Eyal Privman

List of Publications by Year
in descending order

21 papers	1,183 citations	687363 13 h-index	752698 20 g-index
27 all docs	27 docs citations	27 times ranked	2047 citing authors

#	Article	IF	Citations
1	An Alignment Confidence Score Capturing Robustness to Guide Tree Uncertainty. Molecular Biology and Evolution, 2010, 27, 1759-1767.	8.9	313
2	Social insect genomes exhibit dramatic evolution in gene composition and regulation while preserving regulatory features linked to sociality. Genome Research, 2013, 23, 1235-1247.	5.5	205
3	Patterns of Positive Selection in Seven Ant Genomes. Molecular Biology and Evolution, 2014, 31, 1661-1685.	8.9	138
4	Improving the Performance of Positive Selection Inference by Filtering Unreliable Alignment Regions. Molecular Biology and Evolution, 2012, 29, 1-5.	8.9	124
5	Oral transfer of chemical cues, growth proteins and hormones in social insects. ELife, 2016, 5, .	6.0	100
6	Evolution of the Metazoan Protein Phosphatase 2C Superfamily. Journal of Molecular Evolution, 2007, 64, 61-70.	1.8	38
7	Homing endonucleases residing within inteins: evolutionary puzzles awaiting genetic solutions. Biochemical Society Transactions, 2011, 39, 169-173.	3.4	38
8	Higher expression of somatic repair genes in long-lived ant queens than workers. Aging, 2016, 8, 1940-1951.	3.1	28
9	Native homing endonucleases can target conserved genes in humans and in animal models. Nucleic Acids Research, 2011, 39, 6646-6659.	14.5	27
10	Molecular evolution of juvenile hormone esterase-like proteins in a socially exchanged fluid. Scientific Reports, 2018, 8, 17830.	3.3	27
11	Positive selection on sociobiological traits in invasive fire ants. Molecular Ecology, 2018, 27, 3116-3130.	3.9	22
12	Duplication and concerted evolution in a master sex determiner under balancing selection. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20122968.	2.6	21
13	A comparative analysis of methods for de novo assembly of hymenopteran genomes using either haploid or diploid samples. Scientific Reports, 2019, 9, 6480.	3.3	19
14	Speciation and hybridization in invasive fire ants. BMC Evolutionary Biology, 2019, 19, 111.	3.2	17
15	Neofunctionalization in Ligand Binding Sites of Ant Olfactory Receptors. Genome Biology and Evolution, 2018, 10, 2490-2500.	2.5	16
16	Evolution of olfactory functions on the fire ant social chromosome. Genome Biology and Evolution, 2018, 10, 2947-2960.	2.5	12
17	Comparative study of population genomic approaches for mapping colony-level traits. PLoS Computational Biology, 2020, 16, e1007653.	3.2	12
18	The Interplay between Incipient Species and Social Polymorphism in the Desert Ant Cataglyphis. Scientific Reports, 2019, 9, 9495.	3.3	11

#	Article	IF	Citations
19	Has gene expression neofunctionalization in the fire ant antennae contributed to queen discrimination behavior?. Ecology and Evolution, 2019, 9, 12754-12766.	1.9	6
20	The social supergene dates back to the speciation time of two Solenopsis fire ant species. Scientific Reports, 2020, 10, 11538.	3.3	6
21	Bioinformatic Identification of Homing Endonucleases and Their Target Sites. Methods in Molecular Biology, 2014, 1123, 27-35.	0.9	0