

Juergen Geist

List of Publications by Year in descending order

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Version: 2024-02-01

245
papers

8,965
citations

57681

46
h-index

78623

77
g-index

257
all docs

257
docs citations

257
times ranked

8089
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydropeaking impairs upstream salmonid spawning habitats in a restored Danube tributary. <i>River Research and Applications</i> , 2023, 39, 389-400.	0.7	6
2	Water level induced changes of habitat quality determine fish community composition in restored and modified riverbanks of a large alpine river. <i>International Review of Hydrobiology</i> , 2022, 107, 46-59.	0.5	8
3	Ecological Indicators for Surface Water Quality - Methodological Approaches to Fish Community Assessments in China and Germany. <i>Terrestrial Environmental Sciences</i> , 2022, , 47-67.	0.5	0
4	Genome-Wide Reconstruction of Rediploidization Following Autopolyploidization across One Hundred Million Years of Salmonid Evolution. <i>Molecular Biology and Evolution</i> , 2022, 39, .	3.5	24
5	Nutrient and fine sediment loading from fish pond drainage to pearl mussel streams – Management implications for highly valuable stream ecosystems. <i>Journal of Environmental Management</i> , 2022, 302, 113987.	3.8	9
6	Impacts of native and invasive crayfish on three native and one invasive freshwater mussel species. <i>Freshwater Biology</i> , 2022, 67, 389-403.	1.2	9
7	A global agenda for advancing freshwater biodiversity research. <i>Ecology Letters</i> , 2022, 25, 255-263.	3.0	95
8	Comparative assessment of hydropower risks for fishes using the novel European fish hazard Index. <i>Sustainable Energy Technologies and Assessments</i> , 2022, 51, 101906.	1.7	0
9	Assessment of Aquatic Reed Stands from Airborne Photogrammetric 3K Data. <i>Remote Sensing</i> , 2022, 14, 337.	1.8	0
10	Distribution and potential impacts of non-native Chinese pond mussels <i>Sinanodonta woodiana</i> (Lea.) Tj ETQq0 0 0 rgBT /Overclock 10 Tf	1.2	12
11	Restoring Rivers and Floodplains for Habitat and Flood Risk Reduction: Experiences in Multi-Benefit Floodplain Management From California and Germany. <i>Frontiers in Environmental Science</i> , 2022, 9, .	1.5	37
12	Signs of the times: Isotopic signature changes in several fish species following invasion of Lake Constance by quagga mussels. <i>Journal of Great Lakes Research</i> , 2022, 48, 746-755.	0.8	4
13	Immunohistochemical Detection of Various Proteoglycans in the Extracellular Matrix of Zebra Mussels. <i>Fishes</i> , 2022, 7, 74.	0.7	1
14	Disrupted biomineralization in zebra mussels after exposure to bisphenol-A: Potential implications for molar-incisor hypomineralization. <i>Dental Materials</i> , 2022, 38, 689-699.	1.6	1
15	Effects of Stream Thermal Variability on Macroinvertebrate Community: Emphasis on Native Versus Non-Native Gammarid Species. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	6
16	Dietary exposure to four sizes of spherical polystyrene, polylactide and silica nanoparticles does not affect mortality, behaviour, feeding and energy assimilation of <i>Gammarus roeseli</i> . <i>Ecotoxicology and Environmental Safety</i> , 2022, 238, 113581.	2.9	2
17	Diatom Red List Species Reveal High Conservation Value and Vulnerability of Mountain Lakes. <i>Diversity</i> , 2022, 14, 389.	0.7	3
18	Spatio-Temporal Monitoring of Benthic Anatoxin-a-Producing <i>Tychonema</i> sp. in the River Lech, Germany. <i>Toxins</i> , 2022, 14, 357.	1.5	5

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19	Experimental comparison of fish mortality and injuries at innovative and conventional small hydropower plants. <i>Journal of Applied Ecology</i> , 2022, 59, 2360-2372.	1.9	14
20	Impacts and Risks of Hydropower. , 2022, , 41-60.		3
21	Influence of stream characteristics and population size on downstream transport of freshwater mollusk environmental DNA. <i>Freshwater Science</i> , 2021, 40, 191-201.	0.9	19
22	Cryptic alternative male mating strategies in invasive alien round goby (<i>Neogobius melanostomus</i>) of the upper Danube River. <i>Biological Invasions</i> , 2021, 23, 381-385.	1.2	6
23	Sneaker, Dweller and Commuter: Evaluating Fish Behavior in Net-Based Monitoring at Hydropower Plantsâ€”A Case Study on Brown Trout (<i>Salmo trutta</i>). <i>Sustainability</i> , 2021, 13, 669.	1.6	0
24	The Crown Pearl: a draft genome assembly of the European freshwater pearl mussel <i>Margaritifera margaritifera</i> (Linnaeus, 1758). <i>DNA Research</i> , 2021, 28, .	1.5	15
25	The role of anthropogenic habitats in freshwater mussel conservation. <i>Global Change Biology</i> , 2021, 27, 2298-2314.	4.2	24
26	Moving Toward Standardized Toxicity Testing Procedures with Particulates by Dietary Exposure of Gammarids. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 1463-1476.	2.2	3
27	Effect of fish pond drainage on turbidity, suspended solids, fine sediment deposition and nutrient concentration in receiving pearl mussel streams. <i>Environmental Pollution</i> , 2021, 274, 116520.	3.7	11
28	Integration of Constructed Floodplain Ponds into Nature-Like Fish Passes Supports Fish Diversity in a Heavily Modified Water Body. <i>Water (Switzerland)</i> , 2021, 13, 1018.	1.2	7
29	Assessing Stream Thermal Heterogeneity and Cold-Water Patches from UAV-Based Imagery: A Matter of Classification Methods and Metrics. <i>Remote Sensing</i> , 2021, 13, 1379.	1.8	20
30	The <i>HydroEcoSedimentary</i> tool: An integrated approach to characterise interstitial hydro-sedimentary and associated ecological processes. <i>River Research and Applications</i> , 2021, 37, 988-1002.	0.7	4
31	Algal Community Change in Mountain Lakes of the Alps Reveals Effects of Climate Warming and Shifting Treelines ¹ . <i>Journal of Phycology</i> , 2021, 57, 1266-1283.	1.0	11
32	Effects of water temperature on glochidium viability of <i>Unio crassus</i> and <i>Sinanodonta woodiana</i> : implications for conservation, management and captive breeding. <i>Journal of Molluscan Studies</i> , 2021, 87, .	0.4	13
33	Unravelling climate change impacts from other anthropogenic influences in a subalpine lake: a multi-proxy sediment study from Oberer Soiernsee (Northern Alps, Germany). <i>Hydrobiologia</i> , 2021, 848, 4285-4309.	1.0	6
34	Lake-stream transition zones support hotspots of freshwater ecosystem services: Evidence from a 35-year study on unionid mussels. <i>Science of the Total Environment</i> , 2021, 774, 145114.	3.9	9
35	SEM images reveal intraspecific differences in egg surface properties of common nase (<i>Notemigonus crysoleucas</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1 0.3 2		
36	Editorial: Green or red: Challenges for fish and freshwater biodiversity conservation related to hydropower. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 1551-1558.	0.9	41

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37	Feeding Ecology of Invasive Three-Spined Stickleback (<i>Gasterosteus aculeatus</i>) in Relation to Native Juvenile Eurasian Perch (<i>Perca fluviatilis</i>) in the Pelagic Zone of Upper Lake Constance. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	8
38	Going with the flow: Spatio-temporal drift patterns of larval fish in a large alpine river. <i>Freshwater Biology</i> , 2021, 66, 1765-1781.	1.2	16
39	Securing genetic integrity in freshwater pearl mussel propagation and captive breeding. <i>Scientific Reports</i> , 2021, 11, 16019.	1.6	11
40	Environmental threats and conservation implications for Atlantic salmon and brown trout during their critical freshwater phases of spawning, egg development and juvenile emergence. <i>Fisheries Management and Ecology</i> , 2021, 28, 437-467.	1.0	19
41	The hunter and the hunted – A 3D analysis of predator-prey interactions between three-spined sticklebacks (<i>Gasterosteus aculeatus</i>) and larvae of different prey fishes. <i>PLoS ONE</i> , 2021, 16, e0256427.	1.1	3
42	What evidence exists for evaluating the effectiveness of conservation-oriented captive breeding and release programs for imperilled freshwater fishes and mussels? ¹ . <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2021, 78, 1332-1346.	0.7	14
43	Transfer and transformations of oxygen in rivers as catchment reflectors of continental landscapes: A review. <i>Earth-Science Reviews</i> , 2021, 220, 103729.	4.0	16
44	Wasted effort or promising approach – “ Does it make sense to build an engineered spawning ground for rheophilic fish in reservoir cascades?. <i>Ecological Engineering</i> , 2021, 173, 106434.	1.6	5
45	Revisiting global trends in freshwater insect biodiversity. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021, 8, e1506.	2.8	34
46	Negative effects of parasite exposure and variable thermal stress on brown trout (<i>Salmo trutta</i>) under future climatic and hydropower production scenarios. <i>Climate Change Ecology</i> , 2021, 2, 100039.	0.9	4
47	Assessment of Neural Networks for Stream-Water-Temperature Prediction. , 2021, , .		2
48	Seasonal and diurnal variation of downstream fish movement at four small-scale hydropower plants. <i>Ecology of Freshwater Fish</i> , 2020, 29, 74-88.	0.7	21
49	Substrate composition determines emergence success and development of European nase larvae (<i>Chondrostoma nasus</i> L.). <i>Ecology of Freshwater Fish</i> , 2020, 29, 121-131.	0.7	19
50	Shape characteristics of suspended solids and implications in different salmonid aquaculture production systems. <i>Aquaculture</i> , 2020, 516, 734631.	1.7	12
51	Effects of multiple stressors on the distribution of fish communities in 203 headwater streams of Rhine, Elbe and Danube. <i>Science of the Total Environment</i> , 2020, 703, 134523.	3.9	34
52	Need for routine tracking of biological invasions. <i>Conservation Biology</i> , 2020, 34, 1311-1314.	2.4	36
53	Making up the bed: Gravel cleaning as a contribution to nase (<i>Chondrostoma nasus</i> L.) spawning and recruitment success. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 2269-2283.	0.9	16
54	Spatiotemporal variation of streambed quality and fine sediment deposition in five freshwater pearl mussel streams, in relation to extreme drought, strong rain and snow melt. <i>Limnologia</i> , 2020, 85, 125833.	0.7	20

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55	Depth-distribution of lake benthic diatom assemblages in relation to light availability and substrate: implications for paleolimnological studies. <i>Journal of Paleolimnology</i> , 2020, 64, 315-334.	0.8	25
56	Identification of the ecological preferences of <i>Cyclotella comensis</i> in mountain lakes of the northern European Alps. <i>Arctic, Antarctic, and Alpine Research</i> , 2020, 52, 512-523.	0.4	7
57	Evaluating Cost Trade-Offs between Hydropower and Fish Passage Mitigation. <i>Sustainability</i> , 2020, 12, 8520.	1.6	17
58	Unmanned Aerial Vehicle (UAV)-Based Thermal Infra-Red (TIR) and Optical Imagery Reveals Multi-Spatial Scale Controls of Cold-Water Areas Over a Groundwater-Dominated Riverscape. <i>Frontiers in Environmental Science</i> , 2020, 8, .	1.5	28
59	Composition of highly diverse diatom community shifts as response to climate change: A down-core study of 23 central European mountain lakes. <i>Ecological Indicators</i> , 2020, 117, 106590.	2.6	13
60	Invasive zebra mussel (<i>Dreissena polymorpha</i>) threatens an exceptionally large population of the depressed river mussel (<i>Pseudanodonta complanata</i>) in a postglacial lake. <i>Ecology and Evolution</i> , 2020, 10, 4918-4927.	0.8	15
61	<i>Phacotus lenticularis</i> content in carbonate sediments and epilimnion in four German hard water lakes. <i>Journal of Limnology</i> , 2020, 79, .	0.3	1
62	Representative monitoring of the calcifying alga &Phacotus lenticularis& (Chlamydomphyceae) in lentic ecosystems. <i>Journal of Limnology</i> , 2020, 79, .	0.3	1
63	The silicification value: a novel diatom-based indicator to assess climate change in freshwater habitats. <i>Diatom Research</i> , 2020, 35, 1-16.	0.5	11
64	A proposed unified framework to describe the management of biological invasions. <i>Biological Invasions</i> , 2020, 22, 2633-2645.	1.2	80
65	Conservation status of two endangered freshwater mussel species in Bavaria, Germany: Habitat quality, threats, and implications for conservation management. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 647-661.	0.9	21
66	Modulation of PAH toxicity on the freshwater organism <i>G.Âroeseli</i> by microparticles. <i>Environmental Pollution</i> , 2020, 260, 113999.	3.7	43
67	Evaluating climate change impacts on mountain lakes by applying the new silicification value to paleolimnological samples. <i>Science of the Total Environment</i> , 2020, 715, 136913.	3.9	9
68	Assessing turbine passage effects on internal fish injury and delayed mortality using X-ray imaging. <i>PeerJ</i> , 2020, 8, e9977.	0.9	22
69	Reproduction success of the invasive <i>Sinanodonta woodiana</i> (Lea 1834) in relation to native mussel species. <i>Biological Invasions</i> , 2019, 21, 3451-3465.	1.2	23
70	Taxonomic and geographical representation of freshwater environmental DNA research in aquatic conservation. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 1996-2009.	0.9	67
71	Do We Know Enough to Save European Riverine Fish?â€”A Systematic Review on Autecological Requirements During Critical Life Stages of 10 Rheophilic Species at Risk. <i>Sustainability</i> , 2019, 11, 5011.	1.6	14
72	Developing a standard approach for monitoring freshwater pearl mussel (<i>Margaritifera</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 <i>Freshwater Ecosystems</i> , 2019, 29, 1365-1379.	0.9	52

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73	Essay: Making the most of recent advances in freshwater mussel propagation and restoration. <i>Conservation Science and Practice</i> , 2019, 1, e53.	0.9	27
74	HESS Opinions: Socio-economic and ecological trade-offs of flood management – benefits of a transdisciplinary approach. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 1035-1044.	1.9	40
75	Host (<i>Salmo trutta</i>) age influences resistance to infestation by freshwater pearl mussel (<i>Margaritifera margaritifera</i>) glochidia. <i>Parasitology Research</i> , 2019, 118, 1519-1532.	0.6	15
76	Effects of environmental flows in a restored floodplain system on the community composition of fish, macroinvertebrates and macrophytes. <i>Ecological Engineering</i> , 2019, 132, 75-86.	1.6	28
77	Effectiveness of the electric fish fence as a behavioural barrier at a pumping station. <i>Marine and Freshwater Research</i> , 2019, 70, 1459.	0.7	9
78	Does environmental stress affect cortisol biodistribution in freshwater mussels?. , 2019, 7, coz101.		3
79	Fish Passage and Injury Risk at a Surface Bypass of a Small-Scale Hydropower Plant. <i>Sustainability</i> , 2019, 11, 6037.	1.6	17
80	Effectiveness of catchment erosion protection measures and scale-dependent response of stream biota. <i>Hydrobiologia</i> , 2019, 830, 77-92.	1.0	31
81	Host fish status of native and invasive species for the freshwater mussel <i>Anodonta anatina</i> (Linnaeus.) Tj ETQq1 1 0,784314 rgBT /Ov	1.9	18
82	A spatially explicit approach to prioritize protection areas for endangered freshwater mussels. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 12-23.	0.9	16
83	Phenotypic variation disguises genetic differences among <i>Najas major</i> and <i>N. marina</i> , and their hybrids. <i>Aquatic Botany</i> , 2019, 153, 15-23.	0.8	7
84	Sentinel-2 for mapping the spatio-temporal development of submerged aquatic vegetation at Lake Starnberg (Germany). <i>Journal of Limnology</i> , 2019, 78, .	0.3	15
85	Fish injury and mortality at pumping stations: a comparison of conventional and fish-friendly pumps. <i>Marine and Freshwater Research</i> , 2019, 70, 449.	0.7	17
86	Impact of catchment land use on fish community composition in the headwater areas of Elbe, Danube and Main. <i>Science of the Total Environment</i> , 2019, 652, 66-74.	3.9	45
87	Developmental exposure to environmentally relevant concentrations of bifenthrin alters transcription of mTOR and ryanodine receptor-dependent signaling molecules and impairs predator avoidance behavior across early life stages in inland silversides (<i>Menidia beryllina</i>). <i>Aquatic Toxicology</i> , 2019, 206, 1-13.	1.9	46
88	Life cycle assessment of common carp (<i>Cyprinus carpio</i> L.) – A comparison of the environmental impacts of conventional and organic carp aquaculture in Germany. <i>Aquaculture</i> , 2019, 501, 404-415.	1.7	43
89	Effects of unionized ammonia and suspended solids on rainbow trout (<i>Oncorhynchus mykiss</i>) in recirculating aquaculture systems. <i>Aquaculture</i> , 2019, 499, 348-357.	1.7	25
90	High genetic diversity and low differentiation in North American <i>Margaritifera margaritifera</i> (Bivalvia: Unionida: Margaritiferidae). <i>Biological Journal of the Linnean Society</i> , 2018, 123, 850-863.	0.7	16

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91	The importance of stream interstitial conditions for the early life stage development of the European nase (<i>Chondrostoma nasus</i> L.). <i>Ecology of Freshwater Fish</i> , 2018, 27, 920-932.	0.7	26
92	Exposure of zebra mussels to extracorporeal shock waves demonstrates formation of new mineralized tissue inside and outside the focus zone. <i>Biology Open</i> , 2018, 7, .	0.6	8
93	Influence of cyanobacteria, mixotrophic flagellates, and virioplankton size fraction on transcription of microcystin synthesis genes in the toxic cyanobacterium <i>Microcystis aeruginosa</i> . <i>MicrobiologyOpen</i> , 2018, 7, e00538.	1.2	3
94	Foraging habits of invasive three-spined sticklebacks (<i>Gasterosteus aculeatus</i>) – impacts on fisheries yield in Upper Lake Constance. <i>Fisheries Research</i> , 2018, 204, 172-180.	0.9	22
95	Catch-related fish injury and catch efficiency of stow-net-based fish recovery installations for fish monitoring at hydropower plants. <i>Fisheries Management and Ecology</i> , 2018, 25, 31-43.	1.0	16
96	Glacial perturbations shaped the genetic population structure of the endangered thick-shelled river mussel (<i>Unio crassus</i> , Philipsson 1788) in Central and Northern Europe. <i>Hydrobiologia</i> , 2018, 810, 177-189.	1.0	8
97	Habitat diversity and connectivity govern the conservation value of restored aquatic floodplain habitats. <i>Biological Conservation</i> , 2018, 217, 1-10.	1.9	58
98	Spatio-temporal distribution pattern of the picocyanobacterium <i>Synechococcus</i> in lakes of different trophic states: a comparison of flow cytometry and sequencing approaches. <i>Hydrobiologia</i> , 2018, 811, 77-92.	1.0	20
99	Physiological consequences of chronic exposure of rainbow trout (<i>Oncorhynchus mykiss</i>) to suspended solid load in recirculating aquaculture systems. <i>Aquaculture</i> , 2018, 484, 228-241.	1.7	23
100	Extent and Causes of Siltation in a Headwater Stream Bed: Catchment Soil Erosion is Less Important than Internal Stream Processes. <i>Land Degradation and Development</i> , 2018, 29, 737-748.	1.8	43
101	Quantification of Extent, Density, and Status of Aquatic Reed Beds Using Point Clouds Derived from UAV RGB Imagery. <i>Remote Sensing</i> , 2018, 10, 1869.	1.8	16
102	Identification of a piscine reovirus-related pathogen in proliferative darkening syndrome (PDS) infected brown trout (<i>Salmo trutta fario</i>) using a next-generation technology detection pipeline. <i>PLoS ONE</i> , 2018, 13, e0206164.	1.1	20
103	Calcite production by the calcifying green alga <i>Phacotus lenticularis</i> . <i>Journal of Limnology</i> , 2018, 77, .	0.3	5
104	The Contribution of Different Restored Habitats to Fish Diversity and Population Development in a Highly Modified River: A Case Study from the River GÄnz. <i>Water (Switzerland)</i> , 2018, 10, 1202.	1.2	22
105	Physical and hydraulic forces experienced by fish passing through three different low-head hydropower turbines. <i>Marine and Freshwater Research</i> , 2018, 69, 1934.	0.7	32
106	Comparison of sonar-, camera- and net-based methods in detecting riverine fish-movement patterns. <i>Marine and Freshwater Research</i> , 2018, 69, 1905.	0.7	25
107	Comprehensive analysis of >30 years of data on stream fish population trends and conservation status in Bavaria, Germany. <i>Biological Conservation</i> , 2018, 226, 311-320.	1.9	50
108	Leaching behavior and ecotoxicological effects of different game shot materials in freshwater. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2018, , 24.	0.5	4

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109	Genetic structure of Irish freshwater pearl mussels (<i>Margaritifera margaritifera</i>) implications. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 923-933.	0.9	21
110	Bifenthrin causes transcriptomic alterations in mTOR and ryanodine receptor-dependent signaling and delayed hyperactivity in developing zebrafish (<i>Danio rerio</i>). <i>Aquatic Toxicology</i> , 2018, 200, 50-61.	1.9	41
111	Modelling heights of sparse aquatic reed (<i>Phragmites australis</i>) using Structure from Motion point clouds derived from Rotary- and Fixed-Wing Unmanned Aerial Vehicle (UAV) data. <i>Limnologica</i> , 2018, 72, 10-21.	0.7	20
112	Invasion strategies in round goby (<i>Neogobius melanostomus</i>): Is bigger really better?. <i>PLoS ONE</i> , 2018, 13, e0190777.	1.1	21
113	Population trends of invasive alien gobies in the upper Danube River: 10 years after first detection of the globally invasive round goby (<i>Neogobius melanostomus</i>). <i>Aquatic Invasions</i> , 2018, 13, 525-535.	0.6	20
114	Conservation status of freshwater mussels in Europe: state of the art and future challenges. <i>Biological Reviews</i> , 2017, 92, 572-607.	4.7	400
115	Joint species models reveal the effects of environment on community assemblage of freshwater mussels and fishes in European rivers. <i>Diversity and Distributions</i> , 2017, 23, 284-296.	1.9	33
116	Duration of the parasitic phase determines subsequent performance in juvenile freshwater pearl mussels (<i>Margaritifera margaritifera</i>). <i>Ecology and Evolution</i> , 2017, 7, 1375-1383.	0.8	25
117	Comparison of body composition and sensory quality of wild and farmed whitefish (<i>Coregonus</i>)	0.3	2
118	Glochidial development of the freshwater swan mussel (<i>Anodonta cygnea</i> , Linnaeus 1758) on native and invasive fish species. <i>Biological Conservation</i> , 2017, 209, 230-238.	1.9	19
119	Physicochemical and microbiological indicators of surface water body contamination with different sources of digestate from biogas plants. <i>Ecological Indicators</i> , 2017, 77, 314-322.	2.6	11
120	The relationship between the freshwater pearl mussel (<i>Margaritifera margaritifera</i>) and its hosts. <i>Biology Bulletin</i> , 2017, 44, 67-73.	0.1	36
121	Little association of biological trait values with environmental variables in invasive alien round goby (<i>Neogobius melanostomus</i>). <i>Ecology and Evolution</i> , 2017, 7, 4076-4085.	0.8	13
122	Comparison of nine different methods to assess fish communities in lentic floodplain habitats. <i>Journal of Fish Biology</i> , 2017, 91, 144-174.	0.7	21
123	Effects of temperature and rearing density on growth of juvenile European whitefish (<i>Coregonus</i>)	0.4	7
124	Evaluation of external fish injury caused by hydropower plants based on a novel field-based protocol. <i>Fisheries Management and Ecology</i> , 2017, 24, 240-255.	1.0	40
125	Transcriptomic screening of the innate immune response in delta smelt during an <i>Ichthyophthirius multifiliis</i> infection. <i>Aquaculture</i> , 2017, 473, 80-88.	1.7	3
126	Is it Worth the Money? The Functionality of Engineered Shallow Stream Banks as Habitat for Juvenile Fishes in Heavily Modified Water Bodies. <i>River Research and Applications</i> , 2017, 33, 63-72.	0.7	26

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127	Incorporating ecological functions in conservation decision making. <i>Ecology and Evolution</i> , 2017, 7, 8273-8281.	0.8	28
128	Boom–bust dynamics in biological invasions: towards an improved application of the concept. <i>Ecology Letters</i> , 2017, 20, 1337-1350.	3.0	143
129	Improving European Silver Eel (<i>Anguilla anguilla</i>) downstream migration by undershot sluice gate management at a small-scale hydropower plant. <i>Ecological Engineering</i> , 2017, 106, 349-357.	1.6	40
130	The freshwater pearl mussel <i>Margaritifera margaritifera</i> in Bavaria, Germany–Population status, conservation efforts and challenges. <i>Biology Bulletin</i> , 2017, 44, 61-66.	0.1	7
131	Influence of temperature, mixing, and addition of microcystin-LR on microcystin gene expression in <i>Microcystis aeruginosa</i> . <i>MicrobiologyOpen</i> , 2017, 6, e00393.	1.2	27
132	Strong genetic differentiation and low genetic diversity of the freshwater pearl mussel (<i>Margaritifera margaritifera</i> L.) in the southwestern European distribution range. <i>Conservation Genetics</i> , 2017, 18, 147-157.	0.8	15
133	Evaluation of Green-LiDAR Data for Mapping Extent, Density and Height of Aquatic Reed Beds at Lake Chiemsee, Bavaria–Germany. <i>Remote Sensing</i> , 2017, 9, 1308.	1.8	12
134	Mapping Submerged Aquatic Vegetation Using RapidEye Satellite Data: The Example of Lake Kummerow (Germany). <i>Water (Switzerland)</i> , 2017, 9, 510.	1.2	21
135	Temporal Dynamics of the Microbial Community Composition with a Focus on Toxic Cyanobacteria and Toxin Presence during Harmful Algal Blooms in Two South German Lakes. <i>Frontiers in Microbiology</i> , 2017, 8, 2387.	1.5	62
136	Genetic species identification in weatherfish and first molecular confirmation of Oriental Weatherfish <i>Misgurnus anguillicaudatus</i> (Cantor, 1842) in Central Europe. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2017, , 31.	0.5	7
137	Combined Impact of Acute Exposure to Ammonia and Temperature Stress on the Freshwater Mussel <i>Unio pictorum</i> . <i>Water (Switzerland)</i> , 2017, 9, 455.	1.2	21
138	A systematic approach to evaluate the influence of environmental conditions on eDNA detection success in aquatic ecosystems. <i>PLoS ONE</i> , 2017, 12, e0189119.	1.1	91
139	Seasonal Variation in Spectral Response of Submerged Aquatic Macrophytes: A Case Study at Lake Starnberg (Germany). <i>Water (Switzerland)</i> , 2017, 9, 527.	1.2	10
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159	Physiological stress biomarkers reveal stocking density effects in late larval Delta Smelt (<i>Hypomesus</i>) <i>Freshwater Ecosystems</i> , 2016, 26, 1120-1129.	1.7	29
160	Establishing mussel behavior as a biomarker in ecotoxicology. <i>Aquatic Toxicology</i> , 2016, 170, 279-288.	1.9	86
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