

Arián Avalos

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

388
citations

840585

11
h-index

839398

18
g-index

23
all docs

23
docs citations

23
times ranked

516
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of multiple selective breeding programs on genetic diversity in soybean germplasm. <i>Theoretical and Applied Genetics</i> , 2022, 135, 1591-1602.	1.8	7
2	Effects of aversive conditioning on expression of physiological stress in honey bees (<i>Apis mellifera</i>). <i>Neurobiology of Learning and Memory</i> , 2021, 178, 107363.	1.0	3
3	Parallel mechanisms of visual memory formation across distinct regions of the honey bee brain. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	1
4	Upper thermal tolerance of tropical and temperate termite species (Isoptera: Rhinotermitidae). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62</i>	0.7	11
5	Genome-wide patterns of differentiation within and among U.S. commercial honey bee stocks. <i>BMC Genomics</i> , 2020, 21, 704.	1.2	20
6	Genetic diversity of the complementary sex-determiner (<i>csd</i>) gene in two closed breeding stocks of Varroa-resistant honey bees. <i>Apidologie</i> , 2020, 51, 1125-1132.	0.9	6
7	Developmental plasticity shapes social traits and selection in a facultatively eusocial bee. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 13615-13625.	3.3	37
8	Genomic regions influencing aggressive behavior in honey bees are defined by colony allele frequencies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17135-17141.	3.3	24
9	Soybean aphid biotype 1 genome: Insights into the invasive biology and adaptive evolution of a major agricultural pest. <i>Insect Biochemistry and Molecular Biology</i> , 2020, 120, 103334.	1.2	15
10	Colonization history and population differentiation of the Honey Bees (<i>Apis mellifera</i> L.) in Puerto Rico. <i>Ecology and Evolution</i> , 2019, 9, 10895-10902.	0.8	11
11	Day/night upper thermal limits differ within <i>Ectatomma ruidum</i> ant colonies. <i>Insectes Sociaux</i> , 2018, 65, 183-189.	0.7	7
12	A soft selective sweep during rapid evolution of gentle behaviour in an Africanized honeybee. <i>Nature Communications</i> , 2017, 8, 1550.	5.8	33
13	Social signals and aversive learning in honey bee drones and workers. <i>Biology Open</i> , 2016, 6, 41-49.	0.6	7
14	Measuring individual locomotor rhythms in honey bees, paper wasps and similar sized insects. <i>Journal of Experimental Biology</i> , 2014, 217, 1307-15.	0.8	32
15	Individual responsiveness to shock and colony-level aggression in honey bees: evidence for a genetic component. <i>Behavioral Ecology and Sociobiology</i> , 2014, 68, 761-771.	0.6	13
16	Aversive conditioning in honey bees (<i>Apis mellifera anatolica</i>): a comparison of drones and workers. <i>Journal of Experimental Biology</i> , 2013, 216, 4124-4134.	0.8	32
17	Escape Decisions by the Syntopic Congeners <i>Sceloporus jarrovi</i> and <i>S. virgatus</i> : Comparative Effects of Perch Height and of Predator Approach Speed, Persistence, and Direction of Turning. <i>Journal of Herpetology</i> , 2010, 44, 425-430.	0.2	18
18	Predation risk, escape and refuge use by mountain spiny lizards (<i>Sceloporus jarrovi</i>). <i>Amphibia - Reptilia</i> , 2010, 31, 363-373.	0.1	14

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19	Social interactions as an ecological constraint in a eusocial insect. <i>Animal Behaviour</i> , 2008, 75, 681-691.	0.8	12
20	Mutational Bias for Body Size in Rhabditid Nematodes. <i>Genetics</i> , 2007, 176, 1653-1661.	1.2	35
21	Cumulative Effects of Spontaneous Mutations for Fitness in <i>Caenorhabditis</i> : Role of Genotype, Environment and Stress. <i>Genetics</i> , 2006, 174, 1387-1395.	1.2	49