Glen Riethmuller

List of Publications by Year
in descending order

19 papers	769 citations	687220 13 h-index	794469 19 g-index
19 all docs	19 docs citations	19 times ranked	1226 citing authors

#	Article	IF	Citations
1	Novel reference transcriptomes for the sponges Carteriospongia foliascens and Cliona orientalis and associated algal symbiont Gerakladium endoclionum. Coral Reefs, 2021, 40, 9-13.	0.9	3
2	Describing and mapping diversity and accessibility of the urban food environment with open data and tools. Applied Geography, 2020, 125, 102352.	1.7	7
3	Rotating and stacking genes can improve crop resistance durability while potentially selecting highly virulent pathogen strains. Scientific Reports, 2020, 10, 19752.	1.6	13
4	Weed Seed Wizard: A tool that demonstrates the value of integrated weed management tactics such as harvest weed seed destruction. Computers and Electronics in Agriculture, 2018, 147, 27-33.	3.7	5
5	How do spatial heterogeneity and dispersal in weed population models affect predictions of herbicide resistance evolution?. Ecological Modelling, 2017, 362, 37-53.	1.2	20
6	Growth and carbon sequestration by remnant Eucalyptus camaldulensis woodlands in semi-arid Australia during La Niña conditions. Agricultural and Forest Meteorology, 2017, 232, 704-710.	1.9	11
7	Modelling crop-weed competition: Why, what, how and what lies ahead?. Crop Protection, 2017, 95, 101-108.	1.0	42
8	Sesquiterpene Variation in West Australian Sandalwood (Santalum spicatum). Molecules, 2017, 22, 940.	1.7	14
9	Vegetation patterns and hydro‐geological drivers of freshwater rock pool communities in the monsoon‐tropical Kimberley region, Western Australia. Journal of Vegetation Science, 2015, 26, 1184-1197.	1.1	10
10	The ecophysiology of seed persistence: a mechanistic view of the journey to germination or demise. Biological Reviews, 2015, 90, 31-59.	4.7	350
11	Herbicide resistance modelling: past, present and future. Pest Management Science, 2014, 70, 1394-1404.	1.7	63
12	Orientation and speed of wind gusts causing abscission of wind‐dispersed seeds influences dispersal distance. Functional Ecology, 2014, 28, 973-981.	1.7	22
13	Shifting focus from the population to the individual as a way forward in understanding, predicting and managing the complexities of evolution of resistance to pesticides. Pest Management Science, 2013, 69, 171-175.	1.7	27
14	Habitat restoration will help some functional plant types persist under climate change in fragmented landscapes. Global Change Biology, 2012, 18, 2057-2070.	4.2	37
15	Using log‐log scaling slope analysis for determining the contributions to variability in biological variables such as leaf mass per area: why it works, when it works and how it can be extended. New Phytologist, 2011, 190, 5-8.	3.5	21
16	Does cutting herbicide rates threaten the sustainability of weed management in cropping systems?. Journal of Theoretical Biology, 2011, 283, 14-27.	0.8	56
17	Modelling seagrass growth and development to evaluate transplanting strategies for restoration. Annals of Botany, 2011, 108, 1213-1223.	1.4	20
18	How much detail and accuracy is required in plant growth sub-models to address questions about optimal management strategies in agricultural systems?. AoB PLANTS, 2011, 2011, plr006.	1.2	16

#	Article	IF	Citations
19	The Land Use Sequence Optimiser (LUSO): A theoretical framework for analysing crop sequences in response to nitrogen, disease and weed populations. Crop and Pasture Science, 2010, 61, 835.	0.7	32