

Marlene Zuk

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

4,770
citations

172207

29
h-index

98622

67
g-index

87
all docs

87
docs citations

87
times ranked

4318
citing authors

#	ARTICLE	IF	CITATIONS
1	Sexual selection and speciation. <i>Trends in Ecology and Evolution</i> , 2001, 16, 364-371.	4.2	793
2	Exploitation of Sexual Signals by Predators and Parasitoids. <i>Quarterly Review of Biology</i> , 1998, 73, 415-438.	0.0	708
3	Immune Defense and Host Life History. <i>American Naturalist</i> , 2002, 160, S9-S22.	1.0	638
4	Silent night: adaptive disappearance of a sexual signal in a parasitized population of field crickets. <i>Biology Letters</i> , 2006, 2, 521-524.	1.0	341
5	Acoustic experience shapes female mate choice in field crickets. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 2645-2650.	1.2	146
6	Acoustic Experience Shapes Alternative Mating Tactics and Reproductive Investment in Male Field Crickets. <i>Current Biology</i> , 2010, 20, 845-849.	1.8	137
7	The Sicker Sex. <i>PLoS Pathogens</i> , 2009, 5, e1000267.	2.1	136
8	Rapid Convergent Evolution in Wild Crickets. <i>Current Biology</i> , 2014, 24, 1369-1374.	1.8	121
9	GEOGRAPHIC VARIATION IN FEMALE PREFERENCE FUNCTIONS AND MALE SONGS OF THE FIELD CRICKET TELEOGRYLLUS OCEANICUS. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 1386-1394.	1.1	94
10	Seasonal changes in the relationship between ornamentation and immune response in red jungle fowl. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 1631-1635.	1.2	93
11	Social environment and immunity in male red jungle fowl. <i>Behavioral Ecology</i> , 2000, 11, 146-153.	1.0	83
12	ASYMMETRIC MATING PREFERENCES ACCOMMODATED THE RAPID EVOLUTIONARY LOSS OF A SEXUAL SIGNAL. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 2087-2098.	1.1	71
13	The role of behaviour in the establishment of novel traits. <i>Animal Behaviour</i> , 2014, 92, 333-344.	0.8	69
14	Testing the Hamilton-Zuk Hypothesis: Past, Present, and Future. <i>Integrative and Comparative Biology</i> , 2014, 54, 601-613.	0.9	68
15	Courtship song is more variable than calling song in the field cricket <i>Teleogryllus oceanicus</i> . <i>Animal Behaviour</i> , 2008, 76, 1065-1071.	0.8	65
16	The evolutionary ecology of circadian rhythms in infection. <i>Nature Ecology and Evolution</i> , 2019, 3, 552-560.	3.4	63
17	Model Systems, Taxonomic Bias, and Sexual Selection: Beyond <i>Drosophila</i> . <i>Annual Review of Entomology</i> , 2014, 59, 321-338.	5.7	62
18	Acoustically orienting parasitoids in calling and silent males of the field cricket <i>Teleogryllus oceanicus</i> . <i>Ecological Entomology</i> , 1995, 20, 380-383.	1.1	61

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19	Parasites and Male Ornaments in Free-Ranging and Captive Red Jungle Fowl. <i>Behaviour</i> , 1990, 114, 232-248.	0.4	60
20	Reproductive delays in mammals: an unexplored avenue for postcopulatory sexual selection. <i>Biological Reviews</i> , 2014, 89, 889-912.	4.7	57
21	Phonotactic parasitoids and cricket song structure: An evaluation of alternative hypotheses. <i>Evolutionary Ecology</i> , 1996, 10, 233-243.	0.5	55
22	Mating experience in field crickets modifies pre- and postcopulatory female choice in parallel. <i>Behavioral Ecology</i> , 2011, 22, 303-309.	1.0	55
23	Male Courtship Displays, Ornaments and Female Mate Choice in Captive Red Jungle Fowl. <i>Behaviour</i> , 1995, 132, 821-836.	0.4	48
24	CALLING SONGS OF FIELD CRICKETS (<i>TELEOGRYLLUS OCEANICUS</i>) WITH AND WITHOUT PHONOTACTIC PARASITOID INFECTION. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 166-171.	1.1	48
25	Latency to resume calling after disturbance in the field cricket, <i>Teleogryllus oceanicus</i> , corresponds to population-level differences in parasitism risk. <i>Behavioral Ecology and Sociobiology</i> , 2004, 55, 569-573.	0.6	43
26	Sexual signal loss: The link between behaviour and rapid evolutionary dynamics in a field cricket. <i>Journal of Animal Ecology</i> , 2018, 87, 623-633.	1.3	42
27	Mate Choice and Aerobic Capacity in Red Junglefowl. <i>Behaviour</i> , 1997, 134, 511-529.	0.4	35
28	For Host's Sake: The Pluses of Parasite Preservation. <i>Trends in Ecology and Evolution</i> , 2016, 31, 341-343.	4.2	33
29	Metrics matter: the effect of parasite richness, intensity and prevalence on the evolution of host migration. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20182147.	1.2	33
30	Living with plague: Lessons from the Soviet Union's antiplague system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9155-9163.	3.3	31
31	Age Structure of Parasitized and Unparasitized Populations of the Field Cricket <i>Teleogryllus oceanicus</i> . <i>Ethology</i> , 1994, 98, 333-340.	0.5	29
32	Roaming Romeos: male crickets evolving in silence show increased locomotor behaviours. <i>Animal Behaviour</i> , 2015, 101, 213-219.	0.8	26
33	Parasites, Morphology, and Blood Characters in Male Red Jungle Fowl during Development. <i>Condor</i> , 1998, 100, 749-752.	0.7	24
34	An Inconvenient Truth: The Unconsidered Benefits of Convenience Polyandry. <i>Trends in Ecology and Evolution</i> , 2018, 33, 904-915.	4.2	24
35	Cricket Responses to Sexual Signals are Influenced More by Adult than Juvenile Experiences. <i>Journal of Insect Behavior</i> , 2015, 28, 328-337.	0.4	22
36	Does delayed fertilization facilitate sperm competition in bats?. <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 1903-1913.	0.6	21

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37	Increased socially mediated plasticity in gene expression accompanies rapid adaptive evolution. <i>Ecology Letters</i> , 2018, 21, 546-556.	3.0	21
38	Temperate Assumptions: How Where We Work Influences How We Think. <i>American Naturalist</i> , 2016, 188, S1-S7.	1.0	17
39	Sexual signal loss in field crickets maintained despite strong sexual selection favoring singing males. <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 1482-1489.	1.1	16
40	Host migration strategy is shaped by forms of parasite transmission and infection cost. <i>Journal of Animal Ecology</i> , 2019, 88, 1601-1612.	1.3	16
41	When Does Sexual Signal Exploitation Lead to Signal Loss?. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	16
42	Natural and sexual selection on cuticular hydrocarbons: a quantitative genetic analysis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190677.	1.2	16
43	Models on the Runway: How Do We Make Replicas of the World?. <i>American Naturalist</i> , 2018, 192, 1-9.	1.0	15
44	The Case of the Female Orgasm (review). <i>Perspectives in Biology and Medicine</i> , 2006, 49, 294-298.	0.3	13
45	An evolutionary perspective on signaling in behavior and immunology. <i>Die Naturwissenschaften</i> , 1995, 82, 509-516.	0.6	12
46	Family values in black and white. <i>Nature</i> , 2006, 439, 917-917.	13.7	12
47	Coloration, Paternity, and Assortative Mating in Western Bluebirds. <i>Ethology</i> , 2015, 121, 176-186.	0.5	12
48	Direct and indirect effects of sexual signal loss on female reproduction in the Pacific field cricket (<i>Teleogryllus oceanicus</i>). <i>Journal of Evolutionary Biology</i> , 2019, 32, 1382-1390.	0.8	11
49	Obligate, but not facultative, satellite males prefer the same male sexual signal characteristics as females. <i>Animal Behaviour</i> , 2018, 144, 37-43.	0.8	10
50	Obligately silent males sire more offspring than singers in a rapidly evolving cricket population. <i>Biology Letters</i> , 2019, 15, 20190198.	1.0	9
51	Molecular biogeography and host relations of a parasitoid fly. <i>Ecology and Evolution</i> , 2019, 9, 11476-11493.	0.8	9
52	Sexual signal loss, pleiotropy, and maintenance of a male reproductive polymorphism in crickets. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 1002-1009.	1.1	9
53	Parasite intensity and the evolution of migratory behavior. <i>Ecology</i> , 2021, 102, e03229.	1.5	8
54	Birds gone wild: same-sex parenting in albatross. <i>Trends in Ecology and Evolution</i> , 2008, 23, 658-660.	4.2	7

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55	Beyond sexual selection: The evolution of sex differences from brain to behavior. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 46, 497-500.	2.9	6
56	Parasite infection, but not immune response, influences paternity in western bluebirds. <i>Behavioral Ecology and Sociobiology</i> , 2015, 69, 193-203.	0.6	6
57	Mates with Benefits: When and How Sexual Cannibalism Is Adaptive. <i>Current Biology</i> , 2016, 26, R1230-R1232.	1.8	6
58	Limited flexibility in female Pacific field cricket (<i>Teleogryllus oceanicus</i>) exploratory behaviors in response to perceived social environment. <i>Ethology</i> , 2018, 124, 650-656.	0.5	6
59	Killing the Behavioral Zombie: Genes, Evolution, and Why Behavior Isn't Special. <i>BioScience</i> , 2020, 70, 515-520.	2.2	6
60	How to study parasites and host migration: a roadmap for empiricists. <i>Biological Reviews</i> , 2022, 97, 1161-1178.	4.7	6
61	How urbanization affects sexual communication. <i>Ecology and Evolution</i> , 2021, 11, 17625-17650.	0.8	6
62	Social behavior and cooperative breeding in a precocial species: The Kalij Pheasant (<i>Lophura</i>)	0.7	5
63	Calls of Recently Introduced Coqui-Frogs Do Not Interfere with Cricket Phonotaxis in Hawaii. <i>Journal of Insect Behavior</i> , 2017, 30, 60-69.	0.4	5
64	Relative Amplitude of Courtship Song Chirp and Trill Components Does Not Alter Female Mating Behavior. <i>Ethology</i> , 2017, 123, 168-173.	0.5	4
65	Is it the Song or the Singers? Acoustic and Social Experiences Shape Adult Reproductive Tactics and Condition. <i>Journal of Insect Behavior</i> , 2018, 31, 552-568.	0.4	4
66	Aggression and Mating Behavior in Wild and Captive Populations of the House Cricket, <i>Acheta domesticus</i> . <i>Journal of Insect Behavior</i> , 2019, 32, 89-98.	0.4	4
67	Acoustic Experience Interacts with Perceived Risk of Predation in Shaping Female Response in Crickets. <i>Journal of Insect Behavior</i> , 2020, 33, 38-47.	0.4	4
68	Sex-specific associations between life-history traits and a novel reproductive polymorphism in the Pacific field cricket. <i>Journal of Evolutionary Biology</i> , 2021, 34, 549-557.	0.8	4
69	Parasites and altruism: converging roads. <i>Biology Letters</i> , 2013, 9, 20130367.	1.0	2
70	Spermatophore retention may accommodate sexual signal loss in Pacific field crickets. <i>Behavioral Ecology and Sociobiology</i> , 2020, 74, 1.	0.6	2
71	Lava crickets (<i>Caconemobius</i> spp.) on Hawai'i Island: first colonisers or persists in extreme habitats?. <i>Ecological Entomology</i> , 2021, 46, 505-513.	1.1	2
72	Sex differences, sexual selection, and gamete size: a comment on Shuker and Kvarnemo. <i>Behavioral Ecology</i> , 0, , .	1.0	2

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73	Animal Behavior: Stay Close for Comfort. <i>Current Biology</i> , 2011, 21, R885-R886.	1.8	1
74	When sex makes you sick. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13139-13140.	3.3	1
75	Shallow ponds prompt fitness-favorable species interbreeding. <i>Science</i> , 2020, 367, 1304-1305.	6.0	1
76	Geographic variation in cuticular hydrocarbon profiles in Pacific field crickets. <i>Ecological Entomology</i> , 2021, 46, 1118-1127.	1.1	1
77	An Evolutionary Perspective on Signaling in Behavior and Immunology. <i>Die Naturwissenschaften</i> , 1995, 82, 509-516.	0.6	1
78	Book Reviews: Leks, reviewed by M. Zuk * Foundations of Vision, K. K. De Valois * Atoms, Bombs, and Eskimo Kisses, K. Livingston * Books Received. <i>Science</i> , 1996, 271, 1370-1370.	6.0	0
79	A straw man on a dead horse: Studying adaptation then and now. <i>Behavioral and Brain Sciences</i> , 2002, 25, .	0.4	0
80	Dance Like No One Is Watching, Sing Like No One Is Listening?. <i>Science</i> , 2010, 328, 1237-1238.	6.0	0
81	Reply to McLean et al.: Collections are critical. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14413-14413.	3.3	0
82	Immunogenetic and tolerance strategies against a novel parasitoid of wild field crickets. <i>Ecology and Evolution</i> , 2020, 10, 13312-13326.	0.8	0