

Patrick B Hamilton

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,838
citations

331670

21
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

2512
citing authors

#	ARTICLE	IF	CITATIONS
1	The Consequences of Feminization in Breeding Groups of Wild Fish. <i>Environmental Health Perspectives</i> , 2011, 119, 306-311.	6.0	199
2	Populations of a cyprinid fish are self-sustaining despite widespread feminization of males. <i>BMC Biology</i> , 2014, 12, 1.	3.8	199
3	Trypanosomes are monophyletic: evidence from genes for glyceraldehyde phosphate dehydrogenase and small subunit ribosomal RNA. <i>International Journal for Parasitology</i> , 2004, 34, 1393-1404.	3.1	188
4	Patterns of co-evolution between trypanosomes and their hosts deduced from ribosomal RNA and protein-coding gene phylogenies. <i>Molecular Phylogenetics and Evolution</i> , 2007, 44, 15-25.	2.7	171
5	The evolution of <i>Trypanosoma cruzi</i> : the "bat seeding" hypothesis. <i>Trends in Parasitology</i> , 2012, 28, 136-141.	3.3	121
6	Population-level consequences for wild fish exposed to sublethal concentrations of chemicals – a critical review. <i>Fish and Fisheries</i> , 2016, 17, 545-566.	5.3	119
7	An Environmental Estrogen Alters Reproductive Hierarchies, Disrupting Sexual Selection in Group-Spawning Fish. <i>Environmental Science & Technology</i> , 2008, 42, 5020-5025.	10.0	95
8	Evolutionary Insights from Bat Trypanosomes: Morphological, Developmental and Phylogenetic Evidence of a New Species, <i>Trypanosoma (Schizotrypanum) erneyi</i> sp. nov., in African Bats Closely Related to <i>Trypanosoma (Schizotrypanum) cruzi</i> and Allied Species. <i>Protist</i> , 2012, 163, 856-872.	1.5	85
9	Implications of Persistent Exposure to Treated Wastewater Effluent for Breeding in Wild Roach (<i>Rutilus rutilus</i>) Populations. <i>Environmental Science & Technology</i> , 2011, 45, 1673-1679.	10.0	75
10	Adaptive capabilities and fitness consequences associated with pollution exposure in fish. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160042.	4.0	63
11	<i>Trypanosoma livingstonei</i> : a new species from African bats supports the bat seeding hypothesis for the <i>Trypanosoma cruzi</i> clade. <i>Parasites and Vectors</i> , 2013, 6, 221.	2.5	61
12	Parasites reveal movement of bats between the New and Old Worlds. <i>Molecular Phylogenetics and Evolution</i> , 2012, 63, 521-526.	2.7	51
13	<i>Trypanosoma rangeli</i> is phylogenetically closer to Old World trypanosomes than to <i>Trypanosoma cruzi</i> . <i>International Journal for Parasitology</i> , 2018, 48, 569-584.	3.1	46
14	New insights into the evolution of the <i>Trypanosoma cruzi</i> clade provided by a new trypanosome species tightly linked to Neotropical <i>Pteronotus</i> bats and related to an Australian lineage of trypanosomes. <i>Parasites and Vectors</i> , 2015, 8, 657.	2.5	45
15	Multilocus phylogeographical analysis of <i>Trypanosoma (Megatrypanum)</i> genotypes from sympatric cattle and water buffalo populations supports evolutionary host constraint and close phylogenetic relationships with genotypes found in other ruminants. <i>International Journal for Parasitology</i> , 2011, 41, 1385-1396.	3.1	44
16	Are Toxicological Responses in Laboratory (Inbred) Zebrafish Representative of Those in Outbred (Wild) Populations? – A Case Study with an Endocrine Disrupting Chemical. <i>Environmental Science & Technology</i> , 2011, 45, 4166-4172.	10.0	41
17	Application of a novel molecular method to age free-living wild Bechstein's bats. <i>Molecular Ecology Resources</i> , 2018, 18, 1374-1380.	4.8	40
18	Do stressful conditions make adaptation difficult? Guppies in the oil-polluted environments of southern Trinidad. <i>Evolutionary Applications</i> , 2015, 8, 854-870.	3.1	39

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19	The long shadow of our chemical past – High DDT concentrations in fish near a former agrochemicals factory in England. <i>Chemosphere</i> , 2016, 162, 333-344.	8.2	31
20	Evolution of non-kin cooperation: social assortment by cooperative phenotype in guppies. <i>Royal Society Open Science</i> , 2019, 6, 181493.	2.4	30
21	The phylogeography of trypanosomes from South American alligatorids and African crocodilids is consistent with the geological history of South American river basins and the transoceanic dispersal of <i>Crocodylus</i> at the Miocene. <i>Parasites and Vectors</i> , 2013, 6, 313.	2.5	27
22	Resolving relationships between Australian trypanosomes using DNA barcoding data. <i>Trends in Parasitology</i> , 2011, 27, 99.	3.3	16
23	Interactive effects of inbreeding and endocrine disruption on reproduction in a model laboratory fish. <i>Evolutionary Applications</i> , 2013, 6, 279-289.	3.1	14
24	Genetic structure and diversity of a rare woodland bat, <i>Myotis bechsteinii</i> : comparison of continental Europe and Britain. <i>Conservation Genetics</i> , 2018, 19, 777-787.	1.5	12
25	Effects of Exposure to WwTW Effluents over Two Generations on Sexual Development and Breeding in Roach (<i>Rutilus rutilus</i>). <i>Environmental Science & Technology</i> , 2015, 49, 12994-13002.	10.0	11
26	Is <i>Trypanosoma vivax</i> genetically diverse?. <i>Trends in Parasitology</i> , 2012, 28, 173.	3.3	6
27	Feminizing effects of ethinylestradiol in roach (<i>Rutilus rutilus</i>) populations with different estrogenic pollution exposure histories. <i>Aquatic Toxicology</i> , 2022, 249, 106229.	4.0	4
28	Investigation into Adaptation in Genes Associated with Response to Estrogenic Pollution in Populations of Roach (<i>Rutilus rutilus</i>) Living in English Rivers. <i>Environmental Science & Technology</i> , 2020, 54, 15935-15945.	10.0	3
29	Classification and Phylogeny of <i>Trypanosoma cruzi</i> . , 2010, , 321-338.		2