

2013 Refereed Science Publications

Peer reviewed journal articles and conference proceedings papers from Scion.

- Afshar Ghotli, R., Abdul Aziz, A. R., Ibrahim, S., Baroutian, S., & Arami-Niya, A. (2013). Study of various curved-blade impeller geometries on power consumption in stirred vessel using response surface methodology. *Journal of the Taiwan Institute of Chemical Engineers*, 44(2), 192-201. <http://www.scopus.com/inward/record.url?eid=2-s2.0-84873707127&partnerID=40&md5=66c5d95d187eda9fda0b640878793430>
- Afshar Ghotli, R., Raman, A. A. A., Ibrahim, S., & Baroutian, S. (2013). Liquid-liquid mixing in stirred vessels: A review. *Chemical Engineering Communications*, 200(5), 595-627. <http://www.scopus.com/inward/record.url?eid=2-s2.0-84873282194&partnerID=40&md5=a449750c61422473438b131b87ecca89>
- Auty, D., Gardiner, B. A., Achim, A., Moore, J. R., & Cameron, A. D. (2013). Models for predicting microfibril angle variation in Scots pine. *Annals of Forest Science*, 70(2), 209-218. <http://www.scopus.com/inward/record.url?eid=2-s2.0-84878505891&partnerID=40&md5=648ef2f74932c0ff9a5c591925e17a70>
- Avila, G. A., Berndt, L. A., & Holwell, G. I. (2013). Dispersal behavior of the parasitic wasp *Cotesia urabae* (Hymenoptera: Braconidae): A recently introduced biocontrol agent for the control of *Uraba lugens* (Lepidoptera: Nolidae) in New Zealand. *Biological Control*, 66(3), 166-172. <http://www.scopus.com/inward/record.url?eid=2-s2.0-84880355788&partnerID=40&md5=71a23b650d8947ffced621883877729d>
- Avila, G. A., Berndt, L. A., & Holwell, G. I. (2013). First releases and monitoring of the biological control agent *Cotesia urabae* Austin and Allen (Hymenoptera: Braconidae). *New Zealand Entomologist*, 36(2), 65-72. <http://www.scopus.com/inward/record.url?eid=2-s2.0-84879167506&partnerID=40&md5=ee794716bde0dde50ad596b8270c3284>
- Bader, M. K. F., Leuzinger, S., Keel, S. G., Siegwolf, R. T. W., Hagedorn, F., Schleppi, P., & Körner, C. (2013). Central European hardwood trees in a high-CO₂ future: Synthesis of an 8-year forest canopy CO₂ enrichment project. *Journal of Ecology*, 101(6), 1509-1519. <http://www.scopus.com/inward/record.url?eid=2-s2.0-84885842105&partnerID=40&md5=3d9c3c90b49383d3b94f3301979e914d>
- Baillie, B. R., Hicks, B. J., van den Heuvel, M. R., Kimberley, M. O., & Hogg, I. D. (2013). The effects of wood on stream habitat and native fish assemblages in New Zealand. *Ecology of Freshwater Fish*, 22(4), 553-566. <http://www.scopus.com/inward/record.url?eid=2-s2.0-84883814753&partnerID=40&md5=162e30f79ff7d7ae8f9bcd9e5be5da65>
- Ball, R. D. (2013). Designing a GWAS: Power, sample size, and data structure. In C. Gondro, J. Werf & B. Hayes (Eds.), *Genome-wide association studies and genomic prediction* (Vol. 1019, pp. 37-98): Springer.
- Ball, R. D. (2013). Statistical analysis of genomic data. In C. Gondro, J. Werf & B. Hayes (Eds.), *Genome-wide association studies and genomic prediction* (Vol. 1019, pp. 171-192): Springer.
- Barbaro, L., Giffard, B., Charbonnier, Y., van Halder, I., & Brockerhoff, E. G. (2013). Bird functional diversity enhances insectivory at forest edges: A transcontinental experiment. *Diversity and Distributions*. <http://dx.doi.org/10.1111/ddi.12132>
- Barnagaud, J.-Y., Barbaro, L., Papaix, J., Deconchat, M., & Brockerhoff, E. G. (2013). Habitat filtering by landscape and local forest composition in native and exotic New Zealand birds. *Ecology*. <http://dx.doi.org/10.1890/13-0791.1>
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- Baroutian, S., Eshtiaghi, N., & Gapes, D. J. (2013). Rheology of a primary and secondary sewage sludge mixture: Dependency on temperature and solid concentration. *Bioresour. Technol.*, 140, 227-233. <http://www.sciencedirect.com/science/article/pii/S0960852413007384>

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- Behr, V. C., Schmid, M. W., Franich, R. A., & Meder, R. (2013). An advanced, integrated large-volume high-pressure autoclave and ¹H/¹³C double-tuned resonator for chemistry and materials nuclear magnetic resonance spectroscopy and microscopy investigations. *Concepts in Magnetic Resonance Part B: Magnetic Resonance Engineering*, 43(2), 49-58. <http://www.scopus.com/inward/record.url?eid=2-s2.0-84876960094&partnerID=40&md5=b7104f34f57c88caf729179cb0ba1d>
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