# Renee M Borges

List of Publications by Year
in descending order



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|---|---|---|---|
| 86 papers | 1,893 citations | 201674 27 h-index | 315739 38 g-index |
| 88 all docs | 88 docs citations | 88 times ranked | 1918 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Phoresy Involving Insects as Riders or Rides: Life History, Embarkation, and Disembarkation. Annals of the Entomological Society of America, 2022, 115, 219-231. | 2.5 | 5 |
| 2 | Reproducibility and replicability in science: A Sisyphean task. Journal of Biosciences, 2022, 47, 1. | 1.1 | 1 |
| 3 | Keystones to sustain lifeâ€™s diversity. Journal of Biosciences, 2022, 47, . | 1.1 | 0 |
| 4 | Staying in the club: Exploring criteria governing metacommunity membership for obligate symbionts under hostâ€“symbiont feedback. Journal of Theoretical Biology, 2021, 510, 110512. | 1.7 | 1 |
| 5 | Interactions Between Figs and Gall-Inducing Fig Wasps: Adaptations, Constraints, and Unanswered Questions. Frontiers in Ecology and Evolution, 2021, 9, . | 2.2 | 11 |
| 6 | The Scent of Life: Phoretic Nematodes Use Wasp Volatiles and Carbon Dioxide to Choose Functional Vehicles for Dispersal. Journal of Chemical Ecology, 2021, 47, 139-152. | 1.8 | 3 |
| 7 | Hopping on: Conspecific traveller density within a vehicle regulates parasitic hitchhiking between ephemeral microcosms. Journal of Animal Ecology, 2021, 90, 899-908. | 2.8 | 7 |
| 8 | Bi-layered architecture facilitates high strength and ventilation in nest mounds of fungus-farming termites. Scientific Reports, 2020, 10, 13157. | 3.3 | 13 |
| 9 | Nocturnal Bees Feed on Diurnal Leftovers and Pay the Price of Day â€“ Night Lifestyle Transition. Frontiers in Ecology and Evolution, 2020, 8, . | 2.2 | 11 |
| 10 | Moisture alone is sufficient to impart strength but not weathering resistance to termite mound soil. Royal Society Open Science, 2020, 7, 200485. | 2.4 | 9 |
| 11 | Densityâ€dependent fitness effects stabilize parasitic hitchhiking within a mutualism. Functional Ecology, 2019, 33, 2304-2315. | 3.6 | 13 |
| 12 | Why resource history matters: age and oviposition history affect oviposition behaviour in exploiters of a mutualism. Ecological Entomology, 2018, 43, 473-482. | 2.2 | 5 |
| 13 | History Matters: Oviposition Resource Acceptance in an Exploiter of a Nursery Pollination Mutualism. Journal of Chemical Ecology, 2018, 44, 18-28. | 1.8 | 7 |
| 14 | Hostâ€“parasitoid development and survival strategies in a non-pollinating fig wasp community. Acta Oecologica, 2018, 90, 60-68. | 1.1 | 13 |
| 15 | Covariation and phenotypic integration in chemical communication displays: biosynthetic constraints and ecoâ€evolutionary implications. New Phytologist, 2018, 220, 739-749. | 7.3 | 101 |
| 16 | A fig tree in a concrete jungle: fine-scale population genetic structure of the cluster fig Ficus racemosa in an urban environment. Urban Ecosystems, 2018, 21, 171-181. | 2.4 | 4 |
| 17 | Dynamic environments of fungusâ€farming termite mounds exert growthâ€modulating effects on fungal crop parasites. Environmental Microbiology, 2018, 20, 971-979. | 3.8 | 15 |
| 18 | Resource dispersion influences dispersal evolution of highly insulated insect communities. Biology Letters, 2018, 14, 20180111. | 2.3 | 7 |

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|---|---|---|---|
| 19 | Local hypoxia generated by live burial is effective in weed control within termite fungus farms. Insectes Sociaux, 2018, 65, 561-569. | 1.2 | 8 |
| 20 | The Galling Truth: Limited Knowledge of Gall-Associated Volatiles in Multitrophic Interactions. Frontiers in Plant Science, 2018, 9, 1139. | 3.6 | 16 |
| 21 | Fifty years later, figs and their associated communities. Acta Oecologica, 2018, 90, 1-3. | 1.1 | 2 |
| 22 | The insect ovipositor as a volatile sensor within a closed microcosm. Journal of Experimental Biology, 2017, 220, 1554-1557. | 1.7 | 15 |
| 23 | Sex and diversity: The mutualistic and parasitic fungi of a fungus-growing termite differ in genetic diversity and reproductive strategy. Fungal Ecology, 2017, 26, 20-27. | 1.6 | 6 |
| 24 | Cauline domatia of the ant-plant Humboldtia brunonis (Fabaceae). Flora: Morphology, Distribution, Functional Ecology of Plants, 2017, 236-237, 58-66. | 1.2 | 2 |
| 25 | Fungus-Farming Termites Selectively Bury Weedy Fungi that Smell Different from Crop Fungi. Journal of Chemical Ecology, 2017, 43, 986-995. | 1.8 | 23 |
| 26 | Co-niche construction between hosts and symbionts: ideas and evidence. Journal of Genetics, 2017, 96, 483-489. | 0.7 | 26 |
| 27 | Building mud castles: a perspective from brick-laying termites. Scientific Reports, 2017, 7, 4692. | 3.3 | 38 |
| 28 | Life-history strategy, resource dispersion and phylogenetic associations shape dispersal of a fig wasp community. Movement Ecology, 2017, 5, 25. | 2.8 | 10 |
| 29 | On the Air: Broadcasting and Reception of Volatile Messages in Brood-Site Pollination Mutualisms. Signaling and Communication in Plants, 2016, , 227-255. | 0.7 | 9 |
| 30 | Effect of biocementation on the strength and stability of termite mounds. Environmental Geotechnics, 2016, 3, 99-113. | 2.3 | 41 |
| 31 | Patterns and Processes in Nocturnal and Crepuscular Pollination Services. Quarterly Review of Biology, 2016, 91, 389-418. | 0.1 | 56 |
| 32 | How to be a fig wasp parasite on the figâ€“fig wasp mutualism. Current Opinion in Insect Science, 2015, 8, 34-40. | 4.4 | 55 |
| 33 | A coat of many scents: Cuticular hydrocarbons in multitrophic interactions of fig wasps with ants. Acta Oecologica, 2015, 67, 24-33. | 1.1 | 7 |
| 34 | Plant reproductive traits mediate tritrophic feedback effects within an obligate brood-site pollination mutualism. Oecologia, 2015, 179, 797-809. | 2.0 | 10 |
| 35 | Foliar Extrafloral Nectar of Humboldtia brunonis (Fabaceae), a Paleotropic Antâ€plant, is Richer than Phloem Sap and More Attractive than Honeydew. Biotropica, 2015, 47, 1-5. | 1.6 | 12 |
| 36 | High Temperatures Result in Smaller Nurseries which Lower Reproduction of Pollinators and Parasites in a Brood Site Pollination Mutualism. PLoS ONE, 2014, 9, e115118. | 2.5 | 11 |

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|---|---|---|---|
| 37 | Context dependency of rewards and services in an Indian antâ€“plant interaction: southern sites favour the mutualism between plants and ants. Journal of Tropical Ecology, 2014, 30, 219-229. | 1.1 | 6 |
| 38 | Finding hidden females in a crowd: Mate recognition in fig wasps. Acta Oecologica, 2014, 57, 80-87. | 1.1 | 5 |
| 39 | Nutritional benefits from domatia inhabitants in an antâ€“plant interaction: interlopers do pay the rent. Functional Ecology, 2014, 28, 1107-1116. | 3.6 | 18 |
| 40 | Parasites exert conflicting selection pressures to affect reproductive asynchrony of their host plant in an obligate pollination mutualism. Journal of Ecology, 2014, 102, 1329-1340. | 4.0 | 17 |
| 41 | Divvying up an incubator: How parasitic and mutualistic fig wasps use space within their nursery microcosm. Arthropod-Plant Interactions, 2014, 8, 191-203. | 1.1 | 23 |
| 42 | Diel Variation in Fig Volatiles Across Syconium Development: Making Sense of Scents. Journal of Chemical Ecology, 2013, 39, 630-642. | 1.8 | 38 |
| 43 | Composition of Extrafloral Nectar Influences Interactions between the Myrmecophyte Humboldtia brunonis and its Ant Associates. Journal of Chemical Ecology, 2012, 38, 88-99. | 1.8 | 30 |
| 44 | When should fig fruit produce volatiles? Pattern in a ripening process. Acta Oecologica, 2011, 37, 611-618. | 1.1 | 25 |
| 45 | Nature's Swiss Army Knives: Ovipositor Structure Mirrors Ecology in a Multitrophic Fig Wasp Community. PLoS ONE, 2011, 6, e23642. | 2.5 | 40 |
| 46 | Fine-scale Population Genetic Structure of Two Dioecious Indian Keystone Species, Ficus hispida and Ficus exasperata (Moraceae). Biotropica, 2011, 43, 309-316. | 1.6 | 25 |
| 47 | To transform or not to transform. Plant Signaling and Behavior, 2011, 6, 113-116. | 2.4 | 37 |
| 48 | Genetic and clonal diversity of the endemic ant-plant Humboldtia brunonis (Fabaceae) in the Western Ghats of India. Journal of Biosciences, 2010, 35, 267-279. | 1.1 | 8 |
| 49 | Temporal associations in figâ€“waspâ€“ant interactions: diel and phenological patterns. Entomologia Experimentalis Et Applicata, 2010, 137, 50-61. | 1.4 | 29 |
| 50 | A hitchhikerâ€™s guide to a crowded syconium: how do fig nematodes find the right ride?. Functional Ecology, 2010, 24, 741-749. | 3.6 | 48 |
| 51 | Comparative lifeâ€history traits in a fig wasp community: implications for community structure. Ecological Entomology, 2010, 35, 139-148. | 2.2 | 61 |
| 52 | Resolution and sensitivity of the eyes of the Asian honeybees Apis florea, Apis cerana and Apis dorsata. Journal of Experimental Biology, 2009, 212, 2448-2453. | 1.7 | 46 |
| 53 | Predatory and trophobiont-tending ants respond differently to fig and fig wasp volatiles. Animal Behaviour, 2009, 77, 1539-1545. | 1.9 | 32 |
| 54 | Of pungency, pain, and naked mole rats: chili peppers revisited. Journal of Biosciences, 2009, 34, 349-351. | 1.1 | 1 |

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| 55 | Phenotypic plasticity and longevity in plants and animals: cause and effect?. Journal of Biosciences, 2009, 34, 605-611. | 1.1 | 30 |
| 56 | Revolutions in evolutionary thought: Darwin and after. Resonance, 2009, 14, 102-123. | 0.3 | 0 |
| 57 | Perception of ultraviolet light by crab spiders and its role in selection of hunting sites. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2009, 195, 409-417. | 1.6 | 20 |
| 58 | Visual ecology of Indian carpenter bees II: adaptations of eyes and ocelli to nocturnal and diurnal lifestyles. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2009, 195, 571-583. | 1.6 | 87 |
| 59 | Visual ecology of Indian carpenter bees I: Light intensities and flight activity. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2008, 194, 97-107. | 1.6 | 66 |
| 60 | The chemical ecology of seed dispersal in monoecious and dioecious figs. Functional Ecology, 2008, 22, 484-493. | 3.6 | 73 |
| 61 | Commentary: The objection is sustained: a defence of the defense of beanbag genetics. International Journal of Epidemiology, 2008, 37, 451-454. | 1.9 | 4 |
| 62 | Plasticity comparisons between plants and animals. Plant Signaling and Behavior, 2008, 3, 367-375. | 2.4 | 39 |
| 63 | Chemical mediation and niche partitioning in non-pollinating fig-wasp communities. Journal of Animal Ecology, 2007, 76, 296-303. | 2.8 | 63 |
| 64 | A novel mutualism between an ant-plant and its resident pollinator. Die Naturwissenschaften, 2007, 95, 61-65. | 1.6 | 11 |
| 65 | Male Ant-mimicking Salticid Spiders Discriminate Between Retreat Silks of Sympatric Females: Implications for Pre-mating Reproductive Isolation. Journal of Insect Behavior, 2007, 20, 389-402. | 0.7 | 9 |
| 66 | Complex interactions on fig trees: ants capturing parasitic wasps as possible indirect mutualists of the fig-fig wasp interaction. Oikos, 2006, 113, 344-352. | 2.7 | 33 |
| 67 | Co-existence of ants and an arboreal earthworm in a myrmecophyte of the Indian Western Ghats: anti-predation effect of the earthworm mucus. Journal of Tropical Ecology, 2006, 22, 341-344. | 1.1 | 17 |
| 68 | Pictures at an exhibition: Bees view Van Goghâ€™sSunflowers. Journal of Biosciences, 2006, 31, 503-505. | 1.1 | 0 |
| 69 | The fitness consequences of bearing domatia and having the right ant partner: experiments with protective and non-protective ants in a semi-myrmecophyte. Oecologia, 2005, 145, 76-86. | 2.0 | 44 |
| 70 | Do plants and animals differ in phenotypic plasticity?. Journal of Biosciences, 2005, 30, 41-50. | 1.1 | 30 |
| 71 | Polemics and synthesis: Ernst Mayr and evolutionary biology. Resonance, 2005, 10, 21-33. | 0.3 | 1 |
| 72 | Does Neighborhood Floral Display Matter? Fruit Set in Carpenter Bee-pollinated Heterophragma quadriloculare and Beetle-pollinated Lasiosiphon eriocephalus1. Biotropica, 2004, 36, 139. | 1.6 | 3 |

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| 73 | Does Neighborhood Floral Display Matter? Fruit Set in Carpenter Bee-pollinated Heterophragma quadriloculare and Beetle-pollinated Lasiosiphon eriocephalus. Biotropica, 2004, 36, 139-147. | 1.6 | 22 |
| 74 | Butterfly pollination and high-contrast visual signals in a low-density distylous plant. Oecologia, 2003, 136, 571-573. | 2.0 | 54 |
| 75 | Phenolics, fibre, alkaloids, saponins, and cyanogenic glycosides in a seasonal cloud forest in India. Biochemical Systematics and Ecology, 2003, 31, 1221-1246. | 1.3 | 38 |
| 76 | Stephen Jay Gould: A view of life 1941â€“2002. Resonance, 2002, 7, 2-5. | 0.3 | 0 |
| 77 | Warring ants: Lessons from Lanchesterâ€™s laws of combat?. Journal of Biosciences, 2002, 27, 75-78. | 1.1 | 5 |
| 78 | Ant and human farmers face similar problems. Journal of Biosciences, 2001, 26, 121-122. | 1.1 | 0 |
| 79 | Why are chillies pungent?. Journal of Biosciences, 2001, 26, 289-291. | 1.1 | 7 |
| 80 | Nocturnal Pollination by the Carpenter Bee Xylocopa tenuiscapa (Apidae) and the Effect of Floral Display on Fruit Set of Heterophragma quadriloculare (Bignoniaceae) in India1. Biotropica, 2001, 33, 78-89. | 1.6 | 47 |
| 81 | Feverish honeybees. Journal of Biosciences, 2000, 25, 215-216. | 1.1 | 1 |
| 82 | Clipboard. Journal of Biosciences, 2000, 25, 121-124. | 1.1 | 2 |
| 83 | Influence of exploitation on population structure, spatial distribution and reproductive success of dioecious species in a fragmented cloud forest in India. Biological Conservation, 2000, 94, 243-256. | 4.1 | 67 |
| 84 | CpG-containing oligodeoxynucleotides as new generation adjuvants in DNA and protein vaccines. Journal of Biosciences, 1998, 23, 164-167. | 1.1 | 1 |
| 85 | Figs, Malabar Giant Squirrels, and Fruit Shortages Within Two Tropical Indian Forests. Biotropica, 1993, 25, 183. | 1.6 | 35 |
| 86 | Geographical variation in an ant-plant interaction correlates with domatia occupancy, local ant diversity, and interlopers. Biological Journal of the Linnean Society, 0, 100, 538-551. | 1.6 | 14 |