

Gabriele Buchmann

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

859
citations

567281
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docs citations

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times ranked

1153
citing authors

#	ARTICLE	IF	CITATIONS
1	Rye <i>Pm8</i> and wheat <i>Pm3</i> are orthologous genes and show evolutionary conservation of resistance function against powdery mildew. <i>Plant Journal</i> , 2013, 76, 957-969.	5.7	178
2	A Diverse Range of Novel RNA Viruses in Geographically Distinct Honey Bee Populations. <i>Journal of Virology</i> , 2017, 91, .	3.4	138
3	Evolutionary divergence of the rye <i>Pm17</i> and <i>Pm8</i> resistance genes reveals ancient diversity. <i>Plant Molecular Biology</i> , 2018, 98, 249-260.	3.9	75
4	Parent-of-origin effects on genome-wide DNA methylation in the Cape honey bee (<i>Apis mellifera</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 6	2.8	54
5	Genetic and molecular characterization of a locus involved in avirulence of <i>Blumeria graminis</i> f. sp. <i>tritici</i> on wheat <i>Pm3</i> resistance alleles. <i>Fungal Genetics and Biology</i> , 2015, 82, 181-192.	2.1	50
6	Chromatin Modifiers SET-25 and SET-32 Are Required for Establishment but Not Long-Term Maintenance of Transgenerational Epigenetic Inheritance. <i>Cell Reports</i> , 2018, 25, 2259-2272.e5.	6.4	50
7	The wheat resistance gene <i>Lr34</i> results in the constitutive induction of multiple defense pathways in transgenic barley. <i>Plant Journal</i> , 2015, 84, 202-215.	5.7	45
8	An invasive social insect overcomes genetic load at the sex locus. <i>Nature Ecology and Evolution</i> , 2017, 1, 11.	7.8	45
9	Intergenerational transfer of DNA methylation marks in the honey bee. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32519-32527.	7.1	45
10	Accumulation and Competition Amongst Deformed Wing Virus Genotypes in Naïve Australian Honeybees Provides Insight Into the Increasing Global Prevalence of Genotype B. <i>Frontiers in Microbiology</i> , 2020, 11, 620.	3.5	32
11	Unique DNA Methylation Profiles Are Associated with cis-Variation in Honey Bees. <i>Genome Biology and Evolution</i> , 2019, 11, 2517-2530.	2.5	31
12	Cross-Kingdom RNAi of Pathogen Effectors Leads to Quantitative Adult Plant Resistance in Wheat. <i>Frontiers in Plant Science</i> , 2020, 11, 253.	3.6	24
13	A Single Gene Causes Thelytokous Parthenogenesis, the Defining Feature of the Cape Honeybee <i>Apis mellifera capensis</i> . <i>Current Biology</i> , 2020, 30, 2248-2259.e6.	3.9	23
14	Adaptation to vectorâ€based transmission in a honeybee virus. <i>Journal of Animal Ecology</i> , 2021, 90, 2254-2267.	2.8	20
15	Paternalâ€biased gene expression follows kinâ€selected predictions in female honey bee embryos. <i>Molecular Ecology</i> , 2020, 29, 1523-1533.	3.9	16
16	Workers' sons rescue genetic diversity at the sex locus in an invasive honey bee population. <i>Molecular Ecology</i> , 2019, 28, 1585-1592.	3.9	15
17	Viable Triploid Honey Bees (<i>Apis mellifera capensis</i>) Are Reliably Produced in the Progeny of CO2 Narcotised Queens. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 3357-3366.	1.8	5
18	Genetic Diversity in the Progeny of Commercial Australian Queen Honey Bees (Hymenoptera: Apidae) Produced in Autumn and Early Spring. <i>Journal of Economic Entomology</i> , 2019, 112, 33-39.	1.8	5

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19	Loss of mitochondrial diversity in invasive populations of Asian honey bees, <i>Apis cerana</i> (Hymenoptera: Apidae), in the Austral-Pacific. <i>Austral Entomology</i> , 2022, 61, 97-103.	1.4	3
20	Split or combine? Effects of repeated sampling and data pooling on the estimation of colony numbers obtained from drone genotyping. <i>Apidologie</i> , 2021, 52, 620-631.	2.0	2
21	Reply to Soley: DNA methylation marks are stably transferred across generations in honey bees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	2
22	What mechanistic factors affect thelytokous parthenogenesis in <i>Apis mellifera</i> caponised queens?. <i>Apidologie</i> , 2020, 51, 329-341.	2.0	1