

# Juliana Rangel

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

1,291  
citations

516710

16  
h-index

377865

34  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1183  
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding the Enemy: A Review of the Genetics, Behavior and Chemical Ecology of <i>Varroa destructor</i> , the Parasitic Mite of <i>Apis mellifera</i> . Journal of Insect Science, 2022, 22, .	1.5	15
2	Honey Bee ( <i>Apis mellifera</i> ) Exposure to Pesticide Residues in Nectar and Pollen in Urban and Suburban Environments from Four Regions of the United States. Environmental Toxicology and Chemistry, 2022, 41, 991-1003.	4.3	12
3	Assessing pollen nutrient content: a unifying approach for the study of bee nutritional ecology. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, 20210510.	4.0	21
4	Pesticide Exposure During Development Does Not Affect the Larval Pheromones, Feeding Rates, or Morphology of Adult Honey Bee ( <i>Apis mellifera</i> ) Queens. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	2
5	Transcriptomic analysis of the honey bee ( <i>Apis mellifera</i> ) queen spermathecae reveals genes that may be involved in sperm storage after mating. PLoS ONE, 2021, 16, e0244648.	2.5	15
6	Elevated Mating Frequency in Honey Bee (Hymenoptera: Apidae) Queens Exposed to the Miticide Amitraz During Development. Annals of the Entomological Society of America, 2021, 114, 620-626.	2.5	6
7	The 60 <sup>th</sup> volume of the <i>Journal of Apicultural Research</i> - a look into the past and future. Journal of Apicultural Research, 2021, 60, 639-643.	1.5	0
8	Genetic diversity of wild and managed honey bees ( <i>Apis mellifera</i> ) in Southwestern Pennsylvania, and prevalence of the microsporidian gut pathogens <i>Nosema ceranae</i> and <i>N. apis</i> . Apidologie, 2020, 51, 802-814.	2.0	8
9	Queen honey bee ( <i>Apis mellifera</i> ) pheromone and reproductive behavior are affected by pesticide exposure during development. Behavioral Ecology and Sociobiology, 2020, 74, 1.	1.4	28
10	The detection of honey bee ( <i>Apis mellifera</i> )-associated viruses in ants. Scientific Reports, 2020, 10, 2923.	3.3	18
11	Honey bee ( <i>Apis mellifera</i> ) larval pheromones may regulate gene expression related to foraging task specialization. BMC Genomics, 2019, 20, 592.	2.8	18
12	Factors affecting the reproductive health of honey bee ( <i>Apis mellifera</i> ) drones—a review. Apidologie, 2019, 50, 759-778.	2.0	35
13	Seasonal variation of pollen collected by honey bees ( <i>Apis mellifera</i> ) in developed areas across four regions in the United States. PLoS ONE, 2019, 14, e0217294.	2.5	71
14	Initial Exposure of Wax Foundation to Agrochemicals Causes Negligible Effects on the Growth and Winter Survival of Incipient Honey Bee ( <i>Apis mellifera</i> ) Colonies. Insects, 2019, 10, 19.	2.2	10
15	Emerging Themes from the ESA Symposium Entitled “Pollinator Nutrition: Lessons from Bees at Individual to Landscape Levels”. Bee World, 2019, 96, 3-9.	0.8	11
16	The Effects of the Insect Growth Regulators Methoxyfenozide and Pyriproxyfen and the Acaricide Bifenazate on Honey Bee (Hymenoptera: Apidae) Forager Survival. Journal of Economic Entomology, 2018, 111, 510-516.	1.8	21
17	Queen Pheromones and Mandibular Gland Dissection. Bee World, 2018, 95, 3-5.	0.8	1
18	Determining the minimum number of pollen grains needed for accurate honey bee ( <i>Apis</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td	1.5	19

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19	Upregulation of antioxidant genes in the spermathecae of honey bee ( <i>Apis mellifera</i> ) queens after mating. <i>Apidologie</i> , 2018, 49, 224-234.	2.0	25
20	Exposure to pesticides during development negatively affects honey bee ( <i>Apis mellifera</i> ) drone sperm viability. <i>PLoS ONE</i> , 2018, 13, e0208630.	2.5	38
21	Evaluation of the predatory mite <i>Stratiolaelaps scimitus</i> for the biological control of the honey bee ectoparasitic mite <i>Varroa destructor</i> . <i>Journal of Apicultural Research</i> , 2018, 57, 425-432.	1.5	14
22	Modulation of the honey bee queen microbiota: Effects of early social contact. <i>PLoS ONE</i> , 2018, 13, e0200527.	2.5	43
23	Spatio-Temporal Variation in Viability of Spermatozoa of Honey Bee, <i>Apis mellifera</i> , Drones in Central Texas Apiaries. <i>Southwestern Entomologist</i> , 2018, 43, 343-356.	0.2	6
24	The effect of queen insemination volume on the growth of newly established honey bee ( <i>Apis mellifera</i> ) colonies. <i>Journal of Apicultural Research</i> , 2018, 57, 425-432.	2.0	4
25	Genetic diversity and prevalence of <i>Varroa destructor</i> , <i>Nosema apis</i> , and <i>N. ceranae</i> in managed honey bee ( <i>Apis mellifera</i> ) colonies in the Caribbean island of Dominica, West Indies. <i>Journal of Apicultural Research</i> , 2018, 57, 541-550.	1.5	4
26	The Synergistic Effects of Almond Protection Fungicides on Honey Bee (Hymenoptera: Apidae) Forager Survival. <i>Journal of Economic Entomology</i> , 2017, 110, 802-808.	1.8	48
27	A national survey of managed honey bee 2015-2016 annual colony losses in the USA. <i>Journal of Apicultural Research</i> , 2017, 56, 328-340.	1.5	337
28	In-Hive Miticides and their Effect on Queen Supersedure and Colony Growth in the Honey Bee ( <i>Apis mellifera</i> ). <i>Journal of Apicultural Research</i> , 2017, 56, 328-340.	2.0	20
29	Honey Bee ( <i>Apis mellifera</i> ) Queen Reproductive Potential Affects Queen Mandibular Gland Pheromone Composition and Worker Retinue Response. <i>PLoS ONE</i> , 2016, 11, e0156027.	2.5	29
30	Africanization of a feral honey bee ( <i>Apis mellifera</i> ) population in South Texas: does a decade make a difference?. <i>Ecology and Evolution</i> , 2016, 6, 2158-2169.	1.9	27
31	Local Honey Bee Queen Production and Quality. <i>Bee World</i> , 2016, 93, 30-32.	0.8	2
32	Prevalence of <i>Nosema</i> species in a feral honey bee population: a 20-year survey. <i>Apidologie</i> , 2016, 47, 561-571.	2.0	7
33	Assessing the role of $\beta$ -ocimene in regulating foraging behavior of the honey bee, <i>Apis mellifera</i> . <i>Apidologie</i> , 2016, 47, 135-144.	2.0	16
34	A national survey of managed honey bee 2014-2015 annual colony losses in the USA. <i>Journal of Apicultural Research</i> , 2015, 54, 292-304.	1.5	136
35	The combined effects of miticides on the mating health of honey bee ( <i>Apis mellifera</i> ) queens. <i>Journal of Apicultural Research</i> , 2015, 54, 275-283.	1.5	37
36	Endopolyploidy Changes with Age-Related Polyethism in the Honey Bee, <i>Apis mellifera</i> . <i>PLoS ONE</i> , 2015, 10, e0122208.	2.5	18

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37	The effects of honey bee ( <i>Apis mellifera</i> L.) queen reproductive potential on colony growth. <i>Insectes Sociaux</i> , 2013, 60, 65-73.	1.2	65
38	Survey for <i>Nosema</i> spp. in Belize apiaries. <i>Journal of Apicultural Research</i> , 2013, 52, 62-66.	1.5	3
39	An oligarchy of nest-site scouts triggers a honeybee swarm's departure from the hive. <i>Behavioral Ecology and Sociobiology</i> , 2010, 64, 979-987.	1.4	8
40	Nest-site Defense by Competing Honey Bee Swarms During House-Hunting. <i>Ethology</i> , 2010, 116, 608-618.	1.1	12
41	No intracolony nepotism during colony fissioning in honey bees. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 3895-3900.	2.6	16
42	The signals initiating the mass exodus of a honeybee swarm from its nest. <i>Animal Behaviour</i> , 2008, 76, 1943-1952.	1.9	29
43	Effect of food location and quality on recruitment sounds and success in two stingless bees, <i>Melipona mandacaia</i> and <i>Melipona bicolor</i> . <i>Behavioral Ecology and Sociobiology</i> , 2003, 55, 87-94.	1.4	36
44	The impact of COVID-19 on beekeepers in Texas and Louisiana. <i>Journal of Apicultural Research</i> , 0, , 1-6.	1.5	0