Eckart Stolle

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1263208/publications.pdf

Version: 2024-02-01

23	2,009	471509	642732
papers	citations	17 h-index	23 g-index

32	32	32	2976
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Finding the missing honey bee genes: lessons learned from a genome upgrade. BMC Genomics, 2014, 15, 86.	2.8	375
2	Genomic signatures of evolutionary transitions from solitary to group living. Science, 2015, 348, 1139-1143.	12.6	357
3	The genomes of two key bumblebee species with primitive eusocial organization. Genome Biology, 2015, 16, 76.	8.8	330
4	The First Myriapod Genome Sequence Reveals Conservative Arthropod Gene Content and Genome Organisation in the Centipede Strigamia maritima. PLoS Biology, 2014, 12, e1002005.	5.6	221
5	Estimating the Density of Honeybee Colonies across Their Natural Range to Fill the Gap in Pollinator Decline Censuses. Conservation Biology, 2010, 24, 583-593.	4.7	128
6	Alternative splicing of a single transcription factor drives selfish reproductive behavior in honeybee workers (Apis mellifera). Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15282-15287.	7.1	79
7	A second generation genetic map of the bumblebee Bombus terrestris (Linnaeus, 1758) reveals slow genome and chromosome evolution in the Apidae. BMC Genomics, 2011, 12, 48.	2.8	57
8	Casteâ€•and pesticideâ€specific effects of neonicotinoid pesticide exposure on gene expression in bumblebees. Molecular Ecology, 2019, 28, 1964-1974.	3.9	55
9	Flower Visitors in a Natural Population of Arabidopsis thaliana. Plant Biology, 2003, 5, 491-494.	3.8	53
10	Degenerative Expansion of a Young Supergene. Molecular Biology and Evolution, 2019, 36, 553-561.	8.9	42
11	Novel microsatellite DNA loci for Bombus terrestris (Linnaeus, 1758). Molecular Ecology Resources, 2009, 9, 1345-1352.	4.8	39
12	RESTseq â€“ Efficient Benchtop Population Genomics with RESTriction Fragment SEQuencing. PLoS ONE, 2013, 8, e63960.	2.5	38
13	Developmental plasticity shapes social traits and selection in a facultatively eusocial bee. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 13615-13625.	7.1	37
14	Thrice out of Asia and the adaptive radiation of the western honey bee. Science Advances, 2021, 7, eabj2151.	10.3	33
15	Fire ant social chromosomes: Differences in number, sequence and expression of odorant binding proteins. Evolution Letters, 2017, 1, 199-210.	3.3	29
16	Patterns of Evolutionary Conservation of Microsatellites (SSRs) Suggest a Faster Rate of Genome Evolution in Hymenoptera Than in Diptera. Genome Biology and Evolution, 2013, 5, 151-162.	2.5	25
17	A Single SNP Turns a Social Honey Bee (Apis mellifera) Worker into a Selfish Parasite. Molecular Biology and Evolution, 2019, 36, 516-526.	8.9	22
18	Draft Genome Assembly and Population Genetics of an Agricultural Pollinator, the Solitary Alkali Bee (Halictidae: Nomia melanderi). G3: Genes, Genomes, Genetics, 2019, 9, 625-634.	1.8	19

#	Article	IF	Citations
19	Genomic architecture and evolutionary antagonism drive allelic expression bias in the social supergene of red fire ants. ELife, 2020, 9, .	6.0	16
20	Microsatellite analysis supports the existence of three cryptic species within the bumble bee Bombus lucorum sensu lato. Conservation Genetics, 2017, 18, 573-584.	1.5	13
21	Brain microRNAs among social and solitary bees. Royal Society Open Science, 2020, 7, 200517.	2.4	13
22	Transcriptomic Signatures of Ageing Vary in Solitary and Social Forms of an Orchid Bee. Genome Biology and Evolution, 2021, 13, .	2.5	10
23	Recurring adaptive introgression of a supergene variant that determines social organization. Nature Communications, 2022, 13, 1180.	12.8	9