Reed M Johnson

List of Publications by Year
in descending order

47 papers	8,271 citations	147801 31 h-index	223800 46 g-index
52 all docs	52 docs citations	52 times ranked	7320 citing authors

#	Article	IF	Citations
1	Acute Toxicity of Fungicideâ€“Insecticideâ€“Adjuvant Combinations Applied to Almonds During Bloom on Adult Honey Bees. Environmental Toxicology and Chemistry, 2022, 41, 1042-1053.	4.3	13
2	Honey Bees and Neonicotinoidâ€Treated Corn Seed: Contamination, Exposure, and Effects. Environmental Toxicology and Chemistry, 2021, 40, 1212-1221.	4.3	11
3	Application of plant metabarcoding to identify diverse honeybee pollen forage along an urbanâ€“agricultural gradient. Molecular Ecology, 2021, 30, 310-323.	3.9	28
4	Pollen Treated with a Combination of Agrochemicals Commonly Applied During Almond Bloom Reduces the Emergence Rate and Longevity of Honey Bee (Hymenoptera: Apidae) Queens. Journal of Insect Science, 2021, 21, .	1.5	13
5	MetaCurator: A hidden Markov modelâ€based toolkit for extracting and curating sequences from taxonomicallyâ€informative genetic markers. Methods in Ecology and Evolution, 2020, 11, 181-186.	5.2	26
6	Flowers in Conservation Reserve Program (CRP) Pollinator Plantings and the Upper Midwest Agricultural Landscape Supporting Honey Bees. Insects, 2020, 11, 405.	2.2	15
7	Combined Toxicity of Insecticides and Fungicides Applied to California Almond Orchards to Honey Bee Larvae and Adults. Insects, 2019, 10, 20.	2.2	99
8	Quantitative multiâ€locus metabarcoding and waggle dance interpretation reveal honey bee spring foraging patterns in Midwest agroecosystems. Molecular Ecology, 2019, 28, 686-697.	3.9	49
9	Morphological and functional characterization of honey bee, Apis mellifera, hemocyte cell communities. Apidologie, 2018, 49, 397-410.	2.0	32
10	Genomic footprint of evolution of eusociality in bees: floral food use and CYPome â€œbloomsâ€. Insectes Sociaux, 2018, 65, 445-454.	1.2	29
11	Metaxa2 Database Builder: enabling taxonomic identification from metagenomic or metabarcoding data using any genetic marker. Bioinformatics, 2018, 34, 4027-4033.	4.1	36
12	A reference cytochrome c oxidase subunit I database curated for hierarchical classification of arthropod metabarcoding data. PeerJ, 2018, 6, e5126.	2.0	14
13	Poisoning a Society: A Superorganism Perspective on Honey Bee Toxicology. Bee World, 2017, 94, 30-32.	0.8	2
14	Cytochrome P450 diversification and hostplant utilization patterns in specialist and generalist moths: Birth, death and adaptation. Molecular Ecology, 2017, 26, 6021-6035.	3.9	68
15	Evaluating and optimizing the performance of software commonly used for the taxonomic classification of <scp>DNA</scp> metabarcoding sequence data. Molecular Ecology Resources, 2017, 17, 760-769.	4.8	38
16	Mechanistic modeling of pesticide exposure: The missing keystone of honey bee toxicology. Environmental Toxicology and Chemistry, 2017, 36, 871-881.	4.3	65
17	Spatial and taxonomic patterns of honey bee foraging: A choice test between urban and agricultural landscapes. Journal of Urban Ecology, 2017, 3, .	1.5	27
18	An insecticide resistance-breaking mosquitocide targeting inward rectifier potassium channels in vectors of Zika virus and malaria. Scientific Reports, 2016, 6, 36954.	3.3	55

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19	Rankâ€based characterization of pollen assemblages collected by honey bees using a multiâ€locus metabarcoding approach. Applications in Plant Sciences, 2015, 3, 1500043.	2.1	100
20	Honey Bee Toxicology. Annual Review of Entomology, 2015, 60, 415-434.	11.8	252
21	The genomes of two key bumblebee species with primitive eusocial organization. Genome Biology, 2015, 16, 76.	8.8	330
22	Genomic signatures of evolutionary transitions from solitary to group living. Science, 2015, 348, 1139-1143.	12.6	357
23	Xenobiotic detoxification pathways in honey bees. Current Opinion in Insect Science, 2015, 10, 51-58.	4.4	284
24	Application of ITS2 metabarcoding to determine the provenance of pollen collected by honey bees in an agroecosystem. Applications in Plant Sciences, 2015, 3, 1400066.	2.1	195
25	Functional toxicogenomics in bees: recent advances towards mechanism-based risk assessment. Toxicology Letters, 2013, 221, S55.	0.8	0
26	Effect of in-hive miticides on drone honey bee survival and sperm viability. Journal of Apicultural Research, 2013, 52, 88-95.	1.5	37
27	Effect of a Fungicide and Spray Adjuvant on Queen-Rearing Success in Honey Bees (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Overlo	1.8	36
28	Acaricide, Fungicide and Drug Interactions in Honey Bees (Apis mellifera). PLoS ONE, 2013, 8, e54092.	2.5	256
29	Comparative Toxicity of Acaricides to Honey Bee (Hymenoptera: Apidae) Workers and Queens. Journal of Economic Entomology, 2012, 105, 1895-1902.	1.8	55
30	Using videoâ€tracking to assess sublethal effects of pesticides on honey bees (Apis mellifera L.). Environmental Toxicology and Chemistry, 2012, 31, 1349-1354.	4.3	55
31	Ecologically Appropriate Xenobiotics Induce Cytochrome P450s in Apis mellifera. PLoS ONE, 2012, 7, e31051.	2.5	126
32	Toxicity of mycotoxins to honeybees and its amelioration by propolis. Apidologie, 2011, 42, 79-87.	2.0	66
33	Draft genome of the globally widespread and invasive Argentine ant (Linepithema humile). Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 5673-5678.	7.1	257
34	Draft genome of the red harvester ant Pogonomyrmex barbatus. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 5667-5672.	7.1	222
35	Pesticides and honey bee toxicity â€“ USA. Apidologie, 2010, 41, 312-331.	2.0	501
36	Metabolic enzymes associated with xenobiotic and chemosensory responses inNasonia vitripennis. Insect Molecular Biology, 2010, 19, 147-163.	2.0	172

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37	Decreased detoxification genes and genome size make the human body louse an efficient model to study xenobiotic metabolism. Insect Molecular Biology, 2010, 19, 599-615.	2.0	81
38	Genome sequences of the human body louse and its primary endosymbiont provide insights into the permanent parasitic lifestyle. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12168-12173.	7.1	482
39	Functional and Evolutionary Insights from the Genomes of Three Parasitoid Nasonia Species. Science, 2010, 327, 343-348.	12.6	808
40	Role of detoxification inVarroa destructor(Acari: Varroidae) tolerance of the miticide tau-fluvalinate. International Journal of Acarology, 2010, 36, 1-6.	0.7	14
41	Changes in transcript abundance relating to colony collapse disorder in honey bees (Apis) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 106, 14790-14795.	7.1	196
42	Quercetin-metabolizing CYP6AS enzymes of the pollinator Apis mellifera (Hymenoptera: Apidae). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2009, 154, 427-434.	1.6	125
43	Synergistic Interactions Between In-Hive Miticides in <I>Apis mellifera</I>. Journal of Economic Entomology, 2009, 102, 474-479.	1.8	182
44	A deficit of detoxification enzymes: pesticide sensitivity and environmental response in the honeybee. Insect Molecular Biology, 2006, 15, 615-636.	2.0	599
45	Insights into social insects from the genome of the honeybee Apis mellifera. Nature, 2006, 443, 931-949.	27.8	1,648
46	Mediation of Pyrethroid Insecticide Toxicity to Honey Bees (Hymenoptera: Apidae) by Cytochrome P450 Monooxygenases. Journal of Economic Entomology, 2006, 99, 1046-1050.	1.8	142
47	Mediation of Pyrethroid Insecticide Toxicity to Honey Bees (Hymenoptera: Apidae) by Cytochrome P450 Monooxygenases. Journal of Economic Entomology, 2006, 99, 1046-1050.	1.8	70