

Chris R Smith

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,916
citations

516710

16
h-index

501196

28
g-index

30
all docs

30
docs citations

30
times ranked

2138
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic and genomic analyses of the division of labour in insect societies. <i>Nature Reviews Genetics</i> , 2008, 9, 735-748.	16.3	313
2	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
3	The Genome Sequence of the Leaf-Cutter Ant <i>Atta cephalotes</i> Reveals Insights into Its Obligate Symbiotic Lifestyle. <i>PLoS Genetics</i> , 2011, 7, e1002007.	3.5	231
4	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
5	Social insect genomes exhibit dramatic evolution in gene composition and regulation while preserving regulatory features linked to sociality. <i>Genome Research</i> , 2013, 23, 1235-1247.	5.5	205
6	The genomic impact of 100 million years of social evolution in seven ant species. <i>Trends in Genetics</i> , 2012, 28, 14-21.	6.7	101
7	Microbial community responses to soil tillage and crop rotation in a corn/soybean agroecosystem. <i>Ecology and Evolution</i> , 2016, 6, 8075-8084.	1.9	101
8	Caste Determination in a Polymorphic Social Insect: Nutritional, Social, and Genetic Factors. <i>American Naturalist</i> , 2008, 172, 497-507.	2.1	95
9	Patterns of DNA Methylation in Development, Division of Labor and Hybridization in an Ant with Genetic Caste Determination. <i>PLoS ONE</i> , 2012, 7, e42433.	2.5	52
10	Conserved roles of Osiris genes in insect development, polymorphism and protection. <i>Journal of Evolutionary Biology</i> , 2018, 31, 516-529.	1.7	43
11	The trophic ecology of castes in harvester ant colonies. <i>Functional Ecology</i> , 2010, 24, 122-130.	3.6	41
12	How Do Genomes Create Novel Phenotypes? Insights from the Loss of the Worker Caste in Ant Social Parasites. <i>Molecular Biology and Evolution</i> , 2015, 32, 2919-2931.	8.9	40
13	The sociometry and sociogenesis of reproduction in the Florida harvester ant, <i>Pogonomyrmex badius</i> . <i>Journal of Insect Science</i> , 2006, 6, 1-11.	1.5	30
14	Ants (Formicidae): Models for Social Complexity. <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.emo125-pdb.emo125.	0.3	23
15	Nutritional Asymmetries Are Related to Division of Labor in a Queenless Ant. <i>PLoS ONE</i> , 2011, 6, e24011.	2.5	22
16	Functional insights from the GC-poor genomes of two aphid parasitoids, <i>Aphidius ervi</i> and <i>Lysiphlebus fabarum</i> . <i>BMC Genomics</i> , 2020, 21, 376.	2.8	19
17	Ant Fat Extraction with a Soxhlet Extractor: Figure 1.. <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5243.	0.3	18
18	Potential and realized reproduction by different worker castes in queen-less and queen-right colonies of <i>Pogonomyrmex badius</i> . <i>Insectes Sociaux</i> , 2007, 54, 260-267.	1.2	16

#	ARTICLE	IF	CITATIONS
19	Foraging Ecology of the Tropical Giant Hunting Ant <i>Dinoponera australis</i> (Hymenoptera) Tj ETQq1 1 0,784314.rgBT /Over	1.6	14
20	MODELING THE MAINTENANCE OF A DEPENDENT LINEAGE SYSTEM: THE INFLUENCE OF POSITIVE FREQUENCY-DEPENDENT SELECTION ON SEX RATIO. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 2142-2152.	2.3	12
21	Queen, worker, and male yellowjacket wasps receive different nutrition during development. <i>Insectes Sociaux</i> , 2012, 59, 289-295.	1.2	12
22	Object Depots in the Genus <i>Pogonomyrmex</i> : Exploring the "Who, What, When, and Where. <i>Journal of Insect Behavior</i> , 2005, 18, 859-879.	0.7	11
23	First Recorded Mating Flight of the Hypogeic Ant, <i>Acropyga epedana</i> , with its Obligate Mutualist Mealybug, <i>Rhizoecus colombiensis</i> . <i>Journal of Insect Science</i> , 2007, 7, 1-5.	1.5	10
24	The adaptive nature of non-food collection for the Florida harvester ant, <i>Pogonomyrmex badius</i> . <i>Ecological Entomology</i> , 2007, 32, 105-112.	2.2	9
25	Collecting Live Ant Specimens (Colony Sampling). <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5239 .	0.3	5
26	Growth and survival of the superorganism: Ant colony macronutrient intake and investment. <i>Ecology and Evolution</i> , 2020, 10, 7901-7915.	1.9	5
27	Stable Isotope and Elemental Analysis in Ants: Figure 1.. <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5242 .	0.3	4
28	Ecological Sampling of Ants: Competition and Biodiversity. <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5241-pdb.prot5241 .	0.3	1