

Miguel Corona

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,616
citations

394421

19
h-index

552781

26
g-index

30
all docs

30
docs citations

30
times ranked

2602
citing authors

#	ARTICLE	IF	CITATIONS
1	Vitellogenin, juvenile hormone, insulin signaling, and queen honey bee longevity. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 7128-7133.	7.1	553
2	The genome of the fire ant <i>Solenopsis invicta</i> . Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 5679-5684.	7.1	322
3	Insulin signaling is involved in the regulation of worker division of labor in honey bee colonies. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 4226-4231.	7.1	289
4	Peptides and genes coding for scorpion toxins that affect ion-channels. Biochimie, 2000, 82, 861-868.	2.6	273
5	Israeli Acute Paralysis Virus: Epidemiology, Pathogenesis and Implications for Honey Bee Health. PLoS Pathogens, 2014, 10, e1004261.	4.7	173
6	Gene expression patterns associated with queen honey bee longevity. Mechanisms of Ageing and Development, 2005, 126, 1230-1238.	4.6	169
7	Molecular mechanisms of phenotypic plasticity in social insects. Current Opinion in Insect Science, 2016, 13, 55-60.	4.4	144
8	Interplay between insulin signaling, juvenile hormone, and vitellogenin regulates maternal effects on polyphenism in ants. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11050-11055.	7.1	110
9	Vitellogenin Underwent Subfunctionalization to Acquire Caste and Behavioral Specific Expression in the Harvester Ant <i>Pogonomyrmex barbatus</i> . PLoS Genetics, 2013, 9, e1003730.	3.5	101
10	Overwintering Is Associated with Reduced Expression of Immune Genes and Higher Susceptibility to Virus Infection in Honey Bees. PLoS ONE, 2015, 10, e0129956.	2.5	75
11	Toxic peptides and genes encoding toxin β of the Brazilian scorpions <i>Tityus bahiensis</i> and <i>Tityus stigmurus</i> . Biochemical Journal, 1996, 313, 753-760.	3.7	74
12	A large number of novel Ergtoxin-like genes and ERG K ⁺ -channels blocking peptides from scorpions of the genus <i>Centruroides</i> . FEBS Letters, 2002, 532, 121-126.	2.8	54
13	Cloning and characterization of cDNAs that code for Na ⁺ -channel-blocking toxins of the scorpion <i>Centruroides noxius</i> Hoffmann. Gene, 1993, 128, 165-171.	2.2	41
14	Biochemical, genetic and physiological characterization of venom components from two species of scorpions: <i>Centruroides exilicauda</i> Wood and <i>Centruroides sculpturatus</i> Ewing. Biochimie, 2004, 86, 387-396.	2.6	35
15	Comparative transcriptome analysis on the synthesis pathway of honey bee (<i>Apis mellifera</i>) mandibular gland secretions. Scientific Reports, 2017, 7, 4530.	3.3	35
16	Cloning of Genes Encoding Scorpion Toxins: An Interpretative Review. Toxin Reviews, 1995, 14, 339-357.	1.5	27
17	Proteomics analysis reveals protein expression differences for hypopharyngeal gland activity in the honeybee, <i>Apis mellifera carnica</i> Pollmann. BMC Genomics, 2014, 15, 665.	2.8	25
18	Sequence analysis and phylogenetic relationship of genes encoding heterodimeric phospholipases A2 from the venom of the scorpion <i>Anuroctonus phaiodactylus</i> . Gene, 2007, 396, 149-158.	2.2	23

#	ARTICLE	IF	CITATIONS
19	Cloning and characterization of the genomic region encoding toxin IV-5 from the scorpion <i>Tityus serrulatus</i> Lutz and Mello. <i>Toxicon</i> , 1996, 34, 251-256.	1.6	22
20	A novel class of peptide found in scorpion venom with neurodepressant effects in peripheral and central nervous system of the rat. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2003, 1649, 58-67.	2.3	18
21	Africanized honey bees in Colombia exhibit high prevalence but low level of infestation of <i>Varroa</i> mites and low prevalence of pathogenic viruses. <i>PLoS ONE</i> , 2021, 16, e0244906.	2.5	13
22	From Noxiustoxin to Scorpine and Possible Transgenic Mosquitoes Resistant to Malaria. <i>Archives of Medical Research</i> , 2002, 33, 398-404.	3.3	12
23	Determination of the Africanized mitotypes in populations of honey bees (<i>Apis mellifera</i> L.) of Colombia. <i>Journal of Apicultural Research</i> , 2018, 57, 219-227.	1.5	10
24	Influence of honey bee seasonal phenotype and emerging conditions on diet behavior and susceptibility to imidacloprid. <i>Apidologie</i> , 2022, 53, 1.	2.0	7
25	Molecular detection of <i>Melissococcus plutonius</i> assessed in Africanized honey bee populations (<i>Apis</i>) Tj ETQq1 1 0,784314 rgBT /Ove	1.5	2
26	Polyurethane honey bee hives provide better winter insulation than wooden hives. <i>Journal of Apicultural Research</i> , 2022, 61, 190-196.	1.5	2
27	The effect of a novel dietary supplement based on fishery industry waste hydrolysate, essential fatty acids and phytochemicals on honey bee nuclei development. <i>Journal of Apicultural Research</i> , 0, , 1-7.	1.5	1
28	Metal Screen at the Entrance of a Hive does not Affect Production and Reproduction of Honey Bees1 and Can Prevent Predation by Hornets2. <i>Southwestern Entomologist</i> , 2021, 45, .	0.2	0