

Renee M Borges

List of Publications by Year in descending order

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Version: 2024-02-01

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	Covariation and phenotypic integration in chemical communication displays: biosynthetic constraints and eco-evolutionary implications. <i>New Phytologist</i> , 2018, 220, 739-749.	7.3	101
2	Visual ecology of Indian carpenter bees II: adaptations of eyes and ocelli to nocturnal and diurnal lifestyles. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2009, 195, 571-583.	1.6	87
3	The chemical ecology of seed dispersal in monoecious and dioecious figs. <i>Functional Ecology</i> , 2008, 22, 484-493.	3.6	73
4	Influence of exploitation on population structure, spatial distribution and reproductive success of dioecious species in a fragmented cloud forest in India. <i>Biological Conservation</i> , 2000, 94, 243-256.	4.1	67
5	Visual ecology of Indian carpenter bees I: Light intensities and flight activity. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2008, 194, 97-107.	1.6	66
6	Chemical mediation and niche partitioning in non-pollinating fig-wasp communities. <i>Journal of Animal Ecology</i> , 2007, 76, 296-303.	2.8	63
7	Comparative life-history traits in a fig wasp community: implications for community structure. <i>Ecological Entomology</i> , 2010, 35, 139-148.	2.2	61
8	Patterns and Processes in Nocturnal and Crepuscular Pollination Services. <i>Quarterly Review of Biology</i> , 2016, 91, 389-418.	0.1	56
9	How to be a fig wasp parasite on the fig—fig wasp mutualism. <i>Current Opinion in Insect Science</i> , 2015, 8, 34-40.	4.4	55
10	Butterfly pollination and high-contrast visual signals in a low-density distylous plant. <i>Oecologia</i> , 2003, 136, 571-573.	2.0	54
11	A hitchhiker's guide to a crowded syconium: how do fig nematodes find the right ride?. <i>Functional Ecology</i> , 2010, 24, 741-749.	3.6	48
12	Nocturnal Pollination by the Carpenter Bee <i>Xylocopa tenuiscapa</i> (Apidae) and the Effect of Floral Display on Fruit Set of <i>Heterophragma quadriloculare</i> (Bignoniaceae) in India. <i>Biotropica</i> , 2001, 33, 78-89.	1.6	47
13	Resolution and sensitivity of the eyes of the Asian honeybees <i>Apis florea</i> , <i>Apis cerana</i> and <i>Apis dorsata</i> . <i>Journal of Experimental Biology</i> , 2009, 212, 2448-2453.	1.7	46
14	The fitness consequences of bearing domatia and having the right ant partner: experiments with protective and non-protective ants in a semi-myrmecophyte. <i>Oecologia</i> , 2005, 145, 76-86.	2.0	44
15	Effect of biocementation on the strength and stability of termite mounds. <i>Environmental Geotechnics</i> , 2016, 3, 99-113.	2.3	41
16	Nature's Swiss Army Knives: Ovipositor Structure Mirrors Ecology in a Multitrophic Fig Wasp Community. <i>PLoS ONE</i> , 2011, 6, e23642.	2.5	40
17	Plasticity comparisons between plants and animals. <i>Plant Signaling and Behavior</i> , 2008, 3, 367-375.	2.4	39
18	Phenolics, fibre, alkaloids, saponins, and cyanogenic glycosides in a seasonal cloud forest in India. <i>Biochemical Systematics and Ecology</i> , 2003, 31, 1221-1246.	1.3	38

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19	Diel Variation in Fig Volatiles Across Syconium Development: Making Sense of Scents. <i>Journal of Chemical Ecology</i> , 2013, 39, 630-642.	1.8	38
20	Building mud castles: a perspective from brick-laying termites. <i>Scientific Reports</i> , 2017, 7, 4692.	3.3	38
21	To transform or not to transform. <i>Plant Signaling and Behavior</i> , 2011, 6, 113-116.	2.4	37
22	Figs, Malabar Giant Squirrels, and Fruit Shortages Within Two Tropical Indian Forests. <i>Biotropica</i> , 1993, 25, 183.	1.6	35
23	Complex interactions on fig trees: ants capturing parasitic wasps as possible indirect mutualists of the fig-fig wasp interaction. <i>Oikos</i> , 2006, 113, 344-352.	2.7	33
24	Predatory and trophobiont-tending ants respond differently to fig and fig wasp volatiles. <i>Animal Behaviour</i> , 2009, 77, 1539-1545.	1.9	32
25	Do plants and animals differ in phenotypic plasticity?. <i>Journal of Biosciences</i> , 2005, 30, 41-50.	1.1	30
26	Phenotypic plasticity and longevity in plants and animals: cause and effect?. <i>Journal of Biosciences</i> , 2009, 34, 605-611.	1.1	30
27	Composition of Extrafloral Nectar Influences Interactions between the Myrmecophyte <i>Humboldtia brunonis</i> and its Ant Associates. <i>Journal of Chemical Ecology</i> , 2012, 38, 88-99.	1.8	30
28	Temporal associations in fig-wasp-ant interactions: diel and phenological patterns. <i>Entomologia Experimentalis Et Applicata</i> , 2010, 137, 50-61.	1.4	29
29	Co-niche construction between hosts and symbionts: ideas and evidence. <i>Journal of Genetics</i> , 2017, 96, 483-489.	0.7	26
30	When should fig fruit produce volatiles? Pattern in a ripening process. <i>Acta Oecologica</i> , 2011, 37, 611-618.	1.1	25
31	Fine-scale Population Genetic Structure of Two Dioecious Indian Keystone Species, <i>Ficus hispida</i> and <i>Ficus exasperata</i> (Moraceae). <i>Biotropica</i> , 2011, 43, 309-316.	1.6	25
32	Divvying up an incubator: How parasitic and mutualistic fig wasps use space within their nursery microcosm. <i>Arthropod-Plant Interactions</i> , 2014, 8, 191-203.	1.1	23
33	Fungus-Farming Termites Selectively Bury Weedy Fungi that Smell Different from Crop Fungi. <i>Journal of Chemical Ecology</i> , 2017, 43, 986-995.	1.8	23
34	Does Neighborhood Floral Display Matter? Fruit Set in Carpenter Bee-pollinated <i>Heterophragma quadriloculare</i> and Beetle-pollinated <i>Lasiosiphon eriocephalus</i> . <i>Biotropica</i> , 2004, 36, 139-147.	1.6	22
35	Perception of ultraviolet light by crab spiders and its role in selection of hunting sites. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2009, 195, 409-417.	1.6	20
36	Nutritional benefits from domatia inhabitants in an ant-plant interaction: interlopers do pay the rent. <i>Functional Ecology</i> , 2014, 28, 1107-1116.	3.6	18

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37	Co-existence of ants and an arboreal earthworm in a myrmecophyte of the Indian Western Ghats: anti-predation effect of the earthworm mucus. <i>Journal of Tropical Ecology</i> , 2006, 22, 341-344.	1.1	17
38	Parasites exert conflicting selection pressures to affect reproductive asynchrony of their host plant in an obligate pollination mutualism. <i>Journal of Ecology</i> , 2014, 102, 1329-1340.	4.0	17
39	The Galling Truth: Limited Knowledge of Gall-Associated Volatiles in Multitrophic Interactions. <i>Frontiers in Plant Science</i> , 2018, 9, 1139.	3.6	16
40	The insect ovipositor as a volatile sensor within a closed microcosm. <i>Journal of Experimental Biology</i> , 2017, 220, 1554-1557.	1.7	15
41	Dynamic environments of fungus-farming termite mounds exert growth-modulating effects on fungal crop parasites. <i>Environmental Microbiology</i> , 2018, 20, 971-979.	3.8	15
42	Geographical variation in an ant-plant interaction correlates with domatia occupancy, local ant diversity, and interlopers. <i>Biological Journal of the Linnean Society</i> , 0, 100, 538-551.	1.6	14
43	Host-parasitoid development and survival strategies in a non-pollinating fig wasp community. <i>Acta Oecologica</i> , 2018, 90, 60-68.	1.1	13
44	Density-dependent fitness effects stabilize parasitic hitchhiking within a mutualism. <i>Functional Ecology</i> , 2019, 33, 2304-2315.	3.6	13
45	Bi-layered architecture facilitates high strength and ventilation in nest mounds of fungus-farming termites. <i>Scientific Reports</i> , 2020, 10, 13157.	3.3	13
46	Foliar Extrafloral Nectar of <i>Humboldtia brunonis</i> (Fabaceae), a Paleotropic Ant-plant, is Richer than Phloem Sap and More Attractive than Honeydew. <i>Biotropica</i> , 2015, 47, 1-5.	1.6	12
47	A novel mutualism between an ant-plant and its resident pollinator. <i>Die Naturwissenschaften</i> , 2007, 95, 61-65.	1.6	11
48	High Temperatures Result in Smaller Nurseries which Lower Reproduction of Pollinators and Parasites in a Brood Site Pollination Mutualism. <i>PLoS ONE</i> , 2014, 9, e115118.	2.5	11
49	Nocturnal Bees Feed on Diurnal Leftovers and Pay the Price of Day " Night Lifestyle Transition. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	11
50	Interactions Between Figs and Gall-Inducing Fig Wasps: Adaptations, Constraints, and Unanswered Questions. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	11
51	Plant reproductive traits mediate tritrophic feedback effects within an obligate brood-site pollination mutualism. <i>Oecologia</i> , 2015, 179, 797-809.	2.0	10
52	Life-history strategy, resource dispersion and phylogenetic associations shape dispersal of a fig wasp community. <i>Movement Ecology</i> , 2017, 5, 25.	2.8	10
53	Male Ant-mimicking Salticid Spiders Discriminate Between Retreat Silks of Sympatric Females: Implications for Pre-mating Reproductive Isolation. <i>Journal of Insect Behavior</i> , 2007, 20, 389-402.	0.7	9
54	On the Air: Broadcasting and Reception of Volatile Messages in Brood-Site Pollination Mutualisms. <i>Signaling and Communication in Plants</i> , 2016, , 227-255.	0.7	9

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55	Moisture alone is sufficient to impart strength but not weathering resistance to termite mound soil. <i>Royal Society Open Science</i> , 2020, 7, 200485.	2.4	9
56	Genetic and clonal diversity of the endemic ant-plant <i>Humboldtia brunonis</i> (Fabaceae) in the Western Ghats of India. <i>Journal of Biosciences</i> , 2010, 35, 267-279.	1.1	8
57	Local hypoxia generated by live burial is effective in weed control within termite fungus farms. <i>Insectes Sociaux</i> , 2018, 65, 561-569.	1.2	8
58	Why are chillies pungent?. <i>Journal of Biosciences</i> , 2001, 26, 289-291.	1.1	7
59	A coat of many scents: Cuticular hydrocarbons in multitrophic interactions of fig wasps with ants. <i>Acta Oecologica</i> , 2015, 67, 24-33.	1.1	7
60	History Matters: Oviposition Resource Acceptance in an Exploiter of a Nursery Pollination Mutualism. <i>Journal of Chemical Ecology</i> , 2018, 44, 18-28.	1.8	7
61	Resource dispersion influences dispersal evolution of highly insulated insect communities. <i>Biology Letters</i> , 2018, 14, 20180111.	2.3	7
62	Hopping on: Conspecific traveller density within a vehicle regulates parasitic hitchhiking between ephemeral microcosms. <i>Journal of Animal Ecology</i> , 2021, 90, 899-908.	2.8	7
63	Context dependency of rewards and services in an Indian ant-plant interaction: southern sites favour the mutualism between plants and ants. <i>Journal of Tropical Ecology</i> , 2014, 30, 219-229.	1.1	6
64	Sex and diversity: The mutualistic and parasitic fungi of a fungus-growing termite differ in genetic diversity and reproductive strategy. <i>Fungal Ecology</i> , 2017, 26, 20-27.	1.6	6
65	Warring ants: Lessons from Lanchester's laws of combat?. <i>Journal of Biosciences</i> , 2002, 27, 75-78.	1.1	5
66	Finding hidden females in a crowd: Mate recognition in fig wasps. <i>Acta Oecologica</i> , 2014, 57, 80-87.	1.1	5
67	Why resource history matters: age and oviposition history affect oviposition behaviour in exploiters of a mutualism. <i>Ecological Entomology</i> , 2018, 43, 473-482.	2.2	5
68	Phoresy Involving Insects as Riders or Rides: Life History, Embarkation, and Disembarkation. <i>Annals of the Entomological Society of America</i> , 2022, 115, 219-231.	2.5	5
69	Commentary: The objection is sustained: a defence of the defense of beanbag genetics. <i>International Journal of Epidemiology</i> , 2008, 37, 451-454.	1.9	4
70	A fig tree in a concrete jungle: fine-scale population genetic structure of the cluster fig <i>Ficus racemosa</i> in an urban environment. <i>Urban Ecosystems</i> , 2018, 21, 171-181.	2.4	4
71	Does Neighborhood Floral Display Matter? Fruit Set in Carpenter Bee-pollinated <i>Heterophragma quadriloculare</i> and Beetle-pollinated <i>Lasiosiphon eriocephalus</i> 1. <i>Biotropica</i> , 2004, 36, 139.	1.6	3
72	The Scent of Life: Phoretic Nematodes Use Wasp Volatiles and Carbon Dioxide to Choose Functional Vehicles for Dispersal. <i>Journal of Chemical Ecology</i> , 2021, 47, 139-152.	1.8	3

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73	Clipboard. <i>Journal of Biosciences</i> , 2000, 25, 121-124.	1.1	2
74	Cauline domatia of the ant-plant <i>Humboldtia brunonis</i> (Fabaceae). <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2017, 236-237, 58-66.	1.2	2
75	Fifty years later, figs and their associated communities. <i>Acta Oecologica</i> , 2018, 90, 1-3.	1.1	2
76	CpG-containing oligodeoxynucleotides as new generation adjuvants in DNA and protein vaccines. <i>Journal of Biosciences</i> , 1998, 23, 164-167.	1.1	1
77	Feverish honeybees. <i>Journal of Biosciences</i> , 2000, 25, 215-216.	1.1	1
78	Polemics and synthesis: Ernst Mayr and evolutionary biology. <i>Resonance</i> , 2005, 10, 21-33.	0.3	1
79	Of pungency, pain, and naked mole rats: chili peppers revisited. <i>Journal of Biosciences</i> , 2009, 34, 349-351.	1.1	1
80	Staying in the club: Exploring criteria governing metacommunity membership for obligate symbionts under host-symbiont feedback. <i>Journal of Theoretical Biology</i> , 2021, 510, 110512.	1.7	1
81	Reproducibility and replicability in science: A Sisyphean task. <i>Journal of Biosciences</i> , 2022, 47, 1.	1.1	1
82	Ant and human farmers face similar problems. <i>Journal of Biosciences</i> , 2001, 26, 121-122.	1.1	0
83	Stephen Jay Gould: A view of life 1941-2002. <i>Resonance</i> , 2002, 7, 2-5.	0.3	0
84	Pictures at an exhibition: Bees view Van Gogh's Sunflowers. <i>Journal of Biosciences</i> , 2006, 31, 503-505.	1.1	0
85	Revolutions in evolutionary thought: Darwin and after. <i>Resonance</i> , 2009, 14, 102-123.	0.3	0
86	Keystones to sustain life's diversity. <i>Journal of Biosciences</i> , 2022, 47, .	1.1	0