D; Pedaletti G & Rowell GP 2007. H.E.S.S. observations of galaxy clusters. ICRC'07, R Bellazzini (eds), 177-180. Mexico.
- Duan GL; Zhu Y; Liu X & Reid RJ 2007. New strategies for reducing arsenic accumulation in rice grains. 9th International conference on the biogeochemistry of trace elements (ICOBTE), YG Zhu, N Lepp, R Naidu (eds), 730-731. Beijing. <http://digital.library.adelaide.edu.au/dspace/handle/2440/46164>
- Fiasson A; Hinton JA; Gallant YA; Marcowith A; Reimer O & Rowell GP 2007. The Monoceros very-high-energy gamma-ray source. ICRC'07, R Bellazzini (eds), 22-25. Mexico.
- Fischer CS; Alkofer R; Maas A; Pawlowski JM & Von Smekal LJM 2007. Large volume behaviour of Yang-Mills propagators. The XXV International Symposium on Lattice Field Theory, Gunnar Bali, Vladimir Braun, Christof Gattringer, Meinuff Gockeler, Anreas Schafer, peter Weisz, Tilo Wettig (eds), 2916-2944. University of Regensburg, Germany.
- Foley J; Cass AF; Peardon M & Ryan SM 2007. Static-light mesons on a dynamical anisotropic lattice. International Conference on Quarks and Nuclear Physics (4th : 2006 : Madrid, Spain), A. Dobado, F.J. Llanes-Estrada and V. Vento (eds), www1-www3. Madrid, Spain. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42035>
- Galang GC; Coddington PD; Fraser R; Jones RN & Sharpe A 2007. Experiences in deploying an MDS4 Grid Information System on the Australian National Grid. APAC 2007, J O'callaghan (eds), 1-9. Perth. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44639>
- Ghiotti M; Von Smekal LJM & Williams AG 2007. Extended double lattice BRST, Curci-Ferrari mass and the neuberger problem. QUARK CONFINEMENT AND THE HADRON SPECTRUM VII: 7th Conference on Quark Confinement and the Hadron Spectrum, QCHS7, JEFT Ribeiro (eds), 180-182. Ponta Delgada, Acores.
- Horns D; Rowell GP; Aharonian FA; Gabici S; Santangelo A & Schwarzburg S 2007. Search for very high energy gamma-ray emission from parts of the Gould belt with the H.E.S.S. ground based Cherenkov telescopes. ICRC'07, R Bellazzini (eds), 118-121. Mexico.
- Jansen K; Lombardo P; Philipsen O; Zeidlewicz L & Sternbeck A 2007. Twisted mass QCD at finite temperature. The XXV International Symposium on Lattice Field Theory, Gunnar Bali, Vladimir Braun, Christof Gattringer, Meinuff Gockeler, Anreas Schafer, peter Weisz, Tilo Wettig (eds), 2916-2944. University of Regensburg, Germany.
- Kelly PM; Coddington PD & Wendelborn AL 2007. A distributed virtual machine for parallel graph reduction. PDCAT 2007, David S Munro (eds), 1-8. Adelaide, Australia. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44930>
- Maltman K 2007. OPE constraints and the leading order hadronic contribution to $(g-2)_\mu$. HCP2007, Giovanni Batignani (eds), 244-249. Italy. <http://digital.library.adelaide.edu.au/dspace/handle/2440/45636>
- Moran PJ & Leinweber DB 2007. Aspects of QCD vacuum structure. The XXV International Symposium on Lattice Field Theory, Gunnar Bali, Vladimir Braun, Christof Gattringer, Meinuff Gockeler, Anreas Schafer, peter Weisz, Tilo Wettig (eds), 2916-2944. University of Regensburg, Germany.
- O Cais A; Kamleh WR; Lassoock BG; Leinweber DB; Von Smekal LJM & Langfeld K 2007. Centre vortices in SU(3). The XXV International Symposium on Lattice Field Theory, Gunnar Bali, Vladimir Braun, Christof Gattringer, Meinuff Gockeler, Anreas Schafer, peter Weisz, Tilo Wettig (eds), 2916-2944. University of Regensburg, Germany.
- Oliveira O; Silva PJ; Ilgenfritz EM & Sternbeck A 2007. The gluon propagator from large asymmetric lattices. The XXV International Symposium on Lattice Field Theory, Gunnar Bali, Vladimir Braun, Christof Gattringer, Meinuff Gockeler, Anreas Schafer, peter Weisz, Tilo Wettig (eds), 2916-2944. University of Regensburg, Germany.
- Prescott JR & Creighton DF 2007. Thermoluminescence spectra of quartz from single crystals. 15th Australian Conference on Nuclear & Complementary Techniques of Analysis and the 9th Vacuum Society of Australia Congress, - (eds), 268-271. Melbourne. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44621>
- Reid RJ; Liu X & Zhu Y 2007. Rapid uptake of arsenite (AsIII) into barley roots. 9th International conference on the biogeochemistry of trace elements (ICOBTE), YG Zhu, N Lepp, R Naidu (eds), 869-870. Beijing. <http://digital.library.adelaide.edu.au/dspace/handle/2440/46165>
- Rowell GP; Brion E; Reimer O; Moriguchi Y; Fukui Y; Djannati-Atai A & Funk S 2007. Discovery of very high energy gamma-ray emission in the W 28 (G6.4-0.1) region, and multiwavelength comparisons. ICRC'07, R Bellazzini (eds), 18-21. Mexico. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44656>

- Schartner EP; Ruan Y; Hoffmann P & Monro TM 2007. An optical fibre protein sensor. COIN ACOFT, - (eds), 1-4. Melbourne. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44650>
- Sternbeck A; Maltman K; Von Smekal LJM; Williams AG; Ilgenfritz EM & Muller-Preussker M 2007. Running as from Landau-gauge gluon and ghost correlations. The XXV International Symposium on Lattice Field Theory, Gunnar Bali, Vladimir Braun, Christof Gattringer, Meinuff Gockeler, Anreas Schafer, peter Weisz, Tilo Wettig (eds), 2916-2944. University of Regensburg, Germany.
- Sternbeck A; Von Smekal LJM; Leinweber DB & Williams AG 2007. Comparing SU(2) to SU(3) gluodynamics on large lattices. The XXV International Symposium on Lattice Field Theory, Gunnar Bali, Vladimir Braun, Christof Gattringer, Meinuff Gockeler, Anreas Schafer, peter Weisz, Tilo Wettig (eds), 2916-2944. University of Regensburg, Germany.
- Tam PH; Chadwick PM; Gallant YA; Horns D; Puhlhofer G; Rowell GP & Wagner SJ 2007. Gamma-ray burst observations with the H.E.S.S. air Cherenkov array. ICRC'07, R Bellazzini (eds), 157-159. Mexico.
- Voigt A; Ilgenfritz EM; Muller-Preussker M & Sternbeck A 2007. Coulomb gauge studies of SU (3) Yang-Mills theory on the lattice. The XXV International Symposium on Lattice Field Theory, Gunnar Bali, Vladimir Braun, Christof Gattringer, Meinuff Gockeler, Anreas Schafer, peter Weisz, Tilo Wettig (eds), 2916-2944. University of Regensburg, Germany.
- Von Smekal LJM; Mehta DB; Sternbeck A & Williams AG 2007. Modified lattice landau gauge. The XXV International Symposium on Lattice Field Theory, Gunnar Bali, Vladimir Braun, Christof Gattringer, Meinuff Gockeler, Anreas Schafer, peter Weisz, Tilo Wettig (eds), 2916-2944. University of Regensburg, Germany.
- Zhang D; Coddington PD & Wendelborn AL 2007. Data transfer performance issues for a web services interface to synchrotron experiments. 16th International Symposium on High Performance Distributed Computing 2007, HPDC'07 and Co-Located Workshops, Kenneth Chiu (eds), 59-66. Monterey, CA.
- Zhang D; Coddington PD & Wendelborn AL 2007. Binary data transfer performance over high-latency networks using web service attachments. e-Science 2007, Geoffrey Fox, Kenneth Chiu, Rajkumar Buyya (eds), 1-8. Bangalore, India. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44939>

School of Earth and Environmental Sciences

Book

- Sodhi NS; Brook BW & Bradshaw CJA 2007. Topical conservation biology. Blackwell Publishers Inc. ISBN 9781405150736 <http://digital.library.adelaide.edu.au/dspace/handle/2440/45617>
- Stevens NB; Stephens CJ; Iqbal M; Jennings JT & Austin AD 2007. What wasp is that? An interactive identification guide to the Australian families of hymenoptera. Australian Biological Resources Study. ISBN 978-0-642-56851-9 <http://digital.library.adelaide.edu.au/dspace/handle/2440/45616>
- Twidale CR 2007. Ancient Australian landscapes. Rosenberg Publishing Pty Ltd. ISBN 978-1877085448 <http://digital.library.adelaide.edu.au/dspace/handle/2440/45618>

Book Chapter

- Brook BW 2007. Extinction - Past and Present. in (eds) *Ecoscience*, 11-22, Australia: Sydney University Press. ISBN 978-1-86487-891-2 <http://digital.library.adelaide.edu.au/dspace/handle/2440/46336>
- Brook BW 2007. The Future of Biodiversity in a Changing World. in (eds) *Ecoscience*, 23-35, Australia: Sydney University Press. ISBN 978-1-86487-891-2 <http://digital.library.adelaide.edu.au/dspace/handle/2440/46197>
- Burton TC & Tyler MJ 2007. Soft tissues in phylogenetic studies of anurans. in (eds) *Amphibian Biology Vol. 7: Systematics*, 2436-2464, NSW, Australia: Surrey Beatty. ISBN 0980311314 <http://digital.library.adelaide.edu.au/dspace/handle/2440/46196>
- Dickie LA; Bonner JP & West CD 2007. In situ and ex situ conservation: blurring the boundaries between zoos and the wild. in (eds) *Zoos in the 21st Century*, 220-235, UK: Cambridge University Press. ISBN 978-0-521-85333-0 <http://digital.library.adelaide.edu.au/dspace/handle/2440/46067>
- Gillanders B 2007. Linking Terrestrial-Freshwater and Marine Environments: an Example from Estuarine Systems. in (eds) *Marine Ecology*, 252-278, Melbourne, Victoria: Oxford University Press. ISBN 9780195553024 <http://digital.library.adelaide.edu.au/dspace/handle/2440/46168>
- Gillanders B 2007. Seagrass. in (eds) *Marine Ecology*, 457-484, Melbourne, Victoria: Oxford University Press. ISBN 9780195553024 <http://digital.library.adelaide.edu.au/dspace/handle/2440/46167>
- Hatchwell M; Rubel A; Dickie LA; West CD & Zimmermann A 2007. Conclusion: the future of zoos. in (eds) *Zoos in the 21st Century*, 343-360, Cambridge, UK: Cambridge University Press. ISBN 978-0-521-85333-0 <http://digital.library.adelaide.edu.au/dspace/handle/2440/46337>

- Heinson GS 2007. EM, Industrial uses. in (eds) Encyclopedia of Geomagnetism and Paleomagnetism, 223-227, The Netherlands: Springer. ISBN 978-1-4020-3992-8 <http://digital.library.adelaide.edu.au/dspace/handle/2440/46194>
- Kowalchuk GA; Austin JJ; Gooding PS & Stephen J 2007. Valid Recovery of Nucleic Acid Sequence Information from High Contamination Risk Samples - Ancient DNA and Environmental DNA. in (eds) Perspectives In Bioanalysis - Volume 2 - New High Throughput Technologies For DNA Sequencing And Genomics, 357-372, The Netherlands: Elsevier Ltd. ISBN 978-0-444-52223-8 <http://digital.library.adelaide.edu.au/dspace/handle/2440/45614>
- Leader-Williams N; Balmford A; Linkie M; Mace GM; Smith RJ; Stevenson M; Walter O; West CD & Zimmermann A 2007. Beyond the ark: conservation biologists' views of the achievements of zoos in conservation. in (eds) Zoos in the 21st Century, 236-256, UK: Cambridge University Press. ISBN 978-0-521-85333-0 <http://digital.library.adelaide.edu.au/dspace/handle/2440/46270>
- Mace GM; Balmford A; Leader-Williams N; Manica A; Walter O; West CD & Zimmermann A 2007. Measuring conservation success: assessing zoos' contribution. in (eds) Zoos in the 21st Century, 322-342, UK: Cambridge University Press. ISBN 978-0-521-85333-0 <http://digital.library.adelaide.edu.au/dspace/handle/2440/46166>
- Marschner P 2007. Soil microbial community structure and function assessed by FAME, PLFA and DGGE - Advantages and limitations. in (eds) Advanced Techniques in Soil Microbiology, 181-200, USA: Springer-Verlag. ISBN 978-3-540-70864-3 <http://digital.library.adelaide.edu.au/dspace/handle/2440/46190>
- Marschner P 2007. Plant-Microbe Interactions in the Rhizosphere and Nutrient Cycling. in (eds) Nutrient Cycling in Terrestrial Ecosystems, 159-182, New York: Springer-Verlag. ISBN 978-3-540-68026-0 <http://digital.library.adelaide.edu.au/dspace/handle/2440/46193>
- McNeill AM & Unkovich MJ 2007. The Nitrogen Cycle in Terrestrial Ecosystems. in (eds) Nutrient Cycling in Terrestrial Ecosystems, 37-64, New York: Springer-Verlag. ISBN 978-3-540-68026-0 <http://digital.library.adelaide.edu.au/dspace/handle/2440/46189>
- Reid RJ 2007. Update on Boron Toxicity and Tolerance in Plants. in (eds) Advances in Plant and Animal Boron, 83-90, The Netherlands: Springer. ISBN 1-4020-5381-9 <http://digital.library.adelaide.edu.au/dspace/handle/2440/46192>
- Reith F & Rogers SL 2007. Exploration Geomicrobiology - The New Frontier. in (eds) Handbook of Exploration and Environmental Geochemistry Vol 9, Biogeochemistry in Mineral Exploration, 393-413, UK: Elsevier Ltd. ISBN 978-0-444-53074-5 <http://digital.library.adelaide.edu.au/dspace/handle/2440/45570>
- Solaiman MZ & Marschner P 2007. DGGE and RISA protocols for microbial community analysis in soil. in (eds) Advanced Techniques in Soil Microbiology, 167-180, USA: Springer-Verlag. ISBN 978-3-540-70864-3 <http://digital.library.adelaide.edu.au/dspace/handle/2440/46191>
- Twidale CR 2007. E.S.T. O'Driscoll, lineaments and ring structures. in (eds) Crustal Structures and Mineral Deposits: E.S.T. O'Driscoll's contribution to mineral exploration, 11-21, Australia: Rosenberg Publishing Pty Ltd. ISBN 9-78187705-8578 <http://digital.library.adelaide.edu.au/dspace/handle/2440/46360>
- Twidale CR 2007. Architecture and ancestry in shield lands. in (eds) From Continent to Catchment - Theories and Practices in Physical Geography - A tribute to Professor Alain Godard, 219-225, France: Presses Universitaires Blaise Pascal. ISBN 978-2-84516-335-5
- Twidale CR & Bourne JA 2007. Lineaments and cryptostructural effects. in (eds) Crustal Structures and Mineral Deposits: E.S.T. O'Driscoll's contribution to mineral exploration, 153-164, Australia: Rosenberg Publishing Pty Ltd. ISBN 9-78187705-8578 <http://digital.library.adelaide.edu.au/dspace/handle/2440/46335>
- West CD & Dickie LA 2007. Introduction: is there a conservation role for zoos in a natural world under fire?. in (eds) Zoos in the 21st Century, 3-11, UK: Cambridge University Press. ISBN 978-0-521-85333-0 <http://digital.library.adelaide.edu.au/dspace/handle/2440/46273>
- Young MD 2007. Linking rural and urban water systems. in (eds) Managing water for Australia: The social and institutional challenges, 85-95, Australia: CSIRO Publishing. ISBN 9 78064309 3928 <http://digital.library.adelaide.edu.au/dspace/handle/2440/46066>
- Young MD; Hajkowicz S; Gaddis EJB & De Groot R 2007. A Decision-Analysis Framework for Proposal Evaluation of Natural Capital Restoration. in (eds) Restoring Natural Capital - Science, Business, and Practice, 237-248, USA: Island Press. ISBN 978-1-59726-076-3 <http://digital.library.adelaide.edu.au/dspace/handle/2440/46827>

Journal Article

- Adams GJ; Both RA & James PR 2007. The Granites gold deposits, Northern Territory, Australia: evidence for an early syn-tectonic ore genesis. Mineralium Deposita. 42 (1-2): 89-105. <http://digital.library.adelaide.edu.au/dspace/handle/2440/45432>

- Adcock DP; McNeill AM; McDonald GK & Armstrong RD 2007. Subsoil constraints to crop production on neutral and alkaline soils in south-eastern Australia: a review of current knowledge and management strategies. *Australian Journal of Experimental Agriculture*. 47 (11): 1245-1261.
- Afshar Mohammadian M; Watling JR & Hill RS 2007. The impact of epicuticular wax on gas-exchange and photoinhibition in *Leucadendron lanigerum* (Proteaceae). *Acta Oecologica-International Journal of Ecology*. 31 (1): 93-101.
- Alton LA; White CR & Seymour RS 2007. Effect of aerial O₂ partial pressure on bimodal gas exchange and air-breathing behaviour in *Trichogaster leeri*. *Journal of Experimental Biology*. 210 (13): 2311-2319.
- Baines AG; Cheadle MJ; Dick HJB; Scheirer AH; Malik AI; Kuszniir NJ & Matsumoto T 2007. Evolution of the Southwest Indian Ridge from 55 degrees 45' E to 62 degrees E: Changes in plate-boundary geometry since 26 Ma - art. no. Q06022. G3: Geochemistry, Geophysics, Geosystems. 8 (6): 6022-6022.
- Barker RM & Conran JG 2007. *Malva preissiana* Miq., an overlooked name for *Lavatera plebeia* Sims (Malvaceae), with a note on variation within the species. *Journal of the Adelaide Botanic Gardens*. 21: 71-72.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/43358>
- Beebe LFS; McIlpatrick SM; Grupen CG; Boquest AC; Harrison SJ; Faast R; Ashman RJ; Wengle JG; Hamilton HM & Nottle MB 2007. A comparison of two in vitro maturation media for use with adult porcine oocytes for adult somatic cell nuclear transfer. *Cloning and Stem Cells*. 9 (4): 564-570.
- Berry OF; Sarre SD; Farrington LW & Aitken N 2007. Faecal DNA detection of invasive species: The case of feral foxes in Tasmania. *Wildlife Research*. 34 (1): 1-7.
- Betts P; Giles D; Schaefer BF & Mark G 2007. 1600-1500 Ma hotspot track in eastern Australia: implications for Mesoproterozoic continental reconstructions. *Terra Nova*. 19 (6): 496-501.
- Bhattacharya P; Welch AH; Stollenwerk KG; McLaughlin MJ; Bundschuh J & Panaullah G 2007. Arsenic in the environment: Biology and Chemistry. *Science of the Total Environment*. 379 (2-3): 109-120.
- Birch WD; Grey IE; Mills SJ; Bougerol C & Pring A 2007. Pittongite, a new tungstate with a mixed-layer, pyrochlore - Hexagonal tungsten bronze structure, from Victoria, Australia. *Canadian Mineralogist*. 45 Pt 4: 857-864.
- Blacker HA; Tsopelas C; Orgeig S; Daniels CB & Chatterton BE 2007. How regenerating lymphatics function: Lessons from lizard tails. *The Anatomical Record. Part B: The New Anatomist*. 290 (1): 108-114.
- Bos DG & Carthew SM 2007. Prey selection by the dasyurid *Ningai yvonneae*. *Wildlife Research*. 34 (8): 632-639.
- Bos DG & Carthew SM 2007. Patterns of movement in the small dasyurid (*Ningai yvonneae*). *Australian Journal of Zoology*. 55 (5): 299-307.
- Braccini JM; Gillanders B; Walker TI & Tovar-Avila J 2007. Comparison of deterministic growth models fitted to length-at-age data of the piked spurdog (*Squalus megalops*) in south-eastern Australia. *Marine and Freshwater Research*. 58 (1): 24-33. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44248>
- Braccini JM; Hamlett WC; Gillanders B & Walker TI 2007. Embryo development and maternal-embryo nutritional relationships of piked spurdog (*Squalus megalops*). *Marine Biology*. 150 (4): 727-737.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/44246>
- Bradshaw CJA; Brook BW & McMahon CR 2007. Dangers of sensationalizing conservation biology. *Conservation Biology*. 21 (3): 570-571.
- Bradshaw CJA; Field IC; Bowman DM; Haynes C & Brook BW 2007. Current and future threats from non-indigenous animal species in northern Australia: A spotlight on World Heritage Area Kakadu National Park. *Wildlife Research*. 34 (6): 419-436.
- Bradshaw CJA; Isagi Y; Kaneko S; Brook BW; Bowman DM & Frankham R 2007. Low genetic diversity in the bottlenecked population of endangered non-native banteng in northern Australia. *Molecular Ecology*. 16 (14): 2998-3008.
- Bradshaw CJA; Sodhi NS; Peh KS-H & Brook BW 2007. Global evidence that deforestation amplifies flood risk and severity in the developing world. *Global Change Biology*. 13 (11): 2379-2395.
- Brock DJ; Hawthorne PJ; Ward T & Linnane AJ 2007. Two monitoring methods that assess species composition and spatio-temporal trends in bycatch from an important temperate rock lobster (*Jasus edwardsii*) fishery. *Marine and Freshwater Research*. 58 (3): 273-285.
- Brook BW & Russell G 2007. Global warming beefed up. *Australasian Science*. Nov/Dec: 37-39.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/47229>
- Brook BW; Rowley N & Flannery TF 2007. Kyoto: doing our best is no longer enough. *Nature*. 450: 478-478.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/44073>

- Broos K; MacDonald LM; Warne MSJ; Heemsbergen D; Barnes M; Bell M & McLaughlin MJ 2007. Limitations of soil microbial biomass carbon as an indicator of soil pollution in the field. *Soil Biology & Biochemistry*. 39 (10): 2693-2695.
- Broos K; Warne MSJ; Heemsbergen D; Stevens DP; Barnes M; Correll R & McLaughlin MJ 2007. Soil factors controlling the toxicity of copper and zinc to microbial processes in Australian soils. *Environmental Toxicology and Chemistry*. 26 (4): 583-590.
- Brotherton PM; Endicott P; Sanchez JJ; Beaumont MA; Barnett R; Austin JJ & Cooper A 2007. Novel high-resolution characterization of ancient DNA reveals C > U-type base modification events as the sole cause of post mortem miscoding lesions. *Nucleic Acids Research*. 35 (17): 5717-5728.
- Brown M; Carthew SM & Cooper SJB 2007. Monogamy in an Australian arboreal marsupial, the yellow-bellied glider (*Petaurus australis*). *Australian Journal of Zoology*. 55 (3): 185-195.
- Brugger J 2007. BeerOz, a set of Matlab routines for the quantitative interpretation of spectrophotometric measurements of metal speciation in solution. *Computers & Geosciences*. 33 (2): 248-261.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/37018>
- Brugger J; Etschmann B; Liu W; Testemale D; Hazemann J; Emerich H; van Beek W & Proux O 2007. An XAS study of the structure and thermodynamics of Cu(I) chloride complexes in brines up to high temperature (400 degrees C, 600 bar). *Geochimica et Cosmochimica Acta*. 71 (20): 4920-4941.
- Brugger J; Meisser N; Krivovichev SV; Armbruster T & Favreau G 2007. Mineralogy and crystal structure of bouazzerite from Bou Azzer, Anti-Atlas, Morocco: Bi-As-Fe nanoclusters containing Fe⁺ in trigonal prismatic coordination. *American Mineralogist*. 92 (10): 1630-1639.
- Bunemann EK; Marschner P; McNeill AM & McLaughlin MJ 2007. Measuring rates of gross and net mineralisation of organic phosphorus in soils. *Soil Biology & Biochemistry*. 39 (4): 900-913.
- Bunemann EK; Marschner P; Smernik RJ; Conyers MK & McNeill AM 2007. Soil organic phosphorus and microbial community composition as affected by 26 years of different management strategies. *Biology and Fertility of Soils*. 44 (5): 717-726.
- Carpenter RJ; Jordan GJ & Hill RS 2007. A toothed lauraceae leaf from the early Eocene of Tasmania, Australia. *International Journal of Plant Sciences*. 168 (8): 1191-1198.
- Carpenter RJ; Jordan GJ; Leigh A & Brodribb TJ 2007. Giant cuticular pores in *Eidothea zoexylocarya* (Proteaceae) leaves. *American Journal of Botany*. 94 (8): 1282-1288.
- Carrick NA & Ostendorf BF 2007. Development of a spatial Decision Support System (DSS) for the Spencer Gulf penaeid prawn fishery, South Australia. *Environmental Modelling & Software*. 22 (2): 137-148.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/37144>
- Chan WS; Recknagel FA; Cao H & Park HD 2007. Elucidation and short-term forecasting of microcystin concentrations in Lake Suwa (Japan) by means of artificial neural networks and evolutionary algorithms. *Water Research*. 41 (10): 2247-2255.
- Chapman TF & Paton DC 2007. Casuarina ecology: factors limiting cone production in the drooping sheoak, *Allocasuarina verticillata*. *Australian Journal of Botany*. 55 (2): 171-177.
- Chen B; Xiao XY; Zhu Y; Smith FA; Xie Z & Smith SE 2007. The arbuscular mycorrhizal fungus *Glomus mosseae* gives contradictory effects on phosphorus and arsenic acquisition by *Medicago sativa* Linn. *Science of the Total Environment*. 379 (2-3): 226-234.
- Chen B; Zhu Y; Duan J; Xiao XY & Smith SE 2007. Effects of the arbuscular mycorrhizal fungus *Glomus mosseae* on growth and metal uptake by four plant species in copper mine tailings. *Environmental Pollution*. 147 (2): 374-380.
- Chen M-M; Zhu Y; Su Y-H; Chen B; Fu B & Marschner P 2007. Effects of soil moisture and plant interactions on the soil microbial community structure. *European Journal of Soil Biology*. 43 (1): 31-38.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/44249>
- Chisholm LA & Whittington ID 2007. The oncomiracidium of *Nasicola klawei* (Monogenea : Capasaliidae : Capsalinae). *Parasitology Research*. 100 (3): 467-471. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42835>
- Chisholm LA & Whittington ID 2007. Review of the capsalinae (Monogenea : Capsaliidae). *Zootaxa*. (1559): 1-30.
- Choi E; Kolesik P; McNeill AM; Collins HM; Zhang Q; Huynh BL; Graham RD & Stangoulis JCR 2007. The mechanism of boron tolerance for maintenance of root growth in barley (*Hordeum vulgare* L.). *Plant Cell and Environment*. 30 (8): 984-993.
- Ciobanu CL; Cook NJ; Mavrogenes J; Damian G & Damian F 2007. (Au)-Pb-Te melts: Annealing-quenching experiments on samples from the Musariu deposit, Brad district, Romania. *Geologian Tutkimuskeskus. Opas*. 53: 5-13.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/45997>

- Ciobanu CL; Cook NJ; Pring A; Damian G & Capraru N 2007. Another look at nagyagite from the type locality, Sacarimb, Romania: Replacement, chemical variation and petrogenetic implications. *Mineralogy and Petrology*. 93 (3-4): 273-307.
- Ciobanu CL; Mavrogenes J; Cook NJ & Shimizu M 2007. Au-Bi-Te melts: Annealing-quenching experiments on material from the Oya gold deposit (Japan). *Geologian Tutkimuskeskus. Opas*. 53: 15-22.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/46334>
- Clark CFP; Hand MP; Kelsey DE & Goscombe BD 2007. Linking crustal reworking to terrane accretion. *Journal of the Geological Society*. 164 (5): 937-940.
- Clark CFP; Kelsey DE & Hand MP 2007. Assembling Proterozoic Australia: Inside out or outside in?. *Gondwana Research*. 11 (4): 575-576.
- Clark TD; Seymour RS; Christian KA; Wells RMG; Baldwin J & Farrell AP 2007. Changes in cardiac output during swimming and aquatic hypoxia in the air-breathing Pacific tarpon. *Comparative Biochemistry and Physiology A-Molecular and Integrative Physiology*. 148 (3): 562-571.
- Coleman MA; Vytopil EG; Goodsell PJ; Gillanders B & Connell SD 2007. Diversity and depth-related patterns of mobile invertebrates associated with kelp forests. *Marine and Freshwater Research*. 58 (7): 589-595.
- Collins AS; Clark CFP; Sajeev K; Santosh M; Kelsey DE & Hand MP 2007. Passage through India: the Mozambique Ocean suture, high-pressure granulites and the Palghat-Cauvery shear zone system. *Terra Nova*. 19 (2): 141-147.
- Collins AS; Santosh M; Braun I & Clark C 2007. Age and sedimentary provenance of the Southern Granulites, South India: U-Th-PbSHRIMP secondary ion mass spectrometry. *Precambrian Research*. 155 (1-2): 125-138.
- Conran JG & Bradbury JH 2007. Aspidistras, amphipods and Oz: Niche opportunism between strangers in a strange land. *Plant Species Biology*. 22 (1): 41-48.
- Conran JG & Lowrie A 2007. The biogeography of *Drosera stricticaulis* (Droseraceae) in Australia: A disjunct 'island' refuge?. *Transactions of the Royal Society of South Australia*. 132 (2): 142-151.
- Conran JG; Jaudzems G & Hallam ND 2007. Droseraceae gland and germination patterns revisited: Support for recent molecular phylogenetic studies. *Carnivorous Plant Newsletter*. 36: 14-20.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/43234>
- Cook NJ; Ciobanu CL & Danushevskiy L 2007. LA-ICP-MS determination of gold in Bi-chalcogenides from four deposits in the Fennoscandian Shield. *Geologian Tutkimuskeskus. Opas*. 53: 23-30.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/46565>
- Cook NJ; Ciobanu CL & Howard WR 2007. Bi-tellurides in gold veins, BiTel Knoll (CLY prospect), southeastern British Columbia, Canada. *Geologian Tutkimuskeskus. Opas*. 53: 31-37.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/46065>
- Cook NJ; Ciobanu CL; Stanley CJ; Paar WH & Sundblad K 2007. Compositional data for Bi-Pb tellurosulfides. *Canadian Mineralogist*. 45 Part 3: 417-435.
- Cook NJ; Ciobanu CL; Wagner T & Stanley CJ 2007. Minerals of the system Bi-Te-Se-S related to the tetradymite archetype: Review of classification and compositional variation. *Canadian Mineralogist*. 45 Pt 4: 665-708.
- Cookson WR; Osman M; Marschner P; Abaye DA; Clark IM; Murphy DV; Stockdale EA & Watson CA 2007. Controls on soil nitrogen cycling and microbial community composition across land use and incubation temperature. *Soil Biology & Biochemistry*. 39 (3): 744-756. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43083>
- Cooper SJB; Bradbury JH; Saint KM; Leijs R; Austin AD & Humphreys WF 2007. Subterranean archipelago in the Australian arid zone: mitochondrial DNA phylogeography of amphipods from central Western Australia. *Molecular Ecology*. 16 (7): 1533-1544.
- Crook DA; O'Mahony D; Gillanders B; Munro AR & Sanger AC 2007. Production of external fluorescent marks on golden perch fingerlings through osmotic induction marking with alizarin red S. *Northern American Journal of Fisheries Management*. 27 (2): 670-675.
- Crossman ND; Bryan BA; Ostendorf BF & Collins SA 2007. Systematic landscape restoration in the rural-urban fringe: meeting conservation planning and policy goals. *Biodiversity and Conservation*. 16 (13): 3781-3802.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/39942>
- Crossman ND; Perry LM; Bryan BA & Ostendorf BF 2007. CREDOS: A Conservation Reserve Evaluation and Design Optimisation System. *Environmental Modelling & Software*. 22 (4 Sp. Iss): 449-463.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/42837>
- Daly RI; Ho LSW & Brookes JD 2007. Effect of chlorination on *Microcystis aeruginosa* cell integrity and subsequent microcystin release and degradation. *Environmental Science & Technology*. 41 (12): 4447-4453.

- Dart RC; Barovich KM; Chittleborough DJ & Hill SM 2007. Calcium in regolith carbonates of central and southern Australia: Its source and implications for the global carbon cycle. *Palaeogeography Palaeoclimatology Palaeoecology*. 249 (3-4): 322-334.
- Deegan BM; White SD & Ganf GG 2007. The influence of water level fluctuations on the growth of four emergent macrophyte species. *Aquatic Botany*. 86 (4): 309-315.
- Demidjuk Z; Turner SP; Sandiford MA; George R; Foden JD & Etheridge M 2007. U-series isotope and geodynamic constraints on mantle melting processes beneath the Newer Volcanic Province in South Australia. *Earth and Planetary Science Letters*. 261 (3-4): 517-533.
- Denton MD; Hill CR; Bellotti WD & Coventry DR 2007. Nodulation of *Medicago truncatula* and *Medicago polymorpha* in two pastures of contrasting soil pH and rhizobial populations. *Applied Soil Ecology*. 35 (2): 441-448.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/40724>
- Dickson S; Smith FA & Smith SE 2007. Structural differences in arbuscular mycorrhizal symbioses: more than 100 years after Gallaud, where next?. *Mycorrhiza*. 17 (5): 375-393.
- Dureen NG & Lyons P 2007. Regional crustal setting of iron oxide Cu-Au mineral systems of the Olympic Dam region, south Australia: Insights from potential-field modeling. *Economic Geology and the Bulletin of the Society of Economic Geologists*. 102 (8): 1397-1414.
- Dougherty WJ; Smernik RJ; Bunemann EK & Chittleborough DJ 2007. On the use of hydrofluoric acid pretreatment of soils for phosphorus-31 nuclear magnetic resonance analyses. *Soil Science Society of America Journal*. 71 (4): 1111-1118.
- Doughty P; Maryan B; Donnellan SC & Hutchinson MN 2007. A new species of taipan (Elapidae : *Oxyuranus*) from central Australia. *Zootaxa*. 1422: 45-58.
- Doughty P; Maryan B; Melville J & Austin JJ 2007. A new species of *Ctenophorus* (Lacertilia: Agamidae) from Lake Disappointment, Western Australia. *Herpetologica*. 63 (1): 72-86.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/43087>
- Druery GV; Shimmin GA; Taggart DA; Temple-Smith PD; Breed WG; McDonald CH; Finlayson GR & Paris M 2007. Ovarian follicular superstimulation and oocyte maturation in the anoestrous southern hairy-nosed wombat, *Lasiorhinus latifrons*. *Animal Reproduction Science*. 99 (3-4): 363-376.
- Elburg MA; Kamenetsky V; Foden JD & Sobolev AV 2007. The origin of medium-K ankaramitic arc magmas from Lombok (Sunda arc, Indonesia): Mineral and melt inclusion evidence. *Chemical Geology*. 240 (3-4): 260-279.
- Elliott LP & Brook BW 2007. Revisiting Chamberlin: Multiple working hypotheses for the 21st century. *Bioscience*. 57 (7): 608-614.
- Etschmann B; Ryan CG; Vogt S; Maser J; Brugger J; Harland C & Legnini D 2007. Selective x-ray Bragg spectrometry: optimizing fluorescence microprobe sensitivity for precious metals. *X-ray Spectrometry*. 36 (2): 111-121.
- Farrell AP; Simonot DL; Seymour RS & Clark TD 2007. A novel technique for estimating the compact myocardium in fishes reveals surprising results for an athletic air-breathing fish, the Pacific tarpon. *Journal of Fish Biology*. 71 (2): 389-398.
- Favreau G; Dietrich JE; Meisser N; Brugger J; Haddouch LA; Maacha L; Kampf A; Devonard B; Sarp H; Parodi GC & Wei S 2007. Famous mineral localities: Bou Azzer, Morocco. *The Mineralogical Record*. 38 (5): 345-407.
- Fernandes M; Angove M; Sedawie T & Cheshire A 2007. Dissolved nutrient release from solid wastes of southern bluefin tuna (*Thunnus maccoyii*, Castelnau) aquaculture. *Aquaculture Research*. 38: 388-397.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/43235>
- Field SA; O'Connor PJ; Tyre AJ & Possingham HP 2007. Making monitoring meaningful. *Austral Ecology*. 32 (5): 485-491.
- Fitzgibbon QP; Seymour RS; Ellis D & Buchanan J 2007. The energetic consequence of specific dynamic action in southern bluefin tuna *Thunnus maccoyii*. *Journal of Experimental Biology*. 210 (2): 290-298.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/43082>
- Fitzgibbon QP; Strawbridge A & Seymour RS 2007. Metabolic scope, swimming performance and the effects of hypoxia in the mulloway, *Argyrosomus japonicus* (Pisces : Sciaenidae). *Aquaculture*. 270 (1-4): 358-368.
- Fluin J; Gell PA; Tibby JC; Haynes DE & Hancock G 2007. Palaeolimnological evidence for the independent evolution of neighbouring terminal lakes, the Murray Darling Basin, Australia. *Hydrobiologia*. 591: 117-134.
- Foot N; Orgeig S; Donnellan SC; Bertozzi T & Daniels CB 2007. Positive selection in the N-Terminal extramembrane domain of lung surfactant protein C (SP-C) in marine mammals. *Journal of Molecular Evolution*. 65 (1): 12-22.
- Forbes C; Betts P; Weinberg RF & Buick IS 2007. A structural metamorphic study of the broken hill block, NSW, Australia: Reply. *Journal of Metamorphic Geology*. 25 (6): 719-723.

- Fordham DA; Georges A & Brook BW 2007. Demographic response of snake-necked turtles correlates with indigenous harvest and feral pig predation in tropical northern Australia. *Journal of Animal Ecology*. 76: 1231-1243.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/43508>
- Fowler-Walker MJ & Connell SD 2007. Habitat heterogeneity as a consequence of sub stratum-orientation and kelp-canopy: Relating interdependent responses to common patterns. *Journal of Experimental Marine Biology and Ecology*. 343 (1): 127-137.
- Franklin-McEvoy J; Bellotti WD & Revell DK 2007. Supplementary feeding with grain improves the performance of sheep grazing saltbush (*Atriplex nummularia*) in autumn. *Australian Journal of Experimental Agriculture*. 47 (8): 912-917.
- Fraser GL; Skirrow R; Schmidt Mumm A & Holm O 2007. Mesoproterozoic gold in the central Gawler craton, South Australia: Geology, alteration, fluids, and timing. *Economic Geology and the Bulletin of the Society of Economic Geologists*. 102 (8): 1511-1539.
- Ganf GG & Rea N 2007. Potential for algal blooms in tropical rivers of the Northern Territory, Australia. *Marine and Freshwater Research*. 58 (4): 315-326.
- Gardner MG; Bull CM; Fenner A; Murray K & Donnellan SC 2007. Consistent social structure within aggregations of the Australian lizard, *Egernia stokesii* across seven disconnected rocky outcrops. *Journal of Ethology*. 25 (3): 263-270.
- Gardner MG; Sch-nrogge K; Elmes GW & Thomas JA 2007. Increased genetic diversity as a defence against parasites is undermined by social parasites: *Microdon mutabilis* hoverflies infesting *Formica lemmani* ant colonies. *Proceedings of the Royal Society of London Series B-Biological Sciences*. 274 (1606): 103-110.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/43500>
- Gell PA; Tibby JC; Little FA; Baldwin D & Hancock G 2007. The impact of regulation and salinisation on floodplain lakes: the lower River Murray, Australia. *Hydrobiologia*. 591: 135-146.
- Glasby P; Williams MAJ; McKirdy DM; Symonds R & Chivas A 2007. Late Pleistocene environments in the Flinders Ranges, Australia: Preliminary evidence from microfossils and stable isotopes. *Quaternary Australasia*. 24 (2): 19-28.
- Glasby TM; Connell SD; Holloway MG & Hewitt CL 2007. Nonindigenous biota on artificial structures: could habitat creation facilitate biological invasions?. *Marine Biology*. 151 (3): 887-895.
- Glassop D; Godwin RM; Smith SE & Smith FW 2007. Rice phosphate transporters associated with phosphate uptake in rice roots colonised with arbuscular mycorrhizal fungi. *Canadian Journal of Botany-Revue Canadienne de Botanique*. 85 (7): 644-651.
- Glennon V; Chisholm LA & Whittington ID 2007. Experimental infections, using a fluorescent marker, of two elasmobranch species by unciliated larvae of *Branchotenthes octohamatus* (Monogenea : Hexabothriidae): invasion route, host specificity and post-larval development. *Parasitology*. 134 (9): 1243-1252.
- Goscombe BD & Gray D 2007. The Coastal Terrane of the Kaoko Belt, Namibia: Outboard arc-terranes and tectonic significance. *Precambrian Research*. 155 (1-2): 139-158.
- Goscombe BD & Gray D 2007. Structure and strain variation at mid-crustal levels in a transpressional orogen: A review of Kaoko Belt structure and the character of West Gondwana amalgamation and dispersal. *Gondwana Research*. 13 (1): 45-85.
- Ha K; Marschner P & Bunemann EK 2007. Dynamics of C, N, P and microbial community composition in particulate soil organic matter during residue decomposition. *Plant and Soil*. Online: 1-12.
- Ha K; Marschner P; Bunemann EK & Smernik RJ 2007. Chemical changes and phosphorus release during decomposition of pea residues in soil. *Soil Biology & Biochemistry*. 39 (10): 2696-2699.
- Haberlah D 2007. A call for Australian loess. *Area*. 39 (2): 224-229.
- Haberlah D; Williams MAJ; Hill SM; Halverson GP & Glasby P 2007. A terminal Last Glacial Maximum (LGM) loess-derived palaeoflood record from South Australia?. *Quaternary International*. 150: 167-167.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/47230>
- Hall KC; Fowler AJ & Geddes MC 2007. Evidence for multiple year classes of the giant Australian cuttlefish *Sepia apama* in northern Spencer Gulf, South Australia. *Reviews in Fish Biology and Fisheries*. 17 (2-3): 367-384.
- Hallmann COE; Arouri KR; McKirdy DM & Schwark L 2007. Temporal resolution of an oil charging history - A case study of residual oil benzocarbazoles from the Gidgealpa Field. *Organic Geochemistry*. 38 (9): 1516-1536.
- Halpin JA; Clarke GL; White RW & Kelsey DE 2007. Contrasting P-T-t paths for neoproterozoic metamorphism in MacRobertson and Kemp lands, east Antarctica. *Journal of Metamorphic Geology*. 25 (6): 683-701.
- Halpin JA; White RW; Clarke GL & Kelsey DE 2007. The proterozoic P-T-t evolution of the Kemp Land coast, east Antarctica; Constraints from Si-saturated and Si-undersaturated metapelites. *Journal of Petrology*. 48 (7): 1321-1349.

- Halverson GP & Hurtgen MT 2007. Ediacaran growth of the marine sulfate reservoir. *Earth and Planetary Science Letters*. 263 (1-2): 32-44.
- Halverson GP; Dudas FO; Maloof AC & Bowring SA 2007. Evolution of the Sr-87/Sr-86 composition of Neoproterozoic seawater. *Palaeogeography Palaeoclimatology Palaeoecology*. 256 (3-4): 103-129.
- Hammer M; Adams MA; Unmack PJ & Walker KF 2007. A rethink on *Retropinna*: conservation implications of new taxa and significant genetic sub-structure in Australian smelts (Pisces : Retropinnidae). *Marine and Freshwater Research*. 58 (4): 327-341.
- Hammes K; Schmidt MWI; Smernik RJ; Currie LA; Ball WP; Nguyen TH; Louchouart P; Houel S; Gustafsson O; Elmquist M; Cornelissen G; Skjemstad JO; Masiello CA; Song J; Peng P; Mitra S; Dunn JC; Hatcher P; Hockaday WC; Smith DM; Hartkopf-Froder C; Bohmer A; Luer B; Huebert BJ; Amelung W; Brodowski S; Huang L; Zhang W; Gschwend PM; Flores-Cervantes DX; Largeau C; Rouzaud J-N; Rumpel C; Guggenberger G; Kaiser K; Rodionov A; Gonzalez-Vila FJ; Gonzalez-Perez JS; de la Rosa JM; Manning DAC; Lopez-Capel E & Ding L 2007. Comparison of quantification methods to measure fire-derived (black/elemental) carbon in soils and sediments using reference materials from soil, water, sediment and the atmosphere. *Global Biogeochemical Cycles*. 21 (3): WWW 1-WWW16.
- Hand MP; Reid AJ & Jagodzinski L 2007. Tectonic framework and evolution of the Gawler craton, southern Australia. *Economic Geology and the Bulletin of the Society of Economic Geologists*. 102 (8): 1377-1395.
- Harvey MS; Austin AD & Adams MA 2007. The systematics and biology of the spider genus *Nephila* (Araneae : Nephilidae) in the Australasian region. *Invertebrate Systematics*. 21 (5): 407-451.
- Haynes DE; Gell PA; Tibby JC; Hancock G & Goonan PM 2007. Against the tide: the freshening of naturally saline coastal lakes, southeastern South Australia. *Hydrobiologia*. 591 (1): 165-183.
- Heidbach O; Reinecker J; Tingay MRP; Muller B; Sperner B; Fuchs K & Wenzel F 2007. Plate boundary forces are not enough: Second- and third-order stress patterns highlighted in the World Stress Map database. *Tectonics*. 26 (6): WWW 1-.
- Hezaveh N; Ghassemzadeh F & Tyler MJ 2007. Biosystematic study of *Anura* in the Markazy Province of Central Iran. *Pakistan Journal of Biological Sciences*. 10 (8): 1321-1325.
- Ho LSW; Gaudieux A; Fanok S; Newcombe G & Humpage AR 2007. Bacterial degradation of microcystin toxins in drinking water eliminates their toxicity. *Toxicon*. 50: 438-441.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/45610>
- Ho SYW; Shapiro B; Phillips MJ; Cooper A & Drummond AJ 2007. Evidence for time dependency of molecular rate estimates. *Systematic Biology*. 56 (3): 515-522.
- Hoffman P; Halverson GP; Domack EW; Husson JM; Higgins JA & Schrag DP 2007. Are basal Ediacaran (635 Ma) post-glacial "cap dolostones" diachronous?. *Earth and Planetary Science Letters*. 258 (1-2): 114-131.
- Hopwood B; Tsykin A; Findlay DM & Fazzalari N 2007. Microarray gene expression profiling of osteoarthritic bone suggests altered bone remodelling, WNT and transforming growth factor-beta/bone morphogenic protein signalling. *Arthritis Research & Therapy*. 9 (5): WWW 1-WWW 21.
- Hou G; Li H; Recknagel FA & Song L 2007. Using the moving window incorporated neural network to forecast the population behavior of *Nostocales* spp. in the River Darling, Australia. *Fresenius Environmental Bulletin*. 16 (3): 304-309.
- Hugall AF & Lee MSY 2007. The likelihood node density effect and consequences for evolutionary studies of molecular rates. *Evolution*. 61 (10): 2293-2307.
- Hugall AF; Foster R & Lee MSY 2007. Calibration choice, rate smoothing, and the pattern of tetrapod diversification according to the long nuclear gene RAG-1. *Systematic Biology*. 56 (4): 543-563.
- Hutson KS; Ernst I & Whittington ID 2007. Risk assessment for metazoan parasites of yellowtail kingfish *Seriola lalandi* (Perciformes : Carangidae) in South Australian sea-cage aquaculture. *Aquaculture*. 271 (1-4): 85-99.
- Hutson KS; Ernst I; Mooney AJ & Whittington ID 2007. Metazoan parasite assemblages of wild *Seriola lalandi* (Carangidae) from eastern and southern Australia. *Parasitology International*. 56 (2): 95-105.
- Hutson KS; Smith BP; Godfrey RT; Whittington ID; Chambers CB; Ernst I & Gillanders B 2007. A tagging study on yellowtail kingfish (*Seriola lalandi*) and Samson fish (*S-hippos*) in south Australian waters. *Transactions of the Royal Society of South Australia*. 131 Part 1: 128-134.
- Irving A; Tanner JE & McDonald BK 2007. Priority effects on faunal assemblages within artificial seagrass. *Journal of Experimental Marine Biology and Ecology*. 340 (1): 40-49.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/45431>
- Jafari R; Lewis MM & Ostendorf BF 2007. Evaluation of vegetation indices for assessing vegetation cover in southern arid lands in South Australia. *Rangeland Journal*. 29 (1): 39-49.

- James NP & Bone Y 2007. A late Pliocene-early Pleistocene, inner-shelf, subtropical, seagrass-dominated carbonate: Roe Calcarene, Great Australian Bight, Western Australia. *Palaios*. 22 (4): 343-359.
- Jansa J; Smith FA & Smith SE 2007. Are there benefits of simultaneous root colonization by different arbuscular mycorrhizal fungi?. *New Phytologist*. 177 (3): 779-789.
- Jassogne LTP; McNeill AM & Chittleborough DJ 2007. 3D-visualization and analysis of macro- and meso-porosity of the upper horizons of a sodic, texture-contrast soil. *European Journal of Soil Science*. 58 (3): 589-598.
- Jenkins CJ & Wever T 2007. Naval mine impact burial prediction using Seafloor Database, experiment, and GIS technologies. *Marine Georesources & Geotechnology*. 25 (3): 199-208.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/42916>
- Jennings JT; Austin AD & Schiff NM 2007. *Rhysacephala novacaledonica* sp nov (Hymenoptera : Xiphydriidae), the first xiphydriid woodwasp from New Caledonia. *Zootaxa*. (1516): 23-30.
- Johnston EL; Connell SD; Irving A; Pile AJ & Gillanders B 2007. Antarctic patterns of shallow subtidal habitat and inhabitants in Wilke's Land. *Polar Biology*. 30 (6): 781-788.
- Juhasz AL; Smith E; Weber JT; Rees MH; Rofe AM; Kuchel TR; Sansom LN & Naidu R 2007. Comparison of in vivo and in vitro methodologies for the assessment of arsenic bioavailability in contaminated soils. *Chemosphere*. 69 (6): 961-966.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/43798>
- Kang M; Buckley YM & Lowe AJ 2007. Testing the role of genetic factors across multiple independent invasions of the shrub Scotch broom (*Cytisus scoparius*). *Molecular Ecology*. 16 (22): 4662-4673.
- Kang M; Lowe AJ & Buckley YM 2007. Isolation and characterization of polymorphic microsatellite loci for the invasive plant *Cytisus scoparius*. *Molecular Ecology Resources*. 7: 100-102.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/45835>
- Kang M; Xu F; Lowe AJ & Huang H 2007. Protecting evolutionary significant units for the remnant populations of *Berchemiella wilsonii* var. *pubipetiolata* (Rhamnaceae). *Conservation Genetics*. 8: 465-473.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/45836>
- Kear BP 2007. A juvenile plesiosaur plesiosaur (Reptilia : Sauropterygia) from the Lower Cretaceous of South Australia. *Journal of Paleontology*. 81 (1): 154-162. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42836>
- Kear BP 2007. Taxonomic clarification of the Australian elasmosaurid genus *Eromangasaurus*, with reference to other Austral elasmosaur taxa. *Journal of Vertebrate Paleontology*. 27 (1): 241-246.
- Kear BP 2007. First record of a pachycormid fish (Actinopterygii: Pachycormiformes) from the lower cretaceous of Australia. *Journal of Vertebrate Paleontology*. 27 (4): 1033-1038.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/44271>
- Kearn G; Whittington ID & Evans-Gowing R 2007. Revision of *Entobdella* Blainville in Lamarck, 1818, with special emphasis on the nominal (type) species "*Entobdella hippoglossi* (Muller, 1776) Blainville, 1818" (Monogenea : Capsalidae : Entobdellinae) from teleost flatfishes, with descriptions of th. *Zootaxa*. (1659): 1-54.
- Kelsey DE 2007. On ultrahigh-temperature crustal metamorphism. *Gondwana Research*. 13 (1): 1-29.
- Kelsey DE; Hand MP; Clark CFP & Wilson CJL 2007. On the application of in situ monazite chemical geochronology to constraining P-T-t histories in high-temperature (> 850 degrees C polymetamorphic granulites from Prydz Bay, East Antarctica. *Journal of the Geological Society*. 164 (3): 667-683.
- Kim B; Cao H; Jeong K; Recknagel FA & Joo G 2007. Predictive function and rules for population dynamics of *Micyocystis aeruginosa* in the regulated Nakdong River (South Korea), discovered by evolutionary algorithms. *Ecological Modelling*. 203 (1-2): 147-156.
- Kobayashi T; Shiel RJ & Segers H 2007. First record of the *Lecane shieli* Segers & Sanoamuang, 1994 from Australia. *Australian Zoologist*. 34 (2): 181-183. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44074>
- Kong WD; Zhu Y; Liang YC; Zhang J; Smith FA & Yang M 2007. Uptake of oxytetracycline and its phytotoxicity to alfalfa (*Medicago sativa* L.). *Environmental Pollution*. 147 (1): 187-193.
- Ladd BM & Facelli JM 2007. Effects of neighbouring vegetation on eucalypt seedlings at two sites subject to different levels of abiotic stress. *Austral Ecology*. 32 (2): 145-154.
- Lancaster ML; Bradshaw CJA; Goldsworthy SD & Sunnucks PJ 2007. Lower reproductive success in hybrid fur seal males indicates fitness costs to hybridization. *Molecular Ecology*. 16 (15): 3187-3197.
- Lancaster ML; Goldsworthy SD & Sunnucks PJ 2007. Multiple mating strategies explain unexpected genetic mixing of New Zealand fur seals with two congeners in a recently recolonized population. *Molecular Ecology*. 16 (24): 5267-5276.
- Larkan NJ; Smith SE & Barker SJ 2007. Position of the reduced mycorrhizal colonisation (Rmc) locus on the tomato genome map. *Mycorrhiza*. 17 (4): 311-318.

- Larson G; Albarella U; Dobney K; Rowley-Conwy P; Schibler J; Tresset A; Vigne J; Edwards CJ; Schlumbaum A; Dinu A; Balacsescu A; Dolman G; Tagliacozzo A; Manaseryan N; Miracle P; Wijngaarden-Bakker L; Masseti M; Bradley DG & Cooper A 2007. Ancient DNA, pig domestication, and the spread of the Neolithic into Europe. *Proceedings of the National Academy of Sciences of the United States of America*. 104 (39): 15276-15281.
- Larson G; Cucchi T; Fujita M; Matisoo-Smith E; Robins J; Anderson A; Rolett B; Spriggs MJ; Dolman G; Kim T-H; Thuy NTD; Randi E; Doherty M; Due RA; Bollt R; Djubiantono T; Griffin B; Intoh M; Keane E; Kirch P; Li K-T; Morwood M; Pedrinifa LM; Piper PJ; Rabett RJ; Shooter P; Van Den Bergh G; West E; Wickler S; Yuan J; Cooper A & Dobney K 2007. Phylogeny and ancient DNA of *Sus* provides insights into neolithic expansion in island southeast Asia and Oceania. *Proceedings of the National Academy of Sciences of the United States of America*. 104 (12): 4834-4839.
- Lee MSY & Skinner AW 2007. Stability, ranks, and the PhyloCode. *Acta Palaeontologica Polonica*. 52 (3): 643-650.
- Lee MSY; Hugall AF; Lawson R & Scanlon JD 2007. Phylogeny of snakes (Serpentes): combining morphological and molecular data in likelihood, Bayesian and parsimony analyses. *Systematics and Biodiversity*. 5 (4): 371-389.
- Lee MSY; Hugall AF; Lawson R & Scanlon JD 2007. Snake phylogeny: combining morphological and molecular data in likelihood, Bayesian and parsimony analyses. *Systematics and Biodiversity*. 5 (1): 1-19.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/46068>
- Li L; Li JY; Conran JG & Li H 2007. Phylogeny of Neolitsea (Lauraceae) inferred from Bayesian analysis of nrDNA ITS and ETS sequences. *Plant Systematics and Evolution*. 269 (3-4): 203-221.
- Liang X; Yang Y; Zhu C; Yuan S; Chen G; Pring A & Xia F 2007. Luminescence properties of Tb³⁺-Sm³⁺ codoped glasses for white light emitting diodes. *Applied Physics Letters*. 91 (9): 091104-01-091104-03.
- Liu W; Etschmann B; Foran G; Shelley M & Brugger J 2007. Deriving formation constants for aqueous metal complexes from XANES spectra: Zn²⁺ and Fe²⁺ chloride complexes in hypersaline solutions. *American Mineralogist*. 92 (5-6): 761-770.
- Lofts S; Chapman PM; Dwyer R; McLaughlin MJ; Schoeters I; Sheppard SC; Adams WJ; Alloway BJ; Antunes PMC; Campbell PGC; Davies B; Degryse F; De Vries W; Farley KJ; Garrett RG; Green A; Groenenberg BJ; Hale B; Harrass M; Hendershot WH; Keller A; Lanno R; Liang T; Liu W; Ma Y; Menzie C; Moolenaar SW; Piatkiewicz W; Reimann C; Rieuwerts JS; Santore RC; Sauve S; Schuetze G; Schlegel C; Skeaff J; Smolders E; Tao S; Wilkins J & Zhao FJ 2007. Critical loads of metals and other trace elements to terrestrial environments. *Environmental Science & Technology*. 41 (18): 6326-6331.
- Lomax J; Hilgers A; Twidale CR; Bourne JA & Radtke U 2007. Treatment of broad palaeodose distributions in OSL dating of dune sands from the western Murray Basin, South Australia. *Quaternary Geochronology*. 2 (1-4 Sp Iss): 51-56.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/34244>
- Lowrie A & Conran JG 2007. *Drosera x sidjamesii* (Droseraceae): systematics and ecology of a natural hybrid from Western Australia. *Australian Systematic Botany*. 20 (1): 44-53.
- Lowrie A & Conran JG 2007. A revision of the *Drosera omissa/D-nitidula* complex (Droseraceae) from south-west Western Australia. *Taxon*. 56 (2): 533-544.
- Maidment DW; Williams IS & Hand MP 2007. Testing long-term patterns of basin sedimentation by detrital zircon geochronology, Centralian Superbasin, Australia. *Basin Research*. 19 (3): 335-360.
- Maier RE; Heinson GS; Thiel S; Selway KM; Gill RM & Scroggs M 2007. A 3D lithospheric electrical resistivity model of the Gawler Craton, Southern Australia. *Transactions of the Institution of Mining and Metallurgy Section B-Applied Earth Science*. 116 (1): 13-21.
- Marschner P; Solaiman MZ & Rengel Z 2007. Brassica genotypes differ in growth, phosphorus uptake and rhizosphere properties under P-limiting conditions. *Soil Biology & Biochemistry*. 39 (1): 87-98.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/42784>
- Matthies M; Giupponi C & Ostendorf BF 2007. Environmental decision support systems: Current issues, methods and tools. *Environmental Modelling & Software*. 22 (2): 123-127.
- McBeath TM; Lombi E; McLaughlin MJ & Bunemann EK 2007. Pyrophosphate and orthophosphate addition to soils: sorption, cation concentrations, and dissolved organic carbon. *Australian Journal of Soil Research*. 45 (4): 237-245.
- McBeath TM; Lombi E; McLaughlin MJ & Bunemann EK 2007. Polyphosphate-fertilizer solution stability with time, temperature, and pH. *Journal of Plant Nutrition and Soil Science-Zeitschrift fur Pflanzenernahrung und Bodenkunde*. 170 (3): 387-391.
- McBeath TM; Lombi E; McLaughlin MJ & Bunemann EK 2007. Polyphosphate speciation for soil and fertilizer analysis. *Communications in Soil Science and Plant Analysis*. 38 (17-18): 2445-2460.

- McBeath TM; McLaughlin MJ; Armstrong RD; Bell M; Bolland MDA; Conyers MK; Holloway RE & Mason SD 2007. Predicting the response of wheat (*Triticum aestivum* L.) to liquid and granular phosphorus fertilisers in Australian soils. *Australian Journal of Soil Research*. 45 (6): 448-458.
- McGowan CP; Baudinette RV & Biewener A 2007. Modulation of proximal muscle function during level versus incline hopping in tammar wallabies (*Macropus eugenii*). *Journal of Experimental Biology*. 210 (7): 1255-1265.
- McGowran B 2007. Beyond the GSSP: New developments in chronostratigraphy - preface. *Stratigraphy*. 4 (2/3): 81-82. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44876>
- McGowran B & Li Q 2007. Stratigraphy: gateway to geohistory and biohistory. *Stratigraphy*. 4 (2-3): 173-185.
- McLaughlin MJ; Warne MSJ; Stevens DP; Whatmuff MS; Heemsbergen D; Broos K; Barry G; Bell M; Nash DM; Pritchard D & Penney N 2007. Australia's National Biosolid Research Program - how it came about, and what has it discovered?. *Water Practice and Technology*. 2 (4): 1-9. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43876>
- Mee AC; McKirdy DM; Williams MAJ & Krull ES 2007. New radiocarbon dates from sapropels in three Holocene lakes of the Coorong coastal plain, southeastern Australia. *Australian Journal of Earth Sciences*. 54 (6): 825-835.
- Meisser N; Schenk K; Berlepsch P; Brugger J; Bonin M; Criddle AJ; Thelin P & Bussy F 2007. Pizgrischite, (Cu,Fe)Cu₁₄PbBi₁₇S₃₅, a new sulfosal from the Swiss Alps: Description, crystal structure and occurrence. *Canadian Mineralogist*. 45 (5): 1229-1245.
- Melville J; Goebel S; Staff C; Keogh JS & Austin JJ 2007. Conservation genetics and species status of an endangered Australian dragon, *Tympanocryptis pinguicolla* (Reptilia : Agamidae). *Conservation Genetics*. 8 (1): 185-195. <http://digital.library.adelaide.edu.au/dspace/handle/2440/23748>
- Monte-Luna Pd; Lluch-Belda D; Serviere-Zaragoza E; Carmona R; Reyes-Bonilla H; Auriol-Gamboa D; Castro-Aguirre JL; Guzman del Proo SA; Trujillo-Millan O & Brook BW 2007. Marine extinctions revisited. *Fish and Fisheries*. 8 (2): 107-122.
- Moulds TA; Murphy NP; Adams MA; Reardon TB; Harvey MS; Jennings JT & Austin AD 2007. Phylogeography of cave pseudoscorpions in southern Australia. *Journal of Biogeography*. 34 (6): 951-962.
- Munns SL & Daniels CB 2007. Breathing with big babies: Ventilation and oxygen consumption during pregnancy in the lizard *Tiliqua rugosa*. *Physiological and Biochemical Zoology*. 80 (1): 35-45. <http://digital.library.adelaide.edu.au/dspace/handle/2440/45402>
- Murphy JB & Collins AS 2007. 40Ar-39Ar white mica ages reveal Neoproterozoic/Paleozoic provenance and an Alleghanian overprint in coeval Upper Ordovician-Lower Devonian rocks of Meguma and Avalonia. *Tectonophysics*. www (www): 1-1. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43718>
- Murphy NP; Carey D; Castro LR; Downton MP & Austin AD 2007. Phylogeny of the platygastroid wasps (Hymenoptera) based on sequences from the 18S rRNA, 28S rRNA and cytochrome oxidase I genes: implications for the evolution of the ovipositor system and host relationships. *Biological Journal of the Linnean Society*. 91 (4): 653-669.
- Nash R; Neves L; Faast R; Pierce M & Dalton S 2007. The lectin dolichos biflorus agglutinin recognizes glycan epitopes on the surface of murine embryonic stem cells: A new tool for characterizing pluripotent cells and early differentiation. *Stem Cells*. 25 (4): 974-982.
- Nelson JE; Christian KA & Baudinette RV 2007. Anatomy of the nasal passages of three species of Australian bats in relation to water loss. *Australian Journal of Zoology*. 55 (1): 57-62.
- Nicholls JA; Austin JJ; Pavlacky DC & Green DJ 2007. Characterization of polymorphic microsatellites in the logrunner, *Orthonyx temminckii* (Aves: Orthonychidae). *Molecular Ecology Resources*. 7 (6): 1117-1119.
- Nicholson ED; Krull ES; Smernik RJ; Zawadzki A; Gell PA & Gillanders B 2007. Environmental change in the coastal wetlands near Adelaide, Australia. *Quaternary International*. 167-168: 306-306. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44874>
- Nicol JM; Muston S; D'Santos P; McCarthy B & Zukowski S 2007. Impact of sheep grazing on the soil seed bank of a managed ephemeral wetland: implications for management. *Australian Journal of Botany*. 55 (2): 103-109.
- Nishi E; Kupriyanova E & Tachikawa H 2007. *Metavermilia ogasawaraensis* sp nov (Serpulidae : Sabellida : Polychaeta : Annelida) from deep-sea locations off Ogasawara Island, Japan with a literature overview of the genus. *Zootaxa*. n/a (1447): 47-56.
- O'Connor PJ & Bond AJ 2007. Maximizing the effectiveness of photopoint monitoring for ecological management and restoration. *Ecological Management and Restoration*. 8 (3): 228-234.
- Oliver P; Hutchinson MR & Cooper SJB 2007. Phylogenetic relationships in the lizard genus *diplodactylus* gray and resurrection of *Lucasium wermuth* (Gekkota, diplodactylidae). *Australian Journal of Zoology*. 55 (3): 197-210.

- Orgeig S; Bernhard W; Biswas S; Daniels CB; Hall SB; Hetz SK; Lang CJ; Maina JN; Panda AK; Perez-Gil J; Possmayer F; Veldhuizen RA & Yan W 2007. The anatomy, physics, and physiology of gas exchange surfaces: is there a universal function for pulmonary surfactant in animal respiratory structures?. *Integrative and Comparative Biology*. 47 (4): 610-627.
- Ozkutlu F; Ozturk L; Erdem H; McLaughlin MJ & Cakmak I 2007. Leaf-applied sodium chloride promotes cadmium accumulation in durum wheat grain. *Plant and Soil*. 290 (1-2): 323-331.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/42915>
- Park Y; Yoo J-S; Schwarz MP; Murphy NP & Kim J-P 2007. Molecular phylogeny of east Asian wolf spiders (Araneae : Lycosidae) inferred from mitochondrial 12S ribosomal DNA. *Annals of the Entomological Society of America*. 100 (1): 1-8. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44247>
- Passchier CW; Trouw RAJ; Goscombe BD; Gray D & Kroner A 2007. Intrusion mechanisms in a turbidite sequence: the Voetspoor and Doros plutons in NW Namibia. *Journal of Structural Geology*. 29 (3): 481-496.
- Peacock DE; Williams BD & Christensen PE 2007. 'Total fluorine' analysis of seed of Australian *Gastrolobium* spp. showing temporal, spatial and morphological variation. *Journal of Fluorine Chemistry*. 128 (6): 631-635.
- Petts AE & Hill SM 2007. Termitaria as regolith and landscape attributes: A case study from titania AU- Prospect, N.T.. *Geological Society of Australia. Abstracts Series*. 87: 1-5. <http://digital.library.adelaide.edu.au/dspace/handle/2440/47203>
- Potter S; Orgeig S; Donnellan SC & Daniels CB 2007. Purifying selection drives the evolution of surfactant protein C (SP-C) independently of body temperature regulation in mammals. *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics*. 2 PART D (2): 165-176.
- Prentis PJ & Mather PB 2007. Micro-geographic landscape features demarcate seedling genetic structure in the stream lily, *Helmholtzia glaberrima*. *Aquatic Botany*. 87 (2): 111-115.
- Prentis PJ; White EM; Radford IJ; Lowe AJ & Clarke AR 2007. Can hybridization cause local extinction: a case for demographic swamping of the Australian native *Senecio pinnatifolius* by the invasive *Senecio madagascariensis*?. *New Phytologist*. 176 (4): 902-912.
- Prest P; Daniell TM & Ostendorf BF 2007. Using GIS to evaluate the impact of exclusion zones on the connection cost of wave energy to the electricity grid. *Energy Policy*. 35 (9): 4516-4528.
- Raveggi M; Giles D; Foden JD & Raetz M 2007. High Fe-Ti mafic magmatism and tectonic setting of the Paleoproterozoic Broken Hill Block, NSW, Australia. *Precambrian Research*. 156 (1-2): 55-84.
- Rees M; Paull D & Carthew SM 2007. Factors influencing the distribution of the yellow-bellied glider (*Petaurus australis australis*) in Victoria, Australia. *Wildlife Research*. 34 (3): 228-233.
- Reid RJ 2007. Identification of Boron Transporter Genes Likely to Be Responsible for Tolerance To Boron Toxicity In Wheat And Barley. *Plant and Cell Physiology*. 48 (12): 1673-1678.
- Reith F & Mcphail DC 2007. Mobility and microbially mediated mobilization of gold and arsenic in soils from two gold mines in semi-arid and tropical Australia. *Geochimica et Cosmochimica Acta*. 71 (5): 1183-1196.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/43510>
- Reith F; Lengke MF; Falconer D; Craw D & Southam G 2007. The geomicrobiology of gold. *The ISME Journal*. 1 (7): 567-584.
- Rosewarne GM; Smith FA; Schachtman DP & Smith SE 2007. Localization of proton-ATPase genes expressed in arbuscular mycorrhizal tomato plants. *Mycorrhiza*. 17 (3): 249-258.
- Rousset V; Pleijel F; Rouse GW; Erseus C & Siddall ME 2007. A molecular phylogeny of annelids. *Cladistics-The International Journal of the Willi Hennig Society*. 23 (1): 41-63.
- Rudall PJ; Sokoloff DD; Remizowa MV; Conran JG; Davis J; Macfarlane TD & Stevenson DW 2007. Morphology of Hydatellaceae, an anomalous aquatic family recently recognized as an early-divergent angiosperm lineage. *American Journal of Botany*. 94 (7): 1073-1092.
- Russell BD 2007. Effects of canopy-mediated abrasion and water flow on the early colonisation of turf-forming algae. *Marine and Freshwater Research*. 58 (7): 657-665.
- Russell BD & Connell SD 2007. Response of grazers to sudden nutrient pulses in oligotrophic versus eutrophic conditions. *Marine Ecology-Progress Series*. 349: 73-80.
- Rutherford LS; Hand M & Barovich KM 2007. Timing of Proterozoic metamorphism in the southern Curnamona Province: implications for tectonic models and continental reconstructions. *Australian Journal of Earth Sciences*. 54 (1): 65-81.
- Sadras VO & Mc Carthy MG 2007. Quantifying the dynamics of sugar concentration in berries of *Vitis vinifera* cv. Shiraz: A novel approach based on allometric analysis. *Australian Journal of Grape and Wine Research*. 13 (2): 66-71.

- Sadras VO; Stevens R; Pech JM; Taylor EJ; Nicholas P & McCarthy M 2007. Quantifying phenotypic plasticity of berry traits using an allometric-type approach: A case study on anthocyanins and sugars in berries of Cabernet Sauvignon. *Australian Journal of Grape and Wine Research*. 13 (2): 72-80.
- San Martin MJ; Braccini JM; Tamini LL; Chiamonte GE & Perez JE 2007. Temporal and sexual effects in the feeding ecology of the marbled sand skate *Psammobatis bergi* Marini, 1932. *Marine Biology*. 151 (2): 505-513. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44662>
- Sanders KL & Lee MSY 2007. Evaluating molecular clock calibrations using Bayesian analyses with soft and hard bounds. *Biology Letters*. 3 (3): 275-279.
- Scheckel K; Hamon RE; Jassogne LTP; Rivers M & Lombi E 2007. Synchrotron X-ray absorption-edge computed microtomography imaging of thallium compartmentalization in *Iberis intermedia*. *Plant and Soil*. 290 (1-2): 51-60. <http://digital.library.adelaide.edu.au/dspace/handle/2440/45434>
- Schmidt Mumm A & Collins AS 2007. Earth science education in South Australia: Evolving with the resources boom. *Aus IMM Bulletin*. Mar/Apr: 29-33. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44875>
- Schmidt Mumm A & Reith F 2007. Biomediation of calcrete at the gold anomaly of the Barns prospect, Gawler Craton, South Australia. *Journal of Geochemical Exploration*. 92 (1): 13-33. <http://digital.library.adelaide.edu.au/dspace/handle/2440/41139>
- Semmens JM; Pecl GT; Gillanders B; Waluda CM; Shea EK; Jouffre D; Ichii T; Zumholz K; Katugin ON; Leporati SC & Shaw PW 2007. Approaches to resolving cephalopod movement and migration patterns. *Reviews in Fish Biology and Fisheries*. 17 (2-3): 401-423.
- Seymour RS; Farrell AP; Christian KA; Clark TD; Bennett MB; Wells RMG & Baldwin J 2007. Continuous measurement of oxygen tensions in the air-breathing organ of Pacific tarpon (*Megalops cyprinoides*) in relation to aquatic hypoxia and exercise. *Journal of Comparative Physiology B-Biochemical Systemic and Environmental Physiology*. 177 (5): 579-587.
- Skirrow R; Bastrakov EN; Barovich KM; Creaser RA; Fanning CM; Raymond OL & Davidson GJ 2007. Timing of iron oxide Cu-Au-(U) hydrothermal activity and Nd isotope constraints on metal sources in the Gawler Craton, South Australia. *Economic Geology and the Bulletin of the Society of Economic Geologists*. 102 (8): 1441-1470.
- Smernik RJ & Dougherty WJ 2007. Identification of phytate in phosphorus-31 nuclear magnetic resonance spectra: The need for spiking. *Soil Science Society of America Journal*. 71 (3): 1045-1050.
- Solaiman MZ; Marschner P; Wang D & Rengel Z 2007. Growth, P uptake and rhizosphere properties of wheat and canola genotypes in an alkaline soil with low P availability. *Biology and Fertility of Soils*. 44 (1): 143-153.
- Song YN; Marschner P; Bao X; Sun J & Zhang F 2007. Community composition of ammonia-oxidizing bacteria in the rhizosphere of intercropped wheat (*Triticum aestivum* L.), maize (*Zea mays* L.), and faba bean (*Vicia faba* L.). *Biology and Fertility of Soils*. 44 (2): 307-314.
- Song YN; Zhang F; Marschner P; Fan FL; Gao HM; Bao X; Sun J & Li L 2007. Effect of intercropping on crop yield and chemical and microbiological properties in rhizosphere of wheat (*Triticum aestivum* L.), maize (*Zea mays* L.), and faba bean (*Vicia faba* L.). *Biology and Fertility of Soils*. 43 (5): 565-574.
- Southgate R & Carthew SM 2007. Post-fire ephemerals and spinifex-fuelled fires: A decision model for bilby habitat management in the Tanami Desert, Australia. *International Journal of Wildland Fire*. 16 (6): 741-754.
- Southgate R; Paltridge R; Masters P & Carthew SM 2007. Bilby distribution and fire: A test of alternative models of habitat suitability in the Tanami Desert, Australia. *Ecography*. 30 (6): 759-776.
- Southgate R; Paltridge R; Masters P & Ostendorf BF 2007. Modelling introduced predator and herbivore distribution in the Tanami Desert, Australia. *Journal of Arid Environments*. 68 (3): 438-464. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42787>
- Steinkellner S; Lenzemo V; Langer I; Khaosaad T; Toussaint J & Vierheilig H 2007. Flavonoids and strigolactones in root exudates as signals in symbiotic and pathogenic plant-fungus interactions. *Molecules*. 12 (7): 1290-1306.
- Stevens NB & Austin AD 2007. Systematics, distribution and biology of the Australian 'micro-flea' wasps, *Baeus* spp. (Hymenoptera : Scelionidae): parasitoids of spider eggs. *Zootaxa*. (1499): 1-45.
- Strachan RA; Collins AS; Buchan CA; Nance RD; Murphy JB & D'Lemos RS 2007. Terrane analysis along a Neoproterozoic active margin of Gondwana: insights from U-Pb zircon geochronology. *Journal of the Geological Society*. 164 (1): 57-60. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43084>
- Sung Y; Ciobanu CL; Pring A; Brugger J; Skinner WM; Cook NJ & Nugus M 2007. Tellurides from Sunrise Dam gold deposit, Yilgarn Craton, Western Australia: A new occurrence of nagyagite. *Mineralogy and Petrology*. 91 (3-4): 249-270.
- Swann CA; Cooper SJB & Breed WG 2007. Molecular evolution of the carboxy terminal region of the zona pellucida 3 glycoprotein in murine rodents. *Reproduction*. 133 (4): 697-708.

- Taggart DA; Finlayson GR; Shimmin GA; Gover C; Dibben R; White CR; Steele VR & Temple-Smith PD 2007. Growth and development of the southern hairy-nosed wombat, *Lasiorhinus latifrons* (Vombatidae). *Australian Journal of Zoology*. 55 (5): 309-316.
- Talib AB; Recknagel FA & van der Molen DT 2007. Patternising phytoplankton dynamics of two shallow lakes in response to restoration measures by applying non-supervised artificial neural networks. *The Environmentalist*. 27 (1): 195-205.
- Taylor GS; Davies KA; Martin N & Crosby T 2007. First record of Fergusonina (Diptera: Fergusoninidae) and associated Fergusobia (Tylenchida: Neotylenchidae) forming galls on *Metrosideros* (Myrtaceae) from New Zealand. *Systematic Entomology*. 32 (3): 548-557.
- Toussaint J 2007. Investigating physiological changes in the aerial parts of AM plants: what do we know and where should we be heading?. *Mycorrhiza*. 17 (4): 349-353.
- Toussaint J; Smith FA & Smith SE 2007. Arbuscular mycorrhizal fungi can induce the production of phytochemicals in sweet basil irrespective of phosphorus nutrition. *Mycorrhiza*. 17 (4): 291-297.
- Traill LW; Bradshaw CJA & Brook BW 2007. Minimum viable population size: A meta-analysis of 30 years of published estimates. *Biological Conservation*. 139 (1-2): 159-166.
- Twidale CR 2007. Concatenation and resultant inequalities in denudation. *Physical Geography*. 28 (1): 50-75.
- Twidale CR 2007. Geomorphological characteristics of the ancient continental nuclei. *Chikei*. 28 (2): 109-125.
- Twidale CR 2007. Bornhardts and associated fracture patterns. *Asociacion Geologica Argentina. Revista*. 62 (1): 139-153. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43513>
- Twidale CR 2007. Backwearing of slopes - the development of an idea. *Cuatenario Y Geomorfologia*. 21 (1-2): 135-146. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43624>
- Twidale CR 2007. What's in a name? The 'discovery' of neotectonism. *New Concepts In Global Tectonics*. 44: 3-7. <http://digital.library.adelaide.edu.au/dspace/handle/2440/45527>
- Twidale CR & Bourne JA 2007. Fractures as planes of dislocation and two-way translocation: Their significance in landform development. *Physical Geography*. 28 (3): 193-217.
- Twidale CR; Bourne JA; Spooner NA & Rhodes EJ 2007. The age of the palaeodunefield of the northern Murray Basin in South Australia: Preliminary results. *Quaternary International*. 166 (1): 42-48.
- Tyler MJ & Chapman TF 2007. An Asian species of frog (*Kaloula pulchra*, Microhylidae) intercepted at Perth International Airport, Australia. *Applied Herpetology*. 4 (1): 86-87.
- Tyler MJ; Wassersug R & Smith BB 2007. How frogs and humans interact: Influences beyond habitat destruction, epidemics and global warming. *Applied Herpetology*. 4 (1): 1-18.
- Valandro L; Colombo L; Cao H; Recknagel FA; Dun S & Secco EL 2007. The relationship between ball speed and anthropometrical characteristics among professional baseball pitchers: A hybrid evolutionary algorithm approach. *International Journal of Computer Science in Sport*. 6 (1): 34-46. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43231>
- Van Damme K; Shiel RJ & Dumont HJ 2007. *Notothrix halsei* gen. n., sp n., representative of a new family of freshwater cladocerans (Branchiopoda, Anomopoda) from SW Australia, with a discussion of ancestral traits and a preliminary molecular phylogeny of the order. *Zoologica Scripta*. 36 (5): 465-487.
- Van Ginkel C; Cao H; Recknagel FA & Plessis S 2007. Forecasting of dinoflagellate blooms in warm-monomictic hypertrophic reservoirs in South Africa by means of rule-based agents. *Water SA*. 33 (4): 531-538.
- Van Leeuwen T; Allen CM; Kadarusman A; Elburg MA; Palin JM; Muhardjo ? & Suwijanto ? 2007. Petrologic, isotopic, and radiometric age constraints on the origin and tectonic history of the Malino Metamorphic Complex, NW Sulawesi, Indonesia. *Journal of Asian Earth Sciences*. 29 (5-6): 751-777.
- Wade BP; Payne JL; Hand MP & Barovich KM 2007. Petrogenesis of ca 1.50 Ga granitic gneiss of the Coompana Block: Filling the 'magmatic gap' of Mesoproterozoic Australia. *Australian Journal of Earth Sciences*. 54 (8): 1089-1102.
- Wakelin SA; Colloff MJ; Harvey PR; Marschner P; Gregg AL & Rogers SL 2007. The effects of stubble retention and nitrogen application on soil microbial community structure and functional gene abundance under irrigated maize. *FEMS Microbiology Ecology*. 59 (3): 661-670.
- Wang D; Marschner P; Solaiman MZ & Rengel Z 2007. Growth, P uptake and rhizosphere properties of intercropped wheat and chickpea in soil amended with iron phosphate or phytate. *Soil Biology & Biochemistry*. 39 (1): 249-256. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42786>
- Wang D; Marschner P; Solaiman MZ & Rengel Z 2007. Belowground interactions between intercropped wheat and Brassicas in acidic and alkaline soils. *Soil Biology & Biochemistry*. 39 (4): 961-971.

- Wang H; Ho LSW; Lewis DM; Brookes JD & Newcombe G 2007. Discriminating and assessing adsorption and biodegradation removal mechanisms during granular activated carbon filtration of microcystin toxins. *Water Research*. 41 (18): 4262-4270.
- Ward MJ & Paton DC 2007. Predicting mistletoe seed shadow and patterns of seed rain from movements of the mistletoebird, *Dicaeum hirundinaceum*. *Austral Ecology*. 32 (2): 113-121.
- Watts CHS; Hancock PJ & Leijts R 2007. A stygobitic *Carabhydrus* Watts (Dytiscidae, Coleoptera) from the Hunter Valley in New South Wales, Australia. *Australian Journal of Entomology*. 46 (1): 56-59.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/41134>
- Wear RJ & Tanner JE 2007. Spatio-temporal variability in faunal assemblages surrounding the discharge of secondary treated sewage. *Estuarine Coastal and Shelf Science*. 73 (3-4): 630-638.
- Wedderburn SD; Walker KF & Zampatti BP 2007. Habitat separation of *Craterocephalus* (Atherinidae) species and populations in off-channel areas of the lower River Murray, Australia. *Ecology of Freshwater Fish*. 16 (3): 442-449.
- Wells JA; Gardner MG & Lowe AJ 2007. Development of eight polymorphic microsatellites for an Australasian rainforest tree species, *Cryptocarya mackinnoniana* (Lauraceae). *Molecular Ecology Resources*. 7 (6): 981-983.
- Wells RMG; Baldwin J; Seymour RS; Christian KA & Farrell AP 2007. Air breathing minimizes post-exercise lactate load in the tropical Pacific tarpon, *Megalops cyprinoides* Broussonet 1782 but oxygen debt is repaid by aquatic breathing. *Journal of Fish Biology*. 71 (6): 1649-1661.
- Westphal MI; Field SA & Possingham HP 2007. Optimizing landscape configuration: A case study of woodland birds in the Mount Lofty Ranges, South Australia. *Landscape and Urban Planning*. 81 (1-2): 56-66.
- Wheaton L; Donnellan SC; de Vries MC; Gardner MG & Gillanders B 2007. Isolation of additional polymorphic tri- and tetranucleotide microsatellite loci for the giant Australian cuttlefish (*Sepia apama*). *Molecular Ecology Resources*. 7 (5): 893-895.
- White SD; Deegan BM & Ganf GG 2007. The influence of water level fluctuations on the potential for convective flow in the emergent macrophytes *Typha domingensis* and *Phragmites australis*. *Aquatic Botany*. 86 (4): 369-376.
- Williams GE; Jenkins RJF & Walter MR 2007. No heliotropism in Neoproterozoic columnar stromatolite growth, Amadeus Basin, central Australia: Geophysical implications. *Palaeogeography Palaeoclimatology Palaeoecology*. 249 (1-2): 80-89.
- Williams RE; Ernst I; Chambers CB & Whittington ID 2007. Efficacy of orally administered praziquantel against *Zeuxapta seriola* and *Benedenia seriola* (Monogenea) in yellowtail kingfish *Seriola lalandi*. *Diseases of Aquatic Organisms*. 77 (3): 199-205.
- Worthy TH 2007. Moas and phylogenomics: How nomenclatural errors do a disservice to the understanding of moa taxonomy. *Auk*. 124 (4): 1447-1449.
- Worthy TH & Pledge NS 2007. A shelduck (Anatidae : *Tadorna*) from the Pliocene of south Australia. *Transactions of the Royal Society of South Australia*. 131 (1): 107-115.
- Worthy TH; Tennyson AJD; Jones C; McNamara JA & Douglas BJ 2007. Miocene waterfowl and other birds from central Otago, New Zealand. *Journal of Systematic Palaeontology*. 5 (1): 1-39.
- Xia F; Chen G; Pring A; Brugger J; Ngothai YM; O'Neill BK; Colby CB; Tenailleau C; Wang H & Yang Y 2007. Kinetics and mechanism of hydrothermal alteration from pentlandite to violarite. *Acta Geologica Sinica-English Edition*. 81 (10): 1378-1390. <http://digital.library.adelaide.edu.au/dspace/handle/2440/41779>
- Xia F; Zhou J; Pring A; Ngothai YM; O'Neill BK; Brugger J; Chen G & Colby CB 2007. The role of pyrrhotite (Fe₇S₈) and the sample texture in the hydrothermal transformation of pentlandite ((Fe,Ni)₉S₈) to violarite ((Ni,Fe)₃S₄). *Reaction Kinetics and Catalysis Letters*. 92 (2): 257-266.
- Xia Y; Chen B; Christie P; Smith FA & Li X 2007. Arsenic uptake by arbuscular mycorrhizal maize (*Zea mays* L.) grown in an arsenic-contaminated soil with added phosphorus. *Journal of Environmental Sciences*. 19 (10): 1245-1251.
- Ye W; Giblin-Davis RM; Davies KA; Purcell MF; Scheffer SJ; Taylor GS; Center TD; Morris K & Thomas WK 2007. Molecular phylogenetics and the evolution of host plant associations in the nematode genus *Fergusobia* (Tylenchida : Fergusobiinae). *Molecular Phylogenetics and Evolution*. 45 (1): 123-141.
- Young KM; Daniels CB & Johnston GR 2007. Species of street tree is important for southern hemisphere bird trophic guilds. *Austral Ecology*. 32 (5): 541-550.
- Yu J; Cao H & He Y 2007. A new tree structure code for equivalent circuit and evolutionary estimation of parameters. *Chemometrics and Intelligent Laboratory Systems*. 85 (1): 27-39.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/45433>
- Zhang J; Wang P; Li Q; Cheng X; Jin H & Zhang S 2007. Western equatorial Pacific productivity and carbonate dissolution over the last 550 kyr: Foraminiferal and nannofossil evidence from ODP Hole 807A. *Marine Micropaleontology*. 64 (3-4): 121-140.

- Zhang Z; Jin B & Kelly JM 2007. Production of lactic acid from renewable materials by *Rhizopus* fungi. *Biochemical Engineering Journal*. 35 (3): 251-263.
- Zhang Z; Jin B & Kelly JM 2007. Effects of cultivation parameters on the morphology of *Rhizopus arrhizus* and the lactic acid production in a bubble column reactor. *Engineering in Life Sciences*. 7 (5): 490-496.

Conference Publication Paper

- Austin JJ; Bray SC; Worthy TH & Medlin G 2007. Reconstructing Southern Hemisphere late-Pleistocene and Holocene paleo-environments using ancient DNA from cave and swamp-preserved bones and sediments. XVII Inqua Congress the tropics: Heat engine of the quaternary, Norm R. Catto (eds), 19-19. Cairns. <http://digital.library.adelaide.edu.au/dspace/handle/2440/47228>
- Christophersen HM; Facelli E; Smith FA & Smith SE 2007. Phosphate and arsenate uptake by barley from soil is not explained by simple competition for a common transporter. Conference on Biogeochemistry of Trace Elements, Yong-Guan Zhu (eds), 824-825. Beijing, China. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44952>
- Duan GL; Zhu Y; Liu X & Reid RJ 2007. New strategies for reducing arsenic accumulation in rice grains. 9th International conference on the biogeochemistry of trace elements (ICOBTE), YG Zhu, N Lepp, R Naidu (eds), 730-731. Beijing. <http://digital.library.adelaide.edu.au/dspace/handle/2440/46164>
- Jensen A; Walker KF & Paton DC 2007. Using phenology of eucalypts to determine environmental watering regimes for the River Murray floodplain, South Australia. 5th Australian Management Conference, Andrea L Wilson (eds), 1-6. Albury, NSW. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44735>
- Meyer WS & Bryan BA 2007. Australian farming within natural resource capacity - the role of systems modelling to identify improved options. *Farming Systems Design 2007: An International Symposium on Methodologies for Integrated Analysis of Farm Production Systems*, - (eds), 99-100. Italy. <http://digital.library.adelaide.edu.au/dspace/handle/2440/46274>
- Pope SB; Smith SE; Christophersen HM & Smith FA 2007. Arsenic uptake by *Medicago truncatula*: P supply and arbuscular mycorrhizal (AM) colonization do not reduce specific uptake from soil. *Biogeochemistry of Trace Elements: Environmental protection, remediation & Human Health*, Yongguan Zhu (eds), 863-864. Beijing.
- Reid RJ; Liu X & Zhu Y 2007. Rapid uptake of arsenite (AsIII) into barley roots. 9th International conference on the biogeochemistry of trace elements (ICOBTE), YG Zhu, N Lepp, R Naidu (eds), 869-870. Beijing. <http://digital.library.adelaide.edu.au/dspace/handle/2440/46165>
- Reith F & Schmidt Mumm A 2007. Microbially mediated formation of gold in calcrete anomalies in Australia. *Goldschmidt 2007 - atoms to planets*, H Plame, A Hofmann, C Munker, S Chakraborty (eds), 1-2. Germany. <http://digital.library.adelaide.edu.au/dspace/handle/2440/46169>
- Reith F; Rogers SL; Mcphail DC & Brugger J 2007. Potential for the utilisation of micro-organisms in gold processing. *World Gold 2007*, Jim Avraamides (eds), 1-8. Cairns. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44424>

School of Molecular and Biomedical Science

Book Chapter

- Ivell RJ & Bathgate RAD 2007. Insulin-Like Peptide 3 in Leydig Cells. in (eds) *The Leydig Cell in Health and Disease*, 279-290, USA: Humana Press. ISBN 978 1 58829 754 9 <http://digital.library.adelaide.edu.au/dspace/handle/2440/46017>
- Sutherland GR 2007. Fragile sites on human chromosomes. in (eds) *Fragile Sites: New Discoveries And Changing Perspectives*, 3-18, New York: Nova Science Publishers. ISBN 978-1-60021-504-9 <http://digital.library.adelaide.edu.au/dspace/handle/2440/45661>
- Suthers GK & Poplawski N 2007. Modern Genetics. in (eds) *Practical Paediatrics 6th Edition*, 289-303, UK: Churchill Livingstone. ISBN 0-443-10280-6 <http://digital.library.adelaide.edu.au/dspace/handle/2440/45707>

Journal Article

- Anand Ivell RJK; Heng K; Bartsch O & Ivell RJ 2007. Relaxin signalling in THP-1 cells uses a novel phosphotyrosine-dependent pathway. *Molecular and Cellular Endocrinology*. 272 (1-2): 1-13.
- Anderson PH; Sawyer A; May BK; O'Loughlin PD & Morris HA 2007. 25-Hydroxyvitamin D requirement for maintaining skeletal health utilising a Sprague-Dawley rat model. *Journal of Steroid Biochemistry and Molecular Biology*. 103 (3-5 Sp Iss): 592-595.

- Anderson PJ; Cox TC; Roscioli T; Elakis G; Smithers LG; David DJ & Powell BC 2007. Somatic FGFR and TWIST mutations are not a common cause of isolated nonsyndromic single suture craniosynostosis. *Journal of Craniofacial Surgery*. 18 (2): 312-314.
- Atatreh N; Stojkoski C; Smith PA; Booker GW; Dive C; Frenkel AD; Freeman SK & Bryce RA 2007. In silico screening and biological evaluation of inhibitors of Src-SH3 domain interaction with a proline-rich ligand. *Bioorganic & Medicinal Chemistry Letters*. 18 (3): 1217-1222. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43291>
- Atkins GJ; Anderson PH; Findlay DM; Weldon KJ; Vincent C; Zannettino ACW; O'Loughlin PD & Morris HA 2007. Metabolism of vitamin D-3 in human osteoblasts: Evidence for autocrine and paracrine activities of 1 alpha,25-dihydroxyvitamin D-3. *Bone*. 40 (6): 1517-1528.
- Bailey LM; Ivanov RA; Wallace JC & Polyak SW 2007. Artfactual detection of biotin on histones by streptavidin. *Analytical Biochemistry*. : 1-7.
- Barnett PD; Nordstrom K & O'Carroll DC 2007. Retinotopic organization of small-field-target-detecting neurons in the insect visual system. *Current Biology*. 17 (7): 569-578.
- Bay K; Virtanen HE; Hartung S; Ivell RJ; Main KM; Skakkebaek NE; Andersson A & Toppari J 2007. Insulin-like factor 3 levels in cord blood and serum from children: Effects of age, postnatal hypothalamic-pituitary-gonadal axis activation, and cryptorchidism. *Journal of Clinical Endocrinology and Metabolism*. 92 (10): 4020-4027.
- Behr R; Deller C; Godmann M; Muller T; Bergmann M; Ivell RJ & Steger K 2007. Kruppel-like factor 4 expression in normal and pathological human testes. *Molecular Human Reproduction*. 13 (11): 815-820.
- Bernhagen J; Krohn R; Lue H; Gregory JL; Zerneck A; Koenen RR; Dewor M; Georgiev I; Schober A; Leng L; Kooistra T; Fingerle-Rowson G; Ghezzi P; Kleemann R; McColl SR; Bucala R; Hickey MJ & Weber C 2007. MIF is a noncognate ligand of CXC chemokine receptors in inflammatory and atherogenic cell recruitment. *Nature Medicine*. 13 (5): 587-596.
- Bitter NL; Clisby EF; Jones MA; Magarey ME; Jaberzadeh S & Sandow MJ 2007. Relative contributions of infraspinatus and deltoid during external rotation in healthy shoulders. *Journal of Shoulder and Elbow Surgery*. 16 (5): 563-568.
- Blackshaw LA; Brookes SJH; Grundy D & Schemann M 2007. Sensory transmission in the gastrointestinal tract. *Neurogastroenterology and Motility*. 19 Suppl. (1): 1- 19. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44828>
- Boonsaen T; Rojvirat P; Surinya KH; Wallace JC & Jitrapakdee S 2007. Transcriptional regulation of the distal promoter of the rat pyruvate carboxylase gene by hepatocyte nuclear factor 3 /Foxa2 and upstream stimulatory factors in insulinoma cells. *Biochemical Journal*. 405 Part 2: 359-367.
- Bowen JM; Gibson RJ; Stringer A; Chan TW; Prabowo A; Cummins AG & Keefe DMK 2007. Role of p53 in irinotecan-induced intestinal cell death and mucosal damage. *Anti-Cancer Drugs*. 18 (2): 197-210. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43814>
- Bowen JM; Noakes M & Clifton PM 2007. Appetite hormones and energy intake in obese men after consumption of fructose, glucose and whey protein beverages. *International Journal of Obesity*. 31 (11): 1686-1703.
- Brinkworth RSA; Tuncer M; Tucker KJ; Jaberzadeh S & Turker KS 2007. Standardization of H-reflex analyses. *Journal of Neuroscience Methods*. 162 (1-2): 1-7.
- Brown J; Delaine CA; Zaccheo OJ; Siebold C; Gilbert RJ; van Boxel G; Denley A; Wallace JC; Hassan AB; Forbes BE & Jones EY 2007. Structure and functional analysis of the IGF-II/IGF2R interaction. *EMBO Journal*. 27 (1): 265-276. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43292>
- Burman AC; Banovic T; Kuns RD; Clouston AD; Stanley AD; Morris ES; Rowe V; Bofinger H; Skoczylas R; Raffelt N; Fahy OL; McColl SR; Engwerda CR; McDonald KP & Hill GR 2007. IFN gamma differentially controls the development of idiopathic pneumonia syndrome and GVHD of the gastrointestinal tract. *Blood*. 110 (3): 1064-1072.
- Bursill CA; Abbey M & Roach PD 2007. A green tea extract lowers plasma cholesterol by inhibiting cholesterol synthesis and upregulating the LDL receptor in the cholesterol-fed rabbit. *Atherosclerosis*. 193 (1): 86-93.
- Carr JM; Cheney KM; Coolen C; Davis A; Shaw DR; Ferguson W; Chang G; Higgins G; Burrell CJ & Li P 2007. Development of methods for coordinate measurement of total cell-associated and integrated human immunodeficiency virus type 1 (HIV-1) DNA forms in routine clinical samples: Levels are not associated with clinical parameters, but low levels of integra. *Journal of Clinical Microbiology*. 45 (4): 1288-1297.
- Cavalleri GL; Walley NM; Soranzo N; Mulley JC; Doherty CP; Kapoor A; Depondt C; Lynch JM; Scheffer IE; Heils A; Gehrman A; Kinirons P; Gandhi S; Satishchandra P; Wood NW; Anand A; Sander T; Berkovic SF; Delanty N; Goldstein D & Sisodiya S 2007. A multicenter study of BRD2 as a risk factor for juvenile myoclonic epilepsy. *Epilepsia*. 48 (4): 706-712.
- Chandrashekar IR; Yao S; Wang CC; Bansal P; Alewood PF; Forbes BE; Wallace JC; Bach LA & Norton RS 2007. The N-terminal subdomain of insulin-like growth factor (IGF) binding protein 6. Structure and interaction with IGFs. *Biochemistry*. 46 (11): 3065-3074.

- Cleanthous X; Noakes M; Keogh JB; Mohr PB & Clifton PM 2007. Weight loss maintenance in women 3 years after following a 12-week structured weight loss program. *Obesity Research & Clinical Practice*. 1 (3): 195-211.
- Coldwell JR; Phillis BD; Sutherland K; Howarth GS & Blackshaw LA 2007. Increased responsiveness of rat colonic splanchnic afferents to 5-HT after inflammation and recovery. *Journal of Physiology-London*. 579 (1): 203-213. <http://digital.library.adelaide.edu.au/dspace/handle/2440/37066>
- Comerford I; Litchfield W; Harata-Lee Y; Nibbs RJB & McColl SR 2007. Regulation of chemotactic networks by 'atypical' receptors. *Bioessays*. 29 (3): 237-247.
- Dastmalchi S; Beheshti S; Morris MB & Church WB 2007. Prediction of rotational orientation of transmembrane helical segments of integral membrane proteins using new environment-based propensities for amino acids derived from structural analyses. *FEBS Journal*. 274 (10): 2653-2660.
- Dave KA; Hamilton BR; Wallis TP; Furness SGB; Whitlaw ML & Gorman JJ 2007. Identification of N,N epsilon-dimethyl-lysine in the murine dioxin receptor using MALDI-TOF/TOF- and ESI-LTQ-Orbitrap-FT-MS. *International Journal of Mass Spectrometry*. 268 (2-3): 168-180.
- Davenport MP; Ribeiro RM; Zhang L; Wilson DPM & Perelson AS 2007. Understanding the mechanisms and limitations of immune control of HIV. *Immunological Reviews*. 216 (1): 164-175. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44917>
- De Blasio MJ; Gatford KL; McMillen IC; Robinson JS & Owens JA 2007. Placental restriction of fetal growth increases insulin action, growth, and adiposity in the young lamb. *Endocrinology*. 148 (3): 1350-1358.
- Delaine CA; Alvino CL; McNeil KA; Mulhern TD; Gauguin L; De Meyts P; Jones EY; Brown J; Wallace JC & Forbes BE 2007. A novel binding site for the human insulin-like growth factor-II (IGF-II)/mannose 6-phosphate receptor on IGF-II. *Journal of Biological Chemistry*. 282 (26): 18886-18894.
- Delaney SK; Orfanos A; Martin-Harris MH & Timmis JN 2007. The fiber-specificity of the cotton FSltp4 gene promoter is regulated by an AT-rich promoter region and the AT-hook transcription factor GhAT1. *Plant and Cell Physiology*. In Press: WWW 1-WWW 39.
- Delaney SK; Orford SJ; Martin-Harris MH & Timmis JN 2007. The fiber specificity of the cotton FSltp4 gene promoter is regulated by an AT-rich promoter region and the AT-hook transcription factor GhAT1. *Plant and Cell Physiology*. 48 (10): 1426-1437.
- Denley A; Carroll JM; Brierley GV; Cosgrove LJ; Wallace JC; Forbes BE & Roberts CT 2007. Differential activation of insulin receptor substrates 1 and 2 by insulin-like growth factor-activated insulin receptors. *Molecular and Cellular Biology*. 27 (10): 3569-3577.
- Diaz VM; Mori S; Longobardi E; Menendez G; Ferrai C; Keough RA; Bachi A & Blasi F 2007. P160 myb-binding protein interacts with prep1 and inhibits its transcriptional activity. *Molecular and Cellular Biology*. 27 (22): 7981-7990.
- Dibbens LM; Ekberg J; Taylor I; Hodgson BL; Conroy S; Lensink IL; Kumar S; Zielinski MA; Harkin LA; Sutherland GR; Adams DJ; Berkovic SF; Scheffer IE; Mulley JC & Poronnik P 2007. NEDD4-2 as a potential candidate susceptibility gene for epileptic photosensitivity. *Genes, Brain and Behavior*. 6 (8): 750-755.
- Diedrich A; Malow BA; Antic NA; Sato K; McEvoy RD; Mathias CJ; Robertson D; Berry-Kravis EM & Weese-Mayer DE 2007. Vagal and sympathetic heart rate and blood pressure control in adult onset PHOX2B mutation-confirmed congenital central hypoventilation syndrome. *Clinical Autonomic Research*. 17 (3): 177-185.
- Dodd IB; Micheelsen MA; Sneppen K & Thon G 2007. Theoretical analysis of epigenetic cell memory by nucleosome modification. *Cell*. 129 (4): 813-822.
- Dodd IB; Shearwin KE & Sneppen K 2007. Modelling transcriptional interference and DNA looping in gene regulation. *Journal of Molecular Biology*. 369 (5): 1200-1213.
- Dohm JC; Tsend-Ayush E; Reinhardt R; Grutzner F & Himmelbauer H 2007. Disruption and pseudoautosomal localization of the major histocompatibility complex in monotremes. *Genome Biology (Online Edition)*. 8 (8): R175:1-R175:16.
- Doughty P; Maryan B; Donnellan SC & Hutchinson MN 2007. A new species of taipan (Elapidae : Oxyuranus) from central Australia. *Zootaxa*. 1422: 45-58.
- Dwivedi PP; Anderson PH; Tilley WD; May BK & Morris HA 2007. Role of oncoprotein Growth Factor Independent-1 (GFI1) in repression of 25-hydroxyvitamin D 1alpha-hydroxylase (CYP27B1): A comparative analysis in human prostate cancer and kidney cells. *Journal of Steroid Biochemistry and Molecular Biology*. 103 (3-5 Sp Iss): 742-746.

- Easton DF; Pooley KA; Pharoah PDP; Thompson D; Ballinger DG; Struewing JP; Morrison J; Field H; Luben R; Wareham N; Ahmed SF; Healey CS; Bowman R; Luccarini C; Conroy D; Shah M; Munday H; Jordan C; Perkins B; West J; Redman K; Driver K; Meyer KB; Haiman CA; Kolonel LK; Henderson BE; Le Marchand L; Brennan PS; Sangrajrang S; Gaborieau V; Odefrey F; Shen C; Wu P; Wang H; Eccles D; Evans DG; Peto J; Fletcher O; Johnson N; Seal S; Stratton MR; Rahman N; Chenevix-Trench G; Bojesen SE; Nordestgaard BG; Axelsson CK; Garcia-Closas M; Brinton L; Chanock S; Lissowska J; Peplonska B; Nevanlinna H; Fagerholm R; Eerola H; Kang D; Yoo K; Noh D; Ahn S; Hunter DJ; Hankinson SE; Cox DG; Hall P; Wedren S; Liu J; Low Y; Bogdanova N; Schuzrmann P; Doçrk T; Tollenaar RAEM; Jacobi CE; Devilee P; Klijn JGM; Sigurdson AJ; Doody MM; Alexander BH; Zhang J; Brock IW; MacPherson G; Reed MWR; Couch FJ; Goode EL; Olson JE; Meijers-Heijboer H; van den Ouweland A; Uitterlinden A; Rivadeneira F; Milne RL; Ribas G; Gonzalez-Neira A; Benitez J; Hopper JL; McCredie MRE; Southey MC; Giles GG; Schroen C; Justenhoven C; Brauch H; Hamann U; Ko Y; Spurdle AB; Beesley J; Chen X; Aghmesheh M; Amor DJ; Andrews L; Antill Y; Armes J; Armitage S; Arnold L; Balleine RL; Begley G; Beilby J; Bennett I; Bennett B; Berry G; Blackburn A; Brennan M; Brown MH; Buckley M; Burke J; Butow PN; Byron K; Callen DF; Campbell IG; Clarke C; Colley A; Cotton D; Cui J; Culling B; Cummings M; Dawson S; Dixon JW; Dobrovic A; Dudding TE; Edkins T; Eisenbruch M; Farshid G; Fawcett S; Field MJ; Firgaira F; Fleming J; Forbes J; Friedlander M; Gaff C; Gardner M; Gattas M; George P; Gill G; Goldblatt J; Greening S; Grist S; Haan EA; Harris M; Hart S; Hayward NK; Humphrey E; Jenkins M; Jone A; Kefford R; Kirk J; Kollias J; Kovalenko S; Lakhani S; Leary J; Lim J; Lindeman GJ; Lipton L; Lobb L; Maclurcan M; Mann GJ; Marsh D; McKay M; McLachlan SA; Meiser B; Milne R; Mitchell G; Newman B; OÆLoughlin I; Osborne R; Peters L; Phillips K; Price MA; Reeve J; Reeve T; Richards R; Rinehart G; Robinson B; Rudzki B; Salisbury E; Sambrook JF; Saunders C; Scott C; Scott E; Scott R; Seshadri R; Shelling A; Suthers GK; Taylor D; Tennant CC; Thorne H; Townshend S; Tucker K; Tyler J; Venter D; Visvader JE; Walpole I; Ward R; Waring P; Warner B; Warren G; Watson EL; Williams R; Wilson J; Winship I; Young MA; Bowtell D; Green A; deFazio A; Gertig DM; Webb P; Mannermaa A; Kosma V; Kataja V; Hartikainen J; Day NE; Cox DR & Ponder BAJ 2007. Genome wide association study identifies novel breast cancer susceptibility loci. *Nature*. 447: 1087-1095. <http://digital.library.adelaide.edu.au/dspace/handle/2440/46154>
- Eckert DJ; McEvoy RD; George KE; Thomson KJ & Catcheside P 2007. Genioglossus reflex inhibition to upper-airway negative-pressure stimuli during wakefulness and sleep in healthy males. *Journal of Physiology-London*. 581 (3): 1193-1205.
- Ellis DH; Sorrell TC & Chen S 2007. Impact of antifungal resistance in Australia. *Microbiology Australia*. : 171-175. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43191>
- El-Mogharbel N; Wakefield M; Deakin JE; Tsend-Ayush E; Grutzner F; Alsop AE; Ezaz T & Graves JAM 2007. DMRT gene cluster analysis in the platypus: New insights into genomic organization and regulatory regions. *Genomics*. 89 (1): 10-21. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42879>
- Espinel-Ingroff A; Arthington-Skaggs B; Iqbal N; Ellis DH; Pfaller MA; Messer S; Rinaldi MG; Fothergill AW; Gibbs DL & Wang A 2007. Multicenter evaluation of a new disk agar diffusion method for susceptibility testing of filamentous fungi with voriconazole, posaconazole, itraconazole, amphotericin B, and caspofungin. *Journal of Clinical Microbiology*. 45 (6): 1811-1820.
- Eyre NS; Cleland LG; Tandon NN & Mayrhofer G 2007. Importance of the carboxyl terminus of FAT/CD36 for plasma membrane localization and function in long-chain fatty acid uptake. *Journal of Lipid Research*. 48 (3): 528-542.
- Feig C; Kirchhoff C; Ivell RJ; Naether O; Schulze W & Spiess A 2007. A new paradigm for profiling testicular gene expression during normal and disturbed human spermatogenesis. *Molecular Human Reproduction*. 13 (1): 33-43. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42795>
- Field MJ; Tarpey P; Smith R; Edkins S; O'Meara S; Stevens C; Tofts C; Teague J; Butler A; Dicks E; Barthorpe S; Buck G; Cole J; Gray K; Halliday K; Hills K; Jenkinson A; Jones D; Menzies A; Mironenko T; Perry J; Raine K; Richardson D; Shepherd R; Small A; Varian J; West S; Widaa S; Mallya U; Wooster R; Moon J; Luo Y; Hughes H; Shaw MA; Friend KL; Corbett M; Turner G; Partington MW; Mulley JC; Bobrow M; Schwartz CE; Stevenson RE; Gecz J; Stratton MR; Futreal PA & Raymond FL 2007. Mutations in the BRWD3 gene cause X-linked mental retardation associated with macrocephaly. *American Journal of Human Genetics*. 81 (2): 367-374.
- Fletcher CJ; Roberts CT; Hartwich KM; Walker SK & McMillen IC 2007. Somatic cell nuclear transfer in the sheep induces placental defects that likely precede fetal demise. *Reproduction*. 133 (1): 243-255.
- Foot N; Orgeig S; Donnellan SC; Bertozzi T & Daniels CB 2007. Positive selection in the N-Terminal extramembrane domain of lung surfactant protein C (SP-C) in marine mammals. *Journal of Molecular Evolution*. 65 (1): 12-22.
- Forder REA; Howarth GS; Tivey DR & Hughes RJ 2007. Bacterial modulation of small intestinal goblet cells and mucin composition during early posthatch development of Poultry(1). *Poultry Science*. 86 (11): 2396-2403.
- Frisby CL; Fraser RJJ; Schirmer M; Yeoh E & Blackshaw LA 2007. Roles of muscarinic receptor subtypes in small intestinal motor dysfunction in acute radiation enteritis. *American Journal of Physiology-Gastrointestinal and Liver Physiology*. 293 (1): G121-G127.

- Furness SGB; Lees MJ & Whitelaw ML 2007. The dioxin (aryl hydrocarbon) receptor as a model for adaptive responses of bHLH/PAS transcription factors. *FEBS Letters*. 581 (19Sp. Iss.): 3616-3625.
- Gardner MG; Bull CM; Fenner A; Murray K & Donnellan SC 2007. Consistent social structure within aggregations of the Australian lizard, *Egernia stokesii* across seven disconnected rocky outcrops. *Journal of Ethology*. 25 (3): 263-270.
- Geier MS; Butler RN & Howarth GS 2007. Inflammatory bowel disease: Current insights into pathogenesis and new therapeutic options; probiotics, prebiotics and synbiotics. *International Journal of Food Microbiology*. 115: 1-11. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43752>
- Geier MS; Butler RN; Giffard PM & Howarth GS 2007. *Lactobacillus fermentum* BR11, a potential new probiotic, alleviates symptoms of colitis induced by dextran sulfate sodium (DSS) in rats. *International Journal of Food Microbiology*. 114 (3): 267-274. <http://digital.library.adelaide.edu.au/dspace/handle/2440/34729>
- Geier MS; Butler RN; Giffard PM & Howarth GS 2007. Prebiotic and synbiotic fructooligosaccharide administration fails to reduce the severity of experimental colitis in rats. *Diseases of the Colon & Rectum*. 50 (7): 1061-1069.
- Geurten BRH; Nordstrom K; Sprayberry JDH; Bolzon DM & O'Carroll DC 2007. Neural mechanisms underlying target detection in a dragonfly centrifugal neuron. *Journal of Experimental Biology*. 210 (18): 3277-3284.
- Gobel R; Symonds EL; Butler RN & Tran CD 2007. Association between *Helicobacter pylori* infection in mothers and birth weight. *Digestive Diseases and Sciences*. 52 (11): 3049-3053.
- Gregory SL; Shandala T; O'Keefe LV; Jones LM; Murray MJ & Saint RB 2007. A *Drosophila* overexpression screen for modifiers of Rho signalling in cytokinesis. *Fly*. 1 (1): 13-23. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43298>
- Hall KC; Fowler AJ & Geddes MC 2007. Evidence for multiple year classes of the giant Australian cuttlefish *Sepia apama* in northern Spencer Gulf, South Australia. *Reviews in Fish Biology and Fisheries*. 17 (2-3): 367-384.
- Hanlon RT; Naud M; Forsythe JW; Hall KC; Watson AC & McKechnie J 2007. Adaptable night camouflage by cuttlefish. *American Naturalist*. 169 (4): 543-551.
- Harkin LA; McMahon JM; Iona X; Dibbens LM; Pelekanos JT; Zuberi SM; Sadleir L; Andermann E; Gill DS; Farrell K; Connolly M; Stanley T; Harbord MG; Andermann F; Wang J; Batish SD; Jones JG; Seltzer WK; Gardner AE; Sutherland GR; Berkovic SF; Mulley JC & Scheffer IE 2007. The spectrum of SCN1A-related infantile epileptic encephalopathies. *Brain*. 130 PN 3: 843-852.
- Hayes VM; Severi G; Padilla EJD; Morris HA; Tilley WD; Southey MC; English DR; Sutherland RL; Hopper JL; Boyle P & Giles GG 2007. 5 alpha-Reductase type 2 gene variant associations with prostate cancer risk, circulating hormone levels and androgenetic alopecia. *International Journal of Cancer*. 120 (4): 776-780. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43000>
- Herlenius E; Heron SE; Grinton BE; Keay D; Scheffer IE; Mulley JC & Berkovic SF 2007. SCN2A mutations and benign familial neonatal-infantile seizures: The phenotypic spectrum. *Epilepsia*. 48 (6): 1138-1142.
- Heron SE; Cox K; Hayes AJ; Zuberi SM; Kivity S; Afawi Z; Straussberg R; Berkovic SF; Scheffer IE & Mulley JC 2007. Deletions or duplications in KCNQ2 can cause benign familial neonatal seizures. *Journal of Medical Genetics*. 44 (12): 791-796.
- Heron SE; Khosravani H; Varela D; Bladen C; Williams TC; Newman MR; Scheffer IE; Berkovic SF; Mulley JC & Zamponi GW 2007. Extended spectrum of idiopathic generalized epilepsies associated with CACNA1H functional variants. *Annals of Neurology*. 62 (6): 560-568.
- Heron SE; Sanchez L; Scheffer IE; Berkovic SF & Mulley JC 2007. Association studies and functional validation or functional validation alone?. *Epilepsy Research*. 74 (2-3): 237-238.
- Heron SE; Scheffer IE; Berkovic SF; Dibbens LM & Mulley JC 2007. Channelopathies in idiopathic epilepsy. *Neurotherapeutics*. 4 (2): 295-304.
- Hill A; Buckley JD; Murphy KJ & Howe PRC 2007. Combining fish-oil supplements with regular aerobic exercise improves body composition and cardiovascular disease risk factors 1-3. *American Journal of Clinical Nutrition*. 85 (5): 1267-1274.
- Hill A; Coates AM; Buckley JD; Ross R; Thielecke F & Howe PRC 2007. Can EGCG reduce abdominal fat in obese subjects?. *Journal of the American College of Nutrition*. 26 (4): 396S-402S.
- Hill A; LaForgia J; Coates AM; Buckley JD & Howe PRC 2007. Estimating abdominal adipose tissue with DXA and anthropometry. *Obesity*. 15 (2): 504-510.
- Hill A; Worthley CR; Murphy KJ; Buckley JD; Ferrante A & Howe PRC 2007. n-3 Fatty acid supplementation and regular moderate exercise: differential effects of a combined intervention on neutrophil function. *British Journal of Nutrition*. 98 (2): 300-309.

- Hlavac M; Catcheside P; Adams A; Eckert DJ & McEvoy RD 2007. The effects of hypoxia on load compensation during sustained incremental resistive loading in patients with obstructive sleep apnea. *Journal of Applied Physiology*. 103 (1): 234-239.
- Ho JT; Lewis JG; O'Loughlin PD; Bagley CJ; Romero R; Dekker GA & Torpy DJ 2007. Reduced maternal corticosteroid-binding globulin and cortisol levels in pre-eclampsia and gamete recipient pregnancies. *Clinical Endocrinology*. 66 (6): 869-877.
- Hoang PD; Herbert RD; Todd G; Gorman RB & Gandevia SC 2007. Passive mechanical properties of human gastrocnemius muscle-tendon units, muscle fascicles and tendons in vivo. *Journal of Experimental Biology*. 210 (23): 4159-4168.
- Hughes PA; Brierley SM; Young RL & Blackshaw LA 2007. Localization and comparative analysis of acid-sensing ion channel (ASIC1, 2, and 3) mRNA expression in mouse colonic sensory neurons within thoracolumbar dorsal root ganglia. *Journal of Comparative Neurology*. 500 (5): 863-875. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42999>
- Huynh TK; Lee LR & Ellis DH 2007. Late-onset post-traumatic Phaeoacremonium parasiticum endophthalmitis. *Clinical and Experimental Ophthalmology*. 35 (4): 366-368.
- Hyatt MA; Gopalakrishnan GS; Bispham J; Gentili S; McMillen IC; Rhind SM; Rae MT; Kyle CE; Brooks AN; Jones C; Budge H; Walker D; Stephenson T & Symonds ME 2007. Maternal nutrient restriction in early pregnancy programs hepatic mRNA expression of growth-related genes and liver size in adult male sheep. *Journal of Endocrinology*. 192 (1): 87-97.
- Ivell RJ 2007. Lifestyle impact and the biology of the human scrotum. *Reproductive Biology and Endocrinology*. 5 (15): 1-8.
- Jaberzadeh S; Pearce SL; Miles TS; Turker KS & Nordstrom MA 2007. Intracortical inhibition in the human trigeminal motor system. *Clinical Neurophysiology*. 118 (8): 1785-1793.
- Jitrapakdee S; Adina-Zada A; Besant PG; Surinya KH; Cleland WW; Wallace JC & Attwood PV 2007. Differential regulation of the yeast isozymes of pyruvate carboxylase and the locus of action of acetyl CoA. *International Journal of Biochemistry & Cell Biology*. 39 (6): 1211-1223.
- Jitrapakdee S; Surinya KH; Adina-Zada A; Polyak SW; Stojkoski C; Smyth RR; Booker GW; Cleland WW; Attwood PV & Wallace JC 2007. Conserved Glu40 and Glu433 of the biotin carboxylase domain of yeast pyruvate carboxylase I isoenzyme are essential for the association of tetramers. *International Journal of Biochemistry & Cell Biology*. 39 (11): 2120-2134.
- Juhasz AL; Smith E; Weber JT; Rees MH; Rofe AM; Kuchel TR; Sansom LN & Naidu R 2007. Comparison of in vivo and in vitro methodologies for the assessment of arsenic bioavailability in contaminated soils. *Chemosphere*. 69 (6): 961-966. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43798>
- Kamil R; Geier MS; Butler RN & Howarth GS 2007. Lactobacillus rhamnosus GG exacerbates intestinal ulceration in a model of indomethacin-induced enteropathy. *Digestive Diseases and Sciences*. 52 (5): 1247-1252.
- Kassahn KS; Caley MJ; Ward AC; Connolly AR; Stone G & Crozier RH 2007. Heterologous microarray experiments used to identify the early gene response to heat stress in a coral reef fish. *Molecular Ecology*. 16 (8): 1749-1763.
- Keogh JB; Brinkworth GD & Clifton PM 2007. Effects of weight loss on a low-carbohydrate diet on flow-mediated dilatation, adhesion molecules and adiponectin. *British Journal of Nutrition*. 98 (4): 852-859.
- Keyhanfar M; Booker GW; Whittaker J; Wallace JC & Forbes BE 2007. Precise mapping of an IGF-I-binding site on the IGF-1R. *Biochemical Journal*. 401 Part 1: 269-277. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42969>
- Khaitan A; Jandbyala DM; Thorpe CM; Ritchie JM & Paton AW 2007. The operon encoding SubAB, a novel cytotoxin, is present in Shiga toxin-producing Escherichia coli isolates from the United States. *Journal of Clinical Microbiology*. 45 (4): 1374-1375.
- Khut P; Tucker B; Lardelli MT & Wood SA 2007. Evolutionary and expression analysis of the zebrafish deubiquitylating enzyme, Usp9. *Zebrafish*. 4 (2): 95-101.
- Knott ML; Matthaei KI; Giacomini P; Wang H; Foster PS & Dent LA 2007. Impaired resistance in early secondary Nippostrongylus brasiliensis infections in mice with defective eosinophilopoiesis. *International Journal for Parasitology*. 37 (12): 1367-1378.
- Koohi MK; Walther N & Ivell RJ 2007. A novel molecular assay to discriminate transcriptional effects caused by xenoestrogens. *Molecular and Cellular Endocrinology*. 276 (1-2): 45-54.
- Kousoulidou L; Parkel S; Zilina O; Palta P; Puusepp H; Remm M; Turner G; Boyle JA; van Bokhoven H; de Brouwer APM; Van Esch H; Froyen G; Ropers H; Chelly J; Moraine C; Gecz J; Kurg A & Patsalis PC 2007. Screening of 20 patients with X-linked mental retardation using chromosome X-specific array-MAPH. *European Journal of Medical Genetics*. 50 (6): 399-410.

- Kraaijeveld AO; de Jager SCA; de Jager WJ; Prakken BJ; McColl SR; Haspels I; Putter H; van Berkel TJC; Nagerlkerken L; Jukema JW & Biessen EAL 2007. CC chemokine ligand-5 (CCL5/RANTES) and CC chemokine ligand-18 (CCL18/PARC) are specific markers of refractory unstable angina pectoris and are transiently raised during severe ischemic symptoms. *Circulation*. 116 (17): 1931-1941.
- Kuang Z; Yao S; McNeil KA; Thompson JA; Bach LA; Forbes BE; Wallace JC & Norton RS 2007. Cooperativity of the N- and C-terminal domains of insulin-like growth factor (IGF) binding protein 2 in IGF binding. *Biochemistry*. 46 (48): 13720-13732.
- Kusner DJ; Thompson CR; Melrose N; Pitson SM; Obeid LM & Iyer SS 2007. The localization and activity of sphingosine kinase 1 are coordinately regulated with actin cytoskeletal dynamics in macrophages. *Journal of Biological Chemistry*. 282 (32): 23147-23162.
- Larik R; Morris HA & O'Loughlin PD 2007. Determination of Vitamin D-dependent calcium absorption by Ca-45 gavage in the rat. *Journal of Steroid Biochemistry and Molecular Biology*. 103 (3-5 Sp Iss): 517-520.
- Lau DHS; Stiles MK; Shashidhar .; Young GD & Sanders P 2007. Atrial fibrillation and anabolic steroid abuse. *International Journal of Cardiology*. 117 (2): e86-e87.
- Lavender AP & Nosaka K 2007. Fluctuations of isometric force after eccentric exercise of the elbow flexors of young, middle-aged, and old men. *European Journal of Applied Physiology*. 100 (2): 161-167.
- Lehman S; Antic NA; Thompson C; Catcheside P; Mercer J & McEvoy RD 2007. Central sleep apnea on commencement of continuous positive airway pressure in patients with a primary diagnosis of obstructive sleep apnea-hypopnea. *The Journal of Clinical Sleep Medicine*. 3 (5): 462-466. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44333>
- Leong D; Stiles MK; John B; Lau DHS; Young GD & Sanders P 2007. Spontaneous degeneration of supraventricular tachycardia to ventricular fibrillation. *Journal of Cardiovascular Electrophysiology*. 18 (3): 336-337.
- Lepore D; Thomas GPL; Knight KR; Hussey AJ; Callahan T; Wagner J; Morrison WA & Thomas PQ 2007. Survival and differentiation of pituitary colony-forming cells in vivo. *Stem Cells*. 25 (7): 1730-1736.
- Liebrechts T; Adam B; Bredack C; Roth A; Heinzel SM; Lester SE; Downie-Doyle SE; Smith E; Drew PA; Talley NJ & Holtmann GJ 2007. Immune activation in patients with irritable bowel syndrome. *Gastroenterology*. 132 (3): 913-920.
- Lightfoot DJ; Malone KM; Timmis JN & Orford SJ 2007. Evidence for alternative splicing of MADS-box transcripts in developing cotton fibre cells. *Molecular Genetics and Genomics*. 279 (1): 75-85.
- Lim SS; Clifton PM; Noakes M & Norman RJ 2007. Obesity management in women with polycystic ovary syndrome. *Women's Health (London, 2005)*. 3 (1): 73-86.
- Lim SS; Noakes M & Norman RJ 2007. Dietary effects on fertility treatment and pregnancy outcomes. *Current Opinion in Endocrinology, Diabetes and Obesity*. 14 (6): 465-469.
- Linke S; Hampton-Smith RJ & Peet DJ 2007. Characterization of ankyrin repeat-containing proteins as substrates of the asparaginyl hydroxylase factor inhibiting hypoxia-inducible transcription factor. *Methods in Enzymology*. 435: 61-85.
- Litjens T; Nguyen T; Castro J; Aromataris EC; Jones LA; Barritt GJ & Rychkov G 2007. Phospholipase C-1 is required for the activation of store-operated Ca²⁺ channels in liver cells. *Biochemical Journal*. 405 (2): 269-276.
- Lumsden AL; Henshall TL; Dayan S; Lardelli MT & Richards RI 2007. Huntingtin-deficient zebrafish exhibit defects in iron utilization and development. *Human Molecular Genetics*. 16 (16): 1905-1920.
- MacLaughlin S; Walker SK; Kleeman DO; Sibbons JP; Tosh DN; Gentili S; Coulter CL & McMillen IC 2007. Impact of periconceptional undernutrition on adrenal growth and adrenal insulin-like growth factor and steroidogenic enzyme expression in the sheep fetus during early pregnancy. *Endocrinology*. 148 (4): 1911-1920.
- Marshall NS; Wilsmore BR; McEvoy RD; Wheatley JR; Dodd MJ & Grunstein RR 2007. Polysomnography in Australia-trends in provision. *The Journal of Clinical Sleep Medicine*. 3 (3): 281-284. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44334>
- Mason WS; Litwin S; Xu C & Jilbert AR 2007. Hepatocyte turnover in transient and chronic hepatitis virus infections. *Journal of Viral Hepatitis*. 14 (Suppl. 1): 22-28.
- Matthews GO; Howarth GS & Butler RN 2007. Short-Chain Fatty Acid Modulation of Apoptosis in the Kato III Human Gastric Carcinoma Cell Line. *Cancer Biology & Therapy*. 6 (7): 1051-1057. <http://digital.library.adelaide.edu.au/dspace/handle/2440/37466>
- Maurice MS; Reinhardt L; Surinya KH; Attwood PV; Wallace JC; Cleland WW & Rayment I 2007. Domain architecture of pyruvate carboxylase, a biotin-dependent multifunctional enzyme. *Science*. 317 (5841): 1076-1079.
- Maus UA; Backi M; Winter C; Srivastava M; Schwarz MK; Ruckle T; Paton JC; Briles DE; Mack M; Welte T; Maus R; Bohle RM; Seeger W; Rommel C; Hirsch E; Lohmeyer J & Preissner KT 2007. Importance of phosphoinositide 3-kinase in the host defense against pneumococcal infection. *American Journal of Respiratory and Critical Care Medicine*. 175 (9): 958-966.

- McDonnell MN; Hillier SL; Miles TS; Thompson PD & Ridding MC 2007. Influence of combined afferent stimulation and task-specific training following stroke: A pilot randomized controlled trial. *Neurorehabilitation and Neural Repair*. 21 (5): 435-443.
- McDonnell MN; Orekhov Y & Ziemann U 2007. Suppression of LTP-like plasticity in human motor cortex by the GABA(B) receptor agonist baclofen. *Experimental Brain Research*. 180 (1): 181-186.
- McDonnell MN; Thompson PD & Ridding MC 2007. The effect of cutaneous input on intracortical inhibition in focal task-specific dystonia. *Movement Disorders*. 22 (9): 1286-1292.
- McKenzie F; Fietz MJ; Fletcher J; Smith RLL; Wright IMR & Jaeken J 2007. A previously undescribed form of congenital disorder of glycosylation with variable presentation in siblings: Early fetal loss with hydrops fetalis, and infant death with hypoproteinemia. *American Journal of Medical Genetics. Part A*. 143A (17): 2029-2034.
- McMillan D; Miethke P; Alsop AE; Rens W; O'Brien PCM; Trifonov V; Veyrunes F; Schatzkamer K; Kremitzki CL; Graves T; Warren W; Grutzner F; Ferguson-Smith MA & Graves JAM 2007. Characterizing the chromosomes of the platypus (*Ornithorhynchus anatinus*). *Chromosome Research*. 15 (8): 961-974.
- McRAe AF; Matigian NA; Vadlamadi L; Mulley JC; Mowry B; Martin N; Berkovic SF; Hayward NK & Visscher PM 2007. Replicated effects of sex and genotype on gene expression in human lymphoblastoid cell lines. *Human Molecular Genetics*. 16 (4): 364-373. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42973>
- Mendis-Handagama SMLC; Ariyaratne HBS; Mrkonjich L & Ivell RJ 2007. Expression of insulin-like peptide 3 in the postnatal rat Leydig cell lineage: timing and effects of triiodothyronine-treatment. *Reproduction*. 133 (2): 479-485.
- Miles TS 2007. Postural control of the human mandible. *Archives of Oral Biology*. 52 (4): 347-352.
- Milte CM; Coates A; Buckley J; Hill A & Howe PRC 2007. Dose-dependent effects of docosahexaenoic acid-rich fish oil on erythrocyte docosahexaenoic acid and blood lipid levels. *British Journal of Nutrition*. 99 (5): 1083-1088. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43116>
- Moghaddami M; Cleland LG; Radisic G & Mayrhofer G 2007. Recruitment of dendritic cells and macrophages during T cell-mediated synovial inflammation. *Arthritis Research & Therapy*. 9 (6): 1-13.
- Moran LJ; Noakes M; Clifton PM; Wittert GA; Le Roux CW; Ghatei MA; Bloom SR & Norman RJ 2007. Postprandial ghrelin, cholecystokinin, peptide YY, and appetite before and after weight loss in overweight women with and without polycystic ovary syndrome. *American Journal of Clinical Nutrition*. 86 (6): 1603-1610.
- Morrison JL; Botting KJ; Dyer J; Williams SJ; Thornburg KL & McMillen IC 2007. Restriction of placental function alters heart development in the sheep fetus. *American Journal of Physiology-Regulatory Integrative and Comparative Physiology*. 293 (1): R306-R313.
- Muhlhauser BS; Duffield JA & McMillen IC 2007. Increased maternal nutrition stimulates peroxisome proliferator activated receptor-, adiponectin, and leptin messenger ribonucleic acid expression in adipose tissue before birth. *Endocrinology*. 148 (2): 878-885. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42968>
- Muhlhauser BS; Duffield JA & McMillen IC 2007. Increased maternal nutrition increases leptin expression in perirenal and subcutaneous adipose tissue in the postnatal lamb. *Endocrinology*. 148 (12): 6157-6163.
- Murphy KJ; Meyer BJ; Mori TA; Burke V; Mansour J; Patch C; Tapsell LC; Noakes M; Clifton PM; Barden A; Puddey IB; Beilin LJ & Howe PRC 2007. Impact of foods enriched with n-3 long-chain polyunsaturated fatty acids on erythrocyte n-3 levels and cardiovascular risk factors. *British Journal of Nutrition*. 97 (4): 749-757.
- Newman M; Musgrave IF & Lardelli MT 2007. Alzheimer disease: Amyloidogenesis, the presenilins and animal models. *Biochimica et Biophysica Acta-Molecular Basis of Disease*. 1772 (3): 285-297.
- Nordstrom MA 2007. Insights into the bilateral cortical control of human masticatory muscles revealed by transcranial magnetic stimulation. *Archives of Oral Biology*. 52 (4): 338-342.
- Nordstrom MA; Gorman RB; Laouris Y; Spielmann JM & Stuart DG 2007. Does motoneuron adaptation contribute to muscle fatigue?. *Muscle & Nerve*. 35 (2): 135-158. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42970>
- Nornes S; Newman M; Verdile G; Wells SJ; Stoick-Cooper CL; Tucker B; Frederich-Sleptsova I; Martins RN & Lardelli MT 2007. Interference with splicing of Presenilin transcripts has potent dominant negative effects on Presenilin activity. *Human Molecular Genetics*. : 402-412.
- Nosaka K; Muthalib M; Lavender AP & Laursen PB 2007. Attenuation of muscle damage by preconditioning with muscle hyperthermia 1-day prior to eccentric exercise. *European Journal of Applied Physiology*. 99 (2): 183-192. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42796>
- Notini AJ; McManus JF; Moore AJ; Bouxsein M; Jimenez M; Chiu MWS; Glatt V; Kream BE; Handelsman DJ; Morris HA; Zajac JD & Davey RAM 2007. Osteoblast deletion of exon 3 of the androgen receptor gene results in trabecular bone loss in adult male mice. *Journal of Bone and Mineral Research*. 22 (3): 347-356.

- Oemardi M; Horowitz M; Wishart JM; Morris HA; Need AG; O'Loughlin PD & Nordin BEC 2007. The effect of menopause on bone mineral density and bone-related biochemical variables in Indonesian women. *Clinical Endocrinology*. 67 (1): 93-100.
- Ogunniyi AD; Grabowicz M; Briles DE; Cook J & Paton JC 2007. Development of a vaccine against invasive pneumococcal disease based on combinations of virulence proteins of *Streptococcus pneumoniae*. *Infection and Immunity*. 75 (1): 350-357. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42797>
- Ogunniyi AD; Le Messurier KS; Graham RMA; Watt JM; Briles DE; Stroehner UH & Paton JC 2007. Contributions of pneumolysin, pneumococcal surface protein A (PspA), and PspC to pathogenicity of *Streptococcus pneumoniae* D39 in a mouse model. *Infection and Immunity*. 75 (4): 1843-1851.
- O'Keefe LV; Smibert P; Colella AD; Chataway TK; Saint RB & Richards RI 2007. Know thy fly. *Trends in Genetics*. 23 (5): 238-242. <http://digital.library.adelaide.edu.au/dspace/handle/2440/34800>
- Olayoye MA; Buchholz M; Schmid S; Schoffler P; Hoffmann P & Pomorski T 2007. Phosphorylation of StarD10 on serine 284 by casein kinase II modulates its lipid transfer activity. *Journal of Biological Chemistry*. 282 (31): 22492-22498.
- Oliver P; Hutchinson MR & Cooper SJB 2007. Phylogenetic relationships in the lizard genus *diplodactylus* gray and resurrection of *Lucasium wermuth* (Gekkota, diplodactylidae). *Australian Journal of Zoology*. 55 (3): 197-210.
- Owens JA; Gattford KL; De Blasio MJ; Edwards LJ; McMillen IC & Fowden AL 2007. Restriction of placental growth in sheep impairs insulin secretion but not sensitivity before birth. *Journal of Physiology-London*. 584 (3): 935-949.
- Owens JA; Thavaneswaran P; De Blasio MJ; McMillen IC; Robinson JS & Gattford KL 2007. Sex-specific effects of placental restriction on components of the metabolic syndrome in young adult sheep. *American Journal of Physiology-Endocrinology and Metabolism*. 292 (6): E1879-E1889.
- Page AJ; Brierley SM; Martin CM; Hughes PA & Blackshaw LA 2007. Acid sensing ion channels 2 and 3 are required for inhibition of visceral nociceptors by benzamil. *Pain*. 133 (1-3): 150-160.
- Page AJ; Slattery JA; Brierley SM; Jacoby AS & Blackshaw LA 2007. Involvement of galanin receptors 1 and 2 in the modulation of mouse vagal afferent mechanosensitivity. *Journal of Physiology-London*. 583 (2): 675-684.
- Page AJ; Slattery JA; Milte CM; Laker R; O'Donnell TA; Dorian CL; Brierley SM & Blackshaw LA 2007. Ghrelin selectively reduces mechanosensitivity of upper gastrointestinal vagal afferents. *American Journal of Physiology-Gastrointestinal and Liver Physiology*. 292 (5): G1376-G1384.
- Pebay A; Bonder CS & Pitson SM 2007. Stem cell regulation by lysophospholipids. *Prostaglandins & Other Lipid Mediators*. 84 (3-4): 83-97.
- Peters J; Wilson DPM; Myers G; Timms P & Bavoil PM 2007. Type III secretion α || Ç la Chlamydia. *Trends in Microbiology*. 15 (6): 241-251. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44838>
- Posterino GS & Dunn SL 2007. Comparison of the effects of inorganic phosphate on caffeine-induced Ca²⁺ release in fast- and slow-twitch mammalian skeletal muscle. *American Journal of Physiology-Cell Physiology*. : 1-9. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43295>
- Potter S; Orgeig S; Donnellan SC & Daniels CB 2007. Purifying selection drives the evolution of surfactant protein C (SP-C) independently of body temperature regulation in mammals. *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics*. 2 PART D (2): 165-176.
- Pramanik A; Stroehner UH; Krejci J; Standish AJ; Bohn E; Paton JC; Autenrieth IB & Braun V 2007. Albomycin is an effective antibiotic, as exemplified with *Yersinia enterocolitica* and *Streptococcus pneumoniae*. *International Journal of Medical Microbiology*. 297 (6): 459-469.
- Rabosky DL; Donnellan SC; Talaba AL & Lovette IJ 2007. Exceptional among-lineage variation in diversification rates during the radiation of Australia's most diverse vertebrate clade. *Proceedings of the Royal Society of London Series B-Biological Sciences*. 274 (1628): 2915-2923.
- Redman LM; Heilbronn LK; Martin CK; Alfonso A; Smith SR; Ravussin E & Team PCALERIE 2007. Effect of calorie restriction with or without exercise on body composition and fat distribution. *Journal of Clinical Endocrinology and Metabolism*. 92 (3): 865-872. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43583>
- Rens W; O'Brien PCM; Grutzner F; Clarke O; Graphodatskaya D; Tsend-Ayush E; Trifonov V; Skelton H; Wallis MC; Johnston S; Veyrunes F; Graves JAM & Ferguson-Smith MA 2007. The multiple sex chromosomes of platypus and echidna are not completely identical and several share homology with the avian Z. *Genome Biology (Online Edition)*. 8 (11): R243:1-R243:21.
- Ridding MC & Rothwell JC 2007. Perspectives - Opinion - Is there a future for therapeutic use of transcranial magnetic stimulation?. *Nature Reviews. Neuroscience (online)*. 8 (7): 559-567.
- Ridding MC & Rothwell JC 2007. Is there a future for therapeutic use of transcranial magnetic stimulation?. *Nature Reviews. Neuroscience*. 8 (7): 559-567.

- Ross JT; McMillen IC; Lok F; Thiel AG; Owens JA & Coulter CL 2007. Intrafetal insulin-like growth factor-I infusion stimulates adrenal growth but not steroidogenesis in the sheep fetus during late gestation. *Endocrinology*. 148 (11): 5424-5432.
- Ruan Y; Schartner EP; Ebendorff-Heidepriem H; Hoffmann P & Monro TM 2007. Detection of quantum-dot labeled proteins using soft glass microstructured optical fibers. *Optics Express*. 15 (26): 17819-17826.
- Rychkov G & Barritt GJ 2007. TRPC1 Ca(2+)-permeable channels in animal cells. *Handbook of Experimental Pharmacology*. (179): 23-52.
- Sale MV; Ridding MC & Nordstrom MA 2007. Factors influencing the magnitude and reproducibility of corticomotor excitability changes induced by paired associative stimulation. *Experimental Brain Research*. 181 (4): 615-626.
- Schabrun SM & Ridding MC 2007. The influence of correlated afferent input on motor cortical representations in humans. *Experimental Brain Research*. 183 (1): 41-49.
- Scheffer IE; Harkin LA; Grinton BE; Dibbens LM; Turner SJ; Zielinski MA; Xu R; Jackson GD; Adams J; Connellan M; Petrou S; Wellard R; Briellmann RS; Wallace RH; Mulley JC & Berkovic SF 2007. Temporal lobe epilepsy and GEFS(+) phenotypes associated with SCN1B mutations. *Brain*. 130 Part 1: 100-109.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/42877>
- Schubert RA; Dodd IB; Egan JB & Shearwin KE 2007. Cro's role in the CI-Cro bistable switch is critical for lambda's transition from lysogeny to lytic development. *Genes & Development*. 21 (19): 2461-2472.
- Semmler JG; Tucker KJ; Allen TJ & Proske U 2007. Eccentric Exercise Increases EMG Amplitude and Force Fluctuations During Submaximal Contractions of Elbow Flexor Muscles. *Journal of Applied Physiology*. 103: 979-989.
- Severi G; Hayes VM; Tesoriero A; Southey MC; Hoang H; Padilla EJD; Morris HA; English DR; Sutherland RL; Boyle P; Hopper JL & Giles GG 2007. The rs743572 common variant in the promoter of CYP17A1 is not associated with prostate cancer risk or circulating hormonal levels. *BJU International*. 101 (4): 492-496.
- Sferruzzi-Perri AN; Owens JA; Standen P; Taylor RL; Heinemann GK; Robinson JS & Roberts CT 2007. Early treatment of the pregnant guinea pig with IGFs promotes placental transport and nutrient partitioning near term. *American Journal of Physiology-Endocrinology and Metabolism*. 292 (3): E668-E676.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/24090>
- Simson L; Ellyard JL; Dent LA; Matthaai KI; Rothenberg ME; Foster PS; Smyth MJ & Parish CR 2007. Regulation of carcinogenesis by IL-5 and CCL11: A potential role for eosinophils in tumor immune surveillance. *Journal of Immunology*. 178 (7): 4222-4229.
- Soldi R; Mandinova A; Venkataraman K; Hla T; Vadas M; Pitson SM; Duarte M; Graziani I; Kolev V; Kacer D; Kirov A; Maciag T & Prudovsky I 2007. Sphingosine kinase 1 is a critical component of the copper-dependent FGF1 export pathway. *Experimental Cell Research*. 313 (15): 3308-3318.
- Sowman P & Turker KS 2007. Mandibular tremor during isometric contractions. *Archives of Oral Biology*. 52 (4): 353-356.
- Sowman P; Ogston KM & Turker KS 2007. Periodontal anaesthetisation decreases rhythmic synchrony between masseteric motor units at the frequency of jaw tremor. *Experimental Brain Research*. 179 (4): 673-682.
- Standish AJ; Stroehler UH & Paton JC 2007. The pneumococcal two-component signal transduction system RR/HK06 regulates CbpA and PspA by two distinct mechanisms. *Journal of Bacteriology*. 189 (15): 5591-5600.
- Stiles MK; Lau DHS; Young GD & Sanders P 2007. Delayed termination of ventricular tachycardia after cardioversion. *Europace*. 9 (9): 730-731.
- Stiles MK; Sanders P; Disney PJS; Brooks AG; John B; Lau DHS; Shashidhar .; Wilson LJ; Mackenzie L & Young GD 2007. Differential effects of intravenous magnesium on atrioventricular node conduction in supraventricular tachycardia. *American Journal of Cardiology*. 100 (8): 1249-1253.
- Stokowski AA; Shi S; Sun T; Bartold PM; Koblar SA & Gronthos S 2007. EphB/ephrin-B interaction mediates adult stem cell attachment, spreading, and migration: Implications for dental tissue repair. *Stem Cells*. 25 (1): 156-164.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/42945>
- Stroehler UH; Kidd RS; Stafford SL; Jennings MP; Paton JC & McEwan AG 2007. A pneumococcal MerR-like regulator and S-nitrosoglutathione reductase are required for systemic virulence. *Journal of Infectious Diseases*. 196 (12): 1820-1826.
- Surinya KH; Forbes BE; Occhiodoro F; Booker GW; Francis GL; Siddle K; Wallace JC & Cosgrove LJ 2007. An investigation of the ligand binding properties and negative cooperativity of soluble insulin-like growth factor receptors. *Journal of Biological Chemistry*. : 1-9. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43296>
- Sutherland K; Young RL; Cooper NJ; Horowitz M & Blackshaw LA 2007. Phenotypic characterization of taste cells of the mouse small intestine. *American Journal of Physiology-Gastrointestinal and Liver Physiology*. 292 (5): G1420-G1428.

- Symonds EL; Tran CD; Butler RN & Omari TI 2007. Gastric Emptying is Altered with the Presence of Gastritis. *Digestive Diseases and Sciences*. online: WWW 1-WWW 6.
- Szarek E; Farrand K; McMillen IC; Young IR; Houghton DC & Schwartz J 2007. Hypothalamic input is required for development of normal numbers of thyrotrophs and gonadotrophs, but not other anterior pituitary cells in late gestation sheep. *Journal of Physiology-London*. 586 (4): 1185-1194.
- Takano Y; Hiramatsu N; Okamura M; Hayakawa K; Shimada T; Kasai A; Yokouchi M; Shitamura A; Yao J; Paton AW; Paton JC & Kitamura M 2007. Suppression of cytokine response by GATA inhibitor K-7174 via unfolded protein response. *Biochemical and Biophysical Research Communications*. 360 (2): 470-475.
- Tan HO; Reid C; Single FN; Davies PJ; Chiu C; Murphy S; Clarke AL; Dibbens LM; Krestel H; Mulley JC; Jones MV; Seeburg PH; Sakmann B; Berkovic SF; Sprengel R & Petrou S 2007. Reduced cortical inhibition in a mouse model of familial childhood absence epilepsy. *Proceedings of the National Academy of Sciences of the United States of America*. 104 (44): 17536-17541.
- Tan J; Dwivedi PP; Anderson PH; Nutchey BK; O'Loughlin PD; Morris HA; May BK; Ferrante A & Hii CST 2007. Antineoplastic agents target the 25-hydroxyvitamin D-3 24-hydroxylase messenger RNA for degradation: implications in anticancer activity. *Molecular Cancer Therapeutics*. 6 (12 Part 1): 3131-3138.
- Tarpey P; Raymond FL; Nguyen LS; Rodriguez J; Hackett A; Vandeleur L; Smith R; Shoubridge CA; Edkins S; Stevens C; O'Meara S; Tofts C; Barthorpe S; Buck G; Cole J; Harrison R; Hills K; Jones D; Mironenko T; Perry J; Varian J; West S; Widaa S; Teague J; Dicks E; Butler A; Menzies A; Richardson DJ; Jenkinson A; Shepherd R; Raine K; Moon J; Luo Y; Parnau J; Bhat S; Gardner AE; Corbett M; Brooks DA; Thomas PQ; Parkinson-Lawrence EJ; Porteous ME; Warner JP; Sanderson T; Pearson P; Simensin RJ; Skinner C; Hoganson G; Supereau D; Wooster R; Bobrow M; Turner G; Stevenson RE; Schwartz CE; Futreal PA; Srivastava AK; Stratton MR & Gecz J 2007. Mutations in UPF3B, a member of the nonsense-mediated mRNA decay complex, cause syndromic and nonsyndromic mental retardation. *Nature Genetics*. 39 (9): 1127-1133.
- Tarpey P; Raymond FL; O'Meara S; Edkins S; Teague J; Butler A; Dicks E; Stevens C; Tofts C; Avis T; Barthorpe S; Buck G; Cole J; Gray K; Halliday K; Harrison R; Hills K; Jenkinson A; Jones D; Menzies A; Mironenko T; Perry J; Raine K; Richardson DJ; Shepherd R; Small A; Varian J; West S; Widaa S; Mallya U; Moon J; Luo Y; Holder S; Smithson SF; Hurst J; Clayton-Smith J; Kerr BA; Boyle J; Shaw MA; Vandeleur L; Rodriguez J; Slauch R; Easton D; Wooster R; Bobrow M; Srivastava AK; Stevenson RE; Schwartz CE; Turner G; Gecz J; Futreal PA; Stratton MR & Partington MW 2007. Mutations in CUL4B, which encodes a ubiquitin E3 ligase subunit, cause an X-linked mental retardation syndrome associated with aggressive outbursts, seizures, relative macrocephaly, central obesity, hypogonadism, pes cavus, and tremor. *American Journal of Human Genetics*. 80 (2): 345-352.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/43017>
- Taylor IJ; Hodgson BL; Scheffer IE; Mulley JC; Berkovic SF & Dibbens LM 2007. Is photosensitive epilepsy less common in males due to variation in X chromosome photopigment genes?. *Epilepsia*. 48 (9): 1807-1809.
- Thomas N; Tivey DR; Penno NM; Natrass GS & Hynd PI 2007. Characterization of transport systems for cysteine, lysine, alanine, and leucine in wool follicles of sheep. *Journal of Animal Science*. 85 (9): 2205-2213.
- Thomas PM & Fenech MF 2007. A review of genome mutation and Alzheimer's disease. *Mutagenesis*. 22 (1): 15-33.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/42878>
- Thomas PQ; Hecker J; Faunt J & Fenech MF 2007. Buccal micronucleus cytome biomarkers may be associated with Alzheimer's disease. *Mutagenesis*. 22 (6): 371-379.
- Thomson R; Brinkworth GD; Buckley JD; Noakes M & Clifton PM 2007. Good agreement between bioelectrical impedance and dual-energy X-ray absorptiometry for estimating changes in body composition during weight loss in overweight young women. *Clinical Nutrition*. 26 (6): 771-777.
- Todd G; Taylor JL; Butler JE; Martin PG; Gorman RB & Gandevia SC 2007. Use of motor cortex stimulation to measure simultaneously the changes in dynamic muscle properties and voluntary activation in human muscles. *Journal of Applied Physiology*. 102 (5): 1756-1766. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44827>
- Toden S; Bird AR; Topping DL & Conlon M 2007. Differential effects of dietary whey, casein and soya on colonic DNA damage and large bowel SCFA in rats fed diets low and high in resistant starch. *British Journal of Nutrition*. 97 (3): 535-543.
- Toden S; Bird AR; Topping DL & Conlon M 2007. Dose-dependent reduction of dietary protein-induced colonocyte DNA damage by resistant starch in rats correlates more highly with caecal butyrate than with other short chain fatty acids. *Cancer Biology & Therapy*. 6 (2): 253-258.
- Tran CD; Ball J; Sundar S; Coyle P & Howarth GS 2007. The Role of Zinc and Metallothionein in the Dextran Sulfate Sodium-Induced Colitis Mouse Model. *Digestive Diseases and Sciences*. 52 (9): 2113-2121.

- Tu LN; Jeong H; Kwon H; Ogunniyi AD; Paton JC; Pyo S & Rhee D 2007. Modulation of adherence, invasion, and tumor necrosis factor alpha secretion during the early stages of infection by *Streptococcus pneumoniae* ClpL. *Infection and Immunity*. 75 (6): 2996-3005.
- Tucker B & Lardelli MT 2007. A rapid apoptosis assay measuring relative acridine orange fluorescence in zebrafish embryos. *Zebrafish*. 4 (2): 113-116.
- Tucker KJ & Turker KS 2007. Triceps surae stretch and voluntary contraction alters maximal M-wave magnitude. *Journal of Electromyography and Kinesiology*. 17 (2): 203-211.
- Tumes DJ; Cormie J; Calvert MG; Stewart KJ; Nassenstein C; Braun A; Foster PS & Dent LA 2007. Strain-dependent resistance to allergen-induced lung pathophysiology in mice correlates with rate of apoptosis of lung-derived eosinophils. *Journal of Leukocyte Biology*. 81 (6): 1362-1373.
- Tuncer M; Tucker KJ & Turker KS 2007. Influence of tooth clench on the soleus H-reflex. *Archives of Oral Biology*. 52 (4): 374-376.
- Turker KS 2007. Exteroceptive suppression of the jaw closing muscle electromyogram: Methodological issues applicable to all human reflex studies. *Clinical Neurophysiology*. 118 (5): 951-953.
<http://digital.library.adelaide.edu.au/dspace/handle/2440/37239>
- Turker KS; Schmied A; Rossi A; Mazzocchio R; Sowman P & Vedel JP 2007. Is the human masticatory system devoid of recurrent inhibition?. *Experimental Brain Research*. 179 (1): 131-144.
- Turker KS; Sowman P; Tuncer M; Tucker KJ & Brinkworth RSA 2007. The role of periodontal mechanoreceptors in mastication. *Archives of Oral Biology*. 52 (4): 361-364.
- Turner AG; Dwivedi PP; May BK & Morris HA 2007. Regulation of the CYP27B1 5' flanking region by transforming growth factor-beta in ROS 17/2.8 osteoblast-like cells. *Journal of Steroid Biochemistry and Molecular Biology*. 103 (3-5 Sp Iss): 322-325.
- Vakulin A; Baulk SD; Catcheside P; Anderson RK; van den Heuvel CJ; Banks S & McEvoy RD 2007. Effects of moderate sleep deprivation and low-dose alcohol on driving simulator performance and perception in young men. *Sleep*. 30 (10): 1327-1333.
- Vidovic M; Nighorn A; Koblar SA & Maleszka R 2007. Eph receptor and ephrin signaling in developing and adult brain of the honeybee (*Apis mellifera*). *Developmental Neurobiology*. 67 (2): 233-251.
- Wagner J & Thomas PQ 2007. Genetic determinants of mammalian pituitary morphogenesis. *Frontiers in Bioscience*. 12: 125-134. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42971>
- Wagner J; Lepore D & Thomas PQ 2007. Differentiation of mouse embryonic stem cells into growth hormone and prolactin expressing cells in vitro. *Molecular and Cellular Endocrinology*. 273 (1-2): 68-74.
- Wallis MC; Delbridge ML; Pask A; Alsop AE; Grutzner F; O'Brien PCM; Rens W; Ferguson-Smith MA & Graves JAM 2007. Mapping platypus SOX genes; autosomal location of SOX9 excludes it from sex determining role. *Cytogenetic and Genome Research*. 116 (3): 232-234.
- Wallis MC; Waters PD; Delbridge ML; Kirby PJ; Pask A; Grutzner F; Rens W; Ferguson-Smith MA & Graves JAM 2007. Sex determination in platypus and echidna: autosomal location of SOX3 confirms the absence of SRY from monotremes. *Chromosome Research*. 15 (8): 949-959. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43115>
- Wang H; Paton JC & Paton AW 2007. Pathologic changes in mice induced by subtilase cytotoxin, a potent new *Escherichia coli* AB5 toxin that targets the endoplasmic reticulum. *Journal of Infectious Diseases*. 196 (7): 1093-1101.
- Warrilow D; Meredith L; Davis A; Burrell CJ; Li P & Harrich D 2007. Cell factors stimulate human immunodeficiency virus Type 1 reverse transcription in vitro. *Journal of Virology*. 82 (3): 1425-1437.
- Wati S; Li P; Burrell CJ & Carr JM 2007. Dengue virus (DV) replication in monocyte-derived macrophages is not affected by tumor necrosis factor alpha (TNF-alpha), and DV infection induces altered responsiveness to TNF-alpha stimulation. *Journal of Virology*. 81 (18): 10161-10171.
- White D; Saunders VA; Grigg A; Arthur C; Filshie R; Leahy MF; Lynch KP; To LB & Hughes TP 2007. Measurement of in vivo BCR-ABL kinase inhibition to monitor imatinib-induced target blockade and predict response in chronic myeloid leukemia. *Journal of Clinical Oncology*. 25 (28): 4445-4451.
- Williams C; Rezgui D; Prince SN; Zaccheo OJ; Foulstone EJ; Forbes BE; Norton RS; Crosby JB; Hassan AB & Crump MP 2007. Structural insights into the interaction of insulin-like growth factor 2 with IGF2R domain 11. *Structure*. 15 (9): 1065-1078.
- Wilson DPM & Blower S 2007. How far will we need to go to reach HIV-infected people in rural South Africa?. *BMC Medicine*. 5 (16): www1-www5. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44837>

- Wilson DPM; Mattapallil JJ; Lay MDH; Zhang L; Roederer M & Davenport MP 2007. Estimating the infectivity of CCR5-tropic simian immunodeficiency virus SIVmac251 in the gut. *Journal of Virology*. 81 (15): 8025-8029. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44836>
- Winkler JG; Butler RN & Symonds EL 2007. Fructo-oligosaccharide reduces inflammation in a dextran sodium sulphate mouse model of colitis. *Digestive Diseases and Sciences*. 52 (1): 52-58. <http://digital.library.adelaide.edu.au/dspace/handle/2440/34726>
- Winter C; Taut K; Langer F; Mack M; Briles DE; Paton JC; Maus R; Srivastava M; Welte T & Maus UA 2007. FMS-Like tyrosine kinase 3 ligand aggravates the lung inflammatory response to *Streptococcus pneumoniae* infection in mice: Role of dendritic cells. *Journal of Immunology*. 179 (5): 3099-3108.
- Winter C; Taut K; Srivastava M; Langer F; Mack M; Briles DE; Paton JC; Maus R; Welte T; Gunn MD & Maus UA 2007. Lung-specific overexpression of CC chemokine ligand (CCL) 2 enhances the host Defense to *Streptococcus pneumoniae* infection in mice: Role of the CCL2-CCR2 axis. *Journal of Immunology*. 178 (9): 5828-5838.
- Wong J; Farlie PG; Holbert S; Lockhart P & Thomas PQ 2007. Polyalanine expansion mutations in the X-linked hypopituitarism gene SOX3 result in aggresome formation and impaired transactivation. *Frontiers in Bioscience*. 12: 2085-2095. <http://digital.library.adelaide.edu.au/dspace/handle/2440/42972>
- Wyatt L; Wadham C; Crocker LA; Lardelli MT & Khew-Goodall Y 2007. The protein tyrosine phosphatase Pez regulates TGF, epithelial-mesenchymal transition, and organ development. *Journal of Cell Biology*. 178 (7): 1223-1235.
- Xian C; Cool JC; Scherer MA; Macsai CE; Fan C; Covino M & Foster BK 2007. Cellular mechanisms for methotrexate chemotherapy-induced bone growth defects. *Bone*. 41 (5): 842-850.
- Xian C; Cool JC; Van Gangelen J; Foster BK & Howarth GS 2007. Effects of etoposide and cyclophosphamide acute chemotherapy on growth plate and metaphyseal bone in rats. *Cancer Biology & Therapy*. 6 (2): 170-177.
- Xu C; Yamamoto T; Zhou T; Aldrich CE; Frank K; Cullen JM; Jilbert AR & Mason WS 2007. The liver of woodchucks chronically infected with the woodchuck hepatitis virus contains foci of virus core antigen-negative hepatocytes with both altered and normal morphology. *Virology*. 359 (2): 283-294.
- Xu R; Thomas EA; Gazina EV; Richards KL; Quick M; Wallace RH; Harkin LA; Heron SE; Berkovic SF; Scheffer IE; Mulley JC & Petrou S 2007. Generalized epilepsy with febrile seizures plus-associated sodium channel beta 1 subunit mutations severely reduce beta subunit-mediated modulation of sodium channel function. *Neuroscience*. 148 (1): 164-174.
- Xu R; Thomas EA; Jenkins M; Gazina EV; Chiu C; Heron SE; Mulley JC; Scheffer IE; Berkovic SF & Petrou S 2007. A childhood epilepsy mutation reveals a role for developmentally regulated splicing of a sodium channel. *Molecular and Cellular Neuroscience*. 35 (2): 292-301.
- Young RL; Page AJ; O'Donnell TA; Cooper NJ & Blackshaw LA 2007. Peripheral versus central modulation of gastric vagal pathways by metabotropic glutamate receptor 5. *American Journal of Physiology-Gastrointestinal and Liver Physiology*. 292: G501-G511. <http://digital.library.adelaide.edu.au/dspace/handle/2440/22722>
- Zhang Q; Bagrade L; Bernatoniene J; Clarke E; Paton JC; Mitchell TJ; Nunez DA & Finn A 2007. Low CD4 T cell immunity to pneumolysin is associated with nasopharyngeal carriage of pneumococci in children. *Journal of Infectious Diseases*. 195 (8): 1194-1202.
- Zhang Z; Jin B & Kelly JM 2007. Production of lactic acid and byproducts from waste potato starch by *Rhizopus arrhizus*: role of nitrogen sources. *World Journal of Microbiology & Biotechnology*. 23 (2): 229-236. <http://digital.library.adelaide.edu.au/dspace/handle/2440/24045>
- Zhang Z; Jin B & Kelly JM 2007. Production of lactic acid from renewable materials by *Rhizopus* fungi. *Biochemical Engineering Journal*. 35 (3): 251-263.
- Zhang Z; Jin B & Kelly JM 2007. Effects of cultivation parameters on the morphology of *Rhizopus arrhizus* and the lactic acid production in a bubble column reactor. *Engineering in Life Sciences*. 7 (5): 490-496.
- Zoghi M & Nordstrom MA 2007. Progressive suppression of intracortical inhibition during graded isometric contraction of a hand muscle is not influenced by hand preference. *Experimental Brain Research*. 177 (2): 266-274. <http://digital.library.adelaide.edu.au/dspace/handle/2440/24062>

Conference Publication Paper

- Brinkworth RSA & O'Carroll DC 2007. Biomimetic motion detection. *Intelligent Sensors, Sensor Networks & Information, - (eds)*, 137-142. Melbourne, Australia. <http://digital.library.adelaide.edu.au/dspace/handle/2440/46015>
- Brinkworth RSA; Mah EL & O'Carroll DC 2007. Bioinspired pixel-wise adaptive imaging. *Smart Structures, Devices, and Systems III*, Said F Al-Sarawi (eds), 1-8. Adelaide.
- O'Carroll DC; Shoemaker PA & Brinkworth RSA 2007. Bioinspired optical rotation sensor. *Smart Structures, Devices, and Systems III*, Said F. Al-Sarawi (eds), 309-320. Adelaide.

- Rajesh S; Rainsford TJ; Brinkworth RSA; Abbott DZ & O'Carroll DC 2007. Implementation of saturation for modelling pattern noise using naturalistic stimuli. *Smart Materials, Nano- and Micro-Smart Systems*, Said F Al-Sarawi (eds), 1-15. Adelaide, Australia. <http://digital.library.adelaide.edu.au/dspace/handle/2440/43368>
- Schartner EP; Ruan Y; Hoffmann P & Monro TM 2007. An optical fibre protein sensor. *COIN ACOFT*, - (eds), 1-4. Melbourne. <http://digital.library.adelaide.edu.au/dspace/handle/2440/44650>
- Scheffer IE; Dibbens LM; Berkovic SF & Mulley JC 2007. What is the role of genetics in epilepsy?. *The Sixth Epilepsy Research Foundation workshop*, Sanjay Sisodiya (eds), 196-197. Oxford UK.
- Victory KJ; Lewis DM; Thomas CJ & King KD 2007. Isolation and analysis of pharmacologically-active compounds of *Microcystis flos-aquae*. *CHEMECA 2007*, Martin Rhodes (eds), 79-85. Melbourne, Australia.
- Wiederman S; Shoemaker PA & O'Carroll DC 2007. Biological inspired small target detection mechanisms. *ISSNIP 2007 Third International Conference*, M. Palaniswami (eds), 269-274. Melbourne. <http://digital.library.adelaide.edu.au/dspace/handle/2440/46016>