

Sarah J Burthe

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1854947/publications.pdf>

Version: 2024-02-01

58
papers

3,656
citations

218677

26
h-index

175258

52
g-index

60
all docs

60
docs citations

60
times ranked

6060
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenological sensitivity to climate across taxa and trophic levels. <i>Nature</i> , 2016, 535, 241-245.	27.8	705
2	Trophic level asynchrony in rates of phenological change for marine, freshwater and terrestrial environments. <i>Global Change Biology</i> , 2010, 16, 3304-3313.	9.5	690
3	Species Interactions in a Parasite Community Drive Infection Risk in a Wildlife Population. <i>Science</i> , 2010, 330, 243-246.	12.6	461
4	Adaptive responses of animals to climate change are most likely insufficient. <i>Nature Communications</i> , 2019, 10, 3109.	12.8	285
5	Host-pathogen time series data in wildlife support a transmission function between density and frequency dependence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7905-7909.	7.1	118
6	Do early warning indicators consistently predict nonlinear change in long-term ecological data?. <i>Journal of Applied Ecology</i> , 2016, 53, 666-676.	4.0	104
7	Phenological trends and trophic mismatch across multiple levels of a North Sea pelagic food web. <i>Marine Ecology - Progress Series</i> , 2012, 454, 119-133.	1.9	77
8	Contrasting dynamics of <i>Bartonella</i> spp. in cyclic field vole populations: the impact of vector and host dynamics. <i>Parasitology</i> , 2007, 134, 413.	1.5	67
9	Cowpox virus infection in natural field vole <i>Microtus agrestis</i> populations: significant negative impacts on survival. <i>Journal of Animal Ecology</i> , 2008, 77, 110-119.	2.8	63
10	Sympatric <i>Ixodes trianguliceps</i> and <i>Ixodes ricinus</i> Ticks Feeding on Field Voles (<i>Microtus agrestis</i>): Potential for Increased Risk of <i>Anaplasma phagocytophilum</i> in the United Kingdom?. <i>Vector-Borne and Zoonotic Diseases</i> , 2006, 6, 404-410.	1.5	57
11	Reproductive performance of resident and migrant males, females and pairs in a partially migratory bird. <i>Journal of Animal Ecology</i> , 2017, 86, 1010-1021.	2.8	55
12	Ecological resilience in lakes and the conjunction fallacy. <i>Nature Ecology and Evolution</i> , 2017, 1, 1616-1624.	7.8	52
13	Cowpox virus infection in natural field vole <i>Microtus agrestis</i> populations: delayed density dependence and individual risk. <i>Journal of Animal Ecology</i> , 2006, 75, 1416-1425.	2.8	45
14	Seasonal host dynamics drive the timing of recurrent epidemics in a wildlife population. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 1603-1610.	2.6	44
15	Contrasting responses of male and female foraging effort to year-round wind conditions. <i>Journal of Animal Ecology</i> , 2015, 84, 1490-1496.	2.8	44
16	Tuberculosis (<i>Mycobacterium microti</i>) in wild field vole populations. <i>Parasitology</i> , 2008, 135, 309-317.	1.5	40
17	Site Fidelity and Individual Variation in Winter Location in Partially Migratory European Shags. <i>PLoS ONE</i> , 2014, 9, e98562.	2.5	40
18	Parental age influences offspring telomere loss. <i>Functional Ecology</i> , 2016, 30, 1531-1538.	3.6	39

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19	Population and evolutionary dynamics in spatially structured seasonally varying environments. <i>Biological Reviews</i> , 2018, 93, 1578-1603.	10.4	39
20	Trypanosomes, fleas and field voles: ecological dynamics of a host-vector-parasite interaction. <i>Parasitology</i> , 2005, 131, 355-365.	1.5	36
21	Age, oxidative stress exposure and fitness in a long-lived seabird. <i>Functional Ecology</i> , 2016, 30, 913-921.	3.6	36
22	Validating accelerometry estimates of energy expenditure across behaviours using heart rate data in a free-living seabird. <i>Journal of Experimental Biology</i> , 2017, 220, 1875-1881.	1.7	33
23	Flexibility, variability and constraint in energy management patterns across vertebrate taxa revealed by long-term heart rate measurements. <i>Functional Ecology</i> , 2019, 33, 260-272.	3.6	32
24	Predicting disease risk areas through co-production of spatial models: The example of Kyasanur Forest Disease in India's forest landscapes. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008179.	3.0	31
25	Demographic consequences of increased winter births in a large aseasonally breeding mammal (<i>Bos Taurus</i>). <i>Overlooked</i> , 2021, 10, 1-10.	0.78	30
26	Helminth burden and ecological factors associated with alterations in wild host gastrointestinal microbiota. <i>ISME Journal</i> , 2017, 11, 663-675.	9.8	30
27	Effects of abundance on infection in natural populations: Field voles and cowpox virus. <i>Epidemics</i> , 2009, 1, 35-46.	3.0	29
28	The energetic cost of parasitism in a wild population. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180489.	2.6	29
29	Strong survival selection on seasonal migration versus residence induced by extreme climatic events. <i>Journal of Animal Ecology</i> , 2021, 90, 796-808.	2.8	29
30	<i>Mycobacterium microti</i> Tuberculosis in Its Maintenance Host, the Field Vole (<i>Microtus agrestis</i>). <i>Overlooked</i> , 2021, 10, 1-10.	1.7	27
31	Individual growth rates in natural field vole, <i>Microtus agrestis</i> , populations exhibiting cyclic population dynamics. <i>Oecologia</i> , 2010, 162, 653-661.	2.0	23
32	Host-parasite biology in the real world: the field voles of Kielder. <i>Parasitology</i> , 2014, 141, 997-1017.	1.5	23
33	Interactions between Environmental Contaminants and Gastrointestinal Parasites: Novel Insights from an Integrative Approach in a Marine Predator. <i>Environmental Science & Technology</i> , 2020, 54, 8938-8948.	10.0	22
34	Parasitism in early life: environmental conditions shape within-brood variation in responses to infection. <i>Ecology and Evolution</i> , 2014, 4, 3408-3419.	1.9	21
35	Assessing the vulnerability of the marine bird community in the western North Sea to climate change and other anthropogenic impacts. <i>Marine Ecology - Progress Series</i> , 2014, 507, 277-295.	1.9	21
36	A role for vector-independent transmission in rodent trypanosome infection?. <i>International Journal for Parasitology</i> , 2006, 36, 1359-1366.	3.1	18

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37	Among-individual and within-individual variation in seasonal migration covaries with subsequent reproductive success in a partially migratory bird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200928.	2.6	18
38	Impacts of Parasites in Early Life: Contrasting Effects on Juvenile Growth for Different Family Members. <i>PLoS ONE</i> , 2012, 7, e32236.	2.5	16
39	Interpreting <sc>ELISA</sc> analyses from wild animal samples: Some recurrent issues and solutions. <i>Functional Ecology</i> , 2017, 31, 2255-2262.	3.6	16
40	Reviewing the ecological evidence base for management of emerging tropical zoonoses: Kyasanur Forest Disease in India as a case study. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009243.	3.0	15
41	Pronounced long-term trends in year-round diet composition of the European shag <i>Phalacrocorax aristotelis</i> . <i>Marine Biology</i> , 2018, 165, 1.	1.5	14
42	Endoscopy as a novel method for assessing endoparasite burdens in free-ranging European shags (<i>Phalacrocorax aristotelis</i>). <i>Methods in Ecology and Evolution</i> , 2013, 4, 207-216.	5.2	12
43	Episodes of opposing survival and reproductive selection cause strong fluctuating selection on seasonal migration versus residence. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210404.	2.6	11
44	Ecological Instability in Lakes: A Predictable Condition?. <i>Environmental Science & Technology</i> , 2016, 50, 3285-3286.	10.0	10
45	The role of parasitism in the energy management of a free-ranging bird. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	9
46	No evidence for fitness signatures consistent with increasing trophic mismatch over 30 years in a population of European shag <i>Phalacrocorax aristotelis</i> . <i>Journal of Animal Ecology</i> , 2021, 90, 432-446.	2.8	8
47	Indirect effects of parasitism: costs of infection to other individuals can be greater than direct costs borne by the host. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150602.	2.6	7
48	Investigating the effects of age-related spatial structuring on the transmission of a tick-borne virus in a colonially breeding host. <i>Ecology and Evolution</i> , 2017, 7, 10930-10940.	1.9	7
49	Another Seychelles endemic close to extinction: the emballonurid bat <i>Coleura seychellensis</i> . <i>Oryx</i> , 2006, 40, 310-318.	1.0	5
50	Sublethal effects of natural parasitism act through maternal, but not paternal, reproductive success in a wild population. <i>Ecology</i> , 2019, 100, e02772.	3.2	5
51	Microbe Interactions Undermine Predictions of "Response. <i>Science</i> , 2011, 331, 145-147.	12.6	4
52	Co-production of knowledge as part of a OneHealth approach to better control zoonotic diseases. <i>PLoS Global Public Health</i> , 2022, 2, e0000075.	1.6	3
53	Title is missing!. , 2020, 14, e0008179.		0
54	Title is missing!. , 2020, 14, e0008179.		0

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55	Title is missing!. , 2020, 14, e0008179.		0
56	Title is missing!. , 2020, 14, e0008179.		0
57	Title is missing!.. , 2020, 14, e0008179.		0
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