

Ryan F Hechinger

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

3,191
citations

304368

22
h-index

182168

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?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11482-11489.	3.3	551
2	Ecosystem energetic implications of parasite and free-living biomass in three estuaries. <i>Nature</i> , 2008, 454, 515-518.	13.7	506
3	Host diversity begets parasite diversity: bird final hosts and trematodes in snail intermediate hosts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 1059-1066.	1.2	330
4	Parasites Affect Food Web Structure Primarily through Increased Diversity and Complexity. <i>PLoS Biology</i> , 2013, 11, e1001579.	2.6	233
5	Molecular-genetic analyses reveal cryptic species of trematodes in the intertidal gastropod, <i>Batillaria cumingi</i> (Crosse). <i>International Journal for Parasitology</i> , 2005, 35, 793-801.	1.3	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. <i>Oecologia</i> , 2007, 151, 82-92.	0.9	115
7	Why should parasite resistance be costly?. <i>Trends in Parasitology</i> , 2002, 18, 116-120.	1.5	110
8	Parasites alter host phenotype and may create a new ecological niche for snail hosts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 1323-1328.	1.2	108
9	Introduced cryptic species of parasites exhibit different invasion pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 19818-19823.	3.3	97
10	A Common Scaling Rule for Abundance, Energetics, and Production of Parasitic and Free-Living Species. <i>Science</i> , 2011, 333, 445-448.	6.0	95
11	Social organization in a flatworm: trematode parasites form soldier and reproductive castes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 656-665.	1.2	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. <i>Evolutionary Ecology</i> , 2009, 23, 651.	0.5	57
13	Food webs including parasites, biomass, body sizes, and life stages for three California/Baja California estuaries. <i>Ecology</i> , 2011, 92, 791-791.	1.5	55
14	Faunal survey and identification key for the trematodes (Platyhelminthes: Digenea) infecting <i>Potamopyrgus antipodarum</i> (Gastropoda: Hydrobiidae) as first intermediate host. <i>Zootaxa</i> , 2012, 3418, 1.	0.2	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. <i>Oikos</i> , 2013, 122, 1473-1482.	1.2	51
17	A Metabolic and Body-Size Scaling Framework for Parasite Within-Host Abundance, Biomass, and Energy Flux. <i>American Naturalist</i> , 2013, 182, 234-248.	1.0	50
18	Trematodes Indicate Animal Biodiversity in the Chilean Intertidal and Lake Tanganyika. <i>Journal of Parasitology</i> , 2008, 94, 966-968.	0.3	38

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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.	1.2	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.	1.2	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.	1.5	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.	1.2	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.	0.3	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.	0.9	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.	1.7	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.	1.4	19
28	The role of competition “colonization tradeoffs and spatial heterogeneity in promoting trematode coexistence. <i>Ecology</i> , 2016, 97, 1484-1496.	1.5	17
29	Annotated key to the trematode species infecting <i>Batillaria attramentaria</i> (Prosobranchia: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.6	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.	1.0	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.	1.3	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.	0.2	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.	3.3	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.	1.0	12
35	Parasitic copepods (Crustacea, Hexanauplia) on fishes from the lagoon flats of Palmyra Atoll, Central Pacific. <i>ZooKeys</i> , 2019, 833, 85-106.	0.5	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.	1.2	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.	0.8	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.	1.2	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.	0.3	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	0.2	8
41	ENDANGERED LIGHT-FOOTED CLAPPER RAIL AFFECTS PARASITE COMMUNITY STRUCTURE IN COASTAL WETLANDS. <i>Ecological Applications</i> , 2007, 17, 1694-1702.	1.8	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.	0.3	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.	1.2	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.	0.3	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.	0.5	7
46	Monogenea of fishes from the lagoon flats of Palmyra Atoll in the Central Pacific. <i>ZooKeys</i> , 2017, 713, 1-23.	0.5	6
47	Social trematode parasites increase standing army size in areas of greater invasion threat. <i>Biology Letters</i> , 2020, 16, 20190765.	1.0	5
48	Parasite and host biomass and reproductive output in barnacle populations in the rocky intertidal zone. <i>Parasitology</i> , 2019, 146, 407-412.	0.7	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, .	0.6	3
50	Hermaphrodites and parasitism: size-specific female reproduction drives infection by an ephemeral parasitic castrator. <i>Scientific Reports</i> , 2019, 9, 19121.	1.6	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.	0.8	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.	0.3	2