

Research Publications 2006

Research Branch

Faculty of Sciences

Petroleum Science

Journal Articles

- Bailey WR; Undershultz J; Dewhurst DN; Kovack GE; Mildren SD & Raven MD 2006. Multi-disciplinary approach to fault and top seal appraisal; Pyrenees-Macedon oil and gas fields, Exmouth Sub-basin, Australian Northwest Shelf. *Marine and Petroleum Geology*. 23 (2): 241-259. <http://digital.library.adelaide.edu.au/dspace/handle/2440/22698>
- Gibson-Poole CM; Svendsen L; Underschultz J; Watson MN; Ennis-King J; Van Ruth PJ; Nelson EJ; Daniel RF & Cinar Y 2006. Gippsland Basin geosequestration: A potential solution for the Latrobe Valley brown coal CO₂ emissions. *APPEA Journal*. 46 (1): 413-433. <http://digital.library.adelaide.edu.au/dspace/handle/2440/35620>
- Kovalevych VM; Zang W; Peryt TM; Khmelevska OV; Halas S; Iwasinska-Budzyk I; Boulton P & Heithersay P 2006. Deposition and chemical composition of Early Cambrian salt in the eastern Officer Basin, South Australia. *Australian Journal of Earth Sciences*. 53 (4): 577-593. <http://digital.library.adelaide.edu.au/dspace/handle/2440/22702>
- Nelson EJ; Hillis RR & Mildren SD 2006. Stress partitioning and wellbore failure in the West Tuna area, Gippsland Basin. *Exploration Geophysics*. 37 (3): 215-221. <http://digital.library.adelaide.edu.au/dspace/handle/2440/35623>
- Nelson EJ; Hillis RR; Sandiford MA; Reynolds SD & Mildren SD 2006. Present-day state-of-stress of southeast Australia. *APPEA Journal*. 46: 283-305. <http://digital.library.adelaide.edu.au/dspace/handle/2440/35622>
- Reynolds SD; Mildren SD; Hillis RR & Meyer JJ 2006. Constraining stress magnitudes using petroleum exploration data in the Cooper-Eromanga Basins, Australia. *Tectonophysics*. 415 (1-4): 123-140. <http://digital.library.adelaide.edu.au/dspace/handle/2440/22700>
- Van Ruth PJ; Nelson EJ & Hillis RR 2006. Fault reactivation potential during CO₂ injection in the Gippsland Basin, Australia. *Exploration Geophysics*. 37: 50-59. <http://digital.library.adelaide.edu.au/dspace/handle/2440/35621>

Conference Publications

- Llanos Rodriguez EM; Jeffrey RG; Hillis RR & Zhang Y 2006. Study of the interaction between hydraulic fractures and geological discontinuities. *ISRM International Symposium 2006*, CF Leung, YX Zhou (eds), 1-8. Meritus Mandarin Singapore. <http://digital.library.adelaide.edu.au/dspace/handle/2440/35624>

School of Agriculture, Food and Wine

Journal Articles

- Able JA & Langridge P 2006. Wild sex in the grasses. *Trends in Plant Science*. 11 (6): 261-263. <http://digital.library.adelaide.edu.au/dspace/handle/2440/23905>
- Akbari M; Wenzl P; Craig V; Carling J; Xia L; Yang S; Uszynski G; Mohler V; Lehmensiek A; Kuchel H; Hayden MJ; Howes N; Sharp PJ; Vaughan P; Rathmell B; Huttner E & Kilian A 2006. Diversity arrays technology (DArT) for high-throughput profiling of the hexaploid wheat genome. *Theoretical and Applied Genetics*. 113 (8): 1409-1420. <http://digital.library.adelaide.edu.au/dspace/handle/2440/23961>
- Asenstorfer RE & Mares DJ 2006. 4,4'-Dihydroxy-3,3',5,5'-tetramethoxyazodioxibenzene: an unexpected dimer formed during hydroxylamine extractions of wheat flour. *Tetrahedron*. 62 (39): 9289-9293. <http://digital.library.adelaide.edu.au/dspace/handle/2440/23926>
- Asenstorfer RE; Lee DF & Jones GP 2006. Influence of structure on the ionisation constants of anthocyanin and anthocyanin-like wine pigments. *Analytica Chimica Acta*. 563 (1-2): 10-14. <http://digital.library.adelaide.edu.au/dspace/handle/2440/23872>
- Asenstorfer RE; Wang Y & Mares DJ 2006. Chemical structure of flavonoid compounds in wheat (*Triticum aestivum* L.) flour that contribute to the yellow colour of Asian alkaline noodles. *Journal of Cereal Science*. 43: 108-119. <http://digital.library.adelaide.edu.au/dspace/handle/2440/23953>

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 - Beever JE; Smit MA; Meyers SN; Hadfield TS; Bottema CDK; Albretsen J & Cockett NE 2006. A single-base change in the tyrosine kinase II domain of ovine FGFR3 causes hereditary chondrodysplasia in sheep. *Animal Genetics*. 37 (1): 66-71. <http://digital.library.adelaide.edu.au/dspace/handle/2440/23830>
 - Bester mC; Pretorius IS & Bauer FF 2006. The regulation of *Saccaromyces cerevisiae* FLO gene expression and Ca²⁺-dependent flocculation by Flo8p and Mss11p. *Current Genetics*. 49: 375-383. <http://digital.library.adelaide.edu.au/dspace/handle/2440/35509>
 - Brown RC; Sefton MA; Taylor DK & Elsey GM 2006. An odour detection threshold determination of all four possible stereoisomers of oak lactone in a white and a red wine. *Australian Journal of Grape and Wine Research*. 12 (2): 115-118. <http://digital.library.adelaide.edu.au/dspace/handle/2440/23906>
 - Burton RA; Wilson SM; Hrmova M; Harvey AJ; Shirley NJ; Medhurst AE; Stone BA; Newbigin EJ; Bacic A & Fincher GB 2006. Cellulose synthase-like CslF genes mediate the synthesis of cell wall (1,3;1,4)-beta-D-glucans. *Science*. 311 (5769): 1940-1942. <http://digital.library.adelaide.edu.au/dspace/handle/2440/23834>
 - Caldwell KS; Russell J; Langridge P & Powell W 2006. Extreme population-dependent linkage disequilibrium detected in an inbreeding plant species, *Hordeum vulgare*. *Genetics*. 172 (1): 557-567. <http://digital.library.adelaide.edu.au/dspace/handle/2440/23840>
 - Carne VL; Keller MA & Baker GH 2006. Soil moisture and soil type influence the breeding behavior of the pest snail *Cerutuella virgata* (da Costa). *Applied Soil Ecology*. 33 (3): 235-242. <http://digital.library.adelaide.edu.au/dspace/handle/2440/23923>
 - Chauhan BS; Gill GS & Preston C 2006. Factors affecting seed germination of threehorn bedstraw (*Galium tricornutum*) in Australia. *Weed Science*. 54 (3): 471-477. <http://digital.library.adelaide.edu.au/dspace/handle/2440/23889>
 - Chauhan BS; Gill GS & Preston C 2006. Influence of tillage systems on vertical distribution, seedling recruitment and persistence of rigid ryegrass (*Lolium rigidum*) seed bank. *Weed Science*. 54 (4): 669-676. <http://digital.library.adelaide.edu.au/dspace/handle/2440/23909>
 - Chauhan BS; Gill GS & Preston C 2006. Seedling recruitment pattern and depth of recruitment of 10 weed species in minimum tillage and no-till seeding systems. *Weed Science*. 54 (4): 658-668. <http://digital.library.adelaide.edu.au/dspace/handle/2440/23914>
 - Chauhan BS; Gill GS & Preston C 2006. African mustard (*Brassica tournefortii*) germination in southern Australia. *Weed Science*. 54 (5): 891-897. <http://digital.library.adelaide.edu.au/dspace/handle/2440/23929>
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 - Chauhan BS; Gill GS & Preston C 2006. Influence of environmental factors on seed germination and seedling emergence of rigid ryegrass (*Lolium rigidum*). *Weed Science*. 54 (6): 1004-1012. <http://digital.library.adelaide.edu.au/dspace/handle/2440/35479>
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