

2017 Refereed Science Publications

Peer reviewed journal articles and conference proceedings papers from Scion - January to December 2017.

Alizadeh, H., Kandula, D. R. W., Hampton, J. G., Stewart, A., Leung, D. W. M., Edwards, Y., & Smith, C. (2017). Urease producing microorganisms under dairy pasture management in soils across New Zealand. *Geoderma Regional*, 11, 78-85. doi:10.1016/j.geodrs.2017.10.003

Arakelyan, I., Moran, D., & Wreford, A. (2017). Climate smart agriculture: A critical review *Making Climate Compatible Development Happen* (pp. 66-86).

Barrios, A., Trincado, G., & Watt, M. S. (2017). Wood properties of juvenile and mature wood of *Pinus radiata* D. Don trees growing on contrasting sites in Chile. *Forest Science*, 63(2), 184-191. doi:10.5849/forsci.2016-060

Bayne, K., Moore, J., & Fielke, S. (2016). Structural and relational support for innovation-formal versus informal knowledge exchange mechanisms in forest-sector learning. *Forestry Chronicle*, 92(4), 432-440. doi:10.5558/tfc2016-078

Boitt, G., Black, A., Wakelin, S. A., McDowell, R. W., & Condrón, L. M. (2017). Impacts of long-term plant biomass management on soil phosphorus under temperate grassland. *Plant and Soil*, 1-12. doi:10.1007/s11104-017-3429-0

Braithwaite, M., Johnston, P. R., Ball, S. L., Nourozi, F., Hay, A. J., Shoukouhi, P., . . . Bissett, J. (2017). Trichoderma down under: species diversity and occurrence of Trichoderma in New Zealand. *Australasian Plant Pathology*, 46(1), 11-30. doi:10.1007/s13313-016-0457-9

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Cappa, E. P., El-Kassaby, Y. A., Muñoz, F., Garcia, M. N., Villalba, P. V., Klápště, J., & Marcucci Poltri, S. N. (2017). Improving accuracy of breeding values by incorporating genomic information in spatial-competition mixed models. *Molecular Breeding*, 37(10). doi:10.1007/s11032-017-0725-6

Carere, C. R., Hards, K., Houghton, K. M., Power, J. F., McDonald, B., Collet, C., . . . Stott, M. B. (2017). Mixotrophy drives niche expansion of verrucomicrobial methanotrophs. *ISME Journal*, 11(11), 2599-2610. doi:10.1038/ismej.2017.112

Challis, K. J. (2016). Numerical study of the tight-binding approach to overdamped Brownian motion on a tilted periodic potential. *Physical Review E - Statistical, Nonlinear, and Soft Matter Physics*, 94(6). doi:10.1103/PhysRevE.94.062123

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