

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
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377865

34
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44
all docs

44
docs citations

44
times ranked

1183
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A national survey of managed honey bee 2015â€“2016 annual colony losses in the USA. Journal of Apicultural Research, 2017, 56, 328-340. | 1.5 | 337 |
| 2 | A national survey of managed honey bee 2014â€“2015 annual colony losses in the USA. Journal of Apicultural Research, 2015, 54, 292-304. | 1.5 | 136 |
| 3 | 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 |
| 4 | The effects of honey bee (<i>Apis mellifera</i> L.) queen reproductive potential on colony growth. Insectes Sociaux, 2013, 60, 65-73. | 1.2 | 65 |
| 5 | The Synergistic Effects of Almond Protection Fungicides on Honey Bee (Hymenoptera: Apidae) Forager Survival. Journal of Economic Entomology, 2017, 110, 802-808. | 1.8 | 48 |
| 6 | Modulation of the honey bee queen microbiota: Effects of early social contact. PLoS ONE, 2018, 13, e0200527. | 2.5 | 43 |
| 7 | Exposure to pesticides during development negatively affects honey bee (<i>Apis mellifera</i>) drone sperm viability. PLoS ONE, 2018, 13, e0208630. | 2.5 | 38 |
| 8 | The combined effects of miticides on the mating health of honey bee (<i>Apis mellifera</i> L.) queens. Journal of Apicultural Research, 2015, 54, 275-283. | 1.5 | 37 |
| 9 | Effect of food location and quality on recruitment sounds and success in two stingless bees, <i>Melipona mandacaia</i> and <i>Melipona bicolor</i> . Behavioral Ecology and Sociobiology, 2003, 55, 87-94. | 1.4 | 36 |
| 10 | Factors affecting the reproductive health of honey bee (<i>Apis mellifera</i>) dronesâ€”a review. Apidologie, 2019, 50, 759-778. | 2.0 | 35 |
| 11 | The signals initiating the mass exodus of a honeybee swarm from its nest. Animal Behaviour, 2008, 76, 1943-1952. | 1.9 | 29 |
| 12 | Honey Bee (<i>Apis mellifera</i>) Queen Reproductive Potential Affects Queen Mandibular Gland Pheromone Composition and Worker Retinue Response. PLoS ONE, 2016, 11, e0156027. | 2.5 | 29 |
| 13 | 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 |
| 14 | Africanization of a feral honey bee (<i>Apis mellifera</i>) population in South Texas: does a decade make a difference?. Ecology and Evolution, 2016, 6, 2158-2169. | 1.9 | 27 |
| 15 | Upregulation of antioxidant genes in the spermathecae of honey bee (<i>Apis mellifera</i>) queens after mating. Apidologie, 2018, 49, 224-234. | 2.0 | 25 |
| 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 | 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 |
| 18 | In-Hive Miticides and their Effect on Queen Supersedure and Colony Growth in the Honey Bee (<i>Apis</i>) | | |

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|----|--|----------|-----------|
| 19 | Determining the minimum number of pollen grains needed for accurate honey bee (<i>Apis mellifera</i>) pollen tube length. <i>Journal of Apiculture</i> , 2019, 10, 1-10. | 0.784314 | 10 |
| 20 | Honey bee (<i>Apis mellifera</i>) larval pheromones may regulate gene expression related to foraging task specialization. <i>BMC Genomics</i> , 2019, 20, 592. | 2.8 | 18 |
| 21 | The detection of honey bee (<i>Apis mellifera</i>)-associated viruses in ants. <i>Scientific Reports</i> , 2020, 10, 2923. | 3.3 | 18 |
| 22 | Endopolyploidy Changes with Age-Related Polyethism in the Honey Bee, <i>Apis mellifera</i>. <i>PLoS ONE</i> , 2015, 10, e0122208. | 2.5 | 18 |
| 23 | 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 |
| 24 | Assessing the role of β -ocimene in regulating foraging behavior of the honey bee, <i>Apis mellifera</i>. <i>Apidologie</i> , 2016, 47, 135-144. | 2.0 | 16 |
| 25 | Transcriptomic analysis of the honey bee (<i>Apis mellifera</i>) queen spermathecae reveals genes that may be involved in sperm storage after mating. <i>PLoS ONE</i> , 2021, 16, e0244648. | 2.5 | 15 |
| 26 | 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>. <i>Journal of Insect Science</i> , 2022, 22, . | 1.5 | 15 |
| 27 | 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 |
| 28 | Nest-Site Defense by Competing Honey Bee Swarms During House-Hunting. <i>Ethology</i> , 2010, 116, 608-618. | 1.1 | 12 |
| 29 | 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. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 991-1003. | 4.3 | 12 |
| 30 | Emerging Themes from the ESA Symposium Entitled "Pollinator Nutrition: Lessons from Bees at Individual to Landscape Levels". <i>Bee World</i> , 2019, 96, 3-9. | 0.8 | 11 |
| 31 | 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. <i>Insects</i> , 2019, 10, 19. | 2.2 | 10 |
| 32 | 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 |
| 33 | 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>. <i>Apidologie</i> , 2020, 51, 802-814. | 2.0 | 8 |
| 34 | 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 |
| 35 | Spatio-Temporal Variation in Viability of Spermatozoa of Honey Bee, <i>Apis mellifera</i>, and Drones in Central Texas Apiaries. <i>Southwestern Entomologist</i> , 2018, 43, 343-356. | 0.2 | 6 |
| 36 | Elevated Mating Frequency in Honey Bee (Hymenoptera: Apidae) Queens Exposed to the Miticide Amitraz During Development. <i>Annals of the Entomological Society of America</i> , 2021, 114, 620-626. | 2.5 | 6 |

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|----|---|-----|-----------|
| 37 | 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, 541-550. | 1.5 | 4 |
| 38 | 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 |
| 39 | Survey for <i>Nosema</i> spp. in Belize apiaries. <i>Journal of Apicultural Research</i> , 2013, 52, 62-66. | 1.5 | 3 |
| 40 | Local Honey Bee Queen Production and Quality. <i>Bee World</i> , 2016, 93, 30-32. | 0.8 | 2 |
| 41 | Pesticide Exposure During Development Does Not Affect the Larval Pheromones, Feeding Rates, or Morphology of Adult Honey Bee (<i>Apis mellifera</i>) Queens. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, . | 2.2 | 2 |
| 42 | Queen Pheromones and Mandibular Gland Dissection. <i>Bee World</i> , 2018, 95, 3-5. | 0.8 | 1 |
| 43 | The 60 th volume of the <i>Journal of Apicultural Research</i> - a look into the past and future. <i>Journal of Apicultural Research</i> , 2021, 60, 639-643. | 1.5 | 0 |
| 44 | The impact of COVID-19 on beekeepers in Texas and Louisiana. <i>Journal of Apicultural Research</i> , 0, , 1-6. | 1.5 | 0 |