

Maydianne C B Andrade

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

2,192
citations

185998

28
h-index

233125

45
g-index

59
all docs

59
docs citations

59
times ranked

1290
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment during aggressive contests between male jumping spiders. <i>Animal Behaviour</i> , 2008, 76, 901-910.	0.8	134
2	SPATIAL AND TEMPORAL DEMOGRAPHIC VARIATION DRIVES WITHIN-SEASON FLUCTUATIONS IN SEXUAL SELECTION. <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 2316-2325.	1.1	113
3	Risky mate search and mate preference in the golden orb-web spider (<i>Nephila plumipes</i>). <i>Behavioral Ecology</i> , 2007, 18, 189-195.	1.0	112
4	Value of male remating and functional sterility in redback spiders. <i>Animal Behaviour</i> , 2002, 63, 857-870.	0.8	103
5	Female hunger can explain variation in cannibalistic behavior despite male sacrifice in redback spiders. <i>Behavioral Ecology</i> , 1998, 9, 33-42.	1.0	96
6	Multiple sperm storage organs facilitate female control of paternity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 1139-1144.	1.2	92
7	Pattern of sperm transfer in redback spiders: implications for sperm competition and male sacrifice. <i>Behavioral Ecology</i> , 2004, 15, 785-792.	1.0	87
8	Males assess chemical signals to discriminate just-mated females from virgins in redback spiders. <i>Animal Behaviour</i> , 2007, 74, 1669-1674.	0.8	85
9	FEMALE CHOICE FOR AN INDICATOR OF MALE SIZE IN THE SONG OF THE BLACK-HORNED TREE CRICKET, <i>OECANTHUS NIGRICORNIS</i> (ORTHOPTERA: GRILLIDAE: OECANTHINAE). <i>Evolution; International Journal of Organic Evolution</i> , 1996, 50, 2400-2411.	1.1	82
10	Terminal Investment Strategies and Male Mate choice: Extreme Tests of Bateman. <i>Integrative and Comparative Biology</i> , 2005, 45, 838-847.	0.9	82
11	Examination of prior contest experience and the retention of winner and loser effects. <i>Behavioral Ecology</i> , 2010, 21, 404-409.	1.0	78
12	Discrimination of airborne pheromones by mate-searching male western black widow spiders (<i>Latrodectus hesperus</i>): species- and population-specific responses. <i>Canadian Journal of Zoology</i> , 2004, 82, 1027-1034.	0.4	77
13	Male development tracks rapidly shifting sexual versus natural selection pressures. <i>Current Biology</i> , 2006, 16, R242-R243.	1.8	73
14	High resource valuation fuels "desperado" fighting tactics in female jumping spiders. <i>Behavioral Ecology</i> , 2010, 21, 868-875.	1.0	64
15	Taxonomic bias in animal behaviour publications. <i>Animal Behaviour</i> , 2017, 127, 83-89.	0.8	62
16	Broken Copulatory Organs are Low-Cost Adaptations to Sperm Competition in Redback Spiders. <i>Ethology</i> , 2006, 112, 379-389.	0.5	59
17	Contact pheromones mediate male preference in black widow spiders: avoidance of hungry sexual cannibals?. <i>Animal Behaviour</i> , 2015, 102, 25-32.	0.8	44
18	Strong, convergent male mate choice along two preference axes in field populations of black widow spiders. <i>Animal Behaviour</i> , 2014, 89, 163-169.	0.8	42

#	ARTICLE	IF	CITATIONS
19	Testing the gravity hypothesis of sexual size dimorphism: are small males faster climbers?. <i>Functional Ecology</i> , 2007, 21, 379-385.	1.7	39
20	Vibratory communication in the jumping spider <i>Phidippus clarus</i> : polyandry, male courtship signals, and mating success. <i>Behavioral Ecology</i> , 2010, 21, 1308-1314.	1.0	39
21	Experience affects the outcome of agonistic contests without affecting the selective advantage of size. <i>Animal Behaviour</i> , 2009, 77, 1533-1538.	0.8	38
22	Evidence for developmental plasticity in response to demographic variation in nature. <i>Ecology</i> , 2009, 90, 2287-2296.	1.5	36
23	Acylated Serine Derivatives: A Unique Class of Arthropod Pheromones of the Australian Redback Spider, <i>Latrodectus hasselti</i> . <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2037-2040.	7.2	36
24	Dynamic Population Structure and the Evolution of Spider Mating Systems. <i>Advances in Insect Physiology</i> , 2011, 41, 65-114.	1.1	36
25	Vibratory Communication in the Jumping Spider <i>Phidippus clarus</i> : Substrate-borne Courtship Signals are Important for Male Mating Success. <i>Ethology</i> , 2010, 116, 990-998.	0.5	35
26	Copulation with immature females increases male fitness in cannibalistic widow spiders. <i>Biology Letters</i> , 2016, 12, 20160516.	1.0	34
27	Mate-guarding courtship behaviour: tactics in a changing world. <i>Animal Behaviour</i> , 2014, 97, 25-33.	0.8	31
28	Body condition but not dietary restriction prolongs lifespan in a semelparous capital breeder. <i>Biology Letters</i> , 2009, 5, 636-638.	1.0	30
29	Title is missing!. , 2000, 13, 483-497.		29
30	The relative importance of RHP and resource quality in contests with ownership asymmetries. <i>Behavioral Ecology</i> , 2011, 22, 39-45.	1.0	29
31	Novel male trait prolongs survival in suicidal mating. <i>Biology Letters</i> , 2005, 1, 276-279.	1.0	28
32	Longevity cost of remaining unmated under dietary restriction. <i>Functional Ecology</i> , 2010, 24, 1270-1280.	1.7	26
33	A review of the mechanisms and functional roles of male silk use in spider courtship and mating. <i>Journal of Arachnology</i> , 2018, 46, 173-206.	0.3	25
34	Rapid response to intraclonal selection in the pea aphid (<i>Acyrtosiphon pisum</i>). <i>Evolutionary Ecology</i> , 1995, 9, 397-410.	0.5	23
35	Developmental plasticity in metabolic rates reinforces morphological plasticity in response to social cues of sexual selection. <i>Journal of Insect Physiology</i> , 2012, 58, 985-990.	0.9	19
36	Sibling cannibalism in a web-building spider: Effects of density and shared environment. <i>Behavioural Processes</i> , 2014, 106, 12-16.	0.5	16

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37	Potential for CFC in Black Widows (Genus <i>Latrodectus</i>): Mechanisms and Social Context. , 2015, , 27-53.		16
38	Male black widows parasitize mate-searching effort of rivals to find females faster. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191470.	1.2	15
39	Family Affects Sibling Cannibalism in the Black Widow Spider, <i>Latrodectus hesperus</i> . Ethology, 2010, 116, 770-777.	0.5	13
40	Mating system does not predict permanent sperm depletion in black widow spiders. Evolution & Development, 2013, 15, 205-212.	1.1	12
41	What is the matter with the gravity hypothesis?. Functional Ecology, 2007, 21, 1182-1183.	1.7	11
42	Neutral fitness outcomes contradict inferences of sexual "coercion" derived from male's damaging mating tactic in a widow spider. Scientific Reports, 2017, 7, 17322.	1.6	9
43	Natural Compounds as Spider Repellents: Fact or Myth?. Journal of Economic Entomology, 2018, 111, 314-318.	0.8	9
44	Sexual selection and social context: Web-building spiders as emerging models for adaptive plasticity. Advances in the Study of Behavior, 2019, 51, 177-250.	1.0	9
45	Behavioural, morphological, and life history shifts during invasive spread. Biological Invasions, 2021, 23, 3497-3511.	1.2	9
46	Black widows as plastic wallflowers: female choosiness increases with indicators of high mate availability in a natural population. Scientific Reports, 2020, 10, 8981.	1.6	8
47	Metabolic efficiency in courtship favors males with intermediate mass in the Australian redback spider, <i>Latrodectus hasselti</i> . Journal of Insect Physiology, 2015, 72, 35-42.	0.9	6
48	Male responses suggest both evolutionary conservation and rapid change in chemical cues of female widow spiders. Animal Behaviour, 2019, 157, 61-68.	0.8	6
49	Immature mating as a tactic of polygynous male western widow spiders. Die Naturwissenschaften, 2020, 107, 6.	0.6	6
50	Dispersal and life history of brown widow spiders in dated invasive populations on two continents. Animal Behaviour, 2022, 186, 207-217.	0.8	6
51	Subtle pedipalp dimorphism: a reliable method for sexing juvenile spiders. Journal of Arachnology, 2008, 36, 513-517.	0.3	5
52	Mating and egg-laying behavior of <i>Hasarius adansonii</i> (Araneae: Salticidae) and the influence of sexual selection. Journal of Arachnology, 2018, 46, 398-403.	0.3	5
53	Individual preference functions exist without overall preference in a tropical jumping spider. Animal Behaviour, 2020, 160, 43-51.	0.8	4
54	Seasonal variation in sexual behavior and web aggregation in a little-known long-jawed spider (<i>Tetragnatha straminea</i>) (Araneae: Tetragnathidae). Journal of Arachnology, 2019, 47, 28.	0.3	3

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55	Testing the differential cost assumption of the handicap hypothesis with a tropical jumping spider. <i>Behaviour</i> , 2020, 157, 433-449.	0.4	1
56	Males mate indiscriminately in the tropical jumping spider <i>Hasarius adansoni</i> (Audouin, 1826). <i>Ethology</i> , 2021, 127, 83-90.	0.5	1
57	Female control of a novel form of cannibalism during copulation in a South American widow spider. <i>Behavioural Processes</i> , 2021, 188, 104406.	0.5	1
58	Juvenile Experience with Male Cues Triggers Cryptic Choice Mechanisms in Adult Female Redback Spiders. <i>Insects</i> , 2021, 12, 825.	1.0	1