Tom Vogwill

List of Publications by Year
in descending order

12 papers	1,298 citations	759055 12 h-index	1199470 12 g-index
12 all docs	12 docs citations	12 times ranked	2247 citing authors

#	Article	IF	Citations
1	Antagonistic coevolution accelerates molecular evolution. Nature, 2010, 464, 275-278.	13.7	492
2	The genetic basis of the fitness costs of antimicrobial resistance: a metaâ€analysis approach. Evolutionary Applications, 2015, 8, 284-295.	1.5	306
3	Epistasis between antibiotic resistance mutations and genetic background shape the fitness effect of resistance across species ofPseudomonas. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160151.	1.2	79
4	Herbicide mixtures at high doses slow the evolution of resistance in experimentally evolving populations of <scp>C</scp>hlamydomonas reinhardtii. New Phytologist, 2013, 198, 938-945.	3.5	69
5	Limits to compensatory adaptation and the persistence of antibiotic resistance in pathogenic bacteria. Evolution, Medicine and Public Health, 2015, 2015, 4-12.	1.1	65
6	Testing the Role of Genetic Background in Parallel Evolution Using the Comparative Experimental Evolution of Antibiotic Resistance. Molecular Biology and Evolution, 2014, 31, 3314-3323.	3.5	54
7	Persistence and resistance as complementary bacterial adaptations to antibiotics. Journal of Evolutionary Biology, 2016, 29, 1223-1233.	0.8	53
8	Divergent evolution peaks under intermediate population bottlenecks during bacterial experimental evolution. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160749.	1.2	51
9	Dispersal and natural enemies interact to drive spatial synchrony and decrease stability in patchy populations. Ecology Letters, 2009, 12, 1194-1200.	3.0	41
10	Identifying and exploiting genes that potentiate the evolution of antibiotic resistance. Nature Ecology and Evolution, 2018, 2, 1033-1039.	3.4	41
11	Source Populations Act as Coevolutionary Pacemakers in Experimental Selection Mosaics Containing Hotspots and Coldspots. American Naturalist, 2009, 173, E171-E176.	1.0	30
12	Coevolving parasites enhance the diversity-decreasing effect of dispersal. Biology Letters, 2011, 7, 578-580.	1.0	17