

Kayla C King

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

2,823
citations

218592

26
h-index

197736

49
g-index

65
all docs

65
docs citations

65
times ranked

3266
citing authors

#	ARTICLE	IF	CITATIONS
1	Turning the tide on sex and the microbiota in aquatic animals. <i>Hydrobiologia</i> , 2023, 850, 3823-3835.	1.0	2
2	More or Less? The Effect of Symbiont Density in Protective Mutualisms. <i>American Naturalist</i> , 2022, 199, 443-454.	1.0	9
3	Microbial protection favors parasite tolerance and alters host-parasite coevolutionary dynamics. <i>Current Biology</i> , 2022, 32, 1593-1598.e3.	1.8	13
4	Reproductive consequences of transient pathogen exposure across host genotypes and generations. <i>Ecology and Evolution</i> , 2022, 12, e8720.	0.8	2
5	Symbiont-mediated immune priming in animals through an evolutionary lens. <i>Microbiology (United Kingdom)</i> , 2021, 167, 107-114.	0.7	7
6	Symbiosis and host responses to heating. <i>Trends in Ecology and Evolution</i> , 2022, 37, 611-624.	4.2	16
7	Trade-offs in defence to pathogen species revealed in expanding nematode populations. <i>Journal of Evolutionary Biology</i> , 2022, 35, 1002-1011.	0.8	0
8	In Vivo Microbial Coevolution Favors Host Protection and Plastic Downregulation of Immunity. <i>Molecular Biology and Evolution</i> , 2021, 38, 1330-1338.	3.5	17
9	Invasive freshwater snails form novel microbial relationships. <i>Evolutionary Applications</i> , 2021, 14, 770-780.	1.5	9
10	Host genotype and genetic diversity shape the evolution of a novel bacterial infection. <i>ISME Journal</i> , 2021, 15, 2146-2157.	4.4	21
11	Effects of multiple stressors on northern leopard frogs in agricultural wetlands. <i>Parasitology</i> , 2021, 148, 827-834.	0.7	8
12	Microbial evolution and transitions along the parasite-mutualist continuum. <i>Nature Reviews Microbiology</i> , 2021, 19, 623-638.	13.6	125
13	Host microbiota can facilitate pathogen infection. <i>PLoS Pathogens</i> , 2021, 17, e1009514.	2.1	80
14	A globally ubiquitous symbiont can drive experimental host evolution. <i>Molecular Ecology</i> , 2021, 30, 3882-3892.	2.0	6
15	Leucobacter. <i>Trends in Microbiology</i> , 2021, 29, 1046-1047.	3.5	3
16	Ecological and evolutionary perspectives on tick-borne pathogen co-infections. <i>Current Research in Parasitology and Vector-borne Diseases</i> , 2021, 1, 100049.	0.7	6
17	Evolution and maintenance of microbe-mediated protection under occasional pathogen infection. <i>Ecology and Evolution</i> , 2020, 10, 8634-8642.	0.8	4
18	Microbiome: Evolution in a World of Interaction. <i>Current Biology</i> , 2020, 30, R265-R267.	1.8	4

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19	Impacts of a novel defensive symbiosis on the nematode host microbiome. <i>BMC Microbiology</i> , 2020, 20, 159.	1.3	8
20	Letâ€™s emerge from the pandemic lockdown into a fairer academic world. <i>Current Biology</i> , 2020, 30, R799.	1.8	3
21	Measuring Coevolutionary Dynamics in Species-Rich Communities. <i>Trends in Ecology and Evolution</i> , 2020, 35, 539-550.	4.2	28
22	The Hypercomplex Genome of an Insect Reproductive Parasite Highlights the Importance of Lateral Gene Transfer in Symbiont Biology. <i>MBio</i> , 2020, 11, .	1.8	14
23	On the diverse and opposing effects of nutrition on pathogen virulence. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191220.	1.2	44
24	Host genetic diversity limits parasite success beyond agricultural systems: a meta-analysis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191811.	1.2	59
25	Science policies: How should science funding be allocated? An evolutionary biologistsâ€™ perspective. <i>Journal of Evolutionary Biology</i> , 2019, 32, 754-768.	0.8	16
26	Fecundity compensation is dependent on the generalized stress response in a nematode host. <i>Ecology and Evolution</i> , 2019, 9, 11957-11961.	0.8	14
27	Red Queen Dynamics. , 2019, , 185-192.		4
28	Defensive symbionts. <i>Current Biology</i> , 2019, 29, R78-R80.	1.8	25
29	High parasite diversity accelerates host adaptation and diversification. <i>Science</i> , 2018, 360, 907-911.	6.0	108
30	Mutual fitness benefits arise during coevolution in a nematode-defensive microbe model. <i>Evolution Letters</i> , 2018, 2, 246-256.	1.6	50
31	Antibiotic resistance: Evolution without trade-offs. <i>Nature Ecology and Evolution</i> , 2017, 1, 66.	3.4	7
32	Friendly foes: The evolution of host protection by a parasite. <i>Evolution Letters</i> , 2017, 1, 211-221.	1.6	31
33	Coâ€™evolutionary dynamics between a defensive microbe and a pathogen driven by fluctuating selection. <i>Molecular Ecology</i> , 2017, 26, 1778-1789.	2.0	37
34	The evolutionary and coevolutionary consequences of defensive microbes for host-parasite interactions. <i>BMC Evolutionary Biology</i> , 2017, 17, 190.	3.2	22
35	Harnessing the Power of Defensive Microbes: Evolutionary Implications in Nature and Disease Control. <i>PLoS Pathogens</i> , 2016, 12, e1005465.	2.1	79
36	Beyond killing. <i>Evolution, Medicine and Public Health</i> , 2016, 2016, 148-157.	1.1	87

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37	Host and Parasite Evolution in a Tangled Bank. <i>Trends in Parasitology</i> , 2016, 32, 863-873.	1.5	45
38	Parasite diversity drives rapid host dynamics and evolution of resistance in a bacteria-phage system. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 969-978.	1.1	24
39	Microbe-mediated host defence drives the evolution of reduced pathogen virulence. <i>Nature Communications</i> , 2016, 7, 13430.	5.8	83
40	Rapid evolution of microbe-mediated protection against pathogens in a worm host. <i>ISME Journal</i> , 2016, 10, 1915-1924.	4.4	165
41	Distinct Bacterial Microbiomes in Sexual and Asexual <i>Potamopyrgus antipodarum</i> , a New Zealand Freshwater Snail. <i>PLoS ONE</i> , 2016, 11, e0161050.	1.1	26
42	Superparasitism Drives Heritable Symbiont Epidemiology and Host Sex Ratio in a Wasp. <i>PLoS Pathogens</i> , 2016, 12, e1005629.	2.1	32
43	Cancer: an emergent property of disturbed resource-rich environments? Ecology meets personalized medicine. <i>Evolutionary Applications</i> , 2015, 8, 527-540.	1.5	23
44	Hybridization in Parasites: Consequences for Adaptive Evolution, Pathogenesis, and Public Health in a Changing World. <i>PLoS Pathogens</i> , 2015, 11, e1005098.	2.1	108
45	Making the best of a bad situation: host partial resistance and bypass of behavioral manipulation by parasites?. <i>Trends in Parasitology</i> , 2015, 31, 413-418.	1.5	15
46	Exposure to parasites increases promiscuity in a freshwater snail. <i>Biology Letters</i> , 2014, 10, 20131091.	1.0	16
47	Running with the Red Queen: the role of biotic conflicts in evolution. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141382.	1.2	225
48	The Geographic Mosaic of Sex and Infection in Lake Populations of a New Zealand Snail at Multiple Spatial Scales. <i>American Naturalist</i> , 2013, 182, 484-493.	1.0	31
49	Is more better? Polyploidy and parasite resistance. <i>Biology Letters</i> , 2012, 8, 598-600.	1.0	37
50	Does genetic diversity limit disease spread in natural host populations?. <i>Heredity</i> , 2012, 109, 199-203.	1.2	182
51	Escape from the Red Queen: an overlooked scenario in coevolutionary studies. <i>Oikos</i> , 2012, 121, 641-645.	1.2	9
52	Coevolutionary hotspots and coldspots for host sex and parasite local adaptation in a snail-trematode interaction. <i>Oikos</i> , 2011, 120, 1335-1340.	1.2	44
53	PARASITES, SEX, AND CLONAL DIVERSITY IN NATURAL SNAIL POPULATIONS. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 1474-1481.	1.1	54
54	Trematode parasites infect or die in snail hosts. <i>Biology Letters</i> , 2011, 7, 265-268.	1.0	30

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55	Losing the desire: selection can promote obligate asexuality. <i>BMC Biology</i> , 2010, 8, 101.	1.7	7
56	Effects of agricultural landscape and pesticides on parasitism in native bullfrogs. <i>Biological Conservation</i> , 2010, 143, 302-310.	1.9	53
57	Environment can alter selection in host-parasite interactions. <i>Trends in Parasitology</i> , 2009, 25, 236-244.	1.5	331
58	The Geographic Mosaic of Sex and the Red Queen. <i>Current Biology</i> , 2009, 19, 1438-1441.	1.8	134
59	Geographic variation in sterilizing parasite species and the Red Queen. <i>Oikos</i> , 2009, 118, 1416-1420.	1.2	20
60	Combined effects of agricultural activity and parasites on biomarkers in the bullfrog, <i>Rana catesbeiana</i> . <i>Aquatic Toxicology</i> , 2009, 91, 126-134.	1.9	63
61	Short-Term Seasonal Changes in Parasite Community Structure in Northern Leopard Froglets (<i>Rana</i>)	0.784314	33
62	Impacts of agriculture on the parasite communities of northern leopard frogs (<i>Rana pipiens</i>) in southern Quebec, Canada. <i>Parasitology</i> , 2007, 134, 2063-2080.	0.7	65