

Ryan F Hechinger

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

3,191
citations

304743

22
h-index

182427

51
g-index

54
all docs

54
docs citations

54
times ranked

3106
citing authors

#	ARTICLE	IF	CITATIONS
1	Homage to Linnaeus: How many parasites? How many hosts?. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11482-11489.	7.1	551
2	Ecosystem energetic implications of parasite and free-living biomass in three estuaries. Nature, 2008, 454, 515-518.	27.8	506
3	Host diversity begets parasite diversity: bird final hosts and trematodes in snail intermediate hosts. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 1059-1066.	2.6	330
4	Parasites Affect Food Web Structure Primarily through Increased Diversity and Complexity. PLoS Biology, 2013, 11, e1001579.	5.6	233
5	Molecular-genetic analyses reveal cryptic species of trematodes in the intertidal gastropod, <i>Batillaria cumingi</i> (Crosse). International Journal for Parasitology, 2005, 35, 793-801.	3.1	163
6	Can parasites be indicators of free-living diversity? Relationships between species richness and the abundance of larval trematodes and of local benthos and fishes. Oecologia, 2007, 151, 82-92.	2.0	115
7	Why should parasite resistance be costly?. Trends in Parasitology, 2002, 18, 116-120.	3.3	110
8	Parasites alter host phenotype and may create a new ecological niche for snail hosts. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 1323-1328.	2.6	108
9	Introduced cryptic species of parasites exhibit different invasion pathways. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 19818-19823.	7.1	97
10	A Common Scaling Rule for Abundance, Energetics, and Production of Parasitic and Free-Living Species. Science, 2011, 333, 445-448.	12.6	95
11	Social organization in a flatworm: trematode parasites form soldier and reproductive castes. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 656-665.	2.6	86
12	How large is the hand in the puppet? Ecological and evolutionary factors affecting body mass of 15 trematode parasitic castrators in their snail host. Evolutionary Ecology, 2009, 23, 651.	1.2	57
13	Food webs including parasites, biomass, body sizes, and life stages for three California/Baja California estuaries. Ecology, 2011, 92, 791-791.	3.2	55
14	Faunal survey and identification key for the trematodes (Platyhelminthes: Digenea) infecting <i>Potamopyrgus antipodarum</i> (Gastropoda: Hydrobiidae) as first intermediate host. Zootaxa, 2012, 3418, 1.	0.5	54
15	Food webs and parasites in a salt marsh ecosystem. , 2006, , 119-132.		54
16	Parasites as prey in aquatic food webs: implications for predator infection and parasite transmission. Oikos, 2013, 122, 1473-1482.	2.7	51
17	A Metabolic and Body-Size Scaling Framework for Parasite Within-Host Abundance, Biomass, and Energy Flux. American Naturalist, 2013, 182, 234-248.	2.1	50
18	Trematodes Indicate Animal Biodiversity in the Chilean Intertidal and Lake Tanganyika. Journal of Parasitology, 2008, 94, 966-968.	0.7	38

#	ARTICLE	IF	CITATIONS
19	Flying shells: historical dispersal of marine snails across Central America. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 1061-1067.	2.6	37
20	Broadening the ecology of fear: non-lethal effects arise from diverse responses to predation and parasitism. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20202966.	2.6	27
21	Mortality affects adaptive allocation to growth and reproduction: field evidence from a guild of body snatchers. <i>BMC Evolutionary Biology</i> , 2010, 10, 136.	3.2	24
22	Parasite species richness and intensity of interspecific interactions increase with latitude in two wide-ranging hosts. <i>Ecology</i> , 2015, 96, 3033-3042.	3.2	24
23	Sea-level driven glacial-age refugia and post-glacial mixing on subtropical coasts, a palaeohabitat and genetic study. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161571.	2.6	23
24	Social Organization in Parasitic Flatworms—Four Additional Echinostomoid Trematodes Have a Soldier Caste and One Does Not. <i>Journal of Parasitology</i> , 2016, 102, 11.	0.7	21
25	A Lack of Crowding? Body Size Does Not Decrease with Density for Two Behavior-Manipulating Parasites. <i>Integrative and Comparative Biology</i> , 2014, 54, 184-192.	2.0	20
26	A brain-infecting parasite impacts host metabolism both during exposure and after infection is established. <i>Functional Ecology</i> , 2021, 35, 105-116.	3.6	20
27	Reduced parasite diversity and abundance in a marine whelk in its expanded geographical range. <i>Journal of Biogeography</i> , 2014, 41, 1674-1684.	3.0	19
28	The role of competition — colonization tradeoffs and spatial heterogeneity in promoting trematode coexistence. <i>Ecology</i> , 2016, 97, 1484-1496.	3.2	17
29	Annotated key to the trematode species infecting <i>Batillaria attramentaria</i> (Prosobranchia: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.3	16
30	A native-range source for a persistent trematode parasite of the exotic New Zealand mudsnail (<i>Potamopyrgus antipodarum</i>) in France. <i>Hydrobiologia</i> , 2017, 785, 115-126.	2.0	16
31	Trematodes with a reproductive division of labour: heterophyids also have a soldier caste and early infections reveal how colonies become structured. <i>International Journal for Parasitology</i> , 2017, 47, 41-50.	3.1	13
32	Two “new” renicolid trematodes (Trematoda: Digenea: Rencolidae) from the California horn snail, <i>Cerithidea californica</i> (Haldeman, 1840) (Gastropoda: Potamididae). <i>Zootaxa</i> , 2014, 3784, 559-74.	0.5	12
33	Parasites help find universal ecological rules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1656-1657.	7.1	12
34	Long-term population fluctuations of the exotic New Zealand mudsnail <i>Potamopyrgus antipodarum</i> and its introduced aporocotylid trematode in northwestern France. <i>Hydrobiologia</i> , 2018, 817, 253-266.	2.0	12
35	Parasitic copepods (Crustacea, Hexanauplia) on fishes from the lagoon flats of Palmyra Atoll, Central Pacific. <i>ZooKeys</i> , 2019, 833, 85-106.	1.1	12
36	Metabolic theory of ecology successfully predicts distinct scaling of ectoparasite load on hosts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191777.	2.6	11

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37	Sea-level rise, habitat loss, and potential extirpation of a salt marsh specialist bird in urbanized landscapes. <i>Ecology and Evolution</i> , 2018, 8, 8115-8125.	1.9	10
38	The introduced ribbed mussel (<i>Geukensia demissa</i>) in Estero de Punta Banda, Mexico: interactions with the native cord grass, <i>Spartina foliosa</i> . <i>Biological Invasions</i> , 2005, 7, 607-614.	2.4	9
39	<i>Maritrema orensense</i> and <i>Maritrema bonaerense</i> (Digenea: Microphallidae): Descriptions, Life Cycles, and Comparative Morphometric Analyses. <i>Journal of Parasitology</i> , 2013, 99, 218-228.	0.7	8
40	Guide to the trematodes (Platyhelminthes) that infect the California horn snail (<i>Cerithideopsis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.5	8
41	ENDANGERED LIGHT-FOOTED CLAPPER RAIL AFFECTS PARASITE COMMUNITY STRUCTURE IN COASTAL WETLANDS. <i>Ecological Applications</i> , 2007, 17, 1694-1702.	3.8	7
42	Two New Species of <i>Camallanus</i> (Nematoda: Camallanidae) From Freshwater Turtles in Queensland, Australia. <i>Journal of Parasitology</i> , 2008, 94, 1364-1370.	0.7	7
43	Diversity increases biomass production for trematode parasites in snails. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 2707-2714.	2.6	7
44	Regional Distribution of a Brain-Encysting Parasite Provides Insight on Parasite-Induced Host Behavioral Manipulation. <i>Journal of Parasitology</i> , 2020, 106, 188.	0.7	7
45	Parasitic nematodes of marine fishes from Palmyra Atoll, East Indo-Pacific, including a new species of <i>Spinitectus</i> (Nematoda, Cystidicolidae). <i>ZooKeys</i> , 2019, 892, 1-26.	1.1	7
46	Monogenea of fishes from the lagoon flats of Palmyra Atoll in the Central Pacific. <i>ZooKeys</i> , 2017, 713, 1-23.	1.1	6
47	Social trematode parasites increase standing army size in areas of greater invasion threat. <i>Biology Letters</i> , 2020, 16, 20190765.	2.3	5
48	Parasite and host biomass and reproductive output in barnacle populations in the rocky intertidal zone. <i>Parasitology</i> , 2019, 146, 407-412.	1.5	3
49	Brain-encysting trematodes (<i>Euhaplorchis californiensis</i>) decrease raphe serotonergic activity in California killifish (<i>Fundulus parvipinnis</i>). <i>Biology Open</i> , 2020, 9, .	1.2	3
50	Hermaphrodites and parasitism: size-specific female reproduction drives infection by an ephemeral parasitic castrator. <i>Scientific Reports</i> , 2019, 9, 19121.	3.3	2
51	<i>Lynnina</i> <i>grapsolytica</i> n. gen, n. sp. (Ciliophora: Apostomatida: Colliniidae), a Deadly Blood Parasite of Crabs with a Novel Pseudocytopharynx. <i>Journal of Eukaryotic Microbiology</i> , 2021, 68, e12847.	1.7	2
52	Regional Distribution of a Brain-Encysting Parasite Provides Insight on Parasite-Induced Host Behavioral Manipulation. <i>Journal of Parasitology</i> , 2020, 106, 188-197.	0.7	2