

Reed M Johnson

List of Publications by Year in descending order

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Version: 2024-02-01

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	Insights into social insects from the genome of the honeybee <i>Apis mellifera</i> . <i>Nature</i> , 2006, 443, 931-949.	27.8	1,648
2	Functional and Evolutionary Insights from the Genomes of Three Parasitoid <i>Nasonia</i> Species. <i>Science</i> , 2010, 327, 343-348.	12.6	808
3	A deficit of detoxification enzymes: pesticide sensitivity and environmental response in the honeybee. <i>Insect Molecular Biology</i> , 2006, 15, 615-636.	2.0	599
4	Pesticides and honey bee toxicity – USA. <i>Apidologie</i> , 2010, 41, 312-331.	2.0	501
5	Genome sequences of the human body louse and its primary endosymbiont provide insights into the permanent parasitic lifestyle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 12168-12173.	7.1	482
6	Genomic signatures of evolutionary transitions from solitary to group living. <i>Science</i> , 2015, 348, 1139-1143.	12.6	357
7	The genomes of two key bumblebee species with primitive eusocial organization. <i>Genome Biology</i> , 2015, 16, 76.	8.8	330
8	Xenobiotic detoxification pathways in honey bees. <i>Current Opinion in Insect Science</i> , 2015, 10, 51-58.	4.4	284
9	Draft genome of the globally widespread and invasive Argentine ant (<i>Linepithema humile</i>). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5673-5678.	7.1	257
10	Acaricide, Fungicide and Drug Interactions in Honey Bees (<i>Apis mellifera</i>). <i>PLoS ONE</i> , 2013, 8, e54092.	2.5	256
11	Honey Bee Toxicology. <i>Annual Review of Entomology</i> , 2015, 60, 415-434.	11.8	252
12	Draft genome of the red harvester ant <i>Pogonomyrmex barbatus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5667-5672.	7.1	222
13	Changes in transcript abundance relating to colony collapse disorder in honey bees (<i>Apis</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i> 106, 14790-14795.	7.1	196
14	Application of ITS2 metabarcoding to determine the provenance of pollen collected by honey bees in an agroecosystem. <i>Applications in Plant Sciences</i> , 2015, 3, 1400066.	2.1	195
15	Synergistic Interactions Between In-Hive Miticides in <i>Apis mellifera</i> . <i>Journal of Economic Entomology</i> , 2009, 102, 474-479.	1.8	182
16	Metabolic enzymes associated with xenobiotic and chemosensory responses in <i>Nasonia vitripennis</i> . <i>Insect Molecular Biology</i> , 2010, 19, 147-163.	2.0	172
17	Mediation of Pyrethroid Insecticide Toxicity to Honey Bees (Hymenoptera: Apidae) by Cytochrome P450 Monooxygenases. <i>Journal of Economic Entomology</i> , 2006, 99, 1046-1050.	1.8	142
18	Ecologically Appropriate Xenobiotics Induce Cytochrome P450s in <i>Apis mellifera</i> . <i>PLoS ONE</i> , 2012, 7, e31051.	2.5	126

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19	Quercetin-metabolizing CYP6AS enzymes of the pollinator <i>Apis mellifera</i> (Hymenoptera: Apidae). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2009, 154, 427-434.	1.6	125
20	Rank-based characterization of pollen assemblages collected by honey bees using a multi-locus metabarcoding approach. <i>Applications in Plant Sciences</i> , 2015, 3, 1500043.	2.1	100
21	Combined Toxicity of Insecticides and Fungicides Applied to California Almond Orchards to Honey Bee Larvae and Adults. <i>Insects</i> , 2019, 10, 20.	2.2	99
22	Decreased detoxification genes and genome size make the human body louse an efficient model to study xenobiotic metabolism. <i>Insect Molecular Biology</i> , 2010, 19, 599-615.	2.0	81
23	Mediation of Pyrethroid Insecticide Toxicity to Honey Bees (Hymenoptera: Apidae) by Cytochrome P450 Monooxygenases. <i>Journal of Economic Entomology</i> , 2006, 99, 1046-1050.	1.8	70
24	Cytochrome P450 diversification and hostplant utilization patterns in specialist and generalist moths: Birth, death and adaptation. <i>Molecular Ecology</i> , 2017, 26, 6021-6035.	3.9	68
25	Toxicity of mycotoxins to honeybees and its amelioration by propolis. <i>Apidologie</i> , 2011, 42, 79-87.	2.0	66
26	Mechanistic modeling of pesticide exposure: The missing keystone of honey bee toxicology. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 871-881.	4.3	65
27	Comparative Toxicity of Acaricides to Honey Bee (Hymenoptera: Apidae) Workers and Queens. <i>Journal of Economic Entomology</i> , 2012, 105, 1895-1902.	1.8	55
28	Using video-tracking to assess sublethal effects of pesticides on honey bees (<i>Apis mellifera</i> L.). <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 1349-1354.	4.3	55
29	An insecticide resistance-breaking mosquitocide targeting inward rectifier potassium channels in vectors of Zika virus and malaria. <i>Scientific Reports</i> , 2016, 6, 36954.	3.3	55
30	Quantitative multi-locus metabarcoding and waggle dance interpretation reveal honey bee spring foraging patterns in Midwest agroecosystems. <i>Molecular Ecology</i> , 2019, 28, 686-697.	3.9	49
31	Evaluating and optimizing the performance of software commonly used for the taxonomic classification of <i>scn</i> DNA <i>scn</i> metabarcoding sequence data. <i>Molecular Ecology Resources</i> , 2017, 17, 760-769.	4.8	38
32	Effect of in-hive miticides on drone honey bee survival and sperm viability. <i>Journal of Apicultural Research</i> , 2013, 52, 88-95.	1.5	37
33	Effect of a Fungicide and Spray Adjuvant on Queen-Rearing Success in Honey Bees (Hymenoptera:). <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i>	1.8	36
34	Metaxa2 Database Builder: enabling taxonomic identification from metagenomic or metabarcoding data using any genetic marker. <i>Bioinformatics</i> , 2018, 34, 4027-4033.	4.1	36
35	Morphological and functional characterization of honey bee, <i>Apis mellifera</i> , hemocyte cell communities. <i>Apidologie</i> , 2018, 49, 397-410.	2.0	32
36	Genomic footprint of evolution of eusociality in bees: floral food use and CYPome <i>œ</i> blooms <i>œ</i> . <i>Insectes Sociaux</i> , 2018, 65, 445-454.	1.2	29

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37	Application of plant metabarcoding to identify diverse honeybee pollen forage along an urbanâ€“agricultural gradient. <i>Molecular Ecology</i> , 2021, 30, 310-323.	3.9	28
38	Spatial and taxonomic patterns of honey bee foraging: A choice test between urban and agricultural landscapes. <i>Journal of Urban Ecology</i> , 2017, 3, .	1.5	27
39	MetaCurator: A hidden Markov modelâ€“based toolkit for extracting and curating sequences from taxonomicallyâ€“informative genetic markers. <i>Methods in Ecology and Evolution</i> , 2020, 11, 181-186.	5.2	26
40	Flowers in Conservation Reserve Program (CRP) Pollinator Plantings and the Upper Midwest Agricultural Landscape Supporting Honey Bees. <i>Insects</i> , 2020, 11, 405.	2.2	15
41	Role of detoxification in <i>Varroa destructor</i> (Acari: Varroidae) tolerance of the miticide tau-fluvalinate. <i>International Journal of Acarology</i> , 2010, 36, 1-6.	0.7	14
42	A reference cytochrome c oxidase subunit I database curated for hierarchical classification of arthropod metabarcoding data. <i>PeerJ</i> , 2018, 6, e5126.	2.0	14
43	Pollen Treated with a Combination of Agrochemicals Commonly Applied During Almond Bloom Reduces the Emergence Rate and Longevity of Honey Bee (Hymenoptera: Apidae) Queens. <i>Journal of Insect Science</i> , 2021, 21, .	1.5	13
44	Acute Toxicity of Fungicideâ€“Insecticideâ€“Adjuvant Combinations Applied to Almonds During Bloom on Adult Honey Bees. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 1042-1053.	4.3	13
45	Honey Bees and Neonicotinoidâ€“Treated Corn Seed: Contamination, Exposure, and Effects. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 1212-1221.	4.3	11
46	Poisoning a Society: A Superorganism Perspective on Honey Bee Toxicology. <i>Bee World</i> , 2017, 94, 30-32.	0.8	2
47	Functional toxicogenomics in bees: recent advances towards mechanism-based risk assessment. <i>Toxicology Letters</i> , 2013, 221, S55.	0.8	0