Gabriele Buchmann

List of Publications by Year
in descending order

22	859	566801 15	676716 22
papers	citations	h-index	g-index

22	22	22	1153
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rye <scp>P</scp>m8 and wheat <scp>P</scp>m3 are orthologous genes and show evolutionary conservation of resistance function against powdery mildew. Plant Journal, 2013, 76, 957-969.	2.8	178
2	A Diverse Range of Novel RNA Viruses in Geographically Distinct Honey Bee Populations. Journal of Virology, 2017, 91, .	1.5	138
3	Evolutionary divergence of the rye Pm17 and Pm8 resistance genes reveals ancient diversity. Plant Molecular Biology, 2018, 98, 249-260.	2.0	75
4	Parent-of-origin effects on genome-wide DNA methylation in the Cape honey bee (Apis mellifera) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.2	54
5	Genetic and molecular characterization of a locus involved in avirulence of Blumeria graminis f. sp. tritici on wheat Pm3 resistance alleles. Fungal Genetics and Biology, 2015, 82, 181-192.	0.9	50
6	Chromatin Modifiers SET-25 and SET-32 Are Required for Establishment but Not Long-Term Maintenance of Transgenerational Epigenetic Inheritance. Cell Reports, 2018, 25, 2259-2272.e5.	2.9	50
7	The wheat resistance gene Lr34 results in the constitutive induction of multiple defense pathways in transgenic barley. Plant Journal, 2015, 84, 202-215.	2.8	45
8	An invasive social insect overcomes genetic load at the sex locus. Nature Ecology and Evolution, 2017, 1, 11.	3.4	45
9	Intergenerational transfer of DNA methylation marks in the honey bee. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32519-32527.	3.3	45
10	Accumulation and Competition Amongst Deformed Wing Virus Genotypes in NaÃ¨ve Australian Honeybees Provides Insight Into the Increasing Global Prevalence of Genotype B. Frontiers in Microbiology, 2020, 11, 620.	1.5	32
11	Unique DNA Methylation Profiles Are Associated with cis-Variation in Honey Bees. Genome Biology and Evolution, 2019, 11, 2517-2530.	1.1	31
12	Cross-Kingdom RNAi of Pathogen Effectors Leads to Quantitative Adult Plant Resistance in Wheat. Frontiers in Plant Science, 2020, 11, 253.	1.7	24
13	A Single Gene Causes Thelytokous Parthenogenesis, the Defining Feature of the Cape Honeybee Apis mellifera capensis. Current Biology, 2020, 30, 2248-2259.e6.	1.8	23
14	Adaptation to vectorâ€based transmission in a honeybee virus. Journal of Animal Ecology, 2021, 90, 2254-2267.	1.3	20
15	Paternallyâ€biased gene expression follows kinâ€selected predictions in female honey bee embryos. Molecular Ecology, 2020, 29, 1523-1533.	2.0	16
16	Workers' sons rescue genetic diversity at the sex locus in an invasive honey bee population. Molecular Ecology, 2019, 28, 1585-1592.	2.0	15
17	Viable Triploid Honey Bees (Apis mellifera capensis) Are Reliably Produced in the Progeny of CO2 Narcotised Queens. G3: Genes, Genomes, Genetics, 2018, 8, 3357-3366.	0.8	5
18	Genetic Diversity in the Progeny of Commercial Australian Queen Honey Bees (Hymenoptera: Apidae) Produced in Autumn and Early Spring. Journal of Economic Entomology, 2019, 112, 33-39.	0.8	5

#	Article	IF	Citations
19	Loss of mitochondrial diversity in invasive populations of Asian honey bees, <scp>Apis cerana</scp> (Hymenoptera: Apidae), in the Australâ€Pacific. Austral Entomology, 2022, 61, 97-103.	0.8	3
20	Split or combine? Effects of repeated sampling and data pooling on the estimation of colony numbers obtained from drone genotyping. Apidologie, 2021, 52, 620-631.	0.9	2
21	Reply to Soley: DNA methylation marks are stably transferred across generations in honey bees. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	2
22	What mechanistic factors affect thelytokous parthenogenesis in Apis mellifera caponises queens?. Apidologie, 2020, 51, 329-341.	0.9	1