

Ondřej Slavák

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

1,134
citations

471371

17
h-index

477173

29
g-index

58
all docs

58
docs citations

58
times ranked

1347
citing authors

#	ARTICLE	IF	CITATIONS
1	Fish self-awareness: limits of current knowledge and theoretical expectations. <i>Animal Cognition</i> , 2022, 25, 447-461.	0.9	2
2	Comparative study of stress responses, laterality and familiarity recognition between albino and pigmented fish. <i>Zoology</i> , 2022, 150, 125982.	0.6	5
3	Effects of physical parameters on fish migration between a reservoir and its tributaries. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
4	Performance of cyprinids in non-reversing mirrors versus regular mirrors in tests of aggressiveness. <i>Journal of Ethology</i> , 2021, 39, 97-105.	0.4	3
5	Spatial distribution of native fish species in tributaries is altered by the dispersal of non-native species from reservoirs. <i>Science of the Total Environment</i> , 2021, 755, 143108.	3.9	8
6	Traces of tramadol in water impact behaviour in a native European fish. <i>Ecotoxicology and Environmental Safety</i> , 2021, 212, 111999.	2.9	14
7	Methamphetamine pollution elicits addiction in wild fish. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	29
8	Prescribed aggression of fishes: Pharmaceuticals modify aggression in environmentally relevant concentrations. <i>Ecotoxicology and Environmental Safety</i> , 2021, 227, 112944.	2.9	13
9	In situ and low-cost monitoring of particles falling from freshwater animals: from microplastics to parasites. , 2020, 8, coaa088.		4
10	Testâ€dependent expression of behavioral syndromes: A study of aggressiveness, activity, and stress of chub. <i>Aggressive Behavior</i> , 2020, 46, 412-424.	1.5	6
11	Environmentally relevant levels of four psychoactive compounds vary in their effects on freshwater fish condition: a brain concentration evidence approach. <i>PeerJ</i> , 2020, 8, e9356.	0.9	8
12	Pupil size variation as a response to stress in European catfish and its application for social stress detection in albino conspecifics. <i>PLoS ONE</i> , 2020, 15, e0244017.	1.1	7
13	Altered thermoregulation as a driver of host behaviour in glochidia-parasitised fish. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	14
14	Migration of Non-Native Predator Asp (<i>Leuciscus aspius</i>) from a Reservoir Poses a Potential Threat to Native Species in Tributaries. <i>Water (Switzerland)</i> , 2019, 11, 1306.	1.2	8
15	Hospital wastewaters treatment: Fenton reaction vs. BDDE vs. ferrate(VI). <i>Environmental Science and Pollution Research</i> , 2019, 26, 31812-31821.	2.7	16
16	Home range size decreases with increasing site fidelity in high-density subpopulations of brown trout. <i>Ethology Ecology and Evolution</i> , 2019, 31, 421-434.	0.6	4
17	Host-parasite interaction as a toxicity test endpoint using asymmetrical exposures. <i>Aquatic Toxicology</i> , 2019, 211, 173-180.	1.9	8
18	Effect of implanting a passive integrated transponder tag in juvenile chub, <i>Squalius cephalus</i> (L.), on their condition, growth and survival. <i>European Journal of Environmental Sciences</i> , 2019, 9, 102-105.	0.6	1

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19	Diel movement of brown trout, <i>Salmo trutta</i> , is reduced in dense populations with high site fidelity. <i>Ecology and Evolution</i> , 2018, 8, 4495-4507.	0.8	6
20	Improved river continuity facilitates fishes' abilities to track future environmental changes. <i>Journal of Environmental Management</i> , 2018, 208, 169-179.	3.8	29
21	Ecology, behaviour and management of the European catfish. <i>Reviews in Fish Biology and Fisheries</i> , 2018, 28, 177-190.	2.4	63
22	Parasite-induced increases in the energy costs of movement of host freshwater fish. <i>Physiology and Behavior</i> , 2017, 171, 127-134.	1.0	35
23	Diel and seasonal rhythms of asp <i>Leuciscus asp</i> (L.) in a riverine environment. <i>Ethology Ecology and Evolution</i> , 2017, 29, 449-459.	0.6	13
24	The future distribution of river fish: The complex interplay of climate and land use changes, species dispersal and movement barriers. <i>Global Change Biology</i> , 2017, 23, 4970-4986.	4.2	79
25	Feeding habits of the alien brook trout <i>Salvelinus fontinalis</i> and the native brown trout <i>Salmo trutta</i> in Czech mountain streams. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2017, , 6.	0.5	8
26	Invasive Chinese pond mussel <i>Sinanodonta woodiana</i> threatens native mussel reproduction by inducing cross-resistance of host fish. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2017, 27, 1325-1333.	0.9	48
27	Direct impact of invasive bivalve (<i>Sinanodonta woodiana</i>) parasitism on freshwater fish physiology: evidence and implications. <i>Biological Invasions</i> , 2017, 19, 989-999.	1.2	27
28	Synergistic and antagonistic interactions of future land use and climate change on river fish assemblages. <i>Global Change Biology</i> , 2016, 22, 1505-1522.	4.2	66
29	Familiarity, prior residency, resource availability and body mass as predictors of the movement activity of the European catfish. <i>Journal of Ethology</i> , 2016, 34, 23-30.	0.4	14
30	Effect of individuals' local persistence, and spatial and temporal scale, on density-dependent growth: a study in brown trout <i>Salmo trutta</i> . <i>Ethology Ecology and Evolution</i> , 2016, 28, 272-283.	0.6	6
31	How does agonistic behaviour differ in albino and pigmented fish?. <i>PeerJ</i> , 2016, 4, e1937.	0.9	17
32	Radio-telemetry shows differences in the behaviour of wild and hatchery-reared European grayling <i>Thymallus thymallus</i> in response to environmental variables. <i>Journal of Fish Biology</i> , 2015, 86, 544-557.	0.7	11
33	Demogenetic structure of brown trout <i>Salmo trutta</i> Linnaeus, 1758 populations in mountain headwaters: implications for conservation management. <i>Journal of Applied Ichthyology</i> , 2015, 31, 501-508.	0.3	3
34	Ostracism of an Albino Individual by a Group of Pigmented Catfish. <i>PLoS ONE</i> , 2015, 10, e0128279.	1.1	17
35	Parasite-induced alterations of host behaviour in a riverine fish: the effects of glochidia on host dispersal. <i>Freshwater Biology</i> , 2014, 59, 1452-1461.	1.2	38
36	Validation of scale-reading estimates of age and growth in a brown trout <i>Salmo trutta</i> population. <i>Biologia (Poland)</i> , 2014, 69, 691-695.	0.8	7

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37	Energy Costs of Catfish Space Use as Determined by Biotelemetry. PLoS ONE, 2014, 9, e98997.	1.1	9
38	Distribution and growth of brown trout in pristine headwaters of Central Europe. Open Life Sciences, 2013, 8, 263-271.	0.6	7
39	Shelter use of familiar and unfamiliar groups of juvenile European catfish <i>Silurus glanis</i> . Applied Animal Behaviour Science, 2012, 142, 116-123.	0.8	20
40	Diel dualism in the energy consumption of the European catfish <i>Silurus glanis</i> . Journal of Fish Biology, 2012, 81, 2223-2234.	0.7	18
41	Brown Trout Spawning Migration in Fragmented Central European Headwaters: Effect of Isolation by Artificial Obstacles and the Moon Phase. Transactions of the American Fisheries Society, 2012, 141, 673-680.	0.6	25
42	The response of the young of the year fish to river obstacles: Functional and numerical linkages between dams, weirs, fish habitat guilds and biotic integrity across large spatial scale. Ecological Indicators, 2012, 23, 634-640.	2.6	33
43	Diurnal behavioural patterns and spread of the Ponto-Caspian invader <i>Hemimysis anomala</i> G. O. Sars, 1907 (Crustacea, Mysidacea) in the Elbe River, Czech Republic. International Review of Hydrobiology, 2012, 97, 454-462.	0.5	1
44	The role of host specificity in explaining the invasion success of the freshwater mussel <i>Anodonta woodiana</i> in Europe. Biological Invasions, 2012, 14, 127-137.	1.2	110
45	Effect of grading on energy consumption in European catfish <i>Silurus glanis</i> . Aquaculture, 2011, 313, 73-78.	1.7	18
46	Fish occurrence in the fishpass on the lowland section of the River Elbe, Czech Republic, with respect to water temperature, water flow and fish size. Folia Zoologica, 2011, 60, 104-114.	0.9	18
47	Young-of-the-year fish assemblages as an alternative to adult fish monitoring for ecological quality evaluation of running waters. Hydrobiologia, 2010, 644, 89-101.	1.0	20
48	Post-release growth and dispersal of pond and hatchery-reared European grayling <i>Thymallus thymallus</i> compared with their wild conspecifics in a small stream. Journal of Fish Biology, 2010, 76, 684-693.	0.7	13
49	When fish meet fish as determined by physiological sensors. Ecology of Freshwater Fish, 2009, 18, 501-506.	0.7	15
50	Factors influencing movement behaviour and home range size in ide <i>Leuciscus idus</i> . Journal of Fish Biology, 2009, 74, 1269-1279.	0.7	29
51	A telemetry study on the diurnal distribution and activity of adult pikeperch, <i>Sander lucioperca</i> (L.), in a riverine environment. Hydrobiologia, 2008, 614, 151-157.	1.0	13
52	Diurnal and seasonal behaviour of adult and juvenile European catfish as determined by radio-telemetry in the River Berounka, Czech Republic. Journal of Fish Biology, 2007, 71, 101-114.	0.7	48
53	Behavioural pattern in cyprinid fish below a weir as detected by radio telemetry. Journal of Applied Ichthyology, 2007, 23, 679-683.	0.3	10
54	Does Stream Morphology Predict the Home Range Size in Burbot?. Environmental Biology of Fishes, 2005, 74, 89-98.	0.4	15

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55	Factors affecting migrations of burbot. <i>Journal of Fish Biology</i> , 2002, 60, 989-998.	0.7	17
56	Spatial Distribution and Temporal Variance of Fish Communities in the Channelized and Regulated Vltava River (Central Europe). <i>Environmental Biology of Fishes</i> , 2001, 61, 47-55.	0.4	16
57	Non-native fish introductions in the Czech Republic - species inventory, facts and future perspectives. <i>Journal of Applied Ichthyology</i> , 0, 26, 38-45.	0.3	38