

# Sarah C L Knowles

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

2,314  
citations

361296

20  
h-index

414303

32  
g-index

37  
all docs

37  
docs citations

37  
times ranked

3318  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Bifidobacterium castoris</i> strains isolated from wild mice show evidence of frequent host switching and diverse carbohydrate metabolism potential. ISME Communications, 2022, 2, .	1.7	0
2	Synchronous Seasonality in the Gut Microbiota of Wild Mouse Populations. Frontiers in Microbiology, 2022, 13, 809735.	1.5	14
3	A 16S rRNA Gene and Draft Genome Database for the Murine Oral Bacterial Community. MSystems, 2021, 6, .	1.7	14
4	Social networks strongly predict the gut microbiota of wild mice. ISME Journal, 2021, 15, 2601-2613.	4.4	64
5	Response to Nguyen et al. "Laboratory-Inspired Manipulations Hold Value for Wild Microbiome-Behaviour Research". Trends in Ecology and Evolution, 2021, 36, 278-280.	4.2	0
6	Effects of laboratory domestication on the rodent gut microbiome. ISME Communications, 2021, 1, .	1.7	21
7	Identifying Microbiome-Mediated Behaviour in Wild Vertebrates. Trends in Ecology and Evolution, 2020, 35, 972-980.	4.2	53
8	How should we store avian faecal samples for microbiota analyses? Comparing efficacy and cost-effectiveness. Journal of Microbiological Methods, 2019, 165, 105689.	0.7	5
9	The evolution of ecological facilitation within mixed-species biofilms in the mouse gastrointestinal tract. ISME Journal, 2018, 12, 2770-2784.	4.4	34
10	Parasite-Microbiota Interactions With the Vertebrate Gut: Synthesis Through an Ecological Lens. Frontiers in Microbiology, 2018, 9, 843.	1.5	146
11	Optimising cluster survey design for planning schistosomiasis preventive chemotherapy. PLoS Neglected Tropical Diseases, 2017, 11, e0005599.	1.3	19
12	The impact of albendazole treatment on the incidence of viral- and bacterial-induced diarrhea in school children in southern Vietnam: study protocol for a randomized controlled trial. Trials, 2016, 17, 279.	0.7	2
13	The impact of an 8-year mass drug administration programme on prevalence, intensity and co-infections of soil-transmitted helminthiasis in Burundi. Parasites and Vectors, 2016, 9, 513.	1.0	21
14	One health " an ecological and evolutionary framework for tackling Neglected Zoonotic Diseases. Evolutionary Applications, 2016, 9, 313-333.	1.5	112
15	Marked seasonal variation in the wild mouse gut microbiota. ISME Journal, 2015, 9, 2423-2434.	4.4	282
16	Epidemiological Interactions between Urogenital and Intestinal Human Schistosomiasis in the Context of Praziquantel Treatment across Three West African Countries. PLoS Neglected Tropical Diseases, 2015, 9, e0004019.	1.3	14
17	The reliability of observational approaches for detecting interspecific parasite interactions: comparison with experimental results. International Journal for Parasitology, 2014, 44, 437-445.	1.3	76
18	Dispersal in a patchy landscape reveals contrasting determinants of infection in a wild avian malaria system. Journal of Animal Ecology, 2014, 83, 429-439.	1.3	17

#	ARTICLE	IF	CITATIONS
19	Spatial determinants of infection risk in a multi-species avian malaria system. <i>Ecography</i> , 2013, 36, 587-598.	2.1	30
20	Stability of within-host parasite communities in a wild mammal system. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20130598.	1.2	121
21	Epidemiology and fitness effects of wood mouse herpesvirus in a natural host population. <i>Journal of General Virology</i> , 2012, 93, 2447-2456.	1.3	23
22	Site-occupancy modelling as a novel framework for assessing test sensitivity and estimating wildlife disease prevalence from imperfect diagnostic tests. <i>Methods in Ecology and Evolution</i> , 2012, 3, 339-348.	2.2	93
23	Fitness effects of endemic malaria infections in a wild bird population: the importance of ecological structure. <i>Journal of Animal Ecology</i> , 2011, 80, 1196-1206.	1.3	136
24	Infection dynamics of endemic malaria in a wild bird population: parasite species-dependent drivers of spatial and temporal variation in transmission rates. <i>Journal of Animal Ecology</i> , 2011, 80, 1207-1216.	1.3	87
25	Molecular epidemiology of malaria prevalence and parasitaemia in a wild bird population. <i>Molecular Ecology</i> , 2011, 20, 1062-1076.	2.0	118
26	The effect of helminth co-infection on malaria in mice: A meta-analysis. <i>International Journal for Parasitology</i> , 2011, 41, 1041-1051.	1.3	66
27	Context-dependent effects of parental effort on malaria infection in a wild bird population, and their role in reproductive trade-offs. <i>Oecologia</i> , 2010, 164, 87-97.	0.9	29
28	Chronic malaria infections increase family inequalities and reduce parental fitness: experimental evidence from a wild bird population. <i>Journal of Evolutionary Biology</i> , 2010, 23, 557-569.	0.8	204
29	Phenotypic correlates of <i>Clock</i> gene variation in a wild blue tit population: evidence for a role in seasonal timing of reproduction. <i>Molecular Ecology</i> , 2009, 18, 2444-2456.	2.0	97
30	Elevated reproductive effort increases blood parasitaemia and decreases immune function in birds: a meta-regression approach. <i>Functional Ecology</i> , 2009, 23, 405-415.	1.7	173
31	Juvenile Female Aggression in Cooperatively Breeding Pied Babblers: Causes and Contexts. <i>Ethology</i> , 2008, 114, 452-458.	0.5	14
32	Evolutionary Biology: Parasite, Know Thyself. <i>Current Biology</i> , 2008, 18, R655-R657.	1.8	2
33	Within-population variation in prevalence and lineage distribution of avian malaria in blue tits, <i>Cyanistes caeruleus</i> . <i>Molecular Ecology</i> , 2007, 16, 3263-3273.	2.0	194
34	Sex Ratios: Human Twins and Fraternal Effects. <i>Current Biology</i> , 2007, 17, R801-R804.	1.8	0
35	NO EVIDENCE FOR AVIAN MALARIA INFECTION DURING THE NESTLING PHASE IN A PASSERINE BIRD. <i>Journal of Parasitology</i> , 2006, 92, 1302-1304.	0.3	25