

Sarah A Knutie

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,356
citations

361045

20
h-index

395343

33
g-index

53
all docs

53
docs citations

53
times ranked

1324
citing authors

#	ARTICLE	IF	CITATIONS
1	Early-life disruption of amphibian microbiota decreases later-life resistance to parasites. <i>Nature Communications</i> , 2017, 8, 86.	5.8	146
2	Epigenetics and the Evolution of Darwin's Finches. <i>Genome Biology and Evolution</i> , 2014, 6, 1972-1989.	1.1	107
3	Galapagos mockingbirds tolerate introduced parasites that affect Darwin's finches. <i>Ecology</i> , 2016, 97, 940-950.	1.5	72
4	Experimental demonstration of a parasite-induced immune response in wild birds: Darwin's finches and introduced nest flies. <i>Ecology and Evolution</i> , 2013, 3, 2514-2523.	0.8	60
5	Host resistance and tolerance of parasitic gut worms depend on resource availability. <i>Oecologia</i> , 2017, 183, 1031-1040.	0.9	60
6	Darwin's finches combat introduced nest parasites with fumigated cotton. <i>Current Biology</i> , 2014, 24, R355-R356.	1.8	57
7	Epigenetic variation between urban and rural populations of Darwin's finches. <i>BMC Evolutionary Biology</i> , 2017, 17, 183.	3.2	53
8	<i>In ovo</i> microbial communities: a potential mechanism for the initial acquisition of gut microbiota among oviparous birds and lizards. <i>Biology Letters</i> , 2018, 14, 20180225.	1.0	51
9	An introduced parasitic fly may lead to local extinction of Darwin's finch populations. <i>Journal of Applied Ecology</i> , 2016, 53, 511-518.	1.9	49
10	Food supplementation affects gut microbiota and immunological resistance to parasites in a wild bird species. <i>Journal of Applied Ecology</i> , 2020, 57, 536-547.	1.9	48
11	Do host-associated gut microbiota mediate the effect of an herbicide on disease risk in frogs?. <i>Journal of Animal Ecology</i> , 2018, 87, 489-499.	1.3	45
12	Early-Life Diet Affects Host Microbiota and Later-Life Defenses Against Parasites in Frogs. <i>Integrative and Comparative Biology</i> , 2017, 57, 732-742.	0.9	44
13	Human activity can influence the gut microbiota of Darwin's finches in the Galapagos Islands. <i>Molecular Ecology</i> , 2019, 28, 2441-2450.	2.0	42
14	The herbicide atrazine induces hyperactivity and compromises tadpole detection of predator chemical cues. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 2239-2244.	2.2	41
15	A Non-invasive Method to Collect Fecal Samples from Wild Birds for Microbiome Studies. <i>Microbial Ecology</i> , 2018, 76, 851-855.	1.4	38
16	Galapagos mockingbirds tolerate introduced parasites that affect Darwin's finches. <i>Ecology</i> , 2016, 97, 940-50.	1.5	38
17	Impacts of thermal mismatches on chytrid fungus <i>Batrachochytrium dendrobatidis</i> prevalence are moderated by life stage, body size, elevation and latitude. <i>Ecology Letters</i> , 2019, 22, 817-825.	3.0	35
18	Are the adverse effects of stressors on amphibians mediated by their effects on stress hormones?. <i>Oecologia</i> , 2018, 186, 393-404.	0.9	27

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19	A meta-analysis reveals temperature, dose, life stage, and taxonomy influence host susceptibility to a fungal parasite. <i>Ecology</i> , 2020, 101, e02979.	1.5	25
20	Host tolerance and resistance to parasitic nest flies differs between two wild bird species. <i>Ecology and Evolution</i> , 2019, 9, 12144-12155.	0.8	24
21	Annual environmental variation influences host tolerance to parasites. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190049.	1.2	23
22	Avoidance, tolerance, and resistance to ectoparasites in nestling and adult tree swallows. <i>Journal of Avian Biology</i> , 2018, 49, jav-01641.	0.6	22
23	Winter Ecology of Buggy Creek Virus (Togaviridae, <i>Alphavirus</i>) in the Central Great Plains. <i>Vector-Borne and Zoonotic Diseases</i> , 2010, 10, 355-363.	0.6	21
24	Relationships among introduced parasites, host defenses, and gut microbiota of Galapagos birds. <i>Ecosphere</i> , 2018, 9, e02286.	1.0	21
25	Applied ecoimmunology: using immunological tools to improve conservation efforts in a changing world. , 2021, 9, coab074.		19
26	Urban living influences the nesting success of Darwin's finches in the Galapagos Islands. <i>Ecology and Evolution</i> , 2021, 11, 5038-5048.	0.8	18
27	Trophic ecology of native parasitic nest flies of birds in <i>obago</i> . <i>Ecosphere</i> , 2017, 8, e01670.	1.0	17
28	Use of anthropogenic-related nest material and nest parasite prevalence have increased over the past two centuries in Australian birds. <i>Oecologia</i> , 2021, 196, 1207-1217.	0.9	17
29	Invasive Parasites and the Fate of Darwin's Finches in the Galapagos Islands: The Case of the Vegetarian Finch (<i>Platyspiza crassirostris</i>). <i>Wilson Journal of Ornithology</i> , 2017, 129, 345-349.	0.1	15
30	Sub-lethal effects of permethrin exposure on a passerine: implications for managing ectoparasites in wild bird nests. , 2020, 8, coaa076.		14
31	Experimental test of the effect of introduced hematophagous flies on corticosterone levels of breeding Darwin's finches. <i>General and Comparative Endocrinology</i> , 2013, 193, 68-71.	0.8	13
32	More than just nestlings: incidence of subcutaneous <i>Philornis</i> (Diptera: Muscidae) nest flies in adult birds. <i>Parasitology Research</i> , 2020, 119, 2337-2342.	0.6	12
33	The cost of ectoparasitism in Cliff Swallows declines over 35 years. <i>Ecological Monographs</i> , 2021, 91, e01446.	2.4	10
34	Does avian malaria reduce fledging success: an experimental test of the selection hypothesis. <i>Evolutionary Ecology</i> , 2013, 27, 185-191.	0.5	9
35	Epigenetic effects of parasites and pesticides on captive and wild nestling birds. <i>Ecology and Evolution</i> , 2021, 11, 7713-7729.	0.8	8
36	Differential effects of elevated nest temperature and parasitism on the gut microbiota of wild avian hosts. <i>Animal Microbiome</i> , 2021, 3, 67.	1.5	8

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37	Temporally varying disruptive selection in the medium ground finch (<i>Geospiza fortis</i>). Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20192290.	1.2	6
38	Effect of introduced parasites on the survival and microbiota of nestling cactus finches (<i>Geospiza</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	6
39	Oxidative damage increases with degree of simulated bacterial infection, but not ectoparasitism, in tree swallow nestlings. Journal of Experimental Biology, 2021, 224, .	0.8	5
40	Galpagos mockingbirds tolerate introduced parasites that affect Darwin's finches. Ecology, 2016, 97, 940.	1.5	5
41	No evidence of sex ratio manipulation by Galpagos mockingbirds in response to environment. Journal of Avian Biology, 2020, 51, .	0.6	4
42	The genome sequence of the avian vampire fly (<i>Philornis downsi</i>), an invasive nest parasite of Darwins finches in Galpagos. G3: Genes, Genomes, Genetics, 2022, 12, .	0.8	4
43	Eggshell microbiota of a brood parasite reflects environment, not species. Journal of Ornithology, 0, 1.	0.5	0