

Global threats to human water security and river biodiversity

Nature

467, 555-561

DOI: [10.1038/nature09440](https://doi.org/10.1038/nature09440)

Citation Report

#	ARTICLE	IF	CITATIONS
1	What electrical measurements can say about changes in fault systems.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 3776-3780.	3.3	5
3	Beyond infrastructure. Nature, 2010, 467, 534-535.	13.7	64
4	Water: act now to restore river health. Nature, 2010, 468, 173-173.	13.7	8
5	Water: biofuels sap supplies. Nature, 2010, 468, 173-173.	13.7	0
6	Reclaiming freshwater sustainability in the Cadillac Desert. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21263-21269.	3.3	136
7	Inorganic Geochemistry and Redox Dynamics in Bank Filtration Settings. Environmental Science & Technology, 2011, 45, 5079-5087.	4.6	66
8	Novel nanofibrous scaffolds for water filtration with bacteria and virus removal capability. Journal of Electron Microscopy, 2011, 60, 201-209.	0.9	90
9	High-resolution mapping of the world's reservoirs and dams for sustainable river-flow management. Frontiers in Ecology and the Environment, 2011, 9, 494-502.	1.9	1,540
10	Review Article: Persistent organic pollutants and landfills - a review of past experiences and future challenges. Waste Management and Research, 2011, 29, 107-121.	2.2	236
11	Domesticated ecosystems and novel communities: challenges for the management of large rivers. Ecohydrology and Hydrobiology, 2011, 11, 167-174.	1.0	45
12	Empowering Citizen Scientists: The Strength of Many in Monitoring Biologically Active Environmental Contaminants. BioScience, 2011, 61, 626-630.	2.2	29
13	Hydrologic control of dissolved organic matter biogeochemistry in pools of a subtropical dryland river. Water Resources Research, 2011, 47, .	1.7	65
14	Web Platform for Sharing Spatial Data and Manipulating Them Online. Eos, 2011, 92, 118-119.	0.1	3
15	Hydrologic and biogeochemical functioning of intensively managed catchments: A synthesis of top-down analyses. Water Resources Research, 2011, 47, .	1.7	143
16	Implications of bias in conservation research and investment for freshwater species. Conservation Letters, 2011, 4, 474-482.	2.8	166
17	Hierarchical ZnO/Cu -corn-like- materials with high photodegradation and antibacterial capability under visible light. Physical Chemistry Chemical Physics, 2011, 13, 6205.	1.3	125
18	From Natural to Degraded Rivers and Back Again. Advances in Ecological Research, 2011, 44, 119-209.	1.4	207
19	State of the World's Freshwater Ecosystems: Physical, Chemical, and Biological Changes. Annual Review of Environment and Resources, 2011, 36, 75-99.	5.6	705

#	ARTICLE	IF	CITATIONS
20	Modelling climate-change effects on Australian and Pacific aquatic ecosystems: a review of analytical tools and management implications. <i>Marine and Freshwater Research</i> , 2011, 62, 1132.	0.7	55
21	Human Population. <i>Ecological Studies</i> , 2011, , .	0.4	8
22	WATCH: Current Knowledge of the Terrestrial Global Water Cycle. <i>Journal of Hydrometeorology</i> , 2011, 12, 1149-1156.	0.7	87
23	Interdisciplinary progress in food production, food security and environment research. <i>Environmental Conservation</i> , 2011, 38, 151-171.	0.7	32
24	Defining conservation priorities for freshwater fishes according to taxonomic, functional, and phylogenetic diversity. , 2011, 21, 3002-3013.		135
25	What place for livestock on a re-greening earth?. <i>Animal Feed Science and Technology</i> , 2011, 166-167, 783-796.	1.1	78
26	River networks as biodiversity hotlines. <i>Comptes Rendus - Biologies</i> , 2011, 334, 420-434.	0.1	29
27	How will combined changes in water demand and climate affect water availability in the Zambezi river basin?. <i>Global Environmental Change</i> , 2011, 21, 1061-1072.	3.6	87
28	Exploring the dynamics of migration to mega-delta cities in Asia and Africa: Contemporary drivers and future scenarios. <i>Global Environmental Change</i> , 2011, 21, S94-S107.	3.6	166
29	Rapid decline of California's native inland fishes: A status assessment. <i>Biological Conservation</i> , 2011, 144, 2414-2423.	1.9	120
30	Assessing wetland ecosystem services and poverty interlinkages: a general framework and case study. <i>Hydrological Sciences Journal</i> , 2011, 56, 1602-1621.	1.2	41
31	Nanotechnologies in agriculture: New tools for sustainable development. <i>Trends in Food Science and Technology</i> , 2011, 22, 585-594.	7.8	413
32	The Global Web of National Water Security. <i>Global Policy</i> , 2011, 2, 286-296.	1.0	89
33	Global Health Research Needs Global Networking. <i>Global Bioethics</i> , 2011, 24, 35-38.	0.5	0
34	Water and Health Adaptation Strategies: Overview and Outlook. <i>Global Bioethics</i> , 2011, 24, 39-42.	0.5	0
35	Toxicology of Global Warming. , 2011, , 507-519.		1
36	Sustainable medicine: good for the environment, good for people. <i>British Journal of General Practice</i> , 2011, 61, 3-4.	0.7	9
37	Stream hydraulics and temperature determine the metabolism of geothermal Icelandic streams. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2011, , 05.	0.5	15

#	ARTICLE	IF	CITATIONS
38	Fresh Waters and Fish Diversity: Distribution, Protection and Disturbance in Tropical Australia. PLoS ONE, 2011, 6, e25846.	1.1	33
39	Rapid decline of the greater European peaclam at the periphery of its distribution. Annales De Limnologie, 2011, 47, 211-219.	0.6	24
40	Hydro-meteorological trends in the upper Indus River basin in Pakistan. Climate Research, 2011, 46, 103-119.	0.4	205
41	Declines of freshwater turtles associated with climatic drying in Australia. Wildlife Research, 2011, 38, 664.	0.7	58
42	Pesticide Risk Mitigation by Vegetated Treatment Systems: A Meta-Analysis. Journal of Environmental Quality, 2011, 40, 1068-1080.	1.0	107
43	Impact of simulated drought on ecosystem biomass production: an experimental test in stream mesocosms. Global Change Biology, 2011, 17, 2288-2297.	4.2	100
44	Out of sight out of mind: current knowledge of Chinese cave fishes. Journal of Fish Biology, 2011, 79, 1545-1562.	0.7	51
45	Asian river fishes in the Anthropocene: threats and conservation challenges in an era of rapid environmental change. Journal of Fish Biology, 2011, 79, 1487-1524.	0.7	130
46	Paradigm shifts in fish conservation: moving to the ecosystem services concept. Journal of Fish Biology, 2011, 79, 1663-1680.	0.7	66
47	High gene flow and metapopulation dynamics detected for three species in a dryland river system. Freshwater Biology, 2011, 56, 2378-2390.	1.2	23
48	Precipitation and streamflow changes in China: Changing patterns, causes and implications. Journal of Hydrology, 2011, 410, 204-216.	2.3	127
49	Local to regional scale industrial heavy metal pollution recorded in sediments of large freshwater lakes in central Europe (lakes Geneva and Lucerne) over the last centuries. Science of the Total Environment, 2011, 412-413, 239-247.	3.9	151
50	Re-thinking water policy priorities in the Mediterranean region in view of climate change. Environmental Science and Policy, 2011, 14, 744-757.	2.4	88
51	Spatio-temporal distribution of organic and inorganic pollutants from Lake Geneva (Switzerland) reveals strong interacting effects of sewage treatment plant and eutrophication on microbial abundance. Chemosphere, 2011, 84, 609-617.	4.2	32
52	Inconsistency and comprehensiveness of risk assessments for heavy metals in urban surface sediments. Chemosphere, 2011, 85, 1080-1087.	4.2	120
53	Highly Selective Colorimetric Detection of Hydrochloric Acid Using Unlabeled Gold Nanoparticles and an Oxidizing Agent. Analytical Chemistry, 2011, 83, 9206-9212.	3.2	44
54	High-impact papers presented in the subject category of water resources in the essential science indicators database of the institute for scientific information. Scientometrics, 2011, 87, 551-562.	1.6	111
55	Rasterised Water Demands: Methodology for Their Assessment and Possible Applications. Water Resources Management, 2011, 25, 3301-3320.	1.9	12

#	ARTICLE	IF	CITATIONS
56	The Impact of Human Activities on Biological Evolution: A Topic of Consideration for Evolution Educators. <i>Evolution: Education and Outreach</i> , 2011, 4, 343-347.	0.3	5
57	Global Urban Growth and the Geography of Water Availability, Quality, and Delivery. <i>Ambio</i> , 2011, 40, 437-446.	2.8	126
58	Total and size-fractionated mass of road-deposited sediment in the city of Prince George, British Columbia, Canada: implications for air and water quality in an urban environment. <i>Journal of Soils and Sediments</i> , 2011, 11, 1040-1051.	1.5	26
59	Forest ecohydrological research in the 21st century: what are the critical needs?. <i>Ecohydrology</i> , 2011, 4, 146-158.	1.1	110
60	Patterns, puzzles and people: implementing hydrologic synthesis. <i>Hydrological Processes</i> , 2011, 25, 3256-3266.	1.1	22
61	Evolution of hydrological and carbon cycles under a changing climate. <i>Hydrological Processes</i> , 2011, 25, 4093-4102.	1.1	34
62	Improvements to a MODIS global terrestrial evapotranspiration algorithm. <i>Remote Sensing of Environment</i> , 2011, 115, 1781-1800.	4.6	2,025
63	Crossroad Blues: An Intersection of Rivers, Wetlands, and Public Policy. <i>Fisheries</i> , 2011, 36, 337-339.	0.6	1
64	Wetlands as Settings for Human Health: Incorporating Ecosystem Services and Health Impact Assessment into Water Resource Management. <i>BioScience</i> , 2011, 61, 678-688.	2.2	116
66	Stream Fragmentation Thresholds for a Reproductive Guild of Great Plains Fishes. <i>Fisheries</i> , 2011, 36, 371-383.	0.6	133
68	INPUTâ€“OUTPUT AND WATER: INTRODUCTION TO THE SPECIAL ISSUE. <i>Economic Systems Research</i> , 2011, 23, 341-351.	1.2	36
69	Looking into the future of agriculture in a changing climate. <i>European Review of Agricultural Economics</i> , 2011, 38, 427-447.	1.5	62
70	National parks as protected areas for U.S. freshwater fish diversity. <i>Conservation Letters</i> , 2011, 4, 364-371.	2.8	61
71	High-resolution assessment and visualization of environmental stressors in the Lake Superior basin. <i>Aquatic Ecosystem Health and Management</i> , 2011, 14, 376-385.	0.3	17
72	Conservation management of rivers and wetlands under climate change - a synthesis. <i>Marine and Freshwater Research</i> , 2011, 62, 217.	0.7	111
73	Homogenization patterns of the worldâ€™s freshwater fish faunas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 18003-18008.	3.3	197
74	Scale of water resources development and sustainability: small is beautiful, large is great. <i>Hydrological Sciences Journal</i> , 2011, 56, 553-575.	1.2	60
75	Converging Currents in Climate-Relevant Conservation: Water, Infrastructure, and Institutions. <i>PLoS Biology</i> , 2011, 9, e1001159.	2.6	47

#	ARTICLE	IF	CITATIONS
76	Climate change and water security with a focus on the Arctic. <i>Global Health Action</i> , 2011, 4, 8449.	0.7	31
77	Nationwide Assessment of Nonpoint Source Threats to Water Quality. <i>BioScience</i> , 2012, 62, 136-146.	2.2	81
78	Incorporating Anthropogenic Water Regulation Modules into a Land Surface Model. <i>Journal of Hydrometeorology</i> , 2012, 13, 255-269.	0.7	226
79	A Global Approach to Assess the Potential Impact of Climate Change on Stream Water Temperatures and Related In-Stream First-Order Decay Rates. <i>Journal of Hydrometeorology</i> , 2012, 13, 1052-1065.	0.7	51
80	Suitable Environmental Flow Release Criteria for Both Human and Riverine Ecosystems: Accounting for the Uncertainty of Flows. <i>Mathematical Problems in Engineering</i> , 2012, 2012, 1-14.	0.6	0
81	Modelling indicators of water security, water pollution and aquatic biodiversity in Europe. <i>Hydrological Sciences Journal</i> , 2012, 57, 1378-1403.	1.2	29
82	Regional strategies for the accelerating global problem of groundwater depletion. <i>Nature Geoscience</i> , 2012, 5, 853-861.	5.4	603
83	Harnessing mobile communications innovations for water security. <i>Global Policy</i> , 2012, 3, 433-442.	1.0	20
84	EnviSat altimetry for river and lakes monitoring. , 2012, , .		2
85	Environmental Informatics. <i>Annual Review of Environment and Resources</i> , 2012, 37, 449-472.	5.6	17
86	Water and sanitation provision in a low carbon society: The need for a systems approach. <i>Journal of Renewable and Sustainable Energy</i> , 2012, 4, .	0.8	20
87	Do terrestrial protected areas conserve freshwater fish diversity? Results from the Western Ghats of India. <i>Oryx</i> , 2012, 46, 544-553.	0.5	33
88	Research resource review: River Discharge to the Coastal Ocean: A Global Synthesis. <i>Progress in Physical Geography</i> , 2012, 36, 449-450.	1.4	0
89	Italian freshwater biodiversity: status, threats and hints for its conservation. <i>Italian Journal of Zoology</i> , 2012, 79, 2-8.	0.6	11
90	New infrastructure projects and a biodiversity strategy in the Danube River Basin. <i>River Systems</i> , 2012, 20, 111-128.	0.2	0
91	Pushing the Planetary Boundariesâ€™Response. <i>Science</i> , 2012, 338, 1420-1420.	6.0	0
92	Chapter 10 Myanmar: Assessing Freshwater Vulnerability in the Irrawaddy and Salween River Basins. <i>Community, Environment and Disaster Risk Management</i> , 2012, , 177-206.	0.1	1
94	Dealing With Complexity and Extreme Events Using a Bottom-Up, Resource-Based Vulnerability Perspective. <i>Geophysical Monograph Series</i> , 2012, , 345-359.	0.1	50

#	ARTICLE	IF	CITATIONS
95	Climate Downscaling Using Regional Regression and Physically Based Watershed Models. , 2012, , .		0
96	Evaluating pesticide effects on freshwater invertebrate communities in alpine environment: a model ecosystem experiment. <i>Ecotoxicology</i> , 2012, 21, 2051-2067.	1.1	12
97	Global Biodiversity Change: The Bad, the Good, and the Unknown. <i>Annual Review of Environment and Resources</i> , 2012, 37, 25-50.	5.6	505
98	Water for cities: The impact of climate change and demographic growth in the tropical Andes. <i>Water Resources Research</i> , 2012, 48, .	1.7	160
99	Regional species richness, hydrological characteristics and the local species richness of assemblages of North American stream fishes. <i>Freshwater Biology</i> , 2012, 57, 2367-2377.	1.2	22
100	Water security for a planet under pressure: interconnected challenges of a changing world call for sustainable solutions. <i>Current Opinion in Environmental Sustainability</i> , 2012, 4, 35-43.	3.1	246
101	Water-Use Efficiency of the Terrestrial Biosphere: A Model Analysis Focusing on Interactions between the Global Carbon and Water Cycles. <i>Journal of Hydrometeorology</i> , 2012, 13, 681-694.	0.7	173
102	Effects of increased temperature and aquatic fungal diversity on litter decomposition. <i>Fungal Ecology</i> , 2012, 5, 734-740.	0.7	58
103	Identifying the spatial scale of land use that most strongly influences overall river ecosystem health score. <i>Ecological Applications</i> , 2012, 22, 2188-2203.	1.8	88
104	Sustainable desalination: Membrane distillation delivers greener clean water. <i>Filtration and Separation</i> , 2012, 49, 26-28.	0.2	4
106	Climate Change Impacts on Community Resilience. <i>Advances in Ecological Research</i> , 2012, , 211-258.	1.4	58
107	Water Pollution History of Switzerland Recorded by Sediments of the Large and Deep Perialpine Lakes Lucerne and Geneva. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 6157-6169.	1.1	28
108	Reducing Risks to Rural Water Security in Africa. <i>Ambio</i> , 2012, 41, 773-776.	2.8	24
109	Assessing the effects of multiple stressors on the functioning of Mediterranean rivers using poplar wood breakdown. <i>Science of the Total Environment</i> , 2012, 440, 272-279.	3.9	32
110	Shared cultural norms for justice in water institutions: Results from Fiji, Ecuador, Paraguay, New Zealand, and the U.S.. <i>Journal of Environmental Management</i> , 2012, 113, 370-376.	3.8	20
111	Carbon Sources Supporting Large River Food Webs: A Review of Ecological Theories and Evidence from Stable Isotopes. <i>Freshwater Reviews: A Journal of the Freshwater Biological Association</i> , 2012, 5, 85-103.	1.0	38
112	Vulnerability of coastal aquifers to groundwater use and climate change. <i>Nature Climate Change</i> , 2012, 2, 342-345.	8.1	454
113	Freshwater Availability and Water Fetching Distance Affect Child Health in Sub-Saharan Africa. <i>Environmental Science & Technology</i> , 2012, 46, 2391-2397.	4.6	188

#	ARTICLE	IF	CITATIONS
114	Taking the "Waste" Out of "Wastewater" for Human Water Security and Ecosystem Sustainability. <i>Science</i> , 2012, 337, 681-686.	6.0	513
115	The Major Central Asian River Basins: An Assessment of Vulnerability. <i>International Journal of Water Resources Development</i> , 2012, 28, 433-452.	1.2	31
116	A novel approach to rapid detection of acute water toxicity and its policy implications for grassroots sustainable environmental monitoring. <i>Journal of Environmental Monitoring</i> , 2012, 14, 1196.	2.1	2
117	Sources and Pathways of Nutrients in the Semi-Arid Region of Beijing-Tianjin, China. <i>Environmental Science & Technology</i> , 2012, 46, 5294-5301.	4.6	103
118	The seasonality of phosphorus transfers from land to water: Implications for trophic impacts and policy evaluation. <i>Science of the Total Environment</i> , 2012, 434, 101-109.	3.9	120
119	Water Security: Research Challenges and Opportunities. <i>Science</i> , 2012, 337, 914-915.	6.0	424
120	Water security: Old concepts, new package, what value?. <i>Natural Resources Forum</i> , 2012, 36, 76-87.	1.8	65
121	A Measurable Planetary Boundary for the Biosphere. <i>Science</i> , 2012, 337, 1458-1459.	6.0	241
122	Dam controversies: contested governance and developmental discourse on the Ethiopian Omo River dam. <i>Social Anthropology</i> , 2012, 20, 125-144.	0.3	77
123	Data uncertainty and the selectivity of extinction risk in freshwater invertebrates. <i>Diversity and Distributions</i> , 2012, 18, 1211-1220.	1.9	40
124	Invertebrate colonisation during leaf processing of native, exotic and artificial detritus in a tropical stream. <i>Marine and Freshwater Research</i> , 2012, 63, 428.	0.7	45
125	Continental-Scale Effects of Nutrient Pollution on Stream Ecosystem Functioning. <i>Science</i> , 2012, 336, 1438-1440.	6.0	520
126	Ten major rivers in monsoon Asia-Pacific: An assessment of vulnerability. <i>Applied Geography</i> , 2012, 32, 441-454.	1.7	101
127	Conservation priorities for freshwater biodiversity: The Key Biodiversity Area approach refined and tested for continental Africa. <i>Biological Conservation</i> , 2012, 148, 167-179.	1.9	95
128	Human pressures and their potential impact on the Baltic Sea ecosystem. <i>Ecological Indicators</i> , 2012, 15, 105-114.	2.6	172
129	Discrete vs. continuum approaches to the assessment of the ecological status in Iberian rivers, does the method matter?. <i>Ecological Indicators</i> , 2012, 18, 477-484.	2.6	5
130	River dolphins as indicators of ecosystem degradation in large tropical rivers. <i>Ecological Indicators</i> , 2012, 23, 19-26.	2.6	39
131	How far can we go in simplifying biomonitoring assessments? An integrated analysis of taxonomic surrogacy, taxonomic sufficiency and numerical resolution in a megadiverse region. <i>Ecological Indicators</i> , 2012, 23, 366-373.	2.6	77

#	ARTICLE	IF	CITATIONS
132	Water security: Debating an emerging paradigm. <i>Global Environmental Change</i> , 2012, 22, 94-102.	3.6	576
133	Solarâ€Lightâ€Driven Photodegradation and Antibacterial Activity of Hierarchical TiO ₂ /ZnO/CuO Material. <i>ChemPlusChem</i> , 2012, 77, 941-948.	1.3	15
134	Species loss of stoneflies (Plecoptera) in the Czech Republic during the 20th century. <i>Freshwater Biology</i> , 2012, 57, 2550-2567.	1.2	21
135	Introduction to adapting water management to climate change: putting our science into practice. <i>Area</i> , 2012, 44, 394-399.	1.0	7
136	Modelling of riverine ecosystems by integrating models: conceptual approach, a case study and research agenda. <i>Journal of Biogeography</i> , 2012, 39, 2253-2263.	1.4	52
137	Biodiversity, Species Interactions and Ecological Networks in a Fragmented World. <i>Advances in Ecological Research</i> , 2012, 46, 89-210.	1.4	284
138	The riverine inputâ€output paradox for organic pollutants. <i>Frontiers in Ecology and the Environment</i> , 2012, 10, 405-406.	1.9	7
139	Restoration of Biodiversity and Ecosystem Services on Agricultural Land. <i>Ecosystems</i> , 2012, 15, 883-899.	1.6	209
140	Implications of Dam Obstruction for Global Freshwater Fish Diversity. <i>BioScience</i> , 2012, 62, 539-548.	2.2	463
141	Interbasin Water Transfer, Riverine Connectivity, and Spatial Controls on Fish Biodiversity. <i>PLoS ONE</i> , 2012, 7, e34170.	1.1	68
142	How helpful is nanotechnology in agriculture?. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2012, 3, 033002.	0.7	158
143	The nature and causes of the global water crisis: Syndromes from a metaâ€analysis of coupled humanâ€water studies. <i>Water Resources Research</i> , 2012, 48, .	1.7	220
144	Changes in land surface water dynamics since the 1990s and relation to population pressure. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	184
145	A physically based model of global freshwater surface temperature. <i>Water Resources Research</i> , 2012, 48, .	1.7	45
146	Drivers of songbird productivity at a restored gravel pit: Influence of seasonal flooding and rainfall patterns and implications for habitat management. <i>Agriculture, Ecosystems and Environment</i> , 2012, 162, 138-143.	2.5	8
147	Responding to complex societal challenges: A decade of Earth System Science Partnership (ESSP) interdisciplinary research. <i>Current Opinion in Environmental Sustainability</i> , 2012, 4, 147-158.	3.1	39
148	Supply of an ecosystem serviceâ€Farmersâ€™ willingness to adopt riparian buffer zones in agricultural catchments. <i>Environmental Science and Policy</i> , 2012, 24, 101-109.	2.4	95
150	Endangered river fish: factors hindering conservation and restoration. <i>Endangered Species Research</i> , 2012, 17, 179-191.	1.2	144

#	ARTICLE	IF	CITATIONS
151	Water environment security indicator system for urban water management. <i>Frontiers of Environmental Science and Engineering</i> , 2012, 6, 678-691.	3.3	14
153	Saving a Million Species. , 2012, , .		15
154	Climate change impacts in multispecies systems: drought alters food web size structure in a field experiment. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 2990-2997.	1.8	74
155	Vulnerability of stream biota to climate change in mediterranean climate regions: a synthesis of ecological responses and conservation challenges. <i>Hydrobiologia</i> , 2013, 719, 331.	1.0	38
156	Understanding multiple ecological responses to anthropogenic disturbance: rivers and potential flow regime change. <i>Ecological Applications</i> , 2012, 22, 250-263.	1.8	34
157	Humans on Earth. <i>The Frontiers Collection</i> , 2012, , .	0.1	6
158	The use of wooden sticks to assess stream ecosystem functioning: Comparison with leaf breakdown rates. <i>Science of the Total Environment</i> , 2012, 440, 115-122.	3.9	43
159	International Perspective of Water Resources Planning and Management in 2050. , 2012, , .		0
160	Quantitative maps of groundwater resources in Africa. <i>Environmental Research Letters</i> , 2012, 7, 024009.	2.2	417
161	Biodiversity under threat in glacier-fed river systems. <i>Nature Climate Change</i> , 2012, 2, 361-364.	8.1	265
162	Seasonal changes in water quality and macrophytes and the impact of cattle on tropical floodplain waterholes. <i>Marine and Freshwater Research</i> , 2012, 63, 788.	0.7	38
163	Proliferation of Hydroelectric Dams in the Andean Amazon and Implications for Andes-Amazon Connectivity. <i>PLoS ONE</i> , 2012, 7, e35126.	1.1	371
164	A Hybrid Wetland Map for China: A Synergistic Approach Using Census and Spatially Explicit Datasets. <i>PLoS ONE</i> , 2012, 7, e47814.	1.1	20
165	Ecological Status of Rivers and Streams in Saxony (Germany) According to the Water Framework Directive and Prospects of Improvement. <i>Water (Switzerland)</i> , 2012, 4, 887-904.	1.2	16
166	Pre-Screen Loss and Fish Facility Efficiency for Delta Smelt at the South Deltas State Water Project, California. <i>San Francisco Estuary and Watershed Science</i> , 2012, 10, .	0.2	7
167	Hydromorphologic Scientific and Engineering Challenges for 2050. , 2012, , 350-354.		1
168	Climate change, Hans Jonas and indirect investors. <i>Journal of Human Rights and the Environment</i> , 2012, 3, 92-115.	0.8	5
170	A multi-source satellite data approach for modelling Lake Turkana water level: calibration and validation using satellite altimetry data. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 1-18.	1.9	85

#	ARTICLE	IF	CITATIONS
171	Asia's Wicked Environmental Problems. SSRN Electronic Journal, 0, , .	0.4	7
172	Water for agriculture and the environment: the ultimate trade-off. <i>Water Policy</i> , 2012, 14, 136-146.	0.7	16
173	Future ecological studies of Brazilian headwater streams under global-changes. <i>Acta Limnologica Brasiliensia</i> , 2012, 24, 293-302.	0.4	8
174	Training hydrologists to be ecohydrologists and play a leading role in environmental problem solving. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 1685-1696.	1.9	23
175	Assessing water footprint at river basin level: a case study for the Heihe River Basin in northwest China. <i>Hydrology and Earth System Sciences</i> , 2012, 16, 2771-2781.	1.9	179
176	REGIONAL FRAMEWORKS APPLIED TO HYDROLOGY: CAN LANDSCAPE-BASED FRAMEWORKS CAPTURE THE HYDROLOGIC VARIABILITY?. <i>River Research and Applications</i> , 2012, 28, 1325-1339.	0.7	25
177	Continental scale modelling of in-stream river water quality: a report on methodology, test runs, and scenario application. <i>Hydrological Processes</i> , 2012, 26, 2370-2384.	1.1	30
178	Focus on African freshwaters: hotspots of dragonfly diversity and conservation concern. <i>Frontiers in Ecology and the Environment</i> , 2012, 10, 129-134.	1.9	70
179	Spatial clustering of habitat structure effects patterns of community composition and diversity. <i>Ecology</i> , 2012, 93, 1125-1133.	1.5	27
180	Drivers and stressors of freshwater biodiversity patterns across different ecosystems and scales: a review. <i>Hydrobiologia</i> , 2012, 696, 1-28.	1.0	194
181	Breeding Flow Thresholds of Colonial Breeding Waterbirds in the Murray-Darling Basin, Australia. <i>Wetlands</i> , 2012, 32, 257-265.	0.7	37
182	Positioning urban rivers within urban ecology. <i>Urban Ecosystems</i> , 2012, 15, 285-291.	1.1	41
183	Putting the "Ecology" into Environmental Flows: Ecological Dynamics and Demographic Modelling. <i>Environmental Management</i> , 2012, 50, 1-10.	1.2	89
184	Managing the impacts of nutrient enrichment on river systems: dealing with complex uncertainties in risk analyses. <i>Freshwater Biology</i> , 2012, 57, 108-123.	1.2	29
185	Large-scale, long-term trends in British river macroinvertebrates. <i>Global Change Biology</i> , 2012, 18, 2184-2194.	4.2	89
186	Estimating future global per capita water availability based on changes in climate and population. <i>Computers and Geosciences</i> , 2012, 42, 79-86.	2.0	48
187	Self-templated synthesis of bifunctional Fe ₃ O ₄ @MgSiO ₃ magnetic sub-microspheres for toxic metal ions removal. <i>Chemical Engineering Journal</i> , 2012, 180, 121-127.	6.6	38
188	Isolation of mesotrione-degrading bacteria from aquatic environments in Brazil. <i>Chemosphere</i> , 2012, 86, 1127-1132.	4.2	42

#	ARTICLE	IF	CITATIONS
189	Estimating surface water concentrations of "down-the-drain" chemicals in China using a global model. <i>Environmental Pollution</i> , 2012, 165, 233-240.	3.7	15
190	Obstacles to data access for research related to climate and water: Implications for science and EU policy-making. <i>Environmental Science and Policy</i> , 2012, 17, 41-48.	2.4	58
191	Response of stream-breeding salamander larvae to sediment deposition in southern Appalachian (U.S.A.) headwater streams. <i>Freshwater Biology</i> , 2012, 57, 1535-1544.	1.2	13
192	Intensified organic carbon dynamics in the ground water of a restored riparian zone. <i>Freshwater Biology</i> , 2012, 57, 1603-1616.	1.2	18
193	River macrophyte indices: not the Holy Grail!. <i>Freshwater Biology</i> , 2012, 57, 1745-1759.	1.2	64
194	Evaluating the relationship between basin-scale fish species richness and ecologically relevant flow characteristics in rivers worldwide. <i>Freshwater Biology</i> , 2012, 57, 2173-2180.	1.2	37
195	An empirical model of water quality for use in rapid management strategy evaluation in Southeast Queensland, Australia. <i>Marine Pollution Bulletin</i> , 2012, 64, 704-711.	2.3	8
196	The impact of local crops consumption on the water resources in Beijing. <i>Journal of Cleaner Production</i> , 2012, 21, 45-50.	4.6	62
197	Quality of harvested rainwater in artificial recharge site on Jeju volcanic island, Korea. <i>Journal of Hydrology</i> , 2012, 414-415, 268-277.	2.3	26
198	Future global water resources with respect to climate change and water withdrawals as estimated by a dynamic global vegetation model. <i>Journal of Hydrology</i> , 2012, 448-449, 14-29.	2.3	109
199	The contribution of riffles and riverine wetlands to benthic macroinvertebrate biodiversity. <i>Biodiversity and Conservation</i> , 2012, 21, 895-913.	1.2	6
200	Fish mediate high food web connectivity in the lower reaches of a tropical floodplain river. <i>Oecologia</i> , 2012, 168, 829-838.	0.9	113
201	Assessing the seasonal dynamics of inundation, turbidity, and aquatic vegetation in the Australian wet-dry tropics using optical remote sensing. <i>Ecohydrology</i> , 2013, 6, 312-323.	1.1	59
202	Semi-automated GIS techniques for detecting floodplain earthworks. <i>Hydrological Processes</i> , 2013, 27, 579-591.	1.1	20
203	Copula-based spatio-temporal patterns of precipitation extremes in China. <i>International Journal of Climatology</i> , 2013, 33, 1140-1152.	1.5	100
204	Revisiting ecological integrity 30 years later: non-native species and the misdiagnosis of freshwater ecosystem health. <i>Fish and Fisheries</i> , 2013, 14, 416-423.	2.7	32
205	Trends and periodicities in observed temperature, precipitation and runoff in a desert catchment: case study for the Shiyang River Basin in Northwestern China. <i>Water and Environment Journal</i> , 2013, 27, 86-98.	1.0	17
206	Incorporating the current sixth great mass extinction theme into evolution education, science education, and environmental education research and standards. <i>Evolution: Education and Outreach</i> , 2013, 6, .	0.3	0

#	ARTICLE	IF	CITATIONS
207	Balancing Water Resources Development and Environmental Sustainability in Africa: A Review of Recent Research Findings and Applications. <i>Ambio</i> , 2013, 42, 549-565.	2.8	55
208	Excellent degradation performance of azo dye by metallic glass/titanium dioxide composite powders. <i>Journal of Sol-Gel Science and Technology</i> , 2013, 67, 362-367.	1.1	14
209	Mortality of game mammals caused by an extreme flooding event in south-western Poland. <i>Natural Hazards</i> , 2013, 69, 85-97.	1.6	32
210	Pressures, stresses, shocks and trends in estuarine ecosystems – An introduction and synthesis. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 130, 1-8.	0.9	63
211	Global river hydrography and network routing: baseline data and new approaches to study the world's large river systems. <i>Hydrological Processes</i> , 2013, 27, 2171-2186.	1.1	871
212	Riparian Ecosystems in the 21st Century: Hotspots for Climate Change Adaptation?. <i>Ecosystems</i> , 2013, 16, 359-381.	1.6	275
213	Culmination of Low-Dose Pesticide Effects. <i>Environmental Science & Technology</i> , 2013, 47, 8862-8868.	4.6	77
214	Impacts of flow regulation on slackwaters in river channels. <i>Water Resources Research</i> , 2013, 49, 1797-1811.	1.7	18
215	Food web dynamics in a large river discontinuum. <i>Ecological Monographs</i> , 2013, 83, 311-337.	2.4	150
216	Influence of Catchment Condition and water resource development on waterbird assemblages in the Murray-Darling Basin, Australia. <i>Biological Conservation</i> , 2013, 165, 25-34.	1.9	40
217	Development of a macroinvertebrate multimetric index for the assessment of low-land streams in the neotropics. <i>Ecological Indicators</i> , 2013, 29, 167-178.	2.6	69
218	Ecological Status of a <i>Margaritifera margaritifera</i> (Linnaeus, 1758) Population at the Southern Edge of its Distribution (River Paiva, Portugal). <i>Environmental Management</i> , 2013, 52, 1230-1238.	1.2	19
219	Modeling impacts of climate change on freshwater availability in Africa. <i>Journal of Hydrology</i> , 2013, 480, 85-101.	2.3	197
220	Climate Mitigation's Impact On Global and Regional Electric Power Sector Water Use in the 21st Century. <i>Energy Procedia</i> , 2013, 37, 2470-2478.	1.8	11
221	Increasing Desalination by Mitigating Anolyte pH Imbalance Using Catholyte Effluent Addition in a Multi-Anode Bench Scale Microbial Desalination Cell. <i>ACS Sustainable Chemistry and Engineering</i> , 2013, 1, 1200-1206.	3.2	51
222	Understanding Spatiotemporal Lags in Ecosystem Services to Improve Incentives. <i>BioScience</i> , 2013, 63, 472-482.	2.2	62
223	River network properties shape β -diversity and community similarity patterns of aquatic insect communities across major drainage basins. <i>Journal of Biogeography</i> , 2013, 40, 2249-2260.	1.4	157
224	Eurasian Dipper Eggs Indicate Elevated Organohalogenated Contaminants in Urban Rivers. <i>Environmental Science & Technology</i> , 2013, 47, 130717151648003.	4.6	13

#	ARTICLE	IF	CITATIONS
225	Fish diversity in European lakes: geographical factors dominate over anthropogenic pressures. <i>Freshwater Biology</i> , 2013, 58, 1779-1793.	1.2	113
226	Hydrogeochemical and isotopic evidence of groundwater evolution and recharge in aquifers in Beijing Plain, China. <i>Environmental Earth Sciences</i> , 2013, 69, 2167-2177.	1.3	34
227	Continuous Hydrologic Modeling of Snow-Affected Watersheds in the Great Lakes Basin Using HEC-HMS. <i>Journal of Hydrologic Engineering - ASCE</i> , 2013, 18, 29-39.	0.8	50
228	A multi-faceted framework of diversity for prioritizing the conservation of fish assemblages. <i>Ecological Indicators</i> , 2013, 34, 450-459.	2.6	20
229	Tracking animals in freshwater with electronic tags: past, present and future. <i>Animal Biotelemetry</i> , 2013, 1, 5.	0.8	213
230	Human Impact on Freshwater Ecosystem Services: A Global Perspective. <i>Environmental Science & Technology</i> , 2013, 47, 9061-9068.	4.6	174
231	Aquatic biodiversity in the Mediterranean climate rivers of southwestern Australia. <i>Hydrobiologia</i> , 2013, 719, 215-235.	1.0	24
232	Diversity in riverine metacommunities: a network perspective. <i>Aquatic Ecology</i> , 2013, 47, 365-377.	0.7	293
233	Flow velocity underpins microhabitat selection by gobies of the Australian Wet Tropics. <i>Freshwater Biology</i> , 2013, 58, 1038-1051.	1.2	27
234	State of the World's Water Resources. , 2013, , 11-23.		5
235	Orographic Precipitation, Freshwater Resources, and Climate Vulnerabilities in Mountainous Regions. , 2013, , 57-78.		28
236	Mitigation and Adaptation Strategies to Reduce Climate Vulnerabilities and Maintain Ecosystem Services. , 2013, , 315-335.		7
237	Vulnerability of Agroecosystems to Environmental Factors. , 2013, , 109-116.		1
238	How to make river assessments comparable: A demonstration for hydromorphology. <i>Ecological Indicators</i> , 2013, 32, 264-275.	2.6	37
239	Development of a Fish-Based Index of Biotic Integrity for Wadeable Streams in Southern China. <i>Environmental Management</i> , 2013, 52, 995-1008.	1.2	26
240	Using Global Datasets to Create Environmental Profiles for Data-Poor Regions: A Case from the Irrawaddy and Salween River Basins. <i>Environmental Management</i> , 2013, 51, 897-911.	1.2	21
241	Identifying Preservation and Restoration Priority Areas for Desert Fishes in an Increasingly Invaded World. <i>Environmental Management</i> , 2013, 51, 631-641.	1.2	10
242	Visualising a Stochastic Model of Californian Water Resources Using Sankey Diagrams. <i>Water Resources Management</i> , 2013, 27, 3035-3050.	1.9	35

#	ARTICLE	IF	CITATIONS
243	Control of atmospheric fluxes from a pecan orchard by physiology, meteorology, and canopy structure: Modeling and measurement. <i>Agricultural Water Management</i> , 2013, 129, 200-211.	2.4	2
244	Toward a formal definition of water scarcity in natural–human systems. <i>Water Resources Research</i> , 2013, 49, 4506-4517.	1.7	65
245	Mesocosm Experiments as a Tool for Ecological Climate-Change Research. <i>Advances in Ecological Research</i> , 2013, 48, 71-181.	1.4	237
246	Earth observations for global water security. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 633-643.	3.1	48
247	Environmental flows and water governance: managing sustainable water uses. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 341-351.	3.1	198
248	Land–Sea interactions in tropical ecosystems of Hainan, China. <i>Continental Shelf Research</i> , 2013, 57, 1-2.	0.9	6
249	Enhancing water security for the benefits of humans and nature–the role of governance. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 676-684.	3.1	76
250	Water Supply, Demand, and Quality Indicators for Assessing the Spatial Distribution of Water Resource Vulnerability in the Columbia River Basin. <i>Atmosphere - Ocean</i> , 2013, 51, 339-356.	0.6	28
251	Plenty of water, not enough strategy. <i>Environmental Science and Policy</i> , 2013, 33, 388-394.	2.4	49
252	Reevaluation of health risk benchmark for sustainable water practice through risk analysis of rooftop-harvested rainwater. <i>Water Research</i> , 2013, 47, 7273-7286.	5.3	41
253	Delineation of lakes and reservoirs in large river basins: An example of the Yangtze River Basin, China. <i>Geomorphology</i> , 2013, 190, 92-102.	1.1	34
254	Environmental flows in the Anthropocene: past progress and future prospects. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 667-675.	3.1	182
255	Water management in mediterranean river basins: a comparison of management frameworks, physical impacts, and ecological responses. <i>Hydrobiologia</i> , 2013, 719, 451-482.	1.0	34
256	Species richness–phosphorus relationships for lakes and streams worldwide. <i>Global Ecology and Biogeography</i> , 2013, 22, 1304-1314.	2.7	42
257	Biomagnification of Mercury in Aquatic Food Webs: A Worldwide Meta-Analysis. <i>Environmental Science & Technology</i> , 2013, 47, 13385-13394.	4.6	686
258	New Geographies of Water and Climate Change in Peru: Coupled Natural and Social Transformations in the Santa River Watershed. <i>Annals of the American Association of Geographers</i> , 2013, 103, 363-374.	3.0	128
259	Towards a sustainable water future: shaping the next decade of global water research. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 708-714.	3.1	63
260	A dynamic model to assess tradeoffs in power production and riverine ecosystem protection. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 1113.	1.7	27

#	ARTICLE	IF	CITATIONS
261	A Forward Osmosisâ€“Membrane Distillation Hybrid Process for Direct Sewer Mining: System Performance and Limitations. <i>Environmental Science & Technology</i> , 2013, 47, 13486-13493.	4.6	234
262	Extreme rainfall, vulnerability and risk: a continental-scale assessment for South America. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20120408.	1.6	41
263	â€“Glocalâ€™ water governance: a multi-level challenge in the anthropocene. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 573-580.	3.1	130
264	Alteration of wetland hydrology in coastal lagoons: Implications for shorebird conservation and wetland restoration at a Ramsar site in Sri Lanka. <i>Biological Conservation</i> , 2013, 167, 57-68.	1.9	30
265	Development of Information-Computational Infrastructure for Environmental Research in Siberia as a Baseline Component of the Northern Eurasia Earth Science Partnership Initiative (NEESPI) Studies. <i>Springer Environmental Science and Engineering</i> , 2013, , 19-55.	0.1	6
266	A model reconstruction of riverine nutrient fluxes and eutrophication in the Belgian Coastal Zone since 1984. <i>Journal of Marine Systems</i> , 2013, 128, 106-122.	0.9	78
267	The phosphorus trilemma. <i>Nature Geoscience</i> , 2013, 6, 897-898.	5.4	103
268	Underwater micro gas detector. <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 347-353.	4.0	9
269	Systemic solutions for multi-benefit water and environmental management. <i>Science of the Total Environment</i> , 2013, 461-462, 170-179.	3.9	60
270	Pesticide risk assessment and management in a globally changing worldâ€”report from a European interdisciplinary workshop. <i>Environmental Science and Pollution Research</i> , 2013, 20, 8298-8312.	2.7	25
272	Global streamflow and thermal habitats of freshwater fishes under climate change. <i>Climatic Change</i> , 2013, 121, 739-754.	1.7	64
273	Six decades of changes in vascular hydrophyte and fish species in three plateau lakes in Yunnan, China. <i>Biodiversity and Conservation</i> , 2013, 22, 3197-3221.	1.2	24
274	Failure to engage the public in issues related to inland fishes and fisheries: strategies for building public and political will to promote meaningful conservation^a. <i>Journal of Fish Biology</i> , 2013, 83, 997-1018.	0.7	76
275	9.40 Impacts of Humans on River Fluxes and Morphology. , 2013, , 828-842.		19
276	Influence of the intensification of the major oceanic moisture sources on continental precipitation. <i>Geophysical Research Letters</i> , 2013, 40, 1443-1450.	1.5	87
277	What do we mean by wet? Geoarchaeology and the reconstruction of water availability. <i>Quaternary International</i> , 2013, 308-309, 76-79.	0.7	6
278	Impacts of fish farm pollution on ecosystem structure and function of tropical headwater streams. <i>Environmental Pollution</i> , 2013, 174, 204-213.	3.7	28
279	Relationships between macroinvertebrate communities and land use types within different riparian widths in three headwater streams of Taizi River, China. <i>Journal of Freshwater Ecology</i> , 2013, 28, 307-328.	0.5	22

#	ARTICLE	IF	CITATIONS
280	Contribution of national bioassessment approaches for assessing ecological water security: an AUSRIVAS case study. <i>Frontiers of Environmental Science and Engineering</i> , 2013, 7, 669-687.	3.3	21
281	Circulatory osmotic desalination driven by a mild temperature gradient based on lower critical solution temperature (LCST) phase transition materials. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 19510.	1.3	25
282	Informing the improvement and biodesign of crassulacean acid metabolism via system dynamics modelling. <i>New Phytologist</i> , 2013, 200, 946-949.	3.5	14
283	Pesticides reduce regional biodiversity of stream invertebrates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11039-11043.	3.3	578
284	Climate change, wine, and conservation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6907-6912.	3.3	571
285	Water Security Assessment: Integrating Governance and Freshwater Indicators. <i>Water Resources Management</i> , 2013, 27, 535-551.	1.9	78
286	Global diversity patterns and cross-taxa convergence in freshwater systems. <i>Journal of Animal Ecology</i> , 2013, 82, 365-376.	1.3	105
287	Groundwater recharge and evolution in the Dunhuang Basin, northwestern China. <i>Applied Geochemistry</i> , 2013, 28, 19-31.	1.4	75
288	Global water, the anthropocene and the transformation of a science. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 539-550.	3.1	120
289	The links between global carbon, water and nutrient cycles in an urbanizing world – the case of coastal eutrophication. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 566-572.	3.1	41
290	Turkey's Animal Production Water Footprint; Heading in the Wrong Direction. <i>Procedia Technology</i> , 2013, 8, 255-263.	1.1	6
291	Planetary boundaries revisited: a view through the "water lens". <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 581-589.	3.1	42
292	The behavioural characteristics of sediment properties and their implications for sediment fingerprinting as an approach for identifying sediment sources in river basins. <i>Earth-Science Reviews</i> , 2013, 125, 24-42.	4.0	287
293	Cumulative impacts on seabed habitats: An indicator for assessments of good environmental status. <i>Marine Pollution Bulletin</i> , 2013, 74, 311-319.	2.3	43
294	An experimental test of voluntary strategies to promote urban water demand management. <i>Journal of Environmental Management</i> , 2013, 114, 343-351.	3.8	177
295	Water conservancy projects in China: Achievements, challenges and way forward. <i>Global Environmental Change</i> , 2013, 23, 633-643.	3.6	305
296	Understanding enabling capacities for managing the "wicked problem" of nonpoint source water pollution in catchments: A conceptual framework. <i>Journal of Environmental Management</i> , 2013, 128, 441-452.	3.8	114
297	Studying reach-scale spatial hydrology in ungauged catchments. <i>Journal of Hydrology</i> , 2013, 496, 31-46.	2.3	18

#	ARTICLE	IF	CITATIONS
298	Concentration of metals in surface water and sediment of Luilu and Musonoie Rivers, Kolwezi-Katanga, Democratic Republic of Congo. <i>Applied Geochemistry</i> , 2013, 39, 26-32.	1.4	41
299	Pathways to Improved Water Security - Reflections. <i>Aquatic Procedia</i> , 2013, 1, 172-177.	0.9	2
300	Risk management of hydropower development in China. <i>Energy</i> , 2013, 60, 316-324.	4.5	53
301	Spanning disciplinary, sectoral and international boundaries: a sea change towards transdisciplinary global environmental change research?. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 409-419.	3.1	29
302	What influences climate information use in water management? The role of boundary organizations and governance regimes in Brazil and the U.S.. <i>Environmental Science and Policy</i> , 2013, 26, 6-18.	2.4	75
303	A simple approach to assess water scarcity integrating water quantity and quality. <i>Ecological Indicators</i> , 2013, 34, 441-449.	2.6	188
304	Climate change and water security: challenges for adaptive water management. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 625-632.	3.1	89
305	Towards the conservation of freshwater fish: Iberian Rivers as an example of threats and management practices. <i>Reviews in Fish Biology and Fisheries</i> , 2013, 23, 1-22.	2.4	95
306	A high-resolution historical sediment record of nutrients, trace elements and organochlorines (DDT) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 pollutant sources. <i>Chemosphere</i> , 2013, 90, 2444-2452.	4.2	72
307	Drought alters the structure and functioning of complex food webs. <i>Nature Climate Change</i> , 2013, 3, 223-227.	8.1	199
308	Fish assemblages respond to altered flow regimes via ecological filtering of life history strategies. <i>Freshwater Biology</i> , 2013, 58, 50-62.	1.2	198
309	Toward a loss of functional diversity in stream fish assemblages under climate change. <i>Global Change Biology</i> , 2013, 19, 387-400.	4.2	160
310	Gloomy Forecast for the Prophets of Apocalypse and Bright Forecast for Chemists. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2667-2672.	7.2	5
311	Distribution pattern, threats and conservation of fish biodiversity in the East Tiaoxi, China. <i>Environmental Biology of Fishes</i> , 2013, 96, 519-533.	0.4	12
312	Modelling dendritic ecological networks in space: an integrated network perspective. <i>Ecology Letters</i> , 2013, 16, 707-719.	3.0	180
313	The hydro-morphological index of diversity: a tool for describing habitat heterogeneity in river engineering projects. <i>Hydrobiologia</i> , 2013, 712, 43-60.	1.0	63
314	Evolutionary refugia and ecological refuges: key concepts for conserving Australian arid zone freshwater biodiversity under climate change. <i>Global Change Biology</i> , 2013, 19, 1970-1984.	4.2	189
315	Prioritizing refugia for freshwater biodiversity conservation in highly seasonal ecosystems. <i>Diversity and Distributions</i> , 2013, 19, 1031-1042.	1.9	53

#	ARTICLE	IF	CITATIONS
316	Global insights into water resources, climate change and governance. <i>Nature Climate Change</i> , 2013, 3, 315-321.	8.1	285
317	Nature conservation: priority-setting needs a global change. <i>Biodiversity and Conservation</i> , 2013, 22, 1255-1281.	1.2	34
318	Enhancing conservation of large river biodiversity by accounting for tributaries. <i>Frontiers in Ecology and the Environment</i> , 2013, 11, 124-128.	1.9	84
319	Modelling distribution in European stream macroinvertebrates under future climates. <i>Global Change Biology</i> , 2013, 19, 752-762.	4.2	159
320	Changes in distance decay relationships after river regulation: similarity among fish assemblages in a large Amazonian river. <i>Ecology of Freshwater Fish</i> , 2013, 22, 543-552.	0.7	60
321	Landscape filtering of hydrologic and biogeochemical responses in managed catchments. <i>Landscape Ecology</i> , 2013, 28, 651-664.	1.9	65
322	The macroinvertebrate seedbank promotes community persistence in temporary rivers across climate zones. <i>Freshwater Biology</i> , 2013, 58, 1202-1220.	1.2	98
323	Hyporheic invertebrates as bioindicators of ecological health in temporary rivers: A meta-analysis. <i>Ecological Indicators</i> , 2013, 32, 62-73.	2.6	37
324	Using Maxent to model the historic distributions of stonefly species in Illinois streams: The effects of regularization and threshold selections. <i>Ecological Modelling</i> , 2013, 259, 30-39.	1.2	102
325	The likelihood and potential impact of future change in the large-scale climate-earth system on ecosystem services. <i>Environmental Science and Policy</i> , 2013, 27, S15-S31.	2.4	30
326	Diatom responses to watershed development and potential moderating effects of near-stream forest and wetland cover. <i>Freshwater Science</i> , 2013, 32, 230-249.	0.9	33
327	Water and People: Assessing Policy Priorities for Climate Change Adaptation in the Mediterranean. <i>Advances in Global Change Research</i> , 2013, , 201-233.	1.6	6
328	Effect of Cross-flow Velocity on the Critical Flux of Ceramic Membrane Filtration as a Pre-treatment for Seawater Desalination. <i>Chinese Journal of Chemical Engineering</i> , 2013, 21, 341-347.	1.7	20
329	Biodiversity Impacts from Salinity Increase in a Coastal Wetland. <i>Environmental Science & Technology</i> , 2013, 47, 6384-6392.	4.6	42
330	Decentralized two-stage sewage treatment by chemical-biological flocculation combined with microalgae biofilm for nutrient immobilization in a roof installed parallel plate reactor. <i>Bioresource Technology</i> , 2013, 130, 152-160.	4.8	87
331	1.18 Present Research Frontiers in Geomorphology. , 2013, , 349-376.		1
332	Water Security and Adaptive Management in the Arid Americas. <i>Annals of the American Association of Geographers</i> , 2013, 103, 280-289.	3.0	82
333	“Panta Rhei” Everything Flows: Change in hydrology and society The IAHS Scientific Decade 2013-2022. <i>Hydrological Sciences Journal</i> , 2013, 58, 1256-1275.	1.2	569

#	ARTICLE	IF	CITATIONS
334	Using diatom indices for water quality assessment in a subtropical river, China. <i>Environmental Science and Pollution Research</i> , 2013, 20, 4164-4175.	2.7	46
335	Biological effectiveness of an inexpensive nature-like fishway for passage of warmwater fish in a small <sc>O</sc>ntario stream. <i>Ecology of Freshwater Fish</i> , 2013, 22, 374-383.	0.7	46
336	Adapting to climate change: towards societal water security in dry-climate countries. <i>International Journal of Water Resources Development</i> , 2013, 29, 123-136.	1.2	38
337	Projected climate-driven faunal movement routes. <i>Ecology Letters</i> , 2013, 16, 1014-1022.	3.0	153
338	Metal concentrations and pathological responses of wild native fish exposed to sewage discharge in a Mediterranean river. <i>Science of the Total Environment</i> , 2013, 449, 9-19.	3.9	79
339	The Millennium Drought in southeast Australia (2001-2009): Natural and human causes and implications for water resources, ecosystems, economy, and society. <i>Water Resources Research</i> , 2013, 49, 1040-1057.	1.7	977
340	Identifying trade-offs between ecosystem services, land use, and biodiversity: a plea for combining scenario analysis and optimization on different spatial scales. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 458-463.	3.1	194
341	Does it make economic sense to restore rivers for their ecosystem services?. <i>Journal of Applied Ecology</i> , 2013, 50, 988-997.	1.9	74
342	The potential to reduce the risk of diffuse pollution from agriculture while improving economic performance at farm level. <i>Environmental Science and Policy</i> , 2013, 25, 118-126.	2.4	83
343	A case study on spatial and temporal hydraulic variability in an alpine gravel-bed stream based on the hydromorphological index of diversity. <i>Ecohydrology</i> , 2013, 6, 652-667.	1.1	24
344	Predicting Novel Riparian Ecosystems in a Changing Climate. <i>Ecosystems</i> , 2013, 16, 382-400.	1.6	63
345	Basin perspectives on the Water-Energy-Food Security Nexus. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 607-616.	3.1	161
346	Ecosystem services-a useful concept for addressing water challenges?. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 696-707.	3.1	26
348	An Informetric Profile of Water Resources Management Literatures. <i>Water Resources Management</i> , 2013, 27, 4679-4696.	1.9	14
349	Large dam development in India: sustainability criteria for the assessment of critical river basin infrastructure. <i>International Journal of River Basin Management</i> , 2013, 11, 33-53.	1.5	10
350	Freshwater biodiversity in the rivers of the Mediterranean Basin. <i>Hydrobiologia</i> , 2013, 719, 137-186.	1.0	97
351	Defining Water Insecurity. <i>Community, Environment and Disaster Risk Management</i> , 2013, , 3-20.	0.1	6
352	Microbial Electrodeionization Cell Stack for Sustainable Desalination, Wastewater Treatment and Energy Recovery. <i>Proceedings of the Water Environment Federation</i> , 2013, 2013, 222-227.	0.0	9

#	ARTICLE	IF	CITATIONS
353	A molecular assessment of species boundaries and phylogenetic affinities in <i>Mogurnda</i> (Eleotridae): a case study of cryptic biodiversity in the Australian freshwater fishes. <i>Marine and Freshwater Research</i> , 2013, 64, 920.	0.7	22
354	Water security, global change and land-atmosphere feedbacks. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20120412.	1.6	20
355	Current global status of taimen and the need to implement aggressive conservation measures to avoid population and species-level extinction. <i>Archives of Polish Fisheries</i> , 2013, 21, .	0.6	9
356	Spatial-Temporal Changes of Water Resources in a Typical Semiarid Basin of North China over the Past 50 Years and Assessment of Possible Natural and Socioeconomic Causes. <i>Journal of Hydrometeorology</i> , 2013, 14, 1009-1034.	0.7	28
357	The governance dimensions of water security: a review. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20130116.	1.6	115
358	Thinking about the Future of Global Water Governance. <i>Ecology and Society</i> , 2013, 18, .	1.0	16
359	Coherence and inconsistency of European instruments for integrated river basin management. <i>International Journal of River Basin Management</i> , 2013, 11, 139-152.	1.5	13
360	Trends in Deltaic Change over Three Decades in the Asia-Pacific Region. <i>Journal of Coastal Research</i> , 2013, 29, 1169.	0.1	42
361	A Remotely Sensed Global Terrestrial Drought Severity Index. <i>Bulletin of the American Meteorological Society</i> , 2013, 94, 83-98.	1.7	351
362	Fano threefolds of large Fano index and large degree. <i>Sbornik Mathematics</i> , 2013, 204, 347-382.	0.2	6
363	HIERARCHICAL STRUCTURE OF MAGNETOHYDRODYNAMIC TURBULENCE IN POSITION-POSITION-VELOCITY SPACE. <i>Astrophysical Journal</i> , 2013, 770, 141.	1.6	43
364	SURVIVAL OF INTERSTELLAR MOLECULES TO PRESTELLAR DENSE CORE COLLAPSE AND EARLY PHASES OF DISK FORMATION. <i>Astrophysical Journal</i> , 2013, 775, 44.	1.6	40
365	Micro-structured electrochromic device based on poly(3,4-ethylenedioxythiophene). <i>Journal of Micromechanics and Microengineering</i> , 2013, 23, 065032.	1.5	27
366	Electricity for groundwater use: constraints and opportunities for adaptive response to climate change. <i>Environmental Research Letters</i> , 2013, 8, 035005.	2.2	25
367	Global pressures, specific responses: effects of nutrient enrichment in streams from different biomes. <i>Environmental Research Letters</i> , 2013, 8, 014002.	2.2	24
368	Human water consumption intensifies hydrological drought worldwide. <i>Environmental Research Letters</i> , 2013, 8, 034036.	2.2	265
369	Land Use and Land Cover Changes and Their Impacts on Hydroclimate, Ecosystems and Society. , 2013, , 185-203.		12
370	Climate Change Vulnerability of Native and Alien Freshwater Fishes of California: A Systematic Assessment Approach. <i>PLoS ONE</i> , 2013, 8, e63883.	1.1	133

#	ARTICLE	IF	CITATIONS
371	Human needs and environmental rights to water: a biocultural systems approach to hydrodevelopment and management. <i>Ecosphere</i> , 2013, 4, art39.	1.0	11
372	Riverine ecosystem services and the thermoelectric sector: strategic issues facing the Northeastern United States. <i>Environmental Research Letters</i> , 2013, 8, 025017.	2.2	31
374	Relationship between Owners' Capabilities and Project Performance on Development of Hydropower Projects in China. <i>Journal of Construction Engineering and Management - ASCE</i> , 2013, 139, 1168-1178.	2.0	35
375	Stream isotherm shifts from climate change and implications for distributions of ectothermic organisms. <i>Global Change Biology</i> , 2013, 19, 742-751.	4.2	133
376	Improvements in crop water productivity increase water sustainability and food security—a global analysis. <i>Environmental Research Letters</i> , 2013, 8, 024030.	2.2	187
377	Ecological monitoring to support Water Sharing Plan evaluation and protect wetlands of inland New South Wales, Australia. <i>Ecological Management and Restoration</i> , 2013, 14, 187-193.	0.7	3
378	Ceramic membrane filtration as seawater RO pre-treatment: influencing factors on the ceramic membrane flux and quality. <i>Desalination and Water Treatment</i> , 2013, 51, 2575-2583.	1.0	12
379	Water quality assessment at a global scale: a comparison between world regions. <i>Water International</i> , 2013, 38, 78-94.	0.4	5
380	Patterns of benthic algae and cyanobacteria along twin stressor gradients of nutrients and fine sediment: a stream mesocosm experiment. <i>Freshwater Biology</i> , 2013, 58, 1849-1863.	1.2	67
381	Ten principles for a landscape approach to reconciling agriculture, conservation, and other competing land uses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8349-8356.	3.3	908
382	Current and future challenges facing transboundary river basin management. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2013, 4, 331-349.	3.6	58
383	Joint analysis of stressors and ecosystem services to enhance restoration effectiveness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 372-377.	3.3	305
384	Assumptions, challenges, and future directions in cumulative impact analysis. <i>Ecosphere</i> , 2013, 4, 1-11.	1.0	168
385	A Novel Electrochemical Membrane Bioreactor as a Potential Net Energy Producer for Sustainable Wastewater Treatment. <i>Scientific Reports</i> , 2013, 3, 1864.	1.6	68
386	Bacterial diversity in a large, temperate, heavily modified river, as determined by pyrosequencing. <i>Aquatic Microbial Ecology</i> , 2013, 70, 169-179.	0.9	21
387	Resilience of river flow regimes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12925-12930.	3.3	177
388	Modeling nutrient retention at the watershed scale: Does small stream research apply to the whole river network?. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013, 118, 728-740.	1.3	20
390	On the multiple ecological roles of water in river networks. <i>Ecosphere</i> , 2013, 4, 1-14.	1.0	45

#	ARTICLE	IF	CITATIONS
391	ESTIMATION OF INCIDENT SHIFT OF RIVER FISH SPECIES COMMUNITY FROM LONG TERM SHIFTS OF WATER RESOURCES USES IN GLOBAL SCALE. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic) Tj ETQq0 0 0 rgBT0 Overlook 10 Tf 50		
393	Socio-ecological complexity and the restoration of river ecosystems. Inland Waters, 2013, 3, 391-410.	1.1	54
394	Foraging at wastewater treatment works increases the potential for metal accumulation in an urban adapter, the banana bat (<i>Neoromicia nana</i>). African Zoology, 2013, 48, 39-55.	0.2	13
395	Foraging at Wastewater Treatment Works Increases the Potential for Metal Accumulation in an Urban Adapter, the Banana Bat (<i>Neoromicia nana</i>). African Zoology, 2013, 48, 39-55.	0.2	24
397	History of nutrient inputs to the northeastern United States, 1930â€“2000. Global Biogeochemical Cycles, 2013, 27, 578-591.	1.9	16
398	Using water destined for irrigation to conserve wetland ecosystems: A basis for assessing feasibility. Water Resources Research, 2013, 49, 4662-4671.	1.7	0
399	Blue water scarcity and the economic impacts of future agricultural trade and demand. Water Resources Research, 2013, 49, 3601-3617.	1.7	52
400	Characterization of the spatial and temporal variability of surface water in the Soudanâ€™sahel region of Africa. Journal of Geophysical Research G: Biogeosciences, 2013, 118, 1472-1483.	1.3	22
401	Estimation of river depth from remotely sensed hydraulic relationships. Water Resources Research, 2013, 49, 3165-3179.	1.7	69
402	A Changing Environment for Human Security. , 0, , .		16
403	How Multilevel Societal Learning Processes Facilitate Transformative Change: A Comparative Case Study Analysis on Flood Management. Ecology and Society, 2013, 18, .	1.0	117
404	How will climate change modify river flow regimes in Europe?. Hydrology and Earth System Sciences, 2013, 17, 325-339.	1.9	248
405	Status assessment and causal factors diagnosis of river system health. African Journal of Agricultural Research Vol Pp, 2013, 8, 1817-1827.	0.2	2
406	Biodiversidad y estructura comunitaria de rÃos en las zonas Ãrida, semiÃrida y mediterrÃnea-norte de Chile. Revista Chilena De Historia Natural, 2013, 86, 1-14.	0.5	5
407	Global hydrobelts and hydroregions: improved reporting scale for water-related issues?. Hydrology and Earth System Sciences, 2013, 17, 1093-1111.	1.9	39
408	Global Water Governance in the Context of Global and Multilevel Governance: Its Need, Form, and Challenges. Ecology and Society, 2013, 18, .	1.0	57
409	BALANCING CONSERVATION NEEDS WITH USES OF RIVER ECOSYSTEMS. Acta Biologica Colombiana, 2013, 19, 3.	0.1	8
410	Incommensurability and Boundary Crossing Research: Threat or Tool?. SSRN Electronic Journal, 2013, , .	0.4	0

#	ARTICLE	IF	CITATIONS
411	Global water governance and river basin organisations. , 2014, , .		3
413	Socio-hydrologic modeling to understand and mediate the competition for water between agriculture development and environmental health: Murrumbidgee River basin, Australia. Hydrology and Earth System Sciences, 2014, 18, 4239-4259.	1.9	136
414	Development and Applications of a Comprehensive Land Use Classification and Map for the US. PLoS ONE, 2014, 9, e94628.	1.1	75
415	Crucial functioning of and human dependence on the global water system. , 0, , 94-140.		0
416	Water footprints of cities “ indicators for sustainable consumption and production. Hydrology and Earth System Sciences, 2014, 18, 213-226.	1.9	69
417	Quantifying the human impact on water resources: a critical review of the water footprint concept. Hydrology and Earth System Sciences, 2014, 18, 2325-2342.	1.9	115
419	Current ecological understanding of fungal-like pathogens of fish: what lies beneath?. Frontiers in Microbiology, 2014, 5, 62.	1.5	80
420	Impact of the Farakka Dam on Thresholds of the Hydrologic Flow Regime in the Lower Ganges River Basin (Bangladesh). Water (Switzerland), 2014, 6, 2501-2518.	1.2	83
421	Global modeling of withdrawal, allocation and consumptive use of surface water and groundwater resources. Earth System Dynamics, 2014, 5, 15-40.	2.7	549
422	Urban Watershed Services for Improved Ecosystem Management and Risk Reduction, Assessment Methods and Policy Instruments: State of the Art. SSRN Electronic Journal, 0, , .	0.4	2
423	Lethal and Sublethal Effects of Pesticides on Aquatic Organisms: The Case of a Freshwater Shrimp Exposure to Roundup®. , 0, , .		6
424	Analysis of Gender and Other Social Dimensions of Household Water Insecurity in Ngamiland, Botswana. Journal of Management and Sustainability, 2014, 4, .	0.2	2
425	Determining regional limits and sectoral constraints for water use. Hydrology and Earth System Sciences, 2014, 18, 4039-4052.	1.9	8
426	Eletricidade para o bombeamento de Água subterrânea: limitaões e oportunidades para respostas adaptativas As mudanças climáticas. Desenvolvimento E Meio Ambiente, 0, 30, .	0.0	0
427	Modelling multiple threats to water security in the Peruvian Amazon using the WaterWorld policy support system. Earth System Dynamics, 2014, 5, 55-65.	2.7	13
430	Analysis of Temperature Trends in Sutluj River Basin, India. Journal of Earth Science & Climatic Change, 2014, 05, .	0.2	8
431	Are metals in the muscle tissue of Mozambique tilapia a threat to human health? A case study of two impoundments in the Olifants River, Limpopo province, South Africa. Annales De Limnologie, 2014, 50, 201-210.	0.6	28
434	Legal pluralism in aquatic regimes: a challenge for governance. Current Opinion in Environmental Sustainability, 2014, 11, 78-85.	3.1	49

#	ARTICLE	IF	CITATIONS
435	Worldwide estimation of river concentrations of any chemical originating from sewage treatment plants using dilution factors. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 447-452.	2.2	141
436	Putting pharmaceuticals into the wider context of challenges to fish populations in rivers. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130581.	1.8	44
437	Transboundary water law and vulnerable people: legal interpretations of the "equitable use" principle. <i>Water International</i> , 2014, 39, 743-754.	0.4	3
438	Individual and cumulative effects of agriculture, forestry and metal mining activities on the metal and phosphorus content of fluvial fine-grained sediment; Quesnel River Basin, British Columbia, Canada. <i>Science of the Total Environment</i> , 2014, 496, 435-442.	3.9	17
439	Water Security and Society: Risks, Metrics, and Pathways. <i>Annual Review of Environment and Resources</i> , 2014, 39, 611-639.	5.6	102
440	Silica decouples fungal growth and litter decomposition without changing responses to climate warming and N enrichment. <i>Ecology</i> , 2014, 95, 3181-3189.	1.5	42
441	Modelling basin-scale distribution of fish occurrence probability for assessment of flow and habitat conditions in rivers. <i>Hydrological Sciences Journal</i> , 2014, 59, 618-628.	1.2	4
442	Toward global mapping of river discharge using satellite images and at-many-stations hydraulic geometry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4788-4791.	3.3	262
443	A new paradigm for water? A comparative review of integrated, adaptive and ecosystem-based water management in the Anthropocene. <i>International Journal of Water Resources Development</i> , 2014, 30, 377-390.	1.2	73
444	Water and urbanization. <i>Environmental Research Letters</i> , 2014, 9, 111002.	2.2	7
445	A New Modified Tennant Method with Spatial-Temporal Variability. <i>Water Resources Management</i> , 2014, 28, 4911-4926.	1.9	31
446	Sustainability of global water use: past reconstruction and future projections. <i>Environmental Research Letters</i> , 2014, 9, 104003.	2.2	312
447	Climate change uncertainty in environmental flows for the Mekong River. <i>Hydrological Sciences Journal</i> , 2014, 59, 935-954.	1.2	63
448	A Review of Urban Water Body Challenges and Approaches: (2) Mitigating Effects of Future Urbanization. <i>Fisheries</i> , 2014, 39, 30-40.	0.6	21
449	Using Hard Part Microchemistry to Advance Conservation and Management of North American Freshwater Fishes. <i>Fisheries</i> , 2014, 39, 451-465.	0.6	72
450	Meta-Analysis of Lost Ecosystem Attributes in Urban Streams and the Effectiveness of Out-of-Channel Management Practices. <i>Restoration Ecology</i> , 2014, 22, 741-748.	1.4	44
451	Utility of environmental DNA for monitoring rare and indicator macroinvertebrate species. <i>Freshwater Science</i> , 2014, 33, 1174-1183.	0.9	144
452	Understanding and managing enhancements: why fisheries scientists should care. <i>Journal of Fish Biology</i> , 2014, 85, 1807-1829.	0.7	64

#	ARTICLE	IF	CITATIONS
453	Planning for Algal Systems: An Energy-Water-Food Nexus Perspective. <i>Industrial Biotechnology</i> , 2014, 10, 202-211.	0.5	16
454	Water footprint benchmarks for crop production: A first global assessment. <i>Ecological Indicators</i> , 2014, 46, 214-223.	2.6	271
455	Human health risk assessment for silver catfish <i>Schilbe intermedius</i> Appel, 1832, from two impoundments in the Olifants River, Limpopo, South Africa. <i>Water S A</i> , 2014, 40, 607.	0.2	19
456	Three necessary conditions for establishing effective Sustainable Development Goals in the Anthropocene. <i>Ecology and Society</i> , 2014, 19, .	1.0	52
457	A river environment index for Korean national rivers: rationale, methods and application. <i>Water Policy</i> , 2014, 16, 481-500.	0.7	3
458	Revisiting the Environmental and Socioeconomic Effects of Population Growth: a Fundamental but Fading Issue in Modern Scientific, Public, and Political Circles. <i>Ecology and Society</i> , 2014, 19, .	1.0	22
459	Water Quality of the Mediterranean. , 2014, , 230-250.		3
460	The Great Lakes: Foundations of Physics, Hydrology, Water Chemistry, and Biodiversity. , 2014, , 359-389.		0
461	Relationships between the psychiatric drug carbamazepine and freshwater macroinvertebrate community structure. <i>Science of the Total Environment</i> , 2014, 496, 499-509.	3.9	22
462	Securing Water and Wastewater Systems. , 2014, , .		9
463	Food, Water, and Scarcity. <i>Current Anthropology</i> , 2014, 55, 444-468.	0.8	147
464	Presence of Illicit Drugs in the Sarno River (Campania Region, Italy). <i>Pharmacology & Pharmacy</i> , 2014, 05, 755-761.	0.2	1
465	Hydrological drought and the role of refugia in an endangered riffle-dwelling fish, Nooksack dace (<i>Rhinichthys cataractae</i> ssp.). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2014, 71, 1625-1634.	0.7	12
466	Nonbinding agreements in Europe's trans-boundary river pollution: a first assessment. <i>International Journal of Water</i> , 2014, 8, 1.	0.1	1
467	Bayesian reference condition models achieve comparable or superior performance to existing standard techniques. <i>Freshwater Science</i> , 2014, 33, 1272-1285.	0.9	1
468	Lower critical solution temperature (LCST) phase separation of glycol ethers for forward osmotic control. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 5319-5325.	1.3	44
469	Linking human well-being and jellyfish: ecosystem services, impacts, and societal responses. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 515-523.	1.9	108
470	Predicting the ecological impacts of a new freshwater invader: functional responses and prey selectivity of the "killer shrimp" <i>Dikerogammarus villosus</i>, compared to the native <i>ammarus pulex</i>. <i>Freshwater Biology</i> , 2014, 59, 337-352.	1.2	55

#	ARTICLE	IF	CITATIONS
471	The Impact of Climate Change on the Water Resources of the Amu Darya Basin in Central Asia. <i>Water Resources Management</i> , 2014, 28, 5267-5281.	1.9	82
472	Coping with the curse of freshwater variability. <i>Science</i> , 2014, 346, 429-430.	6.0	155
473	Do septic tank systems pose a hidden threat to water quality?. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 123-130.	1.9	139
474	A systematic approach to assess human wellbeing demonstrated for impacts of climate change. <i>Change and Adaptation in Socio-Ecological Systems</i> , 2014, 1, .	1.5	3
475	Implications of climate change for potamodromous fishes. <i>Global Change Biology</i> , 2014, 20, 1794-1807.	4.2	42
476	Linking interdecadal changes in British river ecosystems to water quality and climate dynamics. <i>Global Change Biology</i> , 2014, 20, 2725-2740.	4.2	31
477	ASSESSING THE CUMULATIVE IMPACTS OF HYDROPOWER REGULATION ON THE FLOW CHARACTERISTICS OF A LARGE ATLANTIC SALMON RIVER SYSTEM. <i>River Research and Applications</i> , 2014, 30, 456-475.	0.7	20
478	The "water security" dialogue: why it needs to be better informed about groundwater. <i>Hydrogeology Journal</i> , 2014, 22, 1489-1492.	0.9	57
479	Accept no substitute: biodiversity matters. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2014, 24, 435-440.	0.9	36
480	Human conflict and ecosystem services: finding the environmental price of warfare. <i>International Affairs</i> , 2014, 90, 853-869.	0.6	19
481	Building ecosystem resilience for climate change adaptation in the Asian highlands. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2014, 5, 709-718.	3.6	46
482	Modelling hydrological connectivity of tropical floodplain wetlands via a combined natural and artificial stream network. <i>Hydrological Processes</i> , 2014, 28, 5696-5710.	1.1	32
483	Impacts and indicators of change in lotic ecosystems. <i>Wiley Interdisciplinary Reviews: Water</i> , 2014, 1, 513-531.	2.8	92
484	Water Stratification Affects the Microeukaryotic Community in a Subtropical Deep Reservoir. <i>Journal of Eukaryotic Microbiology</i> , 2014, 61, 126-133.	0.8	15
485	Water ethics on a human-dominated planet: rationality, context and values in global governance. <i>Wiley Interdisciplinary Reviews: Water</i> , 2014, 1, 533-547.	2.8	27
486	Potential ecological footprints of active pharmaceutical ingredients: an examination of risk factors in low-, middle- and high-income countries. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130586.	1.8	123
488	Quantifying ecological responses to amplified water level fluctuations in standing waters: an experimental approach. <i>Journal of Applied Ecology</i> , 2014, 51, 1282-1291.	1.9	39
489	River classification: theory, practice, politics. <i>Wiley Interdisciplinary Reviews: Water</i> , 2014, 1, 349-367.	2.8	79

#	ARTICLE	IF	CITATIONS
490	Threats and opportunities for freshwater conservation under future land use change scenarios in the United States. <i>Global Change Biology</i> , 2014, 20, 113-124.	4.2	78
491	IMPLEMENTING ENVIRONMENTAL FLOWS IN SEMI-REGULATED AND UNREGULATED RIVERS USING A FLEXIBLE FRAMEWORK: CASE STUDIES FROM TASMANIA, AUSTRALIA. <i>River Research and Applications</i> , 2014, 30, 578-592.	0.7	11
492	Flows for native fish in the Murray-Darling Basin: lessons and considerations for future management. <i>Ecological Management and Restoration</i> , 2014, 15, 40-50.	0.7	50
493	Long-term variations and trends in precipitation in Finland. <i>International Journal of Climatology</i> , 2014, 34, 3139-3153.	1.5	58
494	PROJECTED FLOW ALTERATION AND ECOLOGICAL RISK FOR PAN-EUROPEAN RIVERS. <i>River Research and Applications</i> , 2014, 30, 299-314.	0.7	73
495	Fabrication of multilayered superparamagnetic particles based on sequential thermal deposition method. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 06JJ01.	0.8	2
496	Multi-field x-ray microscope based on array of refractive lenses. <i>Journal of Micromechanics and Microengineering</i> , 2014, 24, 075005.	1.5	5
497	Enhancing the efficiency of wastewater treatment by addition of Fe-based amorphous alloy powders with H ₂ O ₂ in ferrofluid. <i>Functional Materials Letters</i> , 2014, 07, 1450028.	0.7	13
498	Patterns of local and nonlocal water resource use across the western U.S. determined via stable isotope intercomparisons. <i>Water Resources Research</i> , 2014, 50, 8034-8049.	1.7	43
499	Genetic diversity and dispersal potential of the stonefly <i>Dinocras cephalotes</i> in a central European low mountain range. <i>Freshwater Science</i> , 2014, 33, 181-192.	0.9	39
500	Riparian shading mitigates stream eutrophication in agricultural catchments. <i>Freshwater Science</i> , 2014, 33, 73-84.	0.9	71
501	Sustaining Freshwater Biodiversity in the Anthropocene. <i>Springer Water</i> , 2014, , 247-270.	0.2	42
502	Threats to Freshwater Biodiversity in a Changing World. , 2014, , 243-253.		25
503	Ecological risks and opportunities from engineered artificial flooding as a means of achieving environmental flow objectives. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 386-394.	1.9	75
504	Too much of a good thing? Building social capital through knowledge transfer and collaborative networks in the southern Philippines. <i>International Journal of Water Resources Development</i> , 2014, 30, 495-514.	1.2	9
505	Mapping China's freshwater fishes: diversity and biogeography. <i>Fish and Fisheries</i> , 2014, 15, 209-230.	2.7	80
506	Leaf decomposition and ecosystem metabolism as functional indicators of land use impacts on tropical streams. <i>Ecological Indicators</i> , 2014, 36, 195-204.	2.6	69
507	Streamflow changes of the Changjiang (Yangtze) River in the recent 60 years: Impacts of the East Asian summer monsoon, ENSO, and human activities. <i>Quaternary International</i> , 2014, 336, 98-107.	0.7	79

#	ARTICLE	IF	CITATIONS
508	Assessment of the water supply:demand ratios in a Mediterranean basin under different global change scenarios and mitigation alternatives. <i>Science of the Total Environment</i> , 2014, 470-471, 567-577.	3.9	168
509	The use of replacement cost method to assess and manage the impacts of water resource development on Australian indigenous customary economies. <i>Journal of Environmental Management</i> , 2014, 135, 100-109.	3.8	54
510	Integrating agriculture and climate change mitigation at landscape scale: Implications from an Australian case study. <i>Global Environmental Change</i> , 2014, 29, 306-317.	3.6	30
511	Is the Water Footprint an Appropriate Tool for Forestry and Forest Products: The Fennoscandian Case. <i>Ambio</i> , 2014, 43, 244-256.	2.8	41
512	Chemistry of the heavily urbanized Bagmati River system in Kathmandu Valley, Nepal: export of organic matter, nutrients, major ions, silica, and metals. <i>Environmental Earth Sciences</i> , 2014, 71, 911-922.	1.3	32
513	Assessing the impacts of changing land cover and climate on Hokersar wetland in Indian Himalayas. <i>Arabian Journal of Geosciences</i> , 2014, 7, 143-160.	0.6	90
514	Global patterns of freshwater species diversity, threat and endemism. <i>Global Ecology and Biogeography</i> , 2014, 23, 40-51.	2.7	486
515	Water and the Future of Humanity. , 2014, , .		6
516	Site-specific water quality guidelines: 1. Derivation approaches based on physicochemical, ecotoxicological and ecological data. <i>Environmental Science and Pollution Research</i> , 2014, 21, 118-130.	2.7	26
517	Temporal variations of benthic diatom community and its main influencing factors in a subtropical river, China. <i>Environmental Science and Pollution Research</i> , 2014, 21, 434-444.	2.7	20
518	Sources and mass fluxes of the main contaminants in a heavily polluted and modified river of the North China Plain. <i>Environmental Science and Pollution Research</i> , 2014, 21, 5678-5688.	2.7	25
519	Application of System Dynamics to Water Security Research. <i>Water Resources Management</i> , 2014, 28, 287-300.	1.9	57
520	Water resource management and climate change adaptation: a holistic and multiple criteria perspective. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2014, 19, 289-308.	1.0	33
521	Headwater biodiversity among different levels of stream habitat hierarchy. <i>Biodiversity and Conservation</i> , 2014, 23, 63-80.	1.2	7
522	Planning for the Murray-Darling Basin: lessons from transboundary basins around the world. <i>Stochastic Environmental Research and Risk Assessment</i> , 2014, 28, 123-136.	1.9	8
523	Microporous and mesoporous materials for the treatment of wastewater produced by petrochemical activities. <i>Journal of Cleaner Production</i> , 2014, 77, 22-34.	4.6	42
524	Downstream fish assemblage response to river impoundment varies with degree of hydrologic alteration. <i>Hydrobiologia</i> , 2014, 728, 23-39.	1.0	23
525	Spatial heterogeneity of stream environmental conditions and macroinvertebrates community in an agriculture dominated watershed and management implications for a large river (the Liao River,). <i>Tj ETQq1 1 0.784314 rgBT / Overlock</i>	1.0	10

#	ARTICLE	IF	CITATIONS
526	Water Planning and Hydro-Climatic Change in the Murray-Darling Basin, Australia. <i>Ambio</i> , 2014, 43, 1082-1092.	2.8	51
527	Downscaling the non-stationary effect of climate forcing on local-scale dynamics: the importance of environmental filters. <i>Climatic Change</i> , 2014, 124, 333-346.	1.7	13
528	Monitoring and validating the temporal dynamics of interday streamflow from two upland head micro-watersheds with different vegetative conditions during dry periods of the growing season in the Bohemian Massif, Czech Republic. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 3837-3846.	1.3	8
529	The integrated biomarker response revisited: optimization to avoid misuse. <i>Environmental Science and Pollution Research</i> , 2014, 21, 2448-2454.	2.7	179
530	Potential Impacts of Global Warming on the Diversity and Distribution of Stream Insects in South Korea. <i>Conservation Biology</i> , 2014, 28, 498-508.	2.4	42
531	Where does solar-aided seawater desalination make sense? A method for identifying sustainable sites. <i>Desalination</i> , 2014, 339, 10-17.	4.0	64
532	Spatiotemporal patterns in the mean and extreme temperature indices of India, 1971-2005. <i>International Journal of Climatology</i> , 2014, 34, 3585-3603.	1.5	56
533	Metamorphosis in river ecology: from reaches to macrosystems. <i>Freshwater Biology</i> , 2014, 59, 200-210.	1.2	40
534	Active colonization dynamics and diversity patterns are influenced by dendritic network connectivity and species interactions. <i>Ecology and Evolution</i> , 2014, 4, 1243-1254.	0.8	35
535	Ecology and conservation of freshwater fish: time to act for a more effective management. <i>Ecology of Freshwater Fish</i> , 2014, 23, 111-113.	0.7	16
536	Long-term mark-recapture study of a freshwater mussel reveals patterns of habitat use and an association between survival and river discharge. <i>Freshwater Biology</i> , 2014, 59, 1872-1883.	1.2	23
537	Remote sensing of euphotic depth in shallow tropical inland waters of Lake Naivasha using MERIS data. <i>Remote Sensing of Environment</i> , 2014, 148, 178-189.	4.6	57
538	Biodiversity of traits and species both show weak responses to hydromorphological alteration in lowland river macroinvertebrates. <i>Freshwater Biology</i> , 2014, 59, 233-248.	1.2	76
541	Principles for ensuring healthy and productive freshwater ecosystems that support sustainable fisheries. <i>Environmental Reviews</i> , 2014, 22, 110-134.	2.1	67
542	Regional Variation in Water-Related Impacts of Shale Gas Development and Implications for Emerging International Plays. <i>Environmental Science & Technology</i> , 2014, 48, 8298-8306.	4.6	111
543	Role of chromatin in water stress responses in plants. <i>Journal of Experimental Botany</i> , 2014, 65, 2785-2799.	2.4	80
544	Participatory rural appraisal of ecosystem services of wetlands in the Amazonian Piedmont of Colombia: elements for a sustainable management concept. <i>Wetlands Ecology and Management</i> , 2014, 22, 343-361.	0.7	28
545	A lab-on-chip cell-based biosensor for label-free sensing of water toxicants. <i>Lab on A Chip</i> , 2014, 14, 1270-1280.	3.1	43

#	ARTICLE	IF	CITATIONS
546	Comparing and combining physically-based and empirically-based approaches for estimating the hydrology of ungauged catchments. <i>Journal of Hydrology</i> , 2014, 508, 227-239.	2.3	105
547	Electrochemical treatment of human waste coupled with molecular hydrogen production. <i>RSC Advances</i> , 2014, 4, 4596-4608.	1.7	68
548	Freshwater Biodiversity and Aquatic Insect Diversification. <i>Annual Review of Entomology</i> , 2014, 59, 143-163.	5.7	183
549	The future's four quarters: Proposing a quadrant methodology for strategic prototyping in infrastructural contexts. <i>Technological Forecasting and Social Change</i> , 2014, 84, 115-130.	6.2	9
550	Free-standing zirconia nanofibrous membranes with robust flexibility for corrosive liquid filtration. <i>RSC Advances</i> , 2014, 4, 2756-2763.	1.7	34
551	Improvement of Crops in the Era of Climatic Changes. , 2014, , .		12
552	Implementing environmental flows in integrated water resources management and the ecosystem approach. <i>Hydrological Sciences Journal</i> , 2014, 59, 860-877.	1.2	46
553	Nanotechnology in Food and Agriculture Industry. <i>Food Engineering Series</i> , 2014, , 477-497.	0.3	4
554	Incorporating continuous trait variation into biomonitoring assessments by measuring and assigning trait values to individuals or taxa. <i>Freshwater Biology</i> , 2014, 59, 477-490.	1.2	17
555	The precarious state of the hydrosphere: why biocultural health matters. <i>Wiley Interdisciplinary Reviews: Water</i> , 2014, 1, 1-9.	2.8	12
556	What individuals know, do not know, and need to know about watershed health in an urbanizing USA Midwestern city: A mental model approach. <i>Urban Water Journal</i> , 2014, 11, 482-496.	1.0	3
557	Population genetic structure of the Australian caddisfly <i>Lectrides varians</i> Mosely (Trichoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Conservation, 2014, 18, 1037-1046.	0.8	8
558	The changing nature of river restoration. <i>Wiley Interdisciplinary Reviews: Water</i> , 2014, 1, 249-261.	2.8	94
559	Eutrophication as a driver of <i>selection</i> traits in a freshwater fish. <i>Journal of Fish Biology</i> , 2014, 85, 343-354.	0.7	8
560	Eicosanoid Signaling in Insects: from Discovery to Plant Protection. <i>Critical Reviews in Plant Sciences</i> , 2014, 33, 20-63.	2.7	101
561	Water Flows Toward Power: Socioecological Degradation of Lake Urmia, Iran. <i>Society and Natural Resources</i> , 2014, 27, 759-767.	0.9	14
562	Twenty years of pacifying responses to environmental management. <i>Australasian Journal of Environmental Management</i> , 2014, 21, 143-174.	0.6	18
563	Can river management improve the piping plover's long-term survival on the Missouri River?. <i>Biological Conservation</i> , 2014, 180, 196-205.	1.9	20

#	ARTICLE	IF	CITATIONS
564	Biotic impacts of energy development from shale: research priorities and knowledge gaps. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 330-338.	1.9	79
565	Implications of hydro-political dependency for international water cooperation and conflict: Insights from new data. <i>Political Geography</i> , 2014, 42, 23-33.	1.3	28
566	Water Management in Italy. <i>SpringerBriefs in Water Science and Technology</i> , 2014, , .	0.5	20
567	Applications of spatial statistical network models to stream data. <i>Wiley Interdisciplinary Reviews: Water</i> , 2014, 1, 277-294.	2.8	139
568	Modelling impacts of regulation on flows to the Lowbidgee floodplain of the Murrumbidgee River, Australia. <i>Journal of Hydrology</i> , 2014, 519, 1660-1667.	2.3	7
569	Chelating polymer modified P84 nanofiltration (NF) hollow fiber membranes for high efficient heavy metal removal. <i>Water Research</i> , 2014, 63, 252-261.	5.3	231
570	Wildfire and the Future of Water Supply. <i>Environmental Science & Technology</i> , 2014, 48, 8936-8943.	4.6	203
571	A blue/green water-based accounting framework for assessment of water security. <i>Water Resources Research</i> , 2014, 50, 7187-7205.	1.7	100
572	Large-Scale Runoff from Landmasses: A Global Assessment of the Closure of the Hydrological and Atmospheric Water Balances*. <i>Journal of Hydrometeorology</i> , 2014, 15, 2111-2139.	0.7	66
573	The effects of the psychiatric drug carbamazepine on freshwater invertebrate communities and ecosystem dynamics. <i>Science of the Total Environment</i> , 2014, 496, 461-470.	3.9	39
574	The power of efficiency: Optimizing environmental and social benefits through demand-side-management. <i>Energy</i> , 2014, 76, 502-512.	4.5	23
575	Water resources management in a homogenizing world: Averting the growth and underinvestment trajectory. <i>Water Resources Research</i> , 2014, 50, 7515-7526.	1.7	24
576	Litter processing and shredder distribution as indicators of riparian and catchment influences on ecological health of tropical streams. <i>Ecological Indicators</i> , 2014, 46, 23-37.	2.6	46
577	Environmental nutrient supply alters prevalence and weakens competitive interactions among coinfecting viruses. <i>New Phytologist</i> , 2014, 204, 424-433.	3.5	53
578	Mapping Change in Human Pressure Globally on Land and within Protected Areas. <i>Conservation Biology</i> , 2014, 28, 1604-1616.	2.4	186
579	Trace metal pollution in aquatic sediments and some fish species from the Kwilu-Ngongo River, Democratic Republic of Congo (Bas-Congo). <i>Toxicological and Environmental Chemistry</i> , 2014, 96, 48-57.	0.6	23
580	Potential of legume-based grassland-livestock systems in Europe: a review. <i>Grass and Forage Science</i> , 2014, 69, 206-228.	1.2	433
581	Characterization of biogenic phosphorus in sediments from the multi-polluted Haihe River, China, using phosphorus fractionation and ³¹ P-NMR. <i>Ecological Engineering</i> , 2014, 71, 520-526.	1.6	12

#	ARTICLE	IF	CITATIONS
582	Biogeographic determinants of Australian freshwater fish life-history indices assessed within a spatio-temporal phylogenetic framework. <i>Global Ecology and Biogeography</i> , 2014, 23, 1387-1397.	2.7	12
583	Monitoring decadal lake dynamics across the Yangtze Basin downstream of Three Gorges Dam. <i>Remote Sensing of Environment</i> , 2014, 152, 251-269.	4.6	178
584	The Business of Water: Market Environmentalism in the Water Sector. <i>Annual Review of Environment and Resources</i> , 2014, 39, 469-494.	5.6	71
585	Environmental flows for natural, hybrid, and novel riverine ecosystems in a changing world. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 466-473.	1.9	289
586	Simulating wetland impacts on stream flow in southern Africa using a monthly hydrological model. <i>Hydrological Processes</i> , 2014, 28, 1775-1786.	1.1	31
587	The Global Water System in the Anthropocene. <i>Springer Water</i> , 2014, . .	0.2	13
588	The role of science in setting water resource use limits: case studies from New Zealand. <i>Hydrological Sciences Journal</i> , 2014, 59, 844-859.	1.2	10
589	Proposal for a simple hydromorphological habitat survey method for freshwater bivalve (Unionidae) inventories. <i>Aquatic Ecology</i> , 2014, 48, 237-245.	0.7	3
590	Characterising genetic diversity and effective population size in one reservoir and two riverine populations of the threatened Macquarie perch. <i>Conservation Genetics</i> , 2014, 15, 707-716.	0.8	6
591	Spatial and temporal patterns of carbon flow in a temperate, large river food web. <i>Hydrobiologia</i> , 2014, 729, 107-131.	1.0	41
592	The cost of living in the Anthropocene. <i>Earth Perspectives -- Transdisciplinarity Enabled</i> , 2014, 1, 2.	1.4	25
593	Decadal-Scale Change in a Large-River Ecosystem. <i>BioScience</i> , 2014, 64, 496-510.	2.2	49
594	Wetland plant growth under contrasting water regimes associated with river regulation and drought: implications for environmental water management. <i>Plant Ecology</i> , 2014, 215, 997-1011.	0.7	33
595	Comparing the Effects of Aquatic Stressors on Model Temperate Freshwater Aquatic Communities. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	13
596	Seasonal Invasion Dynamics in a Spatially Heterogeneous River with Fluctuating Flows. <i>Bulletin of Mathematical Biology</i> , 2014, 76, 1522-1565.	0.9	23
597	Ganges River Dolphin: An Overview of Biology, Ecology, and Conservation Status in India. <i>Ambio</i> , 2014, 43, 1029-1046.	2.8	46
598	Floodplain inundation and vegetation dynamics in the Alligator Rivers region (Kakadu) of northern Australia assessed using optical and radar remote sensing. <i>Remote Sensing of Environment</i> , 2014, 147, 43-55.	4.6	93
599	Classification of natural flow regimes in Iran to support environmental flow management. <i>Hydrological Sciences Journal</i> , 2014, 59, 517-529.	1.2	18

#	ARTICLE	IF	CITATIONS
600	Response of evapotranspiration and water availability to the changing climate in Northern Eurasia. <i>Climatic Change</i> , 2014, 126, 413-427.	1.7	35
601	The unfolding water drama in the Anthropocene: towards a resilience-based perspective on water for global sustainability. <i>Ecohydrology</i> , 2014, 7, 1249-1261.	1.1	197
602	Development of two diatom-based indices: a biotic and a multimetric index for assessing mine impacts in New Zealand streams. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2014, 48, 163-176.	0.8	17
603	Emerging Challenges for the Drinking Water Industry. <i>Environmental Science & Technology</i> , 2014, 48, 2099-2101.	4.6	30
604	Response of bacterial communities to environmental changes in a mesoscale subtropical watershed, Southeast China. <i>Science of the Total Environment</i> , 2014, 472, 746-756.	3.9	88
605	Complex Interaction of Dendritic Connectivity and Hierarchical Patch Size on Biodiversity in River-Like Landscapes. <i>American Naturalist</i> , 2014, 183, 13-25.	1.0	108
606	Regionalisation of global insights into dryland vulnerability: Better reflecting smallholders' vulnerability in Northeast Brazil. <i>Global Environmental Change</i> , 2014, 25, 173-185.	3.6	39
607	An analysis of factors contributing to household water security problems and threats in different settlement categories of Ngamiland, Botswana. <i>Physics and Chemistry of the Earth</i> , 2014, 67-69, 187-201.	1.2	24
608	Development of new indicators to evaluate river fragmentation and flow regulation at large scales: A case study for the Mekong River Basin. <i>Ecological Indicators</i> , 2014, 45, 148-159.	2.6	102
609	Effects of a fungicide (imazalil) and an insecticide (diazinon) on stream fungi and invertebrates associated with litter breakdown. <i>Science of the Total Environment</i> , 2014, 476-477, 532-541.	3.9	48
610	Applicability of market-based instruments for safeguarding water quality in coastal waterways: Case study for Darwin Harbour, Australia. <i>Journal of Hydrology</i> , 2014, 509, 1-12.	2.3	6
611	Climate change adaptation and Integrated Water Resource Management in the water sector. <i>Journal of Hydrology</i> , 2014, 518, 235-242.	2.3	82
612	Measuring "no-win" waterscapes: Experience-based scales and classification approaches to assess household water security in colonias on the US-Mexico border. <i>Geoforum</i> , 2014, 51, 107-120.	1.4	121
613	Dynamic variation of microbial metabolites and community involved in membrane fouling in A/O-MBR. <i>Journal of Membrane Science</i> , 2014, 458, 157-163.	4.1	27
614	Polyethyleneimine (PEI) cross-linked P84 nanofiltration (NF) hollow fiber membranes for Pb ²⁺ removal. <i>Journal of Membrane Science</i> , 2014, 452, 300-310.	4.1	182
615	The method matters: A guide for indicator aggregation in ecological assessments. <i>Ecological Indicators</i> , 2014, 45, 494-507.	2.6	108
616	Organic chemicals jeopardize the health of freshwater ecosystems on the continental scale. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9549-9554.	3.3	604
617	Flow regime shifts in the Little Piney creek (US). <i>Advances in Water Resources</i> , 2014, 71, 44-54.	1.7	8

#	ARTICLE	IF	CITATIONS
618	Safety of Italian dams in the face of flood hazard. <i>Advances in Water Resources</i> , 2014, 71, 23-31.	1.7	20
619	Polyaniline nanofiber reinforced nanocomposite based highly sensitive piezoelectric sensors for selective detection of hydrochloric acid: Analysis of response mechanism. <i>Sensors and Actuators B: Chemical</i> , 2014, 190, 199-207.	4.0	18
620	A programmable information system for management and analysis of aquatic species range data in California. <i>Environmental Modelling and Software</i> , 2014, 53, 13-26.	1.9	15
621	Understanding how nutrient cycles and freshwater mussels (Unionoida) affect one another. <i>Hydrobiologia</i> , 2014, 735, 277-292.	1.0	102
622	EVALUATING TRADEOFFS BETWEEN ENVIRONMENTAL FLOW PROTECTIONS AND AGRICULTURAL WATER SECURITY. <i>River Research and Applications</i> , 2014, 30, 315-328.	0.7	28
623	Effect of Climate Change on Environmental Flow Indicators in the Narew Basin, Poland. <i>Journal of Environmental Quality</i> , 2014, 43, 155-167.	1.0	40
624	A Social-ecological Framework to Integrate Multiple Objectives for Environmental Flows Management. <i>Journal of Contemporary Water Research and Education</i> , 2014, 153, 49-58.	0.7	3
626	Governance for navigating the novel freshwater dynamics of the Anthropocene. , 0, , 226-249.		0
627	Illustrating a new global-scale approach to estimating potential reduction in fish species richness due to flow alteration. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 621-630.	1.9	14
628	River basin governance and water policies in Spain. , 2014, , .		20
630	Sustainable development in Qatar: Challenges and opportunities. <i>QScience Connect</i> , 2014, 2014, .	0.2	15
631	Climate adaptation in river management in a post-stationary world. , 2014, , .		0
632	<i>Freshwater Resources</i> . , 0, , 229-270.		16
633	<i>Terrestrial and Inland Water Systems</i> . , 0, , 271-360.		25
634	Community structure and decadal changes in macrozoobenthic assemblages in Lake Poyang, the largest freshwater lake in China. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2014, , 09.	0.5	13
635	The spatiotemporal distribution of dissolved inorganic and organic carbon in the main stem of the Changjiang (Yangtze) River and the effect of the Three Gorges Reservoir. <i>Journal of Geophysical Research C: Biogeosciences</i> , 2014, 119, 741-757.	1.3	79
636	A review of Australian institutions for riparian adaptation to climate change. <i>Journal of Water and Climate Change</i> , 2014, 5, 315-327.	1.2	1
637	Effects of the length of inundation periods on investment in tuber biomass and sexual reproduction by <i>Vallisneria spirulosa</i> S.Z. Yan Ramets. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2014, , 03.	0.5	2

#	ARTICLE	IF	CITATIONS
638	An integrated modeling framework for exploring flow regime and water quality changes with increasing biofuel crop production in the U.S. Corn Belt. <i>Water Resources Research</i> , 2014, 50, 9385-9404.	1.7	29
643	LONGITUDINAL TRENDS OF FLOW REGIMES ALTERED BY DAMS IN THE LOWLAND SECTION OF SAGAMI RIVER. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2014, 70, 1_31-1_36.	0.0	1
645	Overview of the Manitou Experimental Forest Observatory: site description and selected science results from 2008 to 2013. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 6345-6367.	1.9	62
647	Genotoxicity biomarkers in aquatic bioindicators. <i>Environmental Epigenetics</i> , 2014, 60, 273-284.	0.9	94
648	Full Issue PDF Volume 39, Issue 10. <i>Fisheries</i> , 2014, 39, 437-480.	0.6	1
649	Maximizing colonial waterbirds' breeding events using identified ecological thresholds and environmental flow management. <i>Ecological Applications</i> , 2014, 24, 142-157.	1.8	32
650	Classification and comparison of natural and altered flow regimes to support an Australian trial of the Ecological Limits of Hydrologic Alteration framework. <i>Ecohydrology</i> , 2014, 7, 1485-1507.	1.1	45
651	Retrieval of river discharge solely from satellite imagery and at many stations hydraulic geometry: Sensitivity to river form and optimization parameters. <i>Water Resources Research</i> , 2014, 50, 9604-9619.	1.7	119
652	Hurricane Sandy in New York, extreme climate events and the urbanization of climate change: perspectives in the context of sub-Saharan African cities. <i>Current Opinion in Environmental Sustainability</i> , 2015, 13, 88-94.	3.1	17
653	Thermal and Spectral Characterization of Bottom Sediment from the Water Reservoir RuÅ¾n No.1 in Eastern Slovakia. <i>Procedia Earth and Planetary Science</i> , 2015, 15, 839-843.	0.6	0
654	Prioritising catchment rehabilitation for multi objective management: An application from SE-Queensland, Australia. <i>Ecological Modelling</i> , 2015, 316, 168-175.	1.2	18
655	Advancing marine cumulative effects mapping: An update in Canada's Pacific waters. <i>Marine Policy</i> , 2015, 58, 71-77.	1.5	50
656	A comparative analysis reveals weak relationships between ecological factors and beta diversity of stream insect metacommunities at two spatial levels. <i>Ecology and Evolution</i> , 2015, 5, 1235-1248.	0.8	167
657	Human-impacted waters: New perspectives from global high-resolution monitoring. <i>Water Resources Research</i> , 2015, 51, 7064-7079.	1.7	55
658	Decadal predictability of river discharge with climate oscillations over the 20th and early 21st century. <i>Geophysical Research Letters</i> , 2015, 42, 10,689.	1.5	30
659	Swimming through sand: connectivity of aquatic fauna in deserts. <i>Ecology and Evolution</i> , 2015, 5, 5252-5264.	0.8	27
660	Drying responses of microbial litter decomposition and associated fungal and bacterial communities are not affected by emersion frequency. <i>Freshwater Science</i> , 2015, 34, 1233-1244.	0.9	39
661	Interpreting characteristic drainage timescale variability across Kilombero Valley, Tanzania. <i>Hydrological Processes</i> , 2015, 29, 1912-1924.	1.1	27

#	ARTICLE	IF	CITATIONS
662	Chironomids as indicators in freshwater ecosystems: an assessment of the literature. <i>Insect Conservation and Diversity</i> , 2015, 8, 393-403.	1.4	63
664	River bacterioplankton community responses to a high inflow event. <i>Aquatic Microbial Ecology</i> , 2015, 75, 187-205.	0.9	23
665	Hydrocomplexity: Addressing water security and emergent environmental risks. <i>Water Resources Research</i> , 2015, 51, 5827-5838.	1.7	42
666	An integrated Riverine Environmental Flow Decision Support System (REFDSS) to evaluate the ecological effects of alternative flow scenarios on river ecosystems. <i>Fundamental and Applied Limnology</i> , 2015, 186, 171-192.	0.4	13
669	Old Melioration Systems: The Influence Onto Functioning Of Geoecosystems Of River Valleys In The ParsÅ™ta (NW Poland). <i>Quaestiones Geographicae</i> , 2015, 34, 129-140.	0.5	7
670	Operationalizing an ecosystem services-based approach for managing river biodiversity. , 2015, , 26-34.		6
671	Response lags and environmental dynamics of restoration efforts for Lake Rotorua, New Zealand. <i>Environmental Research Letters</i> , 2015, 10, 074003.	2.2	15
672	Combined impacts of global changes on biodiversity across the USA. <i>Scientific Reports</i> , 2015, 5, 11828.	1.6	19
673	Contextualizing conflict. , 2015, , 315-336.		9
675	Life history and dynamics of a platypus (<i>Ornithorhynchus anatinus</i>) population: four decades of mark-recapture surveys. <i>Scientific Reports</i> , 2015, 5, 16073.	1.6	19
676	Impacts of Land Use on Surface Water Quality in a Subtropical River Basin: A Case Study of the Dongjiang River Basin, Southeastern China. <i>Water (Switzerland)</i> , 2015, 7, 4427-4445.	1.2	125
677	Response of seaward-migrating European eel (<i>Anguilla anguilla</i>) to manipulated flow fields. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151098.	1.2	49
679	Water resources, climate change and energy. , 0, , 6-27.		1
680	Are catfish from metal-polluted impoundments in the Olifants River, South Africa, safe for human consumption?. <i>Inland Waters</i> , 2015, 5, 215-223.	1.1	9
681	Multiple factors and thresholds explaining fish species distributions in lowland streams. <i>Global Ecology and Conservation</i> , 2015, 4, 589-601.	1.0	21
682	Impacts of Contaminants on the Ecological Role of Lotic Biofilms. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015, 95, 421-427.	1.3	9
683	Effects of a "natural" flood event on the riparian ecosystem of a regulated large river system: the 2011 flood on the Missouri River, USA. <i>Ecohydrology</i> , 2015, 8, 812-824.	1.1	39
684	Effect of climate and land cover changes on watershed runoff: A multivariate assessment for storm water management. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 1785-1796.	1.3	30

#	ARTICLE	IF	CITATIONS
685	Water security and the science agenda. <i>Water Resources Research</i> , 2015, 51, 5406-5424.	1.7	115
686	How good are Bayesian belief networks for environmental management? A test with data from an agricultural river catchment. <i>Freshwater Biology</i> , 2015, 60, 2297-2309.	1.2	24
687	Estimation of human-induced changes in terrestrial water storage through integration of GRACE satellite detection and hydrological modeling: A case study of the Yangtze River basin. <i>Water Resources Research</i> , 2015, 51, 8494-8516.	1.7	60
688	Seasonal Dynamics of Phytoplankton and Microbiological Communities during Sporadic Fish Die-Offs in the Bir M'Cherga Reservoir (Tunisia). <i>Cryptogamie, Algologie</i> , 2015, 36, 407-427.	0.3	2
689	Sulfonated Graphene as Cation-Selective Coating: A New Strategy for High-Performance Membrane Capacitive Deionization. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500372.	1.9	75
690	Seven steps towards improving freshwater conservation. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2015, 25, 447-453.	0.9	95
691	Cost-effective assessment of extinction risk with limited information. <i>Journal of Applied Ecology</i> , 2015, 52, 861-870.	1.9	43
692	Movement through Dams Facilitates Population Connectivity in a Large River. <i>River Research and Applications</i> , 2015, 31, 517-525.	0.7	24
694	A nexus of nexuses: systemic governance for climate response. , 0, , 253-267.		2
695	Assessing the quality of four inshore habitats used by post yolk-sac <i>Alosa sapidissima</i> (Wilson) Tj ETQq1 1.0,784314,rgBT /O	1.4	8
696	Coupling virtual watersheds with ecosystem services assessment: a 21st century platform to support river research and management. <i>Wiley Interdisciplinary Reviews: Water</i> , 2015, 2, 609-621.	2.8	29
697	Opinion Paper: how vulnerable are Amazonian freshwater fishes to ongoing climate change?. <i>Journal of Applied Ichthyology</i> , 2015, 31, 4-9.	0.3	41
698	Catchment zoning for freshwater conservation: refining plans to enhance action on the ground. <i>Journal of Applied Ecology</i> , 2015, 52, 940-949.	1.9	36
699	Status of connected wetlands of the Lake Eyre Basin, Australia. <i>Austral Ecology</i> , 2015, 40, 460-471.	0.7	3
700	Resetting the river template: the potential for climate-related extreme floods to transform river geomorphology and ecology. <i>Freshwater Biology</i> , 2015, 60, 2477-2496.	1.2	82
701	The Doomsday Equation and 50 years beyond: new perspectives on the human-water system. <i>Wiley Interdisciplinary Reviews: Water</i> , 2015, 2, 407-414.	2.8	16
702	An environmental crisis: science has failed; let us send in the machines. <i>Wiley Interdisciplinary Reviews: Water</i> , 2015, 2, 595-600.	2.8	7
703	Basin-scale runoff prediction: An Ensemble Kalman Filter framework based on global hydrometeorological data sets. <i>Water Resources Research</i> , 2015, 51, 8450-8475.	1.7	23

#	ARTICLE	IF	CITATIONS
704	Predicting the resilience and recovery of aquatic systems: A framework for model evolution within environmental observatories. <i>Water Resources Research</i> , 2015, 51, 7023-7043.	1.7	80
705	Plant trait characteristics vary with size and eutrophication in European lowland streams. <i>Journal of Applied Ecology</i> , 2015, 52, 1617-1628.	1.9	31
706	Relationships between taxonomic and functional components of diversity: implications for conservation of tropical freshwater fishes. <i>Freshwater Biology</i> , 2015, 60, 1854-1862.	1.2	26
707	"Freshwater Biology" – sustaining excellence in a world of change. <i>Freshwater Biology</i> , 2015, 60, 1737-1739.	1.2	1
708	Interactive multiple-stressor effects of the antibiotic monensin, cattle effluent and light on stream periphyton. <i>Freshwater Biology</i> , 2015, 60, 2410-2423.	1.2	9
709	Conservation of floodplain wetlands – out of sight, out of mind?. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2015, 25, 727-732.	0.9	16
710	A method for quantifying freshwater discharge rates from satellite observations and Lagrangian numerical modeling of river plumes. <i>Environmental Research Letters</i> , 2015, 10, 085009.	2.2	23
711	Efficacy of Mechanically Removing Nonnative Predators from a Desert Stream. <i>River Research and Applications</i> , 2015, 31, 692-703.	0.7	27
712	A Comparison of Electrofishing and Visual Surveying Methods for Estimating Fish Community Structure in Temperate Rivers. <i>River Research and Applications</i> , 2015, 31, 1040-1051.	0.7	19
713	Fragmentation and drying ratchet down Great Plains stream fish diversity. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2015, 25, 639-655.	0.9	99
714	The future of water resources systems analysis: Toward a scientific framework for sustainable water management. <i>Water Resources Research</i> , 2015, 51, 6110-6124.	1.7	214
715	Hindcasting modelling for restoration and conservation planning: application to stream fish assemblages. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2015, 25, 839-854.	0.9	9
716	The changing water cycle: climatic and socioeconomic drivers of water-related changes in the Andes of Peru. <i>Wiley Interdisciplinary Reviews: Water</i> , 2015, 2, 715-733.	2.8	62
717	Resilience-Based Sustainability Indicators for Freshwater Lakes with Application for Dongting Lake, China. <i>Environment and Natural Resources Research</i> , 2015, 5, .	0.1	1
718	Research and Development Priorities in Water Security. <i>Agronomy Journal</i> , 2015, 107, 1567-1572.	0.9	9
719	On inclusion of water resource management in Earth system models – Part 2: Representation of water supply and allocation and opportunities for improved modeling. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 63-90.	1.9	102
720	Evolution of the human-water relationships in the Heihe River basin in the past 2000 years. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 2261-2273.	1.9	36
721	Review and classification of indicators of green water availability and scarcity. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 4581-4608.	1.9	106

#	ARTICLE	IF	CITATIONS
722	Spatial evapotranspiration, rainfall and land use data in water accounting – Part 1: Review of the accuracy of the remote sensing data. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 507-532.	1.9	99
723	Why is the Arkavathy River drying? A multiple-hypothesis approach in a data-scarce region. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 1905-1917.	1.9	54
724	South Asia river-flow projections and their implications for water resources. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 4783-4810.	1.9	14
725	Drivers of spatial and temporal variability of streamflow in the Incomati River basin. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 657-673.	1.9	31
726	Detection and attribution of global change effects on river nutrient dynamics in a large Mediterranean basin. <i>Biogeosciences</i> , 2015, 12, 4085-4098.	1.3	17
727	As múltiplas dimensões da crise hídrica.. <i>Revista USP</i> , 2015, , 21.	0.1	12
728	Student Perceptions of the Arkansas Water Resources Center, <i>Water Resources</i> , and <i>Water Issues</i> . <i>Journal of Natural Resources and Life Sciences Education</i> , 2015, 44, 136-142.	0.8	1
729	Exploring the Modifiable Areal Unit Problem in Spatial Water Assessments: A Case of Water Shortage in Monsoon Asia. <i>Water (Switzerland)</i> , 2015, 7, 898-917.	1.2	18
730	Experimenting with Coupled Hydro-Ecological Models to Explore Measure Plans and Water Quality Goals in a Semi-Enclosed Swedish Bay. <i>Water (Switzerland)</i> , 2015, 7, 3906-3924.	1.2	12
731	Water Discharge and Sediment Load Changes in China: Change Patterns, Causes, and Implications. <i>Water (Switzerland)</i> , 2015, 7, 5849-5875.	1.2	34
732	An Integrated Simulation Model for Dynamically Exploring the Optimal Solution to Mitigating Water Scarcity and Pollution. <i>Sustainability</i> , 2015, 7, 1774-1797.	1.6	11
733	Dual-Level Material and Psychological Assessment of Urban Water Security in a Water-Stressed Coastal City. <i>Sustainability</i> , 2015, 7, 3900-3918.	1.6	20
734	Grand challenges in biogeoscience. <i>Frontiers in Earth Science</i> , 2015, 3, .	0.8	5
735	Year-Long Metagenomic Study of River Microbiomes Across Land Use and Water Quality. <i>Frontiers in Microbiology</i> , 2015, 6, 1405.	1.5	60
736	Importance of Long-Term Cycles for Predicting Water Level Dynamics in Natural Lakes. <i>PLoS ONE</i> , 2015, 10, e0119253.	1.1	18
737	Impacts of Surface Water Diversions for Marijuana Cultivation on Aquatic Habitat in Four Northwestern California Watersheds. <i>PLoS ONE</i> , 2015, 10, e0120016.	1.1	59
738	Dead Shrimp Blues: A Global Assessment of Extinction Risk in Freshwater Shrimps (Crustacea: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 102	1.1	61
739	Can DNA-Based Ecosystem Assessments Quantify Species Abundance? Testing Primer Bias and Biomass-Sequence Relationships with an Innovative Metabarcoding Protocol. <i>PLoS ONE</i> , 2015, 10, e0130324.	1.1	540

#	ARTICLE	IF	CITATIONS
740	Patterns of Freshwater Species Richness, Endemism, and Vulnerability in California. PLoS ONE, 2015, 10, e0130710.	1.1	26
741	Prioritizing Wetlands for Waterbirds in a Boom and Bust System: Waterbird Refugia and Breeding in the Murray-Darling Basin. PLoS ONE, 2015, 10, e0132682.	1.1	23
742	Environmental Controls on River Assemblages at the Regional Scale: An Application of the Elements of Metacommunity Structure Framework. PLoS ONE, 2015, 10, e0135450.	1.1	33
743	Climate-Determined Suitability of the Water Saving Technology "Alternate Wetting and Drying" in Rice Systems: A Scalable Methodology demonstrated for a Province in the Philippines. PLoS ONE, 2015, 10, e0145268.	1.1	34
744	Agave as a model CAM crop system for a warming and drying world. Frontiers in Plant Science, 2015, 6, 684.	1.7	50
745	The Global Network of Isotopes in Rivers (GNIR): integration of water isotopes in watershed observation and riverine research. Hydrology and Earth System Sciences, 2015, 19, 3419-3431.	1.9	94
746	Assessing climate change risks and prioritising adaptation options using a water ecosystem services-based approach. , 0, , 17-25.		11
747	Future prospects in climate, energy and water research and policy. , 2015, , 324-336.		1
748	The first United Kingdom's National Ecosystem Assessment and beyond. , 0, , 73-81.		1
749	Spatial evapotranspiration, rainfall and land use data in water accounting " Part 2: Reliability of water accounting results for policy decisions in the Awash Basin. Hydrology and Earth System Sciences, 2015, 19, 533-550.	1.9	21
750	Water allocation in rivers under pressure: a large-scale collective action dilemma. , 2015, , .		0
751	Eutrophication modulates plant-litter diversity effects on litter decomposition in streams. Freshwater Science, 2015, 34, 31-41.	0.9	14
752	Water quality in New Zealand's planted forests: a review. New Zealand Journal of Forestry Science, 2015, 45, .	0.8	33
753	Impact of river runoff into the ocean on Indian summer monsoon. Environmental Research Letters, 2015, 10, 054008.	2.2	29
754	When trends intersect: The challenge of protecting freshwater ecosystems under multiple land use and hydrological intensification scenarios. Science of the Total Environment, 2015, 534, 65-78.	3.9	105
755	Taking High Conservation Value from Forests to Freshwaters. Environmental Management, 2015, 56, 1-10.	1.2	10
756	Exploring factors influencing farmers' willingness to pay (WTP) for a planned adaptation programme to address climatic issues in agricultural sectors. Environmental Science and Pollution Research, 2015, 22, 9494-9504.	2.7	30
757	Quantifying nitrogen transformation process rates using nitrogen functional genes in a multimedia biofilter under hydraulic loading rate constraints. Ecological Engineering, 2015, 82, 323-329.	1.6	18

#	ARTICLE	IF	CITATIONS
758	GLOBIO-Aquatic, a global model of human impact on the biodiversity of inland aquatic ecosystems. <i>Environmental Science and Policy</i> , 2015, 48, 99-114.	2.4	93
759	The Water We Eat. Springer Water, 2015, , .	0.2	11
760	Corporate water stewardship. <i>Journal of Environmental Studies and Sciences</i> , 2015, 5, 272-276.	0.9	8
761	Regime shifts, thresholds and multiple stable states in freshwater ecosystems; a critical appraisal of the evidence. <i>Science of the Total Environment</i> , 2015, 534, 122-130.	3.9	146
762	Multiscale Modeling and Evaluation of Urban Surface Energy Balance in the Phoenix Metropolitan Area. <i>Journal of Applied Meteorology and Climatology</i> , 2015, 54, 322-338.	0.6	17
763	Hydrological extremes and security. <i>Proceedings of the International Association of Hydrological Sciences</i> , 2015, 366, 44-53.	1.0	4
764	Biodiversity values of remnant freshwater floodplain lagoons in agricultural catchments: evidence for fish of the Wet Tropics bioregion, northern Australia. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2015, 25, 336-352.	0.9	32
765	The ecology of methane in streams and rivers: patterns, controls, and global significance. <i>Ecological Monographs</i> , 0, , .	2.4	24
766	Global impacts of energy demand on the freshwater resources of nations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6707-16.	3.3	98
767	The Danube River Basin. <i>Handbook of Environmental Chemistry</i> , 2015, , .	0.2	10
768	Climate Adaptation Informatics: Water Stress on Power Production. <i>Computing in Science and Engineering</i> , 2015, 17, 53-60.	1.2	11
769	Adaptation services of floodplains and wetlands under transformational climate change. , 0, , .		0
770	Short Overview on the Benthic Macroinvertebrate Fauna of the Danube River. <i>Handbook of Environmental Chemistry</i> , 2015, , 287-315.	0.2	5
771	Sustainability in the water-“energy”-food nexus. <i>Water International</i> , 2015, 40, 723-732.	0.4	116
772	Biome stability and long-term vegetation change in the semi-arid, south-eastern interior of South Africa: A synthesis of repeat photo-monitoring studies. <i>South African Journal of Botany</i> , 2015, 101, 139-147.	1.2	25
773	Assessing the importance of riparian zones conservation for leaf decomposition in streams. <i>Natureza A Conservacao</i> , 2015, 13, 178-182.	2.5	34
774	A disposable bacterial lysis cartridge (BLC) suitable for an in situ water-borne pathogen detection system. <i>Analyst</i> , The, 2015, 140, 7776-7783.	1.7	14
775	Contaminants of Emerging Concern in Mediterranean Watersheds. <i>Handbook of Environmental Chemistry</i> , 2015, , 27-45.	0.2	1

#	ARTICLE	IF	CITATIONS
776	Modeling global distribution of agricultural insecticides in surface waters. <i>Environmental Pollution</i> , 2015, 198, 54-60.	3.7	100
777	A global boom in hydropower dam construction. <i>Aquatic Sciences</i> , 2015, 77, 161-170.	0.6	1,512
778	Quantifying water requirements of riparian river red gum (<i>Eucalyptus camaldulensis</i>) in the Murray-Darling Basin, Australia implications for the management of environmental flows. <i>Ecohydrology</i> , 2015, 8, 1471-1487.	1.1	70
779	Transcriptional and physiological response of fathead minnows (<i>Pimephales promelas</i>) exposed to urban waters entering into wildlife protected areas. <i>Environmental Pollution</i> , 2015, 199, 155-165.	3.7	12
780	Soil mulching can mitigate soil water deficiency impacts on rainfed maize production in semiarid environments. <i>Journal of Integrative Agriculture</i> , 2015, 14, 58-66.	1.7	31
781	Multiple drivers of decline in the global status of freshwater crayfish (Decapoda: Astacidea). <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140060.	1.8	225
782	Psychological and social factors associated with wastewater reuse emotional discomfort. <i>Journal of Environmental Psychology</i> , 2015, 42, 16-23.	2.3	81
783	Assessing recreational fisheries in an emerging economy: Knowledge, perceptions and attitudes of catch-and-release anglers in India. <i>Fisheries Research</i> , 2015, 165, 79-84.	0.9	20
784	CO2 Sequestration, Biofuels and Depollution. <i>Environmental Chemistry for A Sustainable World</i> , 2015, , .	0.3	14
785	Development of a benthic diatom index of biotic integrity (BD-IBI) for ecosystem health assessment of human dominant subtropical rivers, China. <i>Journal of Environmental Management</i> , 2015, 151, 286-294.	3.8	47
786	Estimating farmers' willingness to pay for climate change adaptation: the case of the Malaysian agricultural sector. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 38.	1.3	16
787	The use of coarser data is an effective strategy for biological assessments. <i>Hydrobiologia</i> , 2015, 747, 83-95.	1.0	15
788	Integrating hydrological features and genetically validated occurrence data in occupancy modelling of an endemic and endangered semi-aquatic mammal, <i>Galemys pyrenaicus</i> , in a Pyrenean catchment. <i>Biological Conservation</i> , 2015, 184, 182-192.	1.9	19
789	Exploring the planetary boundary for chemical pollution. <i>Environment International</i> , 2015, 78, 8-15.	4.8	125
790	An improved method for integrated water security assessment in the Yellow River basin, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2015, 29, 2213-2227.	1.9	42
791	Improvement of Urban Lake Water Quality by Removal of <i>Escherichia coli</i> through the Action of the Bivalve <i>Anodonta californiensis</i> . <i>Environmental Science & Technology</i> , 2015, 49, 1664-1672.	4.6	30
792	Hydrothermal synthesis of TiO ₂ -WO ₃ -bentonite composites: Conventional versus ultrasonic pretreatments and their adsorption of methylene blue. <i>Applied Clay Science</i> , 2015, 105-106, 243-251.	2.6	31
793	Emergent stability in a large, free-flowing watershed. <i>Ecology</i> , 2015, 96, 340-347.	1.5	58

#	ARTICLE	IF	CITATIONS
794	Habitat size influences food web structure in drying streams. <i>Ecography</i> , 2015, 38, 700-712.	2.1	58
795	Development of a global inundation map at high spatial resolution from topographic downscaling of coarse-scale remote sensing data. <i>Remote Sensing of Environment</i> , 2015, 158, 348-361.	4.6	213
796	Nanotechnology in agro-food: From field to plate. <i>Food Research International</i> , 2015, 69, 381-400.	2.9	325
797	Enhancing capacitive deionization performance of electrospun activated carbon nanofibers by coupling with carbon nanotubes. <i>Journal of Colloid and Interface Science</i> , 2015, 446, 373-378.	5.0	72
798	Balanced Fatty Acid Intake Benefits and Mercury Exposure Risks: An Integrated Analysis of Chinese Commercial Freshwater Fish and Potential Guidelines for Consumption. <i>Human and Ecological Risk Assessment (HERA)</i> , 2015, 21, 882-899.	1.7	4
799	A General Approach to Predicting Ecological Responses to Environmental Flows: Making Best Use of the Literature, Expert Knowledge, and Monitoring Data. <i>River Research and Applications</i> , 2015, 31, 505-514.	0.7	43
800	Trend in observed and projected maximum and minimum temperature over N-W Himalayan basin. <i>Journal of Mountain Science</i> , 2015, 12, 417-433.	0.8	22
801	Water resources and their management in central Asia in the early twenty first century: status, challenges and future prospects. <i>Environmental Earth Sciences</i> , 2015, 73, 487-499.	1.3	148
802	Assessing the impacts of climate change and dams on floodplain inundation and wetland connectivity in the wet-dry tropics of northern Australia. <i>Journal of Hydrology</i> , 2015, 522, 80-94.	2.3	61
803	Why socio-political borders and boundaries matter in conservation. <i>Trends in Ecology and Evolution</i> , 2015, 30, 132-139.	4.2	117
804	Planetary boundaries: Guiding human development on a changing planet. <i>Science</i> , 2015, 347, 1259855.	6.0	7,124
805	Modeling water scarcity and droughts for policy adaptation to climate change in arid and semiarid regions. <i>Journal of Hydrology</i> , 2015, 522, 95-109.	2.3	160
806	Trace metal distributions in the sediments from river-reservoir systems: case of the Congo River and Lake Ma Vallée, Kinshasa (Democratic Republic of Congo). <i>Environmental Science and Pollution Research</i> , 2015, 22, 586-597.	2.7	38
807	An index-based framework for assessing patterns and trends in river fragmentation and flow regulation by global dams at multiple scales. <i>Environmental Research Letters</i> , 2015, 10, 015001.	2.2	439
808	Anomalous droughts, not invasion, decrease persistence of native fishes in a desert river. <i>Global Change Biology</i> , 2015, 21, 1482-1496.	4.2	49
809	Fragmentation and dewatering transform Great Plains stream fish communities. <i>Ecological Monographs</i> , 2015, 85, 73-92.	2.4	148
810	Challenges for a sustainable management of Ecuadorian water resources. <i>Sustainability of Water Quality and Ecology</i> , 2015, 6, 101-106.	2.0	14
811	Policies, Land Use, and Water Resource Management in an Arid Oasis Ecosystem. <i>Environmental Management</i> , 2015, 55, 1036-1051.	1.2	43

#	ARTICLE	IF	CITATIONS
812	The Changing Water Quality Characteristics from Urban Drinking Water Sources in Guangdong, China. <i>Water Resources Management</i> , 2015, 29, 987-1002.	1.9	17
813	Detrital phosphorus as a proxy of flooding events in the Changjiang River Basin. <i>Science of the Total Environment</i> , 2015, 517, 22-30.	3.9	26
814	Developing state and transition models of floodplain vegetation dynamics as a tool for conservation decision-making: a case study of the Macquarie Marshes Ramsar wetland. <i>Journal of Applied Ecology</i> , 2015, 52, 654-664.	1.9	46
815	Contaminated Irrigation Water and the Associated Public Health Risks. , 2015, , 349-381.		4
816	A database of global wetland validation samples for wetland mapping. <i>Science Bulletin</i> , 2015, 60, 428-434.	4.3	16
817	Stable isotope analysis reveals relative influences of seasonal hydrologic variation and impoundment on assimilation of primary production sources by fish in the Upper Yesilirmak River, Turkey. <i>Hydrobiologia</i> , 2015, 753, 131-147.	1.0	14
818	Differences in stream fish assemblages subjected to different levels of anthropogenic pressure in the Taizi River catchment, China. <i>Ichthyological Research</i> , 2015, 62, 450-462.	0.5	12
819	The Isotope Hydrology of a Large River System Regulated for Hydropower. <i>River Research and Applications</i> , 2015, 31, 335-349.	0.7	21
820	Facile fabrication of a mpg-C ₃ /N ₄ /TiO ₂ heterojunction photocatalyst with enhanced visible light photoactivity toward organic pollutant degradation. <i>RSC Advances</i> , 2015, 5, 64976-64982.	1.7	32
821	Safe Drinking Water? Effect of Wastewater Inputs and Source Water Impairment and Implications for Water Reuse. <i>Handbook of Environmental Chemistry</i> , 2015, , 155-182.	0.2	4
822	Freshwater ecosystem services supporting humans: Pivoting from water crisis to water solutions. <i>Global Environmental Change</i> , 2015, 34, 108-118.	3.6	153
823	Fresh water goes global. <i>Science</i> , 2015, 349, 478-479.	6.0	175
824	Profiling risk and sustainability in coastal deltas of the world. <i>Science</i> , 2015, 349, 638-643.	6.0	473
825	Impact of the changing area sown to winter wheat on crop water footprint in the North China Plain. <i>Ecological Indicators</i> , 2015, 57, 100-109.	2.6	41
826	Assessing temporal and spatial alterations of flow regimes in the regulated Huai River Basin, China. <i>Journal of Hydrology</i> , 2015, 529, 384-397.	2.3	31
827	State of the World's Amphibians. <i>Annual Review of Environment and Resources</i> , 2015, 40, 91-119.	5.6	124
828	Enhanced long-term ammonium removal and its ranked contribution of microbial genes associated with nitrogen cycling in a lab-scale multimedia biofilter. <i>Bioresource Technology</i> , 2015, 196, 57-64.	4.8	41
829	Many issues, limited responses: Coping with water insecurity in rural India. <i>Water Resources and Rural Development</i> , 2015, 5, 47-63.	1.1	28

#	ARTICLE	IF	CITATIONS
830	Evaluation of crop production, trade, and consumption from the perspective of water resources: A case study of the Hetao irrigation district, China, for 1960â€“2010. <i>Science of the Total Environment</i> , 2015, 505, 1174-1181.	3.9	39
831	Effects of fungicides on decomposer communities and litter decomposition in vineyard streams. <i>Science of the Total Environment</i> , 2015, 533, 40-48.	3.9	81
832	Re-evaluation of future water stress due to socio-economic and climate factors under a warming climate. <i>Hydrological Sciences Journal</i> , 2015, 60, 14-29.	1.2	35
833	Conflict Basins: Powderkegs to Peacepipes. <i>SAIS Review of International Affairs</i> , 2015, 35, 145-157.	0.2	2
834	Nanometric Graphene Oxide Framework Membranes with Enhanced Heavy Metal Removal via Nanofiltration. <i>Environmental Science & Technology</i> , 2015, 49, 10235-10242.	4.6	414
835	Anthropocene Baselines: Assessing Change and Managing Biodiversity in Human-Dominated Aquatic Ecosystems. <i>BioScience</i> , 2015, 65, 798-811.	2.2	109
836	Chinaâ€™s rising hydropower demand challenges water sector. <i>Scientific Reports</i> , 2015, 5, 11446.	1.6	72
837	Impair-then-Repair: A Brief History & Global-Scale Hypothesis Regarding Human-Water Interactions in the Anthropocene. <i>Daedalus</i> , 2015, 144, 94-109.	0.9	31
838	Water diversions facilitate spread of non-native species. <i>Biological Invasions</i> , 2015, 17, 3073-3080.	1.2	40
839	Towards threshold-based management of freshwater ecosystems in the context of climate change. <i>Ecological Modelling</i> , 2015, 318, 265-274.	1.2	35
840	Vulnerability assessments of coastal river deltas - categorization and review. <i>Journal of Coastal Conservation</i> , 2015, 19, 345-368.	0.7	44
841	Implications of water extraction on the low-flow hydrology and ecology of tropical savannah rivers: an appraisal for northern Australia. <i>Freshwater Science</i> , 2015, 34, 741-758.	0.9	52
842	Chronic effects of temperature and nitrate pollution on <i>Daphnia magna</i> : Is this cladoceran suitable for widespread use as a tertiary treatment?. <i>Water Research</i> , 2015, 83, 141-152.	5.3	26
843	Water stewardship and corporate sustainability: a case study of reputation management in the food and drinks industry. <i>Journal of Public Affairs</i> , 2015, 15, 116-126.	1.7	24
844	Agricultural insecticides threaten surface waters at the global scale. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5750-5755.	3.3	508
845	Environmental consequences of damming the mainstream Lancang-Mekong River: A review. <i>Earth-Science Reviews</i> , 2015, 146, 77-91.	4.0	192
846	Global occurrence of anti-infectives in contaminated surface waters: Impact of income inequality between countries. <i>Environment International</i> , 2015, 80, 89-97.	4.8	101
847	A new approach to assessing the water footprint of hydroelectric power based on allocation of water footprints among reservoir ecosystem services. <i>Physics and Chemistry of the Earth</i> , 2015, 79-82, 40-46.	1.2	44

#	ARTICLE	IF	CITATIONS
848	Hydrology: The interdisciplinary science of water. <i>Water Resources Research</i> , 2015, 51, 4409-4430.	1.7	145
849	Inter-county virtual water flows of the Hetao irrigation district, China: A new perspective for water scarcity. <i>Journal of Arid Environments</i> , 2015, 119, 31-40.	1.2	22
850	Reducing river regulation effects on riparian vegetation using flushing flow regimes. <i>Ecological Engineering</i> , 2015, 81, 428-438.	1.6	39
851	Freshwater diatoms as environmental indicators: evaluating the effects of eutrophication using species morphology and biological indices. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 243.	1.3	48
852	Estimating future energy use and CO2 emissions of the world's cities. <i>Environmental Pollution</i> , 2015, 203, 271-278.	3.7	87
853	Projecting hydropower production under future climates: a guide for decision-makers and modelers to interpret and design climate change impact assessments. <i>Wiley Interdisciplinary Reviews: Water</i> , 2015, 2, 271-289.	2.8	71
854	What are the impacts of bias correction on future drought projections?. <i>Journal of Hydrology</i> , 2015, 525, 472-485.	2.3	51
855	A Multidisciplinary Assessment of River Surface Water Quality in Areas Heavily Influenced by Human Activities. <i>Archives of Environmental Contamination and Toxicology</i> , 2015, 69, 208-222.	2.1	28
856	Application of Science-Based Restoration Planning to a Desert River System. <i>Environmental Management</i> , 2015, 55, 1246-1261.	1.2	11
857	Comparative conservation genetics of protected endemic fishes in an arid-land riverscape. <i>Conservation Genetics</i> , 2015, 16, 875-888.	0.8	10
858	“Ways of knowing” water: integrated water resources management and water security as complementary discourses. <i>International Environmental Agreements: Politics, Law and Economics</i> , 2015, 15, 257-272.	1.5	46
859	Adaptation strategies for agricultural water management under climate change in Europe. <i>Agricultural Water Management</i> , 2015, 155, 113-124.	2.4	359
860	Dendritic network structure and dispersal affect temporal dynamics of diversity and species persistence. <i>Oikos</i> , 2015, 124, 908-916.	1.2	67
861	Fish community dynamics following dam removal in a fragmented agricultural stream. <i>Aquatic Sciences</i> , 2015, 77, 465-480.	0.6	43
862	Ecological Network Analysis for a Virtual Water Network. <i>Environmental Science & Technology</i> , 2015, 49, 6722-6730.	4.6	123
863	Exploration and assessment of optimal policy combination for total water pollution control with a dynamic simulation model. <i>Journal of Cleaner Production</i> , 2015, 102, 342-352.	4.6	33
864	Selenium in Agriculture: Water, Air, Soil, Plants, Food, Animals and Nanoselenium. <i>Environmental Chemistry for A Sustainable World</i> , 2015, , 153-232.	0.3	30
865	Amino-functionalized magnetic magnesium silicate double-shelled hollow microspheres for enhanced removal of lead ions. <i>RSC Advances</i> , 2015, 5, 22973-22979.	1.7	21

#	ARTICLE	IF	CITATIONS
866	Emission factor estimation of ca. 160 emerging organic microcontaminants by inverse modeling in a Mediterranean river basin (Llobregat, NE Spain). <i>Science of the Total Environment</i> , 2015, 520, 241-252.	3.9	31
867	Challenges and prospects for interpreting long-term phytoplankton diversity changes in Lake Zurich (Switzerland). <i>Freshwater Biology</i> , 2015, 60, 1052-1059.	1.2	20
868	Responses of primary production, leaf litter decomposition and associated communities to stream eutrophication. <i>Environmental Pollution</i> , 2015, 202, 32-40.	3.7	52
869	Toxicity studies using mammalian cells and impedance spectroscopy method. <i>Sensing and Bio-Sensing Research</i> , 2015, 3, 112-121.	2.2	19
870	Climate change and pollution speed declines in zebrafish populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E1237-46.	3.3	79
871	Quantifying the effects of geographical and environmental factors on distribution of stream bacterioplankton within nature reserves of Fujian, China. <i>Environmental Science and Pollution Research</i> , 2015, 22, 11010-11021.	2.7	20
872	Bidirectional connectivity in rivers and implications for watershed stability and management. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2015, 72, 785-795.	0.7	18
873	2014 FIFA Dünya Kupası'nın Başarıları ve Takımlarında Pas Başarıları ve Topa Sahip Olma. <i>International Journal of Science Culture and Sport</i> , 2015, 3, 86-86.	0.1	15
874	Strategies Towards the New Sustainability Paradigm. , 2015, , .		6
875	The Water Footprint of California's Energy System, 1990-2012. <i>Environmental Science & Technology</i> , 2015, 49, 3314-3321.	4.6	48
876	The cold-water climate shield: delineating refugia for preserving salmonid fishes through the 21st century. <i>Global Change Biology</i> , 2015, 21, 2540-2553.	4.2	234
877	Inundation requirements for persistence and recovery of river red gums (<i>Eucalyptus camaldulensis</i>) in semi-arid Australia. <i>Biological Conservation</i> , 2015, 184, 346-356.	1.9	38
878	Environmental flows: a scientific resource and policy framework for river conservation and restoration. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2015, 25, 155-161.	0.9	23
879	Water Governance in the Face of Global Change. <i>Water Governance - Concepts, Methods, and Practice</i> , 2015, , .	0.1	154
880	Hot spots for carbon emissions from Mediterranean fluvial networks during summer drought. <i>Biogeochemistry</i> , 2015, 125, 409-426.	1.7	58
881	Zooplankton community structure during a transition from dry to wet state in a shallow, subtropical estuarine lake. <i>Continental Shelf Research</i> , 2015, 111, 294-303.	0.9	11
882	Effects of fire on the hydrology, biogeochemistry, and ecology of peatland river systems. <i>Freshwater Science</i> , 2015, 34, 1406-1425.	0.9	45
883	Long-term ecological trends of flow-dependent ecosystems in a major regulated river basin. <i>Marine and Freshwater Research</i> , 2015, 66, 957.	0.7	43

#	ARTICLE	IF	CITATIONS
884	Bundles of stream restoration measures and their effects on fish communities. <i>Limnologica</i> , 2015, 55, 1-8.	0.7	10
885	Regional extinction, rediscovery and rescue of a freshwater fish from a highly modified environment: The need for rapid response. <i>Biological Conservation</i> , 2015, 192, 91-100.	1.9	13
886	Human interference in the water discharge of the Changjiang (Yangtze River), China. <i>Hydrological Sciences Journal</i> , 2015, 60, 1770-1782.	1.2	29
887	Long-term growth increment chronologies reveal diverse influences of climate forcing on freshwater and forest biota in the Pacific Northwest. <i>Global Change Biology</i> , 2015, 21, 594-604.	4.2	15
888	Optimizing water depth for wetland-dependent wildlife could increase wetland restoration success, water efficiency, and water security. <i>Restoration Ecology</i> , 2015, 23, 292-300.	1.4	8
889	Pollutants of Emerging Concern in Rivers of Catalonia: Occurrence, Fate, and Risk. <i>Handbook of Environmental Chemistry</i> , 2015, , 283-320.	0.2	4
890	Anthropological Engagement with the Anthropocene: A Critical Review. <i>Environment and Society: Advances in Research</i> , 2015, 6, .	0.4	17
891	Global hydrology 2015: State, trends, and directions. <i>Water Resources Research</i> , 2015, 51, 4923-4947.	1.7	267
893	Biodiversity, Ecosystem Functioning, and Services in Fresh Waters: Ecological and Evolutionary Implications of Climate Change. , 2015, , 127-155.		6
894	Ecohydrological modeling in agroecosystems: Examples and challenges. <i>Water Resources Research</i> , 2015, 51, 5081-5099.	1.7	41
895	Measuring benefits of protected area management: trends across realms and research gaps for freshwater systems. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140274.	1.8	58
896	Nutrient loads of small-scale swine manure composting to groundwater and its prevention by covering: a case study. <i>Environmental Science and Pollution Research</i> , 2015, 22, 15646-15655.	2.7	1
897	An ecological network is as good as a major protected area for conserving dragonflies. <i>Biological Conservation</i> , 2015, 191, 537-545.	1.9	28
898	Review on environmental alterations propagating from aquatic to terrestrial ecosystems. <i>Science of the Total Environment</i> , 2015, 538, 246-261.	3.9	88
899	Pesticide impact on aquatic invertebrates identified with Chemcatcher® passive samplers and the SPEARpesticides index. <i>Science of the Total Environment</i> , 2015, 537, 69-80.	3.9	51
900	Hydrological Stream Flow Modelling for Calibration and Uncertainty Analysis Using SWAT Model in the Xedone River Basin, Lao PDR. <i>Procedia Environmental Sciences</i> , 2015, 28, 380-390.	1.3	81
902	Geochemistry and magnetic measurements of suspended sediment in urban sewage water vis-à-vis quantification of heavy metal pollution in Ganga and Yamuna Rivers, India. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 604.	1.3	24
903	Problematizing Water Vulnerability Indices at a Local Level: a Critical Review and Proposed Solution. <i>Water Resources Management</i> , 2015, 29, 5015-5035.	1.9	10

#	ARTICLE	IF	CITATIONS
904	Local extinctions and range contraction of the endangered <i>Coenagrion mercuriale</i> in North Africa. <i>International Journal of Odonatology</i> , 2015, 18, 137-152.	0.5	9
905	LCA for open systems: a review of the influence of natural and anthropogenic factors on aquaculture systems. <i>International Journal of Life Cycle Assessment</i> , 2015, 20, 1324-1337.	2.2	15
906	Historical Species Distribution Models Predict Species Limits in Western <i>Plethodon</i> Salamanders. <i>Systematic Biology</i> , 2015, 64, 909-925.	2.7	31
907	Phylogenetic signal in amphibian sensitivity to copper sulfate relative to experimental temperature. <i>Ecological Applications</i> , 2015, 25, 596-602.	1.8	22
908	Environmental consequences of adaptation to climate change in Swiss agriculture: An analysis at farm level. <i>Agricultural Systems</i> , 2015, 132, 40-51.	3.2	30
909	Divergent Perspectives on Water Security: Bridging the Policy Debate. <i>Professional Geographer</i> , 2015, 67, 62-71.	1.0	28
910	Conserving freshwater biodiversity: The value, status and management of high quality ditch systems. <i>Journal for Nature Conservation</i> , 2015, 24, 93-100.	0.8	35
911	Environmental flow provision: Implications for agricultural water and land-use at the global scale. <i>Global Environmental Change</i> , 2015, 30, 113-132.	3.6	47
912	Effectiveness of a large reserve network in protecting freshwater biodiversity: a test for the Iberian Peninsula. <i>Freshwater Biology</i> , 2015, 60, 698-710.	1.2	59
913	An ecosystem service approach to understand conflicts on river flows: local views on the Ter River (Catalonia). <i>Sustainability Science</i> , 2015, 10, 463-477.	2.5	21
914	Assessing nitrogen transformation processes in a trickling filter under hydraulic loading rate constraints using nitrogen functional gene abundances. <i>Bioresource Technology</i> , 2015, 177, 217-223.	4.8	55
915	Stormwater ponds can contain comparable biodiversity to unmanaged wetlands in urban areas. <i>Hydrobiologia</i> , 2015, 745, 137-149.	1.0	99
916	Characteristics, distribution and ecological risk assessment of phosphorus in surface sediments from different ecosystems in Eastern China: A ³¹ P-nuclear magnetic resonance study. <i>Ecological Engineering</i> , 2015, 75, 264-271.	1.6	14
917	Facile synthesis of Ag ₂ O/N-doped helical carbon nanotubes with enhanced visible-light photocatalytic activity. <i>RSC Advances</i> , 2015, 5, 3122-3129.	1.7	13
918	Irrigation infrastructure and water appropriation rules for food security. <i>Journal of Hydrology</i> , 2015, 520, 85-100.	2.3	29
919	A critical analysis of regulated river ecosystem responses to managed environmental flows from reservoirs. <i>Freshwater Biology</i> , 2015, 60, 410-425.	1.2	94
920	The Anthropocene concept in ecology and conservation. <i>Trends in Ecology and Evolution</i> , 2015, 30, 36-41.	4.2	266
921	Relationships between invertebrate communities and both hydrological regime and other environmental factors across New Zealand's rivers. <i>Ecohydrology</i> , 2015, 8, 13-32.	1.1	41

#	ARTICLE	IF	CITATIONS
922	Using watershed-scale hydrological models to predict the impacts of increasing urbanization on freshwater fish assemblages. <i>Ecohydrology</i> , 2015, 8, 273-285.	1.1	21
923	Evidence of morphological differences between <i>Astyanax bimaculatus</i> (Actinopterygii: Characidae) from reaches above and below dams on a tropical river. <i>Environmental Biology of Fishes</i> , 2015, 98, 183-191.	0.4	20
924	The Sava River. <i>Handbook of Environmental Chemistry</i> , 2015, , .	0.2	10
925	Ecological strategies predict associations between aquatic and genetic connectivity for dryland amphibians. <i>Ecology</i> , 2015, 96, 1371-1382.	1.5	36
926	Assessment of global aridity change. <i>Journal of Hydrology</i> , 2015, 520, 300-313.	2.3	71
927	Haematological and genotoxic responses in an urban adapter, the banana bat, foraging at wastewater treatment works. <i>Ecotoxicology and Environmental Safety</i> , 2015, 114, 304-311.	2.9	33
928	How stressor specific are trait-based ecological indices for ecosystem management?. <i>Science of the Total Environment</i> , 2015, 505, 565-572.	3.9	23
929	Cross-boundary collaboration: key to the conservation puzzle. <i>Current Opinion in Environmental Sustainability</i> , 2015, 12, 12-24.	3.1	137
930	No evidence for leaf-trait dissimilarity effects on litter decomposition, fungal decomposers, and nutrient dynamics. <i>Ecology</i> , 2015, 96, 550-561.	1.5	56
931	Use of Stable Isotopes to Trace Municipal Wastewater Effluents into Food Webs within a Highly Developed River System. <i>River Research and Applications</i> , 2015, 31, 1093-1100.	0.7	45
932	Conceptual Modelling to Assess Hydrological Impacts and Evaluate Environmental Flow Scenarios in Montane River Systems Regulated for Hydropower. <i>River Research and Applications</i> , 2015, 31, 1066-1081.	0.7	18
933	Water resources: the prerequisite for ecological restoration of rivers in the Hai River Basin, northern China. <i>Environmental Science and Pollution Research</i> , 2015, 22, 1359-1365.	2.7	12
934	Improving the determination of reservoir capacities for drought control. <i>Stochastic Environmental Research and Risk Assessment</i> , 2015, 29, 183-191.	1.9	6
935	Prussian blue/TiO ₂ nanocomposites as a heterogeneous photo-Fenton catalyst for degradation of organic pollutants in water. <i>Catalysis Science and Technology</i> , 2015, 5, 504-514.	2.1	79
937	Managing the effects of multiple stressors on aquatic ecosystems under water scarcity. The GLOBAQUA project. <i>Science of the Total Environment</i> , 2015, 503-504, 3-9.	3.9	161
938	From organic pollutants to bioplastics: insights into the bioremediation of aromatic compounds by <i>Cupriavidus necator</i> . <i>New Biotechnology</i> , 2015, 32, 47-53.	2.4	40
939	The impacts of an invasive herbivore (<i>Camelus dromedaries</i>) on arid zone freshwater pools: An experimental investigation of the effects of dung on macroinvertebrate colonisation. <i>Journal of Arid Environments</i> , 2015, 113, 69-76.	1.2	21
940	Risk assessment based prioritization of 200 organic micropollutants in 4 Iberian rivers. <i>Science of the Total Environment</i> , 2015, 503-504, 289-299.	3.9	131

#	ARTICLE	IF	CITATIONS
941	Normative Issues in Global Environmental Governance: Connecting Climate Change, Water and Forests. <i>Journal of Agricultural and Environmental Ethics</i> , 2015, 28, 413-433.	0.9	34
942	Adapting to climate change: assessing the vulnerability of ecosystem services in Europe in the context of rural development. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2015, 20, 547-572.	1.0	16
943	Floodplain evaluation matrix (FEM): An interdisciplinary method for evaluating river floodplains in the context of integrated flood risk management. <i>Natural Hazards</i> , 2015, 75, 5-32.	1.6	27
944	Clean Water from Clean Energy: Decentralised Drinking Water Production Using Wind Energy Powered Electrodialysis. , 0, , .		1
945	Spatial Distribution of Benthic Macroinvertebrate Assemblages in Relation to Environmental Variables in Korean Nationwide Streams. <i>Water (Switzerland)</i> , 2016, 8, 27.	1.2	41
946	Invasive Alien Fish Species in Freshwater of the Continents. <i>Journal of Environmental Science and Natural Resources</i> , 2016, 8, 63-74.	0.1	5
947	Sustainability of water uses in managed hydrosystems: human- and climate-induced changes for the mid-21st century. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 3129-3147.	1.9	12
948	Assessment of disturbance at three spatial scales in two large tropical reservoirs. <i>Journal of Limnology</i> , 2016, 76, 240-252.	0.3	9
949	Thinking beyond the Bioreactor Box: Incorporating Stream Ecology into Edge-of-Field Nitrate Management. <i>Journal of Environmental Quality</i> , 2016, 45, 866-872.	1.0	9
950	Land use effects and stream metabolic rates: a review of ecosystem response. <i>Acta Limnologica Brasiliensia</i> , 2016, 28, .	0.4	4
951	A century-scale, human-induced ecohydrological evolution of wetlands of two large river basins in Australia (Murray) and China (Yangtze). <i>Hydrology and Earth System Sciences</i> , 2016, 20, 2151-2168.	1.9	32
952	Landscape and Regional Stream Ecology. , 2016, , 389-415.		1
953	Human-Dominated Rivers and River Management in the Anthropocene. , 2016, , 491-524.		2
954	Hydrometeorology and Hydroclimate. <i>Advances in Meteorology</i> , 2016, 2016, 1-4.	0.6	7
955	Variations of the Physicochemical Parameters and Metal Levels and Their Risk Assessment in Urbanized Bagmati River, Kathmandu, Nepal. <i>Journal of Chemistry</i> , 2016, 2016, 1-13.	0.9	24
956	Unravelling the Impacts of Micropollutants in Aquatic Ecosystems. <i>Advances in Ecological Research</i> , 2016, 55, 183-223.	1.4	81
957	Pathogen and Particle Associations in Wastewater. <i>Advances in Applied Microbiology</i> , 2016, 97, 63-119.	1.3	109
958	Impact of Fertilizer N Application on the Grey Water Footprint of Winter Wheat in a NW-European Temperate Climate. <i>Water (Switzerland)</i> , 2016, 8, 356.	1.2	15

#	ARTICLE	IF	CITATIONS
959	Drought in a human-modified world: reframing drought definitions, understanding, and analysis approaches. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 3631-3650.	1.9	289
960	Heavy Metals Assessment in Water, Sediments and Some Organs of <i>Oreochromis niloticus</i> under the Impact of Sewage Water. <i>Journal of Heavy Metal Toxicity and Diseases</i> , 2016, 1, .	1.4	4
961	Water: Drought, Crisis and Governance in Australia and Brazil. <i>Water (Switzerland)</i> , 2016, 8, 493.	1.2	26
962	A review of current and possible future human water dynamics in Myanmar's river basins. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 4913-4928.	1.9	42
963	Water Resources Compound Systems: A Macro Approach to Analysing Water Resource Issues under Changing Situations. <i>Water (Switzerland)</i> , 2016, 8, 2.	1.2	21
964	Food, Fracking, and Freshwater: The Potential for Markets and Cross-Sectoral Investments to Enable Water Conservation. <i>Water (Switzerland)</i> , 2016, 8, 45.	1.2	6
965	Modeling the Hydropower Food Nexus in Large River Basins: A Mekong Case Study. <i>Water (Switzerland)</i> , 2016, 8, 425.	1.2	37
966	Litter Decomposition as an Indicator of Stream Ecosystem Functioning at Local-to-Continental Scales. <i>Advances in Ecological Research</i> , 2016, 55, 99-182.	1.4	60
967	Modeling global water use for the 21st century: the Water Futures and Solutions (WFaS) initiative and its approaches. <i>Geoscientific Model Development</i> , 2016, 9, 175-222.	1.3	379
968	Grand Challenge for the Future of Freshwater Ecosystems. <i>Frontiers in Environmental Science</i> , 2016, 4, .	1.5	56
969	Achieving Sustainable Development Goals from a Water Perspective. <i>Frontiers in Environmental Science</i> , 2016, 4, .	1.5	142
970	Sparing Land for Biodiversity at Multiple Spatial Scales. <i>Frontiers in Ecology and Evolution</i> , 2016, 3, .	1.1	119
971	The Influence of Environmental Constraints on the Water Value. <i>Energies</i> , 2016, 9, 446.	1.6	8
972	A Global Index for Mapping the Exposure of Water Resources to Wildfire. <i>Forests</i> , 2016, 7, 22.	0.9	29
973	Spatial-Temporal Variations of Water Quality and Its Relationship to Land Use and Land Cover in Beijing, China. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 449.	1.2	44
974	Cryptic diversity and population structure at small scales: the freshwater snail <i>Ancylus</i> (Planorbidae, Pulmonata) in the Montseny mountain range. <i>Annales De Limnologie</i> , 2016, 52, 387-399.	0.6	13
975	How sensitive are invertebrates to riparian-zone replanting in stream ecosystems?. <i>Marine and Freshwater Research</i> , 2016, 67, 1500.	0.7	18
976	Environmental science applications with Rapid Integrated Mapping and analysis System (RIMS). <i>IOP Conference Series: Earth and Environmental Science</i> , 2016, 48, 012034.	0.2	6

#	ARTICLE	IF	CITATIONS
977	Community Knowledge about Water: Who Has Better Knowledge and Is This Associated with Water-Related Behaviors and Support for Water-Related Policies?. PLoS ONE, 2016, 11, e0159063.	1.1	70
978	Uncertainty of Monetary Valued Ecosystem Services " Value Transfer Functions for Global Mapping. PLoS ONE, 2016, 11, e0148524.	1.1	61
979	Can Recent Global Changes Explain the Dramatic Range Contraction of an Endangered Semi-Aquatic Mammal Species in the French Pyrenees?. PLoS ONE, 2016, 11, e0159941.	1.1	20
980	Impacts of Dams and Global Warming on Fish Biodiversity in the Indo-Burma Hotspot. PLoS ONE, 2016, 11, e0160151.	1.1	48
981	Micro and Macroscale Drivers of Nutrient Concentrations in Urban Streams in South, Central and North America. PLoS ONE, 2016, 11, e0162684.	1.1	35
982	Integrating High Resolution Water Footprint and GIS for Promoting Water Efficiency in the Agricultural Sector: A Case Study of Plantation Crops in the Jordan Valley. Frontiers in Plant Science, 2016, 7, 1877.	1.7	8
983	Effective River Restoration in the 21st Century. Advances in Ecological Research, 2016, 55, 535-611.	1.4	58
984	Water security in South Africa: perceptions on public expectations and municipal obligations, governance and water re-use. Water S A, 2016, 42, 456.	0.2	25
985	Optimal Allocation of Water Resources Based on Water Supply Security. Water (Switzerland), 2016, 8, 237.	1.2	11
986	Human Impacts on Stream Hydrology and Water Quality. , 2016, , 441-490.		3
988	Elevated soil nitrogen pools after conversion of turfgrass to water-efficient residential landscapes. Environmental Research Letters, 2016, 11, 084007.	2.2	2
989	Thinking globally, acting locally " conservation lessons from Oceania. Pacific Conservation Biology, 2016, 22, 85.	0.5	4
990	Seasonal spatial dynamics of floodplain macrophyte and periphyton abundance in the Alligator Rivers region (Kakadu) of northern Australia. Ecohydrology, 2016, 9, 1675-1686.	1.1	18
991	A spatially explicit assessment of the fish population response to flow management in a heterogeneous landscape. Ecosphere, 2016, 7, e01252.	1.0	7
992	Vegetation resilience to mega-drought along a typical floodplain gradient of the southern Murray-Darling Basin, Australia. Journal of Vegetation Science, 2016, 27, 926-937.	1.1	30
993	Water stewardship and North America's food and beverage companies: a case study in corporate sustainability. International Journal of Corporate Strategy and Social Responsibility, 2016, 1, 26.	0.5	1
994	Freshwater mollusc assemblages and habitat associations in the Danube River drainage, Hungary. Aquatic Conservation: Marine and Freshwater Ecosystems, 2016, 26, 319-332.	0.9	23
995	Multiple stressor effects on stream invertebrates: a mesocosm experiment manipulating nutrients, fine sediment and flow velocity. Freshwater Biology, 2016, 61, 362-375.	1.2	90

#	ARTICLE	IF	CITATIONS
996	Phosphorus characteristics, distribution, and relationship with environmental factors in surface sediments of river systems in Eastern China. <i>Environmental Science and Pollution Research</i> , 2016, 23, 19440-19449.	2.7	13
997	Sustainability and Development. <i>Annual Review of Resource Economics</i> , 2016, 8, 261-280.	1.5	48
998	Mapping potential freshwater services, and their representation within Protected Areas (PAs), under conditions of sparse data. Pilot implementation for Cambodia. <i>Global Ecology and Conservation</i> , 2016, 7, 107-121.	1.0	6
999	Adaptation services of floodplains and wetlands under transformational climate change. <i>Ecological Applications</i> , 2016, 26, 1003-1017.	1.8	42
1000	The ecology of methane in streams and rivers: patterns, controls, and global significance. <i>Ecological Monographs</i> , 2016, 86, 146-171.	2.4	360
1001	Lack of functional redundancy in the relationship between microbial diversity and ecosystem functioning. <i>Journal of Ecology</i> , 2016, 104, 936-946.	1.9	185
1002	Context dependency in biodiversity patterns of central German stream metacommunities. <i>Freshwater Biology</i> , 2016, 61, 607-620.	1.2	92
1003	Integrating biodiversity conservation and water development: in search of long-term solutions. <i>Wiley Interdisciplinary Reviews: Water</i> , 2016, 3, 301-311.	2.8	7
1004	Recent progresses in incorporating human land-water management into global land surface models toward their integration into Earth system models. <i>Wiley Interdisciplinary Reviews: Water</i> , 2016, 3, 548-574.	2.8	110
1005	Disturbance history influences stressor impacts: effects of a fungicide and nutrients on microbial diversity and litter decomposition. <i>Freshwater Biology</i> , 2016, 61, 2171-2184.	1.2	32
1006	Migratory behaviour shapes spatial genetic structure of cyprinid fishes within the Lake Malawi catchment. <i>Freshwater Biology</i> , 2016, 61, 1062-1074.	1.2	5
1007	Urban Sprawl Patterns and Processes in Delhi from 1977 to 2014 Based on Remote Sensing and Spatial Metrics Approaches. <i>Earth Interactions</i> , 2016, 20, 1-29.	0.7	38
1008	Age-0 Channel Catfish <i>Ictalurus Punctatus</i> Growth Related to Environmental Conditions in the Channelized Missouri River, Nebraska. <i>River Research and Applications</i> , 2016, 32, 744-752.	0.7	6
1009	Development and implementation of a spatial unit non-overlapping water stress index for water scarcity evaluation with a moderate spatial resolution. <i>Ecological Indicators</i> , 2016, 69, 422-433.	2.6	14
1010	Estimating species richness using environmental α -DNA. <i>Ecology and Evolution</i> , 2016, 6, 4214-4226.	0.8	169
1011	Water resources sustainability in a globalizing world: who uses the water?. <i>Hydrological Processes</i> , 2016, 30, 3330-3336.	1.1	57
1012	High-resolution modeling of human and climate impacts on global water resources. <i>Journal of Advances in Modeling Earth Systems</i> , 2016, 8, 735-763.	1.3	132
1013	Trans-Amazonian natal homing in giant catfish. <i>Journal of Applied Ecology</i> , 2016, 53, 1511-1520.	1.9	67

#	ARTICLE	IF	CITATIONS
1014	What does Lifeâ€Cycle Assessment of agricultural products need for more meaningful inclusion of biodiversity?. <i>Journal of Applied Ecology</i> , 2016, 53, 1422-1429.	1.9	39
1015	Drought survival is a threshold function of habitat sizeÂand population density in a fish metapopulation. <i>Global Change Biology</i> , 2016, 22, 3341-3348.	4.2	31
1016	Prioritizing ecological restoration among sites in multiâ€stressor landscapes. <i>Ecological Applications</i> , 2016, 26, 1785-1796.	1.8	25
1017	Water security: a popular but contested concept. , 2016, , .		10
1019	Status of metal pollution in rivers flowing through urban settlements at Pune and its effect on resident microflora. <i>Biologia (Poland)</i> , 2016, 71, 494-507.	0.8	5
1020	Measuring global water security towards sustainable development goals. <i>Environmental Research Letters</i> , 2016, 11, 124015.	2.2	153
1021	Civil-GIS incorporated approach for water resource management in a developed catchment for urban-geomorphic sustainability: Tallowa Dam, southeastern Australia. <i>International Soil and Water Conservation Research</i> , 2016, 4, 304-313.	3.0	14
1022	Predicting global invasion risks: a management tool to prevent future introductions. <i>Scientific Reports</i> , 2016, 6, 26316.	1.6	42
1023	Natural solutions for water management of the future: freshwater protected areas at the 6th World Parks Congress. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2016, 26, 121-132.	0.9	24
1024	FishMORPH - An agent-based model to predict salmonid growth and distribution responses under natural and low flows. <i>Scientific Reports</i> , 2016, 6, 29414.	1.6	7
1025	Statistical analysis of macroinvertebrate assemblage structure in relation to river-health assessment of an urban river, Eastern Cape, South Africa. <i>Aquatic Ecosystem Health and Management</i> , 2016, 19, 420-430.	0.3	6
1026	A comprehensive method for amplicon-based and metagenomic characterization of viruses, bacteria, and eukaryotes in freshwater samples. <i>Microbiome</i> , 2016, 4, 20.	4.9	86
1027	Sustainable Application of a Novel Water Cycle Using Seawater for Toilet Flushing. <i>Engineering</i> , 2016, 2, 460-469.	3.2	27
1028	Overview of Environmental Hazards and Health Effects of Pollution in Developing Countries: A Case Study of Nigeria. <i>Environmental Quality Management</i> , 2016, 26, 51-71.	1.0	39
1029	Determinants of community structure of zooplankton in heavily polluted river ecosystems. <i>Scientific Reports</i> , 2016, 6, 22043.	1.6	65
1030	Water security: critical analysis of emerging trends and definitions. , 2016, , .		8
1031	The ecology of water security. , 2016, , .		5
1032	Water security and environmental water needs: the role of the ecosystem services concept and transformation of governance systems. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
1033	Pike Esox Lucius Distribution and Feeding Comparisons in Natural and Historically Channelized River Sections. <i>Environmental and Climate Technologies</i> , 2016, 18, 33-41.	0.5	2
1034	Identifying regions vulnerable to habitat degradation under future irrigation scenarios. <i>Environmental Research Letters</i> , 2016, 11, 114025.	2.2	9
1035	Guiding phosphorus stewardship for multiple ecosystem services. <i>Ecosystem Health and Sustainability</i> , 2016, 2, .	1.5	30
1036	Global terrestrial Human Footprint maps for 1993 and 2009. <i>Scientific Data</i> , 2016, 3, 160067.	2.4	490
1037	The world's road to water scarcity: shortage and stress in the 20th century and pathways towards sustainability. <i>Scientific Reports</i> , 2016, 6, 38495.	1.6	542
1038	Environmental DNA reveals that rivers are conveyor belts of biodiversity information. <i>Nature Communications</i> , 2016, 7, 12544.	5.8	415
1039	Kinds of freshwater and their relation to ecosystem services and human well-being. <i>Water Policy</i> , 2016, 18, 1229-1246.	0.7	14
1040	Towards joint consideration of adaptive capacity and water security: lessons from the arid Americas. <i>Current Opinion in Environmental Sustainability</i> , 2016, 21, 22-28.	3.1	8
1041	Developing the greatest Blue Economy: Water productivity, fresh water depletion, and virtual water trade in the Great Lakes basin. <i>Earth's Future</i> , 2016, 4, 282-297.	2.4	26
1042	High-resolution mapping of global surface water and its long-term changes. <i>Nature</i> , 2016, 540, 418-422.	13.7	2,847
1043	Deforestation-driven food-web collapse linked to emerging tropical infectious disease, <i>Mycobacterium ulcerans</i> . <i>Science Advances</i> , 2016, 2, e1600387.	4.7	45
1044	Two decades of ecohydraulics: trends of an emerging interdisciplinary. <i>Journal of Ecohydraulics</i> , 2016, 1, 16-30.	1.6	9
1045	Snow cover mapping using IRS-P6 AWiFS data and the relationships between some climatic factors with snowpack in the northwest of Iran. <i>Journal of Water and Climate Change</i> , 2016, 7, 415-429.	1.2	1
1046	Conservation Science Statement. The demise of New Zealand's freshwater flora and fauna: a forgotten treasure. <i>Pacific Conservation Biology</i> , 2016, 22, 110.	0.5	15
1047	Lost fishes, who is counting? The extent of the threat to freshwater fish biodiversity. , 2015, , 1-36.		66
1048	Challenges and opportunities for fish conservation in dam-impacted waters. , 2015, , 107-148.		44
1049	Multiple stressor effects on freshwater fish: a review and meta-analysis. , 2015, , 178-214.		14
1050	Conservation of migratory fishes in freshwater ecosystems. , 2015, , 324-360.		30

#	ARTICLE	IF	CITATIONS
1051	Freshwater conservation planning. , 2015, , 437-466.		4
1052	Maintaining taxonomic skills; the decline of taxonomy â€œ a threat to fish conservation. , 2015, , 535-562.		3
1053	Synthesis â€œ what is the future of freshwater fishes?. , 2015, , 563-572.		1
1055	Global modelling of surface water quality: a multi-pollutant approach. Current Opinion in Environmental Sustainability, 2016, 23, 35-45.	3.1	50
1056	Unpacking viewpoints on water security: lessons from the South Saskatchewan River Basin. Water Policy, 2016, 18, 50-72.	0.7	20
1057	Are harmful algal blooms becoming the greatest inland water quality threat to public health and aquatic ecosystems?. Environmental Toxicology and Chemistry, 2016, 35, 6-13.	2.2	380
1058	Hybrid Nested Particle Swarm Optimization for a Waste Load Allocation Problem in River System. Journal of Water Resources Planning and Management - ASCE, 2016, 142, .	1.3	7
1059	Exploring Local Responses to a Wicked Problem: Context, Collective Action, and Outcomes in Catchments in Subtropical Australia. Society and Natural Resources, 2016, 29, 1198-1213.	0.9	7
1060	Conservation Genetics of an Urban Desert Fish, the Arroyo Chub. Transactions of the American Fisheries Society, 2016, 145, 277-286.	0.6	8
1061	Emerging Contaminants in River Ecosystems. Handbook of Environmental Chemistry, 2016, , .	0.2	9
1062	Threat analysis for a network of sites in West Bank (Palestine): An expert-based evaluation supported by grey literature and local knowledge. Journal for Nature Conservation, 2016, 31, 61-70.	0.8	11
1063	A long-term assessment of pesticide mixture effects on aquatic invertebrate communities. Environmental Toxicology and Chemistry, 2016, 35, 218-232.	2.2	38
1064	Functional trait composition of aquatic plants can serve to disentangle multiple interacting stressors in lowland streams. Science of the Total Environment, 2016, 543, 230-238.	3.9	51
1065	Modelling the impacts of agricultural management practices on river water quality in Eastern England. Journal of Environmental Management, 2016, 180, 147-163.	3.8	69
1066	Layer-by-layer construction of graphene oxide (GO) framework composite membranes for highly efficient heavy metal removal. Journal of Membrane Science, 2016, 515, 230-237.	4.1	233
1067	Coupling systematic planning and expert judgement enhances the efficiency of river restoration. Science of the Total Environment, 2016, 560-561, 266-273.	3.9	20
1068	Resource depletion affects the structure of an experimental benthic food web. Limnologica, 2016, 59, 99-108.	0.7	5
1069	Advancing Environmental Flow Science: Developing Frameworks for Altered Landscapes and Integrating Efforts Across Disciplines. Environmental Management, 2016, 58, 175-192.	1.2	19

#	ARTICLE	IF	CITATIONS
1070	Palaeoecology to inform wetland conservation and management: some experiences and prospects. <i>Marine and Freshwater Research</i> , 2016, 67, 695.	0.7	10
1071	A global empirical typology of anthropogenic drivers of environmental change in deltas. <i>Sustainability Science</i> , 2016, 11, 525-537.	2.5	32
1072	Managing Rivers: Ecohydrology an Effective Tool Under Changing Climate. The National Academy of Sciences, India, 2016, 39, 229-232.	0.8	2
1073	Panta Rhei 2013â€“2015: global perspectives on hydrology, society and change. <i>Hydrological Sciences Journal</i> , 0, , 1-18.	1.2	53
1074	Assessment of fish floodplain use during an extreme flood event in a large, regulated river. <i>Hydrobiologia</i> , 2016, 765, 27-41.	1.0	3
1075	Regional disparities in the beneficial effects of rising CO2 concentrations on crop waterÂ­productivity. <i>Nature Climate Change</i> , 2016, 6, 786-790.	8.1	190
1076	Impact of treated wastewater reuse and floods on water quality and fish health within a water reservoir in an arid climate. <i>Science of the Total Environment</i> , 2016, 559, 268-281.	3.9	22
1077	Plausible and desirable futures in the Anthropocene: A new research agenda. <i>Global Environmental Change</i> , 2016, 39, 351-362.	3.6	389
1078	Big data opportunities and challenges for assessing multiple stressors across scales in aquatic ecosystems. <i>Marine and Freshwater Research</i> , 2016, 67, 393.	0.7	69
1079	From Flood Protection to Flood Risk Management: Insights from the Rhine River in North Rhine-Westphalia, Germany. <i>Water Resources Management</i> , 2016, 30, 2785-2800.	1.9	16
1080	Evaluating stream health based environmental justice model performance at different spatial scales. <i>Journal of Hydrology</i> , 2016, 538, 500-514.	2.3	10
1081	Drought rewires the cores of food webs. <i>Nature Climate Change</i> , 2016, 6, 875-878.	8.1	57
1082	The effects of climatic fluctuations and extreme events on running water ecosystems. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150274.	1.8	131
1083	Computational Sustainability. <i>Studies in Computational Intelligence</i> , 2016, , .	0.7	11
1084	Exploring stream communities in a tropical biodiversity hotspot: biodiversity, regional occupancy, niche characteristics and environmental correlates. <i>Biodiversity and Conservation</i> , 2016, 25, 975-993.	1.2	43
1085	Constructing Three-Dimensional Hierarchical Architectures by Integrating Carbon Nanofibers into Graphite Felts for Water Purification. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 2351-2358.	3.2	57
1086	Sources of variability in fatty acid (FA) biomarkers in the application of compound-specific stable isotopes (CSSIs) to soil and sediment fingerprinting and tracing: A review. <i>Science of the Total Environment</i> , 2016, 565, 8-27.	3.9	78
1087	Landscape-level predictions of diversity in river networks reveal opposing patterns for different groups of macroinvertebrates. <i>Aquatic Ecology</i> , 2016, 50, 283-295.	0.7	36

#	ARTICLE	IF	CITATIONS
1088	Landsat 8: Providing continuity and increased precision for measuring multi-decadal time series of total suspended matter. <i>Remote Sensing of Environment</i> , 2016, 185, 108-118.	4.6	82
1089	Incorporation of <i>N</i> -Methylglucamine Functionalized Oligomer into MIL-101(Cr) for Highly Efficient Removal of Boric Acid from Water. <i>Chemistry - A European Journal</i> , 2016, 22, 15290-15297.	1.7	17
1090	Adaptation of water resources systems to changing society and environment: a statement by the International Association of Hydrological Sciences. <i>Hydrological Sciences Journal</i> , 2016, 61, 2803-2817.	1.2	57
1091	Applications of Bayesian belief networks in water resource management: A systematic review. <i>Environmental Modelling and Software</i> , 2016, 85, 98-111.	1.9	112
1092	Multitaxon distribution models reveal severe alteration in the regional biodiversity of freshwater invertebrates. <i>Freshwater Science</i> , 2016, 35, 1365-1376.	0.9	19
1093	Description of a widely distributed but overlooked amphipod species in the European Alps. <i>Zoological Journal of the Linnean Society</i> , 2016, , .	1.0	8
1094	How social capital influences community support for alternative water sources. <i>Sustainable Cities and Society</i> , 2016, 27, 457-466.	5.1	54
1095	The Challenges of Linking Ecosystem Services to Biodiversity. <i>Advances in Ecological Research</i> , 2016, 54, 87-134.	1.4	39
1096	Landscape and flow metrics affecting the distribution of a federally-threatened fish: Improving management, model fit, and model transferability. <i>Ecological Modelling</i> , 2016, 342, 1-18.	1.2	24
1097	Temporospatial evolution and removal mechanisms of As(V) and Se(VI) in ZVI column with H ₂ O ₂ as corrosion accelerator. <i>Water Research</i> , 2016, 106, 461-469.	5.3	44
1098	Western Lake Erie Basin: Soft-data-constrained, NHDPlus resolution watershed modeling and exploration of applicable conservation scenarios. <i>Science of the Total Environment</i> , 2016, 569-570, 1265-1281.	3.9	46
1099	A silsesquioxane-based thiophene-bridged hybrid nanoporous network as a highly efficient adsorbent for wastewater treatment. <i>Journal of Materials Chemistry A</i> , 2016, 4, 16714-16722.	5.2	105
1100	Green and blue water demand from large-scale land acquisitions in Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11471-11476.	3.3	62
1101	Freshwater vertebrate and invertebrate diversity patterns in an Andean-Amazon basin: implications for conservation efforts. <i>Neotropical Biodiversity</i> , 2016, 2, 99-114.	0.2	22
1102	Linking ecology with social development for tropical aquatic conservation. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2016, 26, 917-941.	0.9	21
1103	Short-term predicted extinction of Andean populations of the lizard <i>Stenocercus guentheri</i> (Iguanidae: Tropidurinae). <i>Journal of Thermal Biology</i> , 2016, 62, 30-36.	1.1	11
1104	Fossil clam shells reveal unintended carbon cycling consequences of Colorado River management. <i>Royal Society Open Science</i> , 2016, 3, 160170.	1.1	11
1106	Fish conservation in freshwater and marine realms: status, threats and management. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2016, 26, 838-857.	0.9	307

#	ARTICLE	IF	CITATIONS
1107	Impacts of industrial transition on water use intensity and energy-related carbon intensity in China: A spatio-temporal analysis during 2003–2012. <i>Applied Energy</i> , 2016, 183, 1112-1122.	5.1	38
1108	Water Resources Vulnerability Assessment of MENA Countries Considering Energy and Virtual Water Interactions. <i>Procedia Engineering</i> , 2016, 145, 900-907.	1.2	29
1109	The Australian Murray-Darling Basin Plan: factors leading to its successful development. <i>Ecohydrology and Hydrobiology</i> , 2016, 16, 229-241.	1.0	37
1110	Climate Change and Water and Sanitation: Likely Impacts and Emerging Trends for Action. <i>Annual Review of Environment and Resources</i> , 2016, 41, 253-276.	5.6	129
1111	Using a polymer probe characterized by MALDI-TOF/MS to assess river ecosystem functioning: From polymer selection to field tests. <i>Science of the Total Environment</i> , 2016, 573, 532-540.	3.9	6
1112	Urbanization and stream ecology: diverse mechanisms of change. <i>Freshwater Science</i> , 2016, 35, 272-277.	0.9	30
1113	Missing bridges: Social network (dis)connectivity in water governance. <i>Utilities Policy</i> , 2016, 43, 59-70.	2.1	23
1114	To manage inland fisheries is to manage at the social-ecological watershed scale. <i>Journal of Environmental Management</i> , 2016, 181, 312-325.	3.8	36
1115	Global and Regional Evaluation of Energy for Water. <i>Environmental Science & Technology</i> , 2016, 50, 9736-9745.	4.6	78
1116	Life-history strategies constrain invertebrate community tolerance to multiple stressors: A case study in the Ebro basin. <i>Science of the Total Environment</i> , 2016, 572, 196-206.	3.9	42
1117	Riverbank filtration in China: A review and perspective. <i>Journal of Hydrology</i> , 2016, 541, 914-927.	2.3	72
1118	Contribution of organic toxicants to multiple stress in river ecosystems. <i>Freshwater Biology</i> , 2016, 61, 2116-2128.	1.2	78
1119	Effects of water scarcity and chemical pollution in aquatic ecosystems: State of the art. <i>Science of the Total Environment</i> , 2016, 572, 390-403.	3.9	83
1120	Water Footprinting in Life Cycle Assessment: How to Count the Drops and Assess the Impacts?. <i>LCA Compendium</i> , 2016, , 73-114.	0.8	5
1121	People and Fresh Water Ecosystems: Pressures, Responses and Resilience. <i>Aquatic Procedia</i> , 2016, 6, 99-105.	0.9	25
1122	Hy:Con: A Strategic Tool For Balancing Hydropower Development And Conservation Needs. <i>River Research and Applications</i> , 2016, 32, 1438-1449.	0.7	22
1123	Fish population genetic structure shaped by hydroelectric power plants in the upper Rhine catchment. <i>Evolutionary Applications</i> , 2016, 9, 394-408.	1.5	60
1124	Angling for endangered fish: conservation problem or conservation action?. <i>Fish and Fisheries</i> , 2016, 17, 249-265.	2.7	70

#	ARTICLE	IF	CITATIONS
1125	HOW TO DESIGN INFRASTRUCTURE CONTRACTS IN A WARMING WORLD: A CRITICAL APPRAISAL OF PUBLIC-PRIVATE PARTNERSHIPS*. <i>International Economic Review</i> , 2016, 57, 61-88.	0.6	26
1126	Conceptualizing socio-hydrological drought processes: The case of the Maya collapse. <i>Water Resources Research</i> , 2016, 52, 6222-6242.	1.7	73
1127	Land use changes in an afrotropical biodiversity hotspot affect stream alpha and beta diversity. <i>Ecosphere</i> , 2016, 7, e01355.	1.0	42
1128	Determining urban open spaces for health-related appropriations: a qualitative analysis on the significance of blue space. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	46
1129	The importance of context dependence for understanding the effects of low-flow events on fish. <i>Freshwater Science</i> , 2016, 35, 216-228.	0.9	26
1130	Impacts of forest loss on inland waters: Identifying critical research zones based on deforestation rates, aquatic ecosystem services, and past research effort. <i>Biological Conservation</i> , 2016, 201, 277-283.	1.9	13
1131	Assessment of trace metal and rare earth elements contamination in rivers around abandoned and active mine areas. The case of Lubumbashi River and Tshamilemba Canal, Katanga, Democratic Republic of the Congo. <i>Chemie Der Erde</i> , 2016, 76, 353-362.	0.8	58
1132	Integrated valuation of ecosystem services obtained from restoring water to the environment in a major regulated river basin. <i>Ecosystem Services</i> , 2016, 22, 381-391.	2.3	28
1133	Trends in studies of Brazilian stream fish assemblages. <i>Natureza A Conservacao</i> , 2016, 14, 106-111.	2.5	18
1134	Effects of model assumptions and data quality on spatial cumulative human impact assessments. <i>Global Ecology and Biogeography</i> , 2016, 25, 1321-1332.	2.7	53
1135	Achieving Aichi Biodiversity Target 11 to improve the performance of protected areas and conserve freshwater biodiversity. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2016, 26, 133-151.	0.9	72
1136	Nanoagriculture and Water Quality Management. <i>Sustainable Agriculture Reviews</i> , 2016, , 1-42.	0.6	16
1137	Protected areas and freshwater provisioning: a global assessment of freshwater provision, threats and management strategies to support human water security. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2016, 26, 103-120.	0.9	90
1138	Field investigations of the 2013-14 drought through quali-quantitative freshwater monitoring at the headwaters of the Cantareira System, Brazil. <i>Water International</i> , 2016, 41, 776-800.	0.4	25
1139	Seasonal contamination of surface waters close to an abandoned Sn-W mine, northeast Portugal. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	4
1140	Numerical modeling of brine disposal from Gaza central seawater desalination plant. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	0.6	15
1141	Antagonistic and synergistic effects on a stream periphyton community under the influence of pulsed flow velocity increase and nutrient enrichment. <i>Science of the Total Environment</i> , 2016, 573, 594-602.	3.9	31
1142	The role of protected areas for freshwater biodiversity conservation: challenges and opportunities in a rapidly changing world. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2016, 26, 3-11.	0.9	135

#	ARTICLE	IF	CITATIONS
1143	Water security assessment using blue and green water footprint concepts. <i>Journal of Hydrology</i> , 2016, 542, 589-602.	2.3	143
1144	Effects of climate on the expression of the urban stream syndrome. <i>Freshwater Science</i> , 2016, 35, 421-428.	0.9	51
1145	Poverty, urbanization, and environmental degradation: urban streams in the developing world. <i>Freshwater Science</i> , 2016, 35, 429-435.	0.9	119
1146	Principles for urban stormwater management to protect stream ecosystems. <i>Freshwater Science</i> , 2016, 35, 398-411.	0.9	129
1147	Estimating watershed degradation over the last century and its impact on water-treatment costs for the world's large cities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9117-9122.	3.3	116
1148	Catchment zoning to unlock freshwater conservation opportunities in the Iberian Peninsula. <i>Diversity and Distributions</i> , 2016, 22, 960-969.	1.9	15
1149	River fragmentation and fish population structure: a comparison of three Swiss midland rivers. <i>Freshwater Science</i> , 2016, 35, 689-700.	0.9	12
1150	Environmental flows—basics for novices. <i>Wiley Interdisciplinary Reviews: Water</i> , 2016, 3, 622-628.	2.8	67
1151	Optimization tools for environmental water decisions: A review of strengths, weaknesses, and opportunities to improve adoption. <i>Environmental Modelling and Software</i> , 2016, 84, 326-338.	1.9	48
1152	Functional Diversity as a New Framework for Understanding the Ecology of an Emerging Generalist Pathogen. <i>EcoHealth</i> , 2016, 13, 570-581.	0.9	9
1153	Bacterial community composition and structure in an Urban River impacted by different pollutant sources. <i>Science of the Total Environment</i> , 2016, 566-567, 1176-1185.	3.9	149
1154	Climate-Adaptive Water Year Typing for Instream Flow Requirements in California's Sierra Nevada. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2016, 142, .	1.3	13
1155	Simulation Modeling to Secure Environmental Flows in a Diversion Modified Flow Regime. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2016, 142, .	1.3	4
1158	Wetlands: conservation's poor cousins. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2016, 26, 892-916.	0.9	163
1159	To boldly climb: behavioural and cognitive differences in migrating European glass eels. <i>Royal Society Open Science</i> , 2016, 3, 150665.	1.1	30
1160	A framework for strategic river restoration in China. <i>Water International</i> , 2016, 41, 998-1015.	0.4	13
1161	Fostering integration of freshwater ecology with ecotoxicology. <i>Freshwater Biology</i> , 2016, 61, 1991-2001.	1.2	84
1162	New Results for Network Pollution Games. <i>Lecture Notes in Computer Science</i> , 2016, , 39-51.	1.0	0

#	ARTICLE	IF	CITATIONS
1163	Spatial sensitivity of surface energy balance algorithms to meteorological data in a heterogeneous environment. <i>Remote Sensing of Environment</i> , 2016, 187, 294-319.	4.6	7
1164	Linking freshwater fishery management to global food security and biodiversity conservation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12880-12885.	3.3	191
1165	An overview of cyanobacterial bloom occurrences and research in Africa over the last decade. <i>Harmful Algae</i> , 2016, 60, 11-26.	2.2	115
1166	A micro photocatalytic fuel cell with an air-breathing, membraneless and monolithic design. <i>Science Bulletin</i> , 2016, 61, 1699-1710.	4.3	31
1167	Habitat recovery and restoration in aquatic ecosystems: current progress and future challenges. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2016, 26, 942-962.	0.9	203
1168	Declining streamflow induces collapse and replacement of native fish in the American Southwest. <i>Frontiers in Ecology and the Environment</i> , 2016, 14, 465-472.	1.9	67
1169	(Virtual) Water Flows Uphill toward Money. <i>Environmental Science & Technology</i> , 2016, 50, 12320-12330.	4.6	34
1170	The Science of the Anthropocene. , 2016, , 3-32.		1
1171	Fish assemblages and diversity in three tributaries of the Irrawaddy River in China: changes, threats and conservation perspectives. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2016, , 9.	0.5	5
1172	The significance of droughts for hyporheic dwellers: evidence from freshwater crayfish. <i>Scientific Reports</i> , 2016, 6, 26569.	1.6	60
1173	A Global Right of Water. <i>Midwest Studies in Philosophy</i> , 2016, 40, 217-233.	0.2	3
1174	Spatial distribution patterns of fish assemblages relative to macroinvertebrates and environmental conditions in Andean piedmont streams of the Colombian Amazon. <i>Inland Waters</i> , 2016, 6, 89-104.	1.1	13
1175	Restoring dissolved organic carbon subsidies from floodplains to lowland river food webs: a role for environmental flows?. <i>Marine and Freshwater Research</i> , 2016, 67, 1387.	0.7	24
1176	Optimizing regional power production under thermal pollution constraints. , 2016, , .		0
1177	Towards deeper collaboration: stories of Indigenous interests, aspirations, partnerships and leadership in aquatic research and management. <i>Reviews in Fish Biology and Fisheries</i> , 2016, 26, 611-615.	2.4	13
1178	Assessment of Ecological Risk Based on Projected Hydrological Alteration. <i>Environmental Processes</i> , 2016, 3, 569-587.	1.7	5
1179	Herbicide concentrations in waterways following aerial application in a steep land planted forest in New Zealand. <i>New Zealand Journal of Forestry Science</i> , 2016, 46, .	0.8	8
1180	Basin-specific effect of global warming on endemic riverine fish in Korea. <i>Annales De Limnologie</i> , 2016, 52, 171-186.	0.6	9

#	ARTICLE	IF	CITATIONS
1181	Water security in small island developing states: the limited utility of evolving governance paradigms. <i>Wiley Interdisciplinary Reviews: Water</i> , 2016, 3, 181-193.	2.8	19
1182	Citizen science: from detecting pollution to evaluating ecological restoration. <i>Wiley Interdisciplinary Reviews: Water</i> , 2016, 3, 287-300.	2.8	40
1183	Environmental context and magnitude of disturbance influence trait-mediated community responses to wastewater in streams. <i>Ecology and Evolution</i> , 2016, 6, 3923-3939.	0.8	53
1184	Towards catchment classification in data-scarce regions. <i>Ecohydrology</i> , 2016, 9, 1235-1247.	1.1	25
1185	Responses of ground-dwelling arthropods to surface flow drying in channels and adjacent habitats along Mediterranean streams. <i>Ecohydrology</i> , 2016, 9, 1376-1387.	1.1	25
1186	Multiple-stressor effects on leaf litter decomposition and fungal decomposers in agricultural streams contrast between litter species. <i>Functional Ecology</i> , 2016, 30, 1257-1266.	1.7	33
1187	Future land use threats to range-restricted fish species in the United States. <i>Diversity and Distributions</i> , 2016, 22, 663-671.	1.9	10
1188	Enhancing conservation of Australian freshwater ecosystems: identification of freshwater flagship fishes and relevant target audiences. <i>Fish and Fisheries</i> , 2016, 17, 1134-1151.	2.7	28
1189	Building Common Ground for Environmental Flows using Traditional Techniques and Novel Engagement Approaches. <i>Environmental Management</i> , 2016, 57, 912-928.	1.2	11
1190	Adaptive governance in water reform discourses of the Murray-Darling Basin, Australia. <i>Policy Sciences</i> , 2016, 49, 281-307.	1.5	9
1191	On the sustainability of inland fisheries: Finding a future for the forgotten. <i>Ambio</i> , 2016, 45, 753-764.	2.8	141
1192	Facile fabrication hybrids of TiO ₂ @ZnO tubes with enhanced photocatalytic properties. <i>RSC Advances</i> , 2016, 6, 58452-58457.	1.7	15
1193	Achieving high-efficiency and ultrafast removal of Pb(II) by one-pot incorporation of a N-doped carbon hydrogel into FeMg layered double hydroxides. <i>Journal of Materials Chemistry A</i> , 2016, 4, 10336-10344.	5.2	63
1194	Assessing the sustainability of freshwater systems: A critical review of composite indicators. <i>Ambio</i> , 2016, 45, 765-780.	2.8	54
1195	Response of macrophyte communities to flow regulation in mountain streams. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 414.	1.3	22
1196	Status of Freshwater Fish Biodiversity in the Yangtze River Basin, China. <i>Structure and Function of Mountain Ecosystems in Japan</i> , 2016, , 13-30.	0.1	7
1197	Hydro-economic modeling with aquifer-river interactions to guide sustainable basin management. <i>Journal of Hydrology</i> , 2016, 539, 510-524.	2.3	49
1198	Diel variability in fish assemblages in coastal wetlands and tributaries of the St. Lawrence River: a cautionary tale for fisheries monitoring. <i>Aquatic Sciences</i> , 2016, 78, 267-277.	0.6	10

#	ARTICLE	IF	CITATIONS
1199	Autochthony in Karst Spring Food Webs. <i>Hydrobiologia</i> , 2016, 776, 173-191.	1.0	18
1200	Collaborative research partnerships inform monitoring and management of aquatic ecosystems by Indigenous rangers. <i>Reviews in Fish Biology and Fisheries</i> , 2016, 26, 711-725.	2.4	36
1201	Stock assessment in inland fisheries: a foundation for sustainable use and conservation. <i>Reviews in Fish Biology and Fisheries</i> , 2016, 26, 405-440.	2.4	75
1202	How is ecosystem health defined and measured? A critical review of freshwater and estuarine studies. <i>Ecological Indicators</i> , 2016, 69, 722-729.	2.6	106
1203	An Exploratory Study on Water Reporting among Top Malaysian Public Listed Companies. <i>Procedia Economics and Finance</i> , 2016, 35, 64-73.	0.6	5
1204	River Culture: an eco-social approach to mitigate the biological and cultural diversity crisis in riverscapes. <i>Ecohydrology and Hydrobiology</i> , 2016, 16, 7-18.	1.0	101
1205	Reductionist and integrative research approaches to complex water security policy challenges. <i>Global Environmental Change</i> , 2016, 39, 143-154.	3.6	130
1206	The global economic costs of the need to treat polluted water. <i>Economic Systems Research</i> , 2016, 28, 295-314.	1.2	23
1207	Contribution of social science to large scale biodiversity conservation: A review of research about the Natura 2000 network. <i>Biological Conservation</i> , 2016, 199, 110-122.	1.9	126
1208	Smarter Stormwater Systems. <i>Environmental Science & Technology</i> , 2016, 50, 7267-7273.	4.6	159
1209	Spatial patterns of genetic diversity, community composition and occurrence of native and non-native amphipods in naturally replicated tributary streams. <i>BMC Ecology</i> , 2016, 16, 23.	3.0	15
1210	Review of social water cycle research in a changing environment. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 63, 132-140.	8.2	58
1211	Hierarchical Microspheres of MoS ₂ Nanosheets: Efficient and Regenerative Adsorbent for Removal of Water-Soluble Dyes. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 7124-7131.	1.8	179
1212	Flow Management for Hydropower Extirpates Aquatic Insects, Undermining River Food Webs. <i>BioScience</i> , 2016, 66, 561-575.	2.2	150
1213	A bibliometric analysis on the performance and underlying dynamic patterns of water security research. <i>Scientometrics</i> , 2016, 108, 1531-1551.	1.6	27
1214	The Global Rise of Zero Liquid Discharge for Wastewater Management: Drivers, Technologies, and Future Directions. <i>Environmental Science & Technology</i> , 2016, 50, 6846-6855.	4.6	682
1215	Density constrains cascading consequences of warming and nitrogen from invertebrate growth to litter decomposition. <i>Ecology</i> , 2016, 97, 1635-1642.	1.5	13
1216	Pollution evaluation in the Shahrood River: Do physico-chemical and macroinvertebrate-based indices indicate same responses to anthropogenic activities?. <i>Chemosphere</i> , 2016, 159, 584-594.	4.2	43

#	ARTICLE	IF	CITATIONS
1217	Spatial and temporal patterns in fish community structure and abundance in the largest U.S. river swamp, the Atchafalaya River floodplain, Louisiana. <i>Ecology of Freshwater Fish</i> , 2016, 25, 577-589.	0.7	9
1218	All in the ears: unlocking the early life history biology and spatial ecology of fishes. <i>Biological Reviews</i> , 2016, 91, 86-105.	4.7	29
1219	Fluoride: A naturally-occurring health hazard in drinking-water resources of Northern Thailand. <i>Science of the Total Environment</i> , 2016, 545-546, 266-279.	3.9	59
1220	Water deficit stress tolerance in maize conferred by expression of an isopentenyltransferase (IPT) gene driven by a stress- and maturation-induced promoter. <i>Journal of Biotechnology</i> , 2016, 220, 66-77.	1.9	46
1221	Piecewise model for species–discharge relationships in rivers. <i>Ecological Engineering</i> , 2016, 96, 208-213.	1.6	12
1222	Odonates as indicators of the ecological integrity of the river corridor: Development and application of the Odonate River Index (ORI) in northern Italy. <i>Ecological Indicators</i> , 2016, 61, 234-247.	2.6	52
1223	Reasons why some irrigation water users fail to comply with water use regulations: A case study from Queensland, Australia. <i>Land Use Policy</i> , 2016, 51, 26-40.	2.5	13
1224	Relationships between woody vegetation and geomorphological patterns in three gravel-bed rivers with different intensities of anthropogenic disturbance. <i>Advances in Water Resources</i> , 2016, 93, 193-204.	1.7	19
1225	The economic value of freshwater inputs to an estuarine fishery. <i>Water Resources and Economics</i> , 2016, 13, 46-59.	0.9	9
1226	Population, water, food, energy and dams. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 56, 18-28.	8.2	168
1227	Population Dynamics of an Estuarine Forage Fish: Disaggregating Forces Driving Long-Term Decline of Longfin Smelt in California's San Francisco Estuary. <i>Transactions of the American Fisheries Society</i> , 2016, 145, 44-58.	0.6	26
1228	Site-scale isotopic variations along a river course help localize drainage basin influence on river food webs. <i>Hydrobiologia</i> , 2016, 770, 257-272.	1.0	28
1229	Field and laboratory studies reveal interacting effects of stream oxygenation and warming on aquatic ectotherms. <i>Global Change Biology</i> , 2016, 22, 1769-1778.	4.2	111
1230	Establishing Environmental Water Requirements for the Murray–Darling Basin, Australia's Largest Developed River System. <i>River Research and Applications</i> , 2016, 32, 1153-1165.	0.7	75
1231	Dominant factors controlling the efficiency of two-phase flow cleaning in spiral-wound membrane elements. <i>Desalination and Water Treatment</i> , 2016, 57, 17625-17636.	1.0	15
1232	New approaches to the ecological risk assessment of multiple stressors. <i>Marine and Freshwater Research</i> , 2016, 67, 429.	0.7	74
1233	Impacts from hydropower production on biodiversity in an LCA framework—review and recommendations. <i>International Journal of Life Cycle Assessment</i> , 2016, 21, 412-428.	2.2	55
1234	Trophic complexity in aqueous systems: bacterial species richness and protistan predation regulate dissolved organic carbon and dissolved total nitrogen removal. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20152724.	1.2	47

#	ARTICLE	IF	CITATIONS
1235	The social, economic, and environmental importance of inland fish and fisheries. <i>Environmental Reviews</i> , 2016, 24, 115-121.	2.1	275
1236	Identifying the potential of governance regimes to aggravate or mitigate local water conflicts in regions threatened by climate change. <i>Local Environment</i> , 2016, 21, 1387-1408.	1.1	17
1237	Major changes in CO2 efflux when shallow lakes shift from a turbid to a clear water state. <i>Hydrobiologia</i> , 2016, 778, 33-44.	1.0	22
1238	Experimental evidence for the use of artificial refugia to mitigate the impacts of invasive <i>Gambusia holbrooki</i> on an endangered fish. <i>Biological Invasions</i> , 2016, 18, 873-882.	1.2	17
1239	Autonomous real-time water quality sensing as an alternative to conventional monitoring to improve the detection of food, energy, and water indicators. <i>Journal of Environmental Studies and Sciences</i> , 2016, 6, 200-207.	0.9	13
1240	Relationship between water-conservation behavior and water education in Guangzhou, China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	287
1241	An integrative modelling approach for linking environmental flow management, ecosystem service provision and inter-stakeholder conflict. <i>Environmental Modelling and Software</i> , 2016, 79, 22-34.	1.9	18
1242	Improving river health: insights into initiating collaboration in a transboundary river basin. <i>International Journal of River Basin Management</i> , 2016, 14, 119-132.	1.5	7
1243	Recover energy from domestic wastewater using anaerobic membrane bioreactor: Operating parameters optimization and energy balance analysis. <i>Energy</i> , 2016, 98, 146-154.	4.5	64
1244	Ecological traps: current evidence and future directions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20152647.	1.2	194
1245	From catchment to fish: Impact of anthropogenic pressures on gill histopathology. <i>Science of the Total Environment</i> , 2016, 550, 972-986.	3.9	62
1246	Wastewater Reuse and Current Challenges. <i>Handbook of Environmental Chemistry</i> , 2016, , .	0.2	7
1247	Searching for trends in river dolphin abundance: Designing surveys for looming threats, and evidence for opposing trends of two species in the Colombian Amazon. <i>Biological Conservation</i> , 2016, 195, 136-145.	1.9	19
1248	Sediment cores as archives of historical changes in floodplain lake hydrology. <i>Science of the Total Environment</i> , 2016, 544, 1008-1019.	3.9	18
1249	Species distribution models grounded in ecological theory for decision support in river management. <i>Ecological Modelling</i> , 2016, 325, 1-12.	1.2	26
1250	Nutrients versus emerging contaminants—Or a dynamic match between subsidy and stress effects on stream biofilms. <i>Environmental Pollution</i> , 2016, 212, 208-215.	3.7	41
1251	Prioritizing management actions for the conservation of freshwater biodiversity under changing climate and land-cover. <i>Biological Conservation</i> , 2016, 197, 80-89.	1.9	46
1252	Massive land system changes impact water quality of the Jhelum River in Kashmir Himalaya. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 185.	1.3	66

#	ARTICLE	IF	CITATIONS
1253	Effect of biotic dependencies in species distribution models: The future distribution of <i>Thymallus thymallus</i> under consideration of <i>Allogamus auricollis</i> . <i>Ecological Modelling</i> , 2016, 327, 95-104.	1.2	12
1254	Zeolite science and technology at Eni. <i>New Journal of Chemistry</i> , 2016, 40, 4061-4077.	1.4	38
1255	Evaluation of groundwater quality in a rural community in North Central of Nigeria. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 192.	1.3	34
1256	Does nutrient enrichment compensate fungicide effects on litter decomposition and decomposer communities in streams?. <i>Aquatic Toxicology</i> , 2016, 174, 169-178.	1.9	17
1257	Examining Water Use Regimes of Suburban Watersheds at Annual and Subannual Timescales. <i>Journal of Hydrologic Engineering - ASCE</i> , 2016, 21, 05015012.	0.8	0
1258	A Comparative Analysis of Water Governance, Water Management, and Environmental Performance in River Basins. <i>Water Resources Management</i> , 2016, 30, 2161-2177.	1.9	65
1259	An eco-functional classification for environmental flow assessment in the Pearl River Basin in Guangdong, China. <i>Science China Technological Sciences</i> , 2016, 59, 265-275.	2.0	7
1260	Barrage fishponds: Reduction of pesticide concentration peaks and associated risk of adverse ecological effects in headwater streams. <i>Journal of Environmental Management</i> , 2016, 169, 261-271.	3.8	19
1262	An externality evaluation model for hydropower projects: A case study of the Three Gorges Project. <i>Energy</i> , 2016, 108, 74-85.	4.5	29
1263	Challenges of river basin management: Current status of, and prospects for, the River Danube from a river engineering perspective. <i>Science of the Total Environment</i> , 2016, 543, 828-845.	3.9	131
1264	Life after death: evidence of the Hoover Dam as a hero project that defends against mortality reminders. <i>Water History</i> , 2016, 8, 3-21.	0.5	5
1265	Bioassessment in a metacommunity context: Are diatom communities structured solely by species sorting?. <i>Ecological Indicators</i> , 2016, 62, 86-94.	2.6	48
1266	Long-term monitoring data meet freshwater species distribution models: Lessons from an LTER-site. <i>Ecological Indicators</i> , 2016, 65, 122-132.	2.6	19
1267	Potential application of macroinvertebrates indices in bioassessment of Mexican streams. <i>Ecological Indicators</i> , 2016, 61, 558-567.	2.6	29
1268	Nonlinear responses in damselfly community along a gradient of habitat loss in a savanna landscape. <i>Biological Conservation</i> , 2016, 194, 113-120.	1.9	86
1269	Forest clearfelling effects on dissolved oxygen and metabolism in peatland streams. <i>Journal of Environmental Management</i> , 2016, 166, 250-259.	3.8	18
1270	Multiple-stressor effects on stream invertebrates: DNA barcoding reveals contrasting responses of cryptic mayfly species. <i>Ecological Indicators</i> , 2016, 61, 159-169.	2.6	87
1271	Tracking global change in ecosystem area: The Wetland Extent Trends index. <i>Biological Conservation</i> , 2016, 193, 27-35.	1.9	197

#	ARTICLE	IF	CITATIONS
1272	Fostering water sensitive citizenship – Community profiles of engagement in water-related issues. <i>Environmental Science and Policy</i> , 2016, 55, 238-247.	2.4	83
1273	Recycled wastewater and product choice: Does it make a difference if and when you taste it?. <i>Food Quality and Preference</i> , 2016, 48, 283-292.	2.3	5
1274	Taxonomic distinctness along nutrient gradients: More diverse, less diverse or not different from random?. <i>Ecological Indicators</i> , 2016, 61, 1033-1041.	2.6	20
1275	Inter- and intra-annual variation of water footprint of crops and blue water scarcity in the Yellow River basin (1961–2009). <i>Advances in Water Resources</i> , 2016, 87, 29-41.	1.7	138
1276	Change-point detection and variation assessment of the hydrologic regime of the Wenyu River. <i>Toxicological and Environmental Chemistry</i> , 2016, 98, 358-375.	0.6	6
1277	Immunological and health-state parameters in the Patagonian rockfish <i>Sebastes oculatus</i> . Their relation to chemical stressors and seasonal changes. <i>Fish and Shellfish Immunology</i> , 2016, 48, 71-78.	1.6	22
1278	A review of hydrological and chemical stressors in the Adige catchment and its ecological status. <i>Science of the Total Environment</i> , 2016, 540, 429-443.	3.9	71
1279	Pesticide fate modeling in soils with the crop model STICS: Feasibility for assessment of agricultural practices. <i>Science of the Total Environment</i> , 2016, 542, 787-802.	3.9	40
1280	Water Resources Management and Adaptation to Climate Change. <i>Water Resources Development and Management</i> , 2016, , 27-40.	0.3	2
1281	Decentralized desalination of brackish water using an electrodialysis system directly powered by wind energy. <i>Desalination</i> , 2016, 377, 54-64.	4.0	64
1282	Geographic distribution of the short-tailed river stingray (<i>Potamotrygon brachyura</i>): assessing habitat loss and fishing as threats to the world's largest obligate freshwater elasmobranch. <i>Marine and Freshwater Research</i> , 2016, 67, 1463.	0.7	8
1283	Model development for the assessment of terrestrial and aquatic habitat quality in conservation planning. <i>Science of the Total Environment</i> , 2016, 540, 63-70.	3.9	265
1284	Cooperative water management and ecosystem protection under scarcity and drought in arid and semiarid regions. <i>Water Resources and Economics</i> , 2016, 13, 60-74.	0.9	66
1285	Modeling Groundwater Depletion at Regional and Global Scales: Present State and Future Prospects. <i>Surveys in Geophysics</i> , 2016, 37, 419-451.	2.1	77
1286	Unresolved diversity and monthly dynamics of eukaryotic phytoplankton in a temperate freshwater reservoir explored by pyrosequencing. <i>Marine and Freshwater Research</i> , 2016, 67, 1680.	0.7	7
1287	Society - Water - Technology. <i>Water Resources Development and Management</i> , 2016, , .	0.3	8
1288	Major Water Engineering Projects: Definitions, Framework Conditions, Systemic Effects. <i>Water Resources Development and Management</i> , 2016, , 33-45.	0.3	0
1289	The seventh facet of uncertainty: wrong assumptions, unknowns and surprises in the dynamics of human water systems. <i>Hydrological Sciences Journal</i> , 2016, 61, 1748-1758.	1.2	73

#	ARTICLE	IF	CITATIONS
1290	Sustainable water management under future uncertainty with eco-engineering decision scaling. <i>Nature Climate Change</i> , 2016, 6, 25-34.	8.1	357
1291	Anthropogenic land-use stress alters community concordance at the river-riparian interface. <i>Ecological Indicators</i> , 2016, 65, 133-141.	2.6	16
1292	Regulation causes nitrogen cycling discontinuities in Mediterranean rivers. <i>Science of the Total Environment</i> , 2016, 540, 168-177.	3.9	31
1293	Degradation of organic dyes by Si/SiO _x core-shell nanowires: Spontaneous generation of superoxides without light irradiation. <i>Chemosphere</i> , 2016, 144, 836-841.	4.2	11
1294	The importance of integrated solutions to flooding and water quality problems in the tropical megacity of Jakarta. <i>Sustainable Cities and Society</i> , 2016, 20, 199-209.	5.1	54
1295	Evaluation of Cooperation during Project Delivery: Empirical Study on the Hydropower Industry in Southwest China. <i>Journal of Construction Engineering and Management - ASCE</i> , 2016, 142, .	2.0	11
1296	Ecological and toxicological responses in a multistressor scenario: Are monitoring programs showing the stressors or just showing stress? A case study in Brazil. <i>Science of the Total Environment</i> , 2016, 540, 466-476.	3.9	8
1297	Impact assessment of agricultural driven stressors on benthic macroinvertebrates using simulated data. <i>Science of the Total Environment</i> , 2016, 540, 32-42.	3.9	23
1298	A salt bath will keep you going? Euryhalinity tests and genetic structure of caridean shrimps from Iberian rivers. <i>Science of the Total Environment</i> , 2016, 540, 11-19.	3.9	6
1299	Assessing water scarcity by simultaneously considering environmental flow requirements, water quantity, and water quality. <i>Ecological Indicators</i> , 2016, 60, 434-441.	2.6	182
1300	Establishing mussel behavior as a biomarker in ecotoxicology. <i>Aquatic Toxicology</i> , 2016, 170, 279-288.	1.9	86
1301	Disentangling the effects of land use and geo-climatic factors on diversity in European freshwater ecosystems. <i>Ecological Indicators</i> , 2016, 60, 71-83.	2.6	66
1302	A data-driven method for selecting candidate reference sites for stream bioassessment programs using generalised dissimilarity models. <i>Marine and Freshwater Research</i> , 2016, 67, 440.	0.7	12
1303	Ecotoxicological risk assessment of chemical pollution in four Iberian river basins and its relationship with the aquatic macroinvertebrate community status. <i>Science of the Total Environment</i> , 2016, 540, 324-333.	3.9	71
1304	Phytoremediation: Potential flora for synthetic dyestuff metabolism. <i>Journal of King Saud University - Science</i> , 2016, 28, 119-130.	1.6	84
1305	Ecological relevance of biomarkers in monitoring studies of macro-invertebrates and fish in Mediterranean rivers. <i>Science of the Total Environment</i> , 2016, 540, 307-323.	3.9	127
1306	Flooding modifies the genotoxic effects of pollution on a worm, a mussel and two fish species from the Sava River. <i>Science of the Total Environment</i> , 2016, 540, 358-367.	3.9	26
1307	Conserving Water While Washing Hands. <i>Environment and Behavior</i> , 2016, 48, 343-364.	2.1	25

#	ARTICLE	IF	CITATIONS
1308	A multi-criteria geographic information systems approach for the measurement of vulnerability to climate change. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2017, 22, 349-368.	1.0	17
1309	Lessons learned? Effects of nutrient reductions from constructing wetlands in 1996–2006 across Sweden. <i>Ecological Engineering</i> , 2017, 103, 404-414.	1.6	36
1310	Strong genetic differentiation among populations of the freshwater shrimp <i>Caridina cantonensis</i> in Hong Kong: implications for conservation of freshwater fauna in urban areas. <i>Marine and Freshwater Research</i> , 2017, 68, 187.	0.7	5
1311	Heavy metals in sediment and their accumulation in commonly consumed fish species in Bangladesh. <i>Archives of Environmental and Occupational Health</i> , 2017, 72, 26-38.	0.7	33
1312	Climatic risks and impacts in South Asia: extremes of water scarcity and excess. <i>Regional Environmental Change</i> , 2017, 17, 1569-1583.	1.4	65
1313	Habitat specialization and sensitivity to change in a threatened crayfish occupying upland streams. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2017, 27, 90-102.	0.9	12
1314	Aquatic biodiversity in forests: a weak link in ecosystem services resilience. <i>Biodiversity and Conservation</i> , 2017, 26, 3125-3155.	1.2	21
1315	Predicting the effects of climate change on population connectivity and genetic diversity of an imperiled freshwater mussel, <i>Cumberlandia monodonta</i> (Bivalvia: Margaritiferidae), in riverine systems. <i>Global Change Biology</i> , 2017, 23, 94-107.	4.2	48
1316	Variations in precipitation and runoff from a multivariate perspective in the Wei River Basin, China. <i>Quaternary International</i> , 2017, 440, 30-39.	0.7	9
1317	Drying as a primary hydrological determinant of biodiversity in river systems: a broad-scale analysis. <i>Ecography</i> , 2017, 40, 487-499.	2.1	109
1318	Assessing upstream invasion risk in alien freshwater fishes based on intrinsic variations in swimming speed performance. <i>Ecology of Freshwater Fish</i> , 2017, 26, 75-86.	0.7	12
1319	Risk management, financial evaluation and funding for wastewater and stormwater reuse projects. <i>Journal of Environmental Management</i> , 2017, 191, 83-95.	3.8	37
1320	Synthetic chemicals as agents of global change. <i>Frontiers in Ecology and the Environment</i> , 2017, 15, 84-90.	1.9	457
1321	The Impact-Likelihood Matrix: A policy tool for behaviour prioritisation. <i>Environmental Science and Policy</i> , 2017, 70, 9-20.	2.4	18
1322	The Bode hydrological observatory: a platform for integrated, interdisciplinary hydro-ecological research within the TERENO Harz/Central German Lowland Observatory. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	93
1323	Micropollutant-induced tolerance of in situ periphyton: Establishing causality in wastewater-impacted streams. <i>Water Research</i> , 2017, 111, 185-194.	5.3	42
1324	Is initial Si concentration determining the influence of warming and N-supply on stoichiometric changes during litter decomposition?. <i>Aquatic Botany</i> , 2017, 138, 1-8.	0.8	1
1325	Water Governance—An Historical Perspective on Current Debates. <i>World Development</i> , 2017, 92, 225-241.	2.6	191

#	ARTICLE	IF	CITATIONS
1326	Surface water dynamics and land use influence landscape connectivity across a major dryland region. <i>Ecological Applications</i> , 2017, 27, 1124-1137.	1.8	38
1327	The role of graphene oxide and graphene oxide-based nanomaterials in the removal of pharmaceuticals from aqueous media: a review. <i>Environmental Science and Pollution Research</i> , 2017, 24, 7938-7958.	2.7	164
1328	Cladoceran diversity dynamics in lakes from a northern mining region: responses to multiple stressors characterized by alpha and beta diversity. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2017, 74, 1654-1667.	0.7	11
1329	Assessment of Trend in Global Drought Propensity in the Twenty-First Century Using Drought Management Index. <i>Water Resources Management</i> , 2017, 31, 1209-1225.	1.9	11
1330	The Form in Which Nitrogen Is Supplied Affects the Polyamines, Amino Acids, and Mineral Composition of Sweet Pepper Fruit under an Elevated CO ₂ Concentration. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 711-717.	2.4	14
1331	Projected novel eco-hydrological river types for Europe. <i>Ecohydrology and Hydrobiology</i> , 2017, 17, 73-83.	1.0	7
1332	Modeling multidecadal surface water inundation dynamics and key drivers on large river basin scale using multiple time series of remote sensing observation and river flow data. <i>Water Resources Research</i> , 2017, 53, 1251-1269.	1.7	41
1333	Biogeographical region and environmental conditions drive functional traits of estuarine fish assemblages worldwide. <i>Fish and Fisheries</i> , 2017, 18, 752-771.	2.7	55
1334	Spatial and temporal variability of blue/green water flows in typical meteorological years in an inland river basin in China. <i>Journal of Water and Climate Change</i> , 2017, 8, 165-176.	1.2	7
1335	Discharge-driven flood and seasonal patterns of phytoplankton biomass and composition of an Australian tropical savannah river. <i>Hydrobiologia</i> , 2017, 794, 203-221.	1.0	19
1336	Using fuzzy theory and variable weights for water quality evaluation in Poyang Lake, China. <i>Chinese Geographical Science</i> , 2017, 27, 39-51.	1.2	25
1337	Evidence for organic phosphorus activation and transformation at the sediment-water interface during plant debris decomposition. <i>Science of the Total Environment</i> , 2017, 583, 458-465.	3.9	48
1338	Hydrological Impacts of Biological Invasions. , 2017, , 63-80.		15
1339	Physical and Chemical Factors to Consider when Studying Historical Contamination and Pollution in Estuaries. <i>Developments in Paleoenvironmental Research</i> , 2017, , 239-276.	7.5	8
1340	Ampholytic microspheres constructed from chitosan and carrageenan in alkali/urea aqueous solution for purification of various wastewater. <i>Chemical Engineering Journal</i> , 2017, 317, 766-776.	6.6	72
1341	Continental mapping of groundwater dependent ecosystems: A methodological framework to integrate diverse data and expert opinion. <i>Journal of Hydrology: Regional Studies</i> , 2017, 10, 61-81.	1.0	41
1342	Assessing the hydrological response from an ensemble of CMIP5 climate projections in the transition zone of the Atlantic region (Bay of Biscay). <i>Journal of Hydrology</i> , 2017, 548, 46-62.	2.3	45
1343	Water security for northern peoples: review of threats to Arctic freshwater systems in Nunavut, Canada. <i>Regional Environmental Change</i> , 2017, 17, 635-647.	1.4	34

#	ARTICLE	IF	CITATIONS
1344	Preparation of dithiocarbamate polymer brush grafted nanocomposites for rapid and enhanced capture of heavy metal ions. <i>RSC Advances</i> , 2017, 7, 13112-13122.	1.7	27
1345	A leader-follower-interactive method for regional water resources management with considering multiple water demands and eco-environmental constraints. <i>Journal of Hydrology</i> , 2017, 548, 121-134.	2.3	62
1346	Many shades of gray—The context-dependent performance of organic agriculture. <i>Science Advances</i> , 2017, 3, e1602638.	4.7	294
1347	Development and validation of a bacteria-based index of biotic integrity for assessing the ecological status of urban rivers: A case study of Qinhuai River basin in Nanjing, China. <i>Journal of Environmental Management</i> , 2017, 196, 161-167.	3.8	36
1348	Rethinking refuges: Implications of climate change for dam busting. <i>Biological Conservation</i> , 2017, 209, 188-195.	1.9	22
1349	Application of AMC UF membranes blended with hydrophilic CA-graft copolymer for rejection of Fe(II)/(III) ions using various ligands. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 51, 54-63.	2.9	4
1350	Global variation in the beta diversity of lake macrophytes is driven by environmental heterogeneity rather than latitude. <i>Journal of Biogeography</i> , 2017, 44, 1758-1769.	1.4	127
1351	Organic pollution of rivers: Combined threats of urbanization, livestock farming and global climate change. <i>Scientific Reports</i> , 2017, 7, 43289.	1.6	167
1352	Comparisons of Global Terrestrial Surface Water Datasets over 15 Years. <i>Journal of Hydrometeorology</i> , 2017, 18, 993-1007.	0.7	21
1353	Cell culture-based biosensing techniques for detecting toxicity in water. <i>Current Opinion in Biotechnology</i> , 2017, 45, 59-68.	3.3	38
1354	Optimal allocation of Red List assessments to guide conservation of biodiversity in a rapidly changing world. <i>Global Change Biology</i> , 2017, 23, 3525-3532.	4.2	19
1355	Importance of the natural flow regime to an amphidromous shrimp: a case study. <i>Marine and Freshwater Research</i> , 2017, 68, 909.	0.7	23
1356	Long-term monitoring for conservation management: Lessons from a case study integrating remote sensing and field approaches in floodplain forests. <i>Journal of Environmental Management</i> , 2017, 202, 392-402.	3.8	33
1357	Impact of hydrogeomorphic processes on ecological functions of brown trout habits. <i>International Journal of Environmental Science and Technology</i> , 2017, 14, 1757-1770.	1.8	1
1358	What Can We Do Better for Sustainability in an Uncertain Future?. , 2017, , 251-261.		2
1359	Freshwater ecosystems could become the biggest losers of the Paris Agreement. <i>Global Change Biology</i> , 2017, 23, 3433-3436.	4.2	46
1360	Estimation of water requirements for a drip-irrigated apple orchard using Landsat 7 satellite images. <i>Acta Horticulturae</i> , 2017, , 181-188.	0.1	0
1361	Freshwater fishes of northern Australia. <i>Zootaxa</i> , 2017, 4253, 1.	0.2	34

#	ARTICLE	IF	CITATIONS
1362	Progress in household water insecurity metrics: a cross-disciplinary approach. <i>Wiley Interdisciplinary Reviews: Water</i> , 2017, 4, e1214.	2.8	150
1363	Methodological perspectives on the application of compound-specific stable isotope fingerprinting for sediment source apportionment. <i>Journal of Soils and Sediments</i> , 2017, 17, 1537-1553.	1.5	46
1364	Anthropogenic stressors and riverine fish extinctions. <i>Ecological Indicators</i> , 2017, 79, 37-46.	2.6	80
1365	The interaction of human population, food production, and biodiversity protection. <i>Science</i> , 2017, 356, 260-264.	6.0	439
1366	Living by the lessons of the planet. <i>Science</i> , 2017, 356, 251-252.	6.0	31
1367	Stable hydrogen and oxygen isotopes of tap water reveal structure of the San Francisco Bay Area's water system and adjustments during a major drought. <i>Water Research</i> , 2017, 119, 212-224.	5.3	39
1368	Mechanistic modelling for predicting the effects of restoration, invasion and pollution on benthic macroinvertebrate communities in rivers. <i>Freshwater Biology</i> , 2017, 62, 1083-1093.	1.2	5
1369	Resilience in ecotoxicology: Toward a multiple equilibrium concept. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2574-2580.	2.2	9
1370	Freshwater biomonitoring in the Information Age. <i>Frontiers in Ecology and the Environment</i> , 2017, 15, 266-274.	1.9	120
1371	Real-time experiment of water security measurement sensors in a drinking water system: Case study: The Colorado State University Campus. <i>Environmental Forensics</i> , 2017, 18, 122-134.	1.3	2
1372	Identifying Societal Preferences for River Restoration in a Densely Populated Urban Environment: Evidence from a Discrete Choice Experiment in Central Brussels. <i>Environmental Management</i> , 2017, 60, 263-279.	1.2	30
1373	Pollution characteristics and potential ecological risk assessment of metals in the sediments of Xiaoqing River, Jinan. <i>Environmental Science and Pollution Research</i> , 2017, 24, 15001-15011.	2.7	20
1374	To what extent have the links between ecosystem services and human well-being been researched in Africa, Asia, and Latin America?. <i>Ecosystem Services</i> , 2017, 25, 201-212.	2.3	73
1375	Macroinvertebrate community in relation to water quality and riparian land use in a subtropical mountain stream, China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 14682-14689.	2.7	35
1376	Integrating dispersal proxies in ecological and environmental research in the freshwater realm. <i>Environmental Reviews</i> , 2017, 25, 334-349.	2.1	88
1377	Environmental drivers of α -diversity patterns in monsoonal tropical stream fish assemblages: a case study from tributaries of Narmada basin, India. <i>Environmental Biology of Fishes</i> , 2017, 100, 749-761.	0.4	12
1378	Systemic insights into agricultural groundwater management: case of Firuzabad Plain, Iran. <i>Water Policy</i> , 2017, 19, 867-885.	0.7	15
1379	Human pressures and ecological status of European rivers. <i>Scientific Reports</i> , 2017, 7, 205.	1.6	142

#	ARTICLE	IF	CITATIONS
1380	<sc>IRBAS</sc>: An online database to collate, analyze, and synthesize data on the biodiversity and ecology of intermittent rivers worldwide. <i>Ecology and Evolution</i> , 2017, 7, 815-823.	0.8	5
1381	Environmental stressors as a driver of the trait composition of benthic macroinvertebrate assemblages in polluted Iberian rivers. <i>Environmental Research</i> , 2017, 156, 485-493.	3.7	61
1382	Global correlates of extinction risk in freshwater crayfish. <i>Animal Conservation</i> , 2017, 20, 532-542.	1.5	31
1383	Classical metapopulation dynamics and eco-evolutionary feedbacks in dendritic networks. <i>Ecography</i> , 2017, 40, 1455-1466.	2.1	39
1384	Climate modulates the magnitude of the effects of flow regulation on leaf-litter decomposition. <i>Aquatic Sciences</i> , 2017, 79, 507-514.	0.6	6
1385	Mayfly bioindicator thresholds for several anthropogenic disturbances in neotropical savanna streams. <i>Ecological Indicators</i> , 2017, 74, 276-284.	2.6	46
1386	BiOBr nanoplates@TiO ₂ nanowires/carbon fiber cloth as a functional water transport network for continuous flow water purification. <i>Dalton Transactions</i> , 2017, 46, 347-354.	1.6	18
1387	Managing Water Resources to Adapt to Climate Change: Facing Uncertainty and Scarcity in a Changing Context. <i>Water Resources Management</i> , 2017, 31, 2951-2963.	1.9	64
1388	Resource allocation tradeoffs in caddisflies facing multiple stressors. <i>Ecology and Evolution</i> , 2017, 7, 5103-5110.	0.8	13
1389	Assessing the recovery of fish assemblages downstream of hydrological barriers in India's Western Ghats. <i>River Research and Applications</i> , 2017, 33, 1026-1035.	0.7	6
1390	Modelling impacts of development on water resources in the Huai Sai Bat sub-basin in north-eastern Thailand with a participatory approach. <i>International Journal of Water Resources Development</i> , 2017, 33, 1020-1040.	1.2	4
1391	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
1392	Prediction of Environmental Flow Condition Using the Standardized Precipitation Index in Mahanadi Basin, India. , 2017, , .		3
1393	Modeling large-scale human alteration of land surface hydrology and climate. <i>Geoscience Letters</i> , 2017, 4, .	1.3	32
1394	Does the loss of climate sensitive detritivore species alter leaf decomposition?. <i>Aquatic Sciences</i> , 2017, 79, 869-879.	0.6	6
1395	Overcoming water challenges through nature-based solutions. <i>Water Policy</i> , 2017, 19, 820-836.	0.7	43
1396	The role of macroinvertebrates for conservation of freshwater systems. <i>Ecology and Evolution</i> , 2017, 7, 5502-5513.	0.8	36
1398	Evaluating regional water security through a freshwater ecosystem service flow model: A case study in Beijing-Tianjian-Hebei region, China. <i>Ecological Indicators</i> , 2017, 81, 159-170.	2.6	107

#	ARTICLE	IF	CITATIONS
1399	Using river microalgae as indicators for freshwater biomonitoring: Review of published research and future directions. <i>Ecological Indicators</i> , 2017, 81, 124-131.	2.6	98
1400	Doing science that matters to address India's water crisis. <i>Resonance</i> , 2017, 22, 303-313.	0.2	3
1401	Diagnosing water security in the rural North with an environmental security framework. <i>Journal of Environmental Management</i> , 2017, 199, 91-98.	3.8	28
1402	Experimental floods: A new era for Spanish and Mediterranean rivers?. <i>Environmental Science and Policy</i> , 2017, 75, 10-18.	2.4	9
1403	Possible pathways and tensions in the food and water nexus. <i>Earth's Future</i> , 2017, 5, 449-462.	2.4	37
1404	Three-dimensional interconnected mesoporous anatase TiO ₂ exhibiting unique photocatalytic performances. <i>Applied Catalysis B: Environmental</i> , 2017, 217, 293-302.	10.8	45
1405	Reconstructing the natural distribution of individual unionid mussel species and species diversity in wadeable streams of Illinois, USA, with reference to stream bioassessment. <i>Freshwater Science</i> , 2017, 36, 669-682.	0.9	9
1406	Urban and rural river restoration in France: a typology. <i>Restoration Ecology</i> , 2017, 25, 994-1004.	1.4	24
1407	Functional ecology of fish: current approaches and future challenges. <i>Aquatic Sciences</i> , 2017, 79, 783-801.	0.6	270
1408	Assessing the impacts of reservoir expansion using a population model for a threatened riverine fish. <i>Ecological Indicators</i> , 2017, 80, 204-214.	2.6	10
1409	Efficient Mercury Capture Using Functionalized Porous Organic Polymer. <i>Advanced Materials</i> , 2017, 29, 1700665.	11.1	255
1410	Effects of wood addition on stream benthic invertebrates differed among seasons at both habitat and reach scales. <i>Ecological Engineering</i> , 2017, 106, 116-123.	1.6	17
1411	A Global Assessment of Inland Wetland Conservation Status. <i>BioScience</i> , 2017, 67, 523-533.	2.2	152
1412	The scaling of population persistence with carrying capacity does not asymptote in populations of a fish experiencing extreme climate variability. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170826.	1.2	4
1413	Nutrients and phytoplankton in semienclosed lagoon systems in Florida Bay and their responses to changes in flow from Everglades restoration. <i>Limnology and Oceanography</i> , 2017, 62, S327.	1.6	21
1414	The Human Face of Water Security. <i>Water Security in A New World</i> , 2017, , .	0.1	3
1415	“The river is us; the river is in our veins” re-defining river restoration in three Indigenous communities. <i>Sustainability Science</i> , 2017, 12, 521-533.	2.5	63
1416	High-throughput amplicon sequencing and stream benthic bacteria: identifying the best taxonomic level for multiple-stressor research. <i>Scientific Reports</i> , 2017, 7, 44657.	1.6	33

#	ARTICLE	IF	CITATIONS
1417	Comparability of macroinvertebrate biomonitoring indices of river health derived from semi-quantitative and quantitative methodologies. <i>Ecological Indicators</i> , 2017, 78, 437-448.	2.6	23
1418	Sampling and comparing odonate assemblages by means of exuviae: statistical and methodological aspects. <i>Journal of Insect Conservation</i> , 2017, 21, 207-218.	0.8	13
1419	Biotic interactions modify multiple stressor effects on juvenile brown trout in an experimental stream food web. <i>Global Change Biology</i> , 2017, 23, 3882-3894.	4.2	31
1420	Water scarcity assessments in the past, present, and future. <i>Earth's Future</i> , 2017, 5, 545-559.	2.4	545
1421	Is there evidence for flow variability as an organism-level stressor in fluvial fish?. <i>Journal of Ecohydraulics</i> , 2017, 2, 68-83.	1.6	24
1422	Effects of area and available energy on fish assemblages of tropical streams. <i>Marine and Freshwater Research</i> , 2017, 68, 772.	0.7	2
1423	Impact of pre-oxidation using H ₂ O ₂ and ultraviolet/H ₂ O ₂ on disinfection byproducts generated from chlor(am)ination of chloramphenicol. <i>Chemical Engineering Journal</i> , 2017, 317, 112-118.	6.6	20
1424	Development of a multimetric index based on benthic macroinvertebrates for the assessment of urban stream health in Jinan City, China. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 205.	1.3	13
1425	A dynamic framework for water security. <i>Water Security</i> , 2017, 1, 12-20.	1.2	122
1426	Influence of disaster risk, exposure and water quality on vulnerability of surface water resources under a changing climate in the Haihe River basin. <i>Water International</i> , 2017, 42, 462-485.	0.4	9
1427	Decline of a giant salamander assessed with historical records, environmental ^{sc} DNA _{sc} and multi-scale habitat data. <i>Freshwater Biology</i> , 2017, 62, 967-976.	1.2	33
1428	Global scanning of antihistamines in the environment: Analysis of occurrence and hazards in aquatic systems. <i>Science of the Total Environment</i> , 2017, 592, 477-487.	3.9	87
1429	Responding to the "Wicked Problem"™ of Water Insecurity. <i>Water Resources Management</i> , 2017, 31, 3023-3041.	1.9	34
1430	Au-decorated sodium titanate nanotubes as high-performance selective photocatalysts for pollutant degradation. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 144002.	1.3	20
1431	Recovery from a fish kill in a semi-arid Australian river: Can stocking augment natural recruitment processes?. <i>Austral Ecology</i> , 2017, 42, 218-226.	0.7	26
1432	The filter feeder <i>Dreissena polymorpha</i> affects nutrient, silicon, and metal(loid) mobilization from freshwater sediments. <i>Chemosphere</i> , 2017, 174, 531-537.	4.2	7
1433	Key concepts for Integrated Urban Water Management infrastructure planning: Lessons from Melbourne. <i>Utilities Policy</i> , 2017, 45, 84-96.	2.1	43
1434	Modeling sediment mobilization using a distributed hydrological model coupled with a bank stability model. <i>Water Resources Research</i> , 2017, 53, 2051-2073.	1.7	18

#	ARTICLE	IF	CITATIONS
1435	Eight river principles for navigating the science-policy interface. <i>Marine and Freshwater Research</i> , 2017, 68, 401.	0.7	15
1436	Mapping of virtual water from wheat and rice consumption for India. <i>Sustainable Water Resources Management</i> , 2017, 3, 227-239.	1.0	0
1437	Recommendations for monitoring freshwater fishes in river restoration plans: A wasted opportunity for assessing impact. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2017, 27, 880-885.	0.9	14
1438	Rational design and synthesis of SnO ₂ -encapsulated γ -Fe ₂ O ₃ nanocubes as a robust and stable photo-Fenton catalyst. <i>Applied Catalysis B: Environmental</i> , 2017, 210, 23-33.	10.8	80
1439	Fluorographite modified PVDF membranes for seawater desalination via direct contact membrane distillation. <i>Desalination</i> , 2017, 413, 119-126.	4.0	68
1440	Optimizing withdrawal from drinking water reservoirs to reduce downstream temperature pollution and reservoir hypoxia. <i>Journal of Environmental Management</i> , 2017, 197, 96-105.	3.8	109
1441	Does dispersal capacity matter for freshwater biodiversity under climate change?. <i>Freshwater Biology</i> , 2017, 62, 382-396.	1.2	25
1442	Using optimization to develop a "designer" environmental flow regime. <i>Environmental Modelling and Software</i> , 2017, 88, 188-199.	1.9	49
1443	Investigation of the drought-flood abrupt alternation of streamflow in Poyang Lake catchment during the last 50 years. <i>Hydrology Research</i> , 2017, 48, 1402-1417.	1.1	22
1444	The effects of catchment and riparian forest quality on stream environmental conditions across a tropical rainforest and oil palm landscape in Malaysian Borneo. <i>Ecohydrology</i> , 2017, 10, e1827.	1.1	66
1445	Household susceptibility to hydrological change in the Lower Mekong Basin. <i>Natural Resources Forum</i> , 2017, 41, 3-17.	1.8	2
1446	Host-plant-based restoration as a potential tool to improve conservation status of odonate specialists. <i>Insect Conservation and Diversity</i> , 2017, 10, 151-160.	1.4	16
1447	Catchment land use-dependent effects of barrage fishponds on the functioning of headwater streams. <i>Environmental Science and Pollution Research</i> , 2017, 24, 5452-5468.	2.7	7
1448	Evolution of the societal value of water resources for economic development versus environmental sustainability in Australia from 1843 to 2011. <i>Global Environmental Change</i> , 2017, 42, 82-92.	3.6	65
1449	Uncertainty based assessment of dynamic freshwater scarcity in semi-arid watersheds of Alberta, Canada. <i>Journal of Hydrology: Regional Studies</i> , 2017, 9, 48-68.	1.0	47
1450	Pan-Arctic river discharge: Prioritizing monitoring of future climate change hot spots. <i>Earth's Future</i> , 2017, 5, 72-92.	2.4	59
1451	Mitigating the effects of barriers to freshwater fish migrations: the Australian experience. <i>Marine and Freshwater Research</i> , 2017, 68, 614.	0.7	66
1452	Looking Beyond the Fenceline: Assessing Protection Gaps for the World's Rivers. <i>Conservation Letters</i> , 2017, 10, 384-394.	2.8	85

#	ARTICLE	IF	CITATIONS
1453	Labyrinths in large reservoirs: An invisible barrier to fish migration and the solution through reservoir operation. <i>Water Resources Research</i> , 2017, 53, 817-831.	1.7	45
1454	Pairing micropollutants and clay-composite sorbents for efficient water treatment: Filtration and modeling at a pilot scale. <i>Applied Clay Science</i> , 2017, 137, 225-232.	2.6	17
1455	Trait-based prediction of extinction risk of small-bodied freshwater fishes. <i>Conservation Biology</i> , 2017, 31, 581-591.	2.4	28
1456	Managing military involvement in emergency preparedness in developed countries. <i>Journal of Humanitarian Logistics and Supply Chain Management</i> , 2017, 7, 350-374.	1.7	4
1457	Using markets to leverage investment in forest and landscape restoration in the tropics. <i>Forest Policy and Economics</i> , 2017, 85, 103-113.	1.5	68
1458	Strong impact of anthropogenic contamination on the co-occurrence patterns of a riverine microbial community. <i>Environmental Microbiology</i> , 2017, 19, 4993-5009.	1.8	213
1459	Diversity and succession of pelagic microorganism communities in a newly restored Illinois River floodplain lake. <i>Hydrobiologia</i> , 2017, 804, 35-58.	1.0	12
1460	Improving governance in transboundary cooperation in water and climate change adaptation. <i>Water Policy</i> , 2017, 19, 1014-1029.	0.7	12
1461	A global database on freshwater fish species occurrence in drainage basins. <i>Scientific Data</i> , 2017, 4, 170141.	2.4	145
1462	Livestock production and the water challenge of future food supply: Implications of agricultural management and dietary choices. <i>Global Environmental Change</i> , 2017, 47, 121-132.	3.6	34
1463	Odonata community structure and patterns of land use in the Atewa Range Forest Reserve, Eastern Region (Ghana). <i>International Journal of Odonatology</i> , 2017, 20, 173-189.	0.5	19
1464	The security of water in Asia and the Pacific. <i>Critical Studies on Security</i> , 2017, 5, 253-269.	0.9	0
1465	Rational design of hierarchical macroporous-mesoporous magnesium silicate for highly efficient removal of organic dye and Pb ²⁺ . <i>RSC Advances</i> , 2017, 7, 47225-47234.	1.7	16
1466	Quality matters for water scarcity. <i>Nature Geoscience</i> , 2017, 10, 800-802.	5.4	181
1467	Subcatchment deltas and upland features influence multiscale aquatic ecosystem recovery in damaged landscapes. <i>Ecological Applications</i> , 2017, 27, 2249-2261.	1.8	3
1468	Quantifying Anthropogenic Stress on Groundwater Resources. <i>Scientific Reports</i> , 2017, 7, 12910.	1.6	87
1469	New taxa of freshwater mussels (Unionidae) from a species-rich but overlooked evolutionary hotspot in Southeast Asia. <i>Scientific Reports</i> , 2017, 7, 11573.	1.6	67
1470	Meta-analysis of environmental effects of beaver in relation to artificial dams. <i>Environmental Research Letters</i> , 2017, 12, 113002.	2.2	46

#	ARTICLE	IF	CITATIONS
1471	Meeting ecosystem needs while satisfying human demands. <i>Environmental Research Letters</i> , 2017, 12, 061001.	2.2	4
1472	Effect of Algal Cell Immobilization Technique on Sequencing Batch Reactors for Sewage Wastewater Treatment. <i>International Journal of Environmental Research</i> , 2017, 11, 603-611.	1.1	7
1473	The environmental cost of a reference withdrawal from surface waters: Definition and geography. <i>Advances in Water Resources</i> , 2017, 110, 228-237.	1.7	10
1474	Electrodeposition preparation of Ce-doped Ti/SnO ₂ -Sb electrodes by using selected addition agents for efficient electrocatalytic oxidation of methylene blue in water. <i>Separation and Purification Technology</i> , 2017, 189, 459-466.	3.9	61
1475	Chemical activity and distribution of emerging pollutants: Insights from a multi-compartment analysis of a freshwater system. <i>Environmental Pollution</i> , 2017, 231, 339-347.	3.7	29
1476	The ecological integrity of the Lower Olifants River, Limpopo province, South Africa: 2009â€“2015 â€“ Part A: Olifants River main stem. <i>African Journal of Aquatic Science</i> , 2017, 42, 171-179.	0.5	4
1477	Ecological uniqueness of stream and lake diatom communities shows different macroecological patterns. <i>Diversity and Distributions</i> , 2017, 23, 1042-1053.	1.9	63
1478	Integrating within-catchment and interbasin connectivity in riverine and nonriverine freshwater conservation planning in the North China Plain. <i>Journal of Environmental Management</i> , 2017, 204, 1-11.	3.8	8
1479	The causes and ecological correlates of head scale asymmetry and fragmentation in a tropical snake. <i>Scientific Reports</i> , 2017, 7, 11363.	1.6	6
1480	Responses of microbial decomposers to drought in streams may depend on the environmental context. <i>Environmental Microbiology Reports</i> , 2017, 9, 756-765.	1.0	18
1481	Environmental <scp>DNA</scp> metabarcoding: Transforming how we survey animal and plant communities. <i>Molecular Ecology</i> , 2017, 26, 5872-5895.	2.0	1,210
1482	Global scanning assessment of calcium channel blockers in the environment: Review and analysis of occurrence, ecotoxicology and hazards in aquatic systems. <i>Chemosphere</i> , 2017, 189, 466-478.	4.2	47
1483	The roles of geographic distance and socioeconomic factors on international collaboration among ecologists. <i>Scientometrics</i> , 2017, 113, 1539-1550.	1.6	36
1484	The Environmental Water Management Cycle. , 2017, , 3-16.		8
1485	Environmental and Ecological Effects of Flow Alteration in Surface Water Ecosystems. , 2017, , 65-82.		26
1486	Geomorphological Effects of Flow Alteration on Rivers. , 2017, , 83-100.		2
1487	Climatic vulnerability of the worldâ€™s freshwater and marine fishes. <i>Nature Climate Change</i> , 2017, 7, 718-722.	8.1	217
1489	Vulnerability Evaluation from 1995 to 2016 in Central Dry Zone Area of Myanmar. <i>International Journal of Engineering Research in Africa</i> , 2017, 32, 139-154.	0.7	5

#	ARTICLE	IF	CITATIONS
1490	Reservoir operations under climate change: Storage capacity options to mitigate risk. <i>Journal of Hydrology</i> , 2017, 555, 435-446.	2.3	198
1491	Current limitations of global conservation to protect higher vulnerability and lower resilience fish species. <i>Scientific Reports</i> , 2017, 7, 7702.	1.6	18
1492	GRACE satellite observations reveal the severity of recent water over-consumption in the United States. <i>Scientific Reports</i> , 2017, 7, 8723.	1.6	25
1493	Diverse Approaches to Implement and Monitor River Restoration: A Comparative Perspective in France and Germany. <i>Environmental Management</i> , 2017, 60, 931-946.	1.2	35
1494	Reconciling irrigated food production with environmental flows for Sustainable Development Goals implementation. <i>Nature Communications</i> , 2017, 8, 15900.	5.8	168
1495	River networks dampen long-term hydrological signals of climate change. <i>Geophysical Research Letters</i> , 2017, 44, 7256-7264.	1.5	28
1496	Density dependence governs when population responses to multiple stressors are magnified or mitigated. <i>Ecology</i> , 2017, 98, 2673-2683.	1.5	28
1497	Comprehensive study on parameter sensitivity for flow and nutrient modeling in the Hydrological Simulation Program Fortran model. <i>Environmental Science and Pollution Research</i> , 2017, 24, 20982-20994.	2.7	11
1498	Assessment of SMAP soil moisture for global simulation of gross primary production. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 1549-1563.	1.3	44
1499	Restoring rivers and floodplains: Hydrology and sediments as drivers of change. <i>Ecohydrology</i> , 2017, 10, e1884.	1.1	9
1500	Nutritional support of inland aquatic food webs by aged carbon and organic matter. <i>Limnology and Oceanography Letters</i> , 2017, 2, 131-149.	1.6	17
1501	Thermally evolved and boron bridged graphene oxide (GO) frameworks constructed on microporous hollow fiber substrates for water and organic matters separation. <i>Carbon</i> , 2017, 123, 193-204.	5.4	19
1502	Interbasin water transfer for the rehabilitation of a transboundary Mediterranean stream: An economic analysis. <i>Journal of Environmental Management</i> , 2017, 202, 276-286.	3.8	17
1503	Water footprint of Jing-Jin-Ji urban agglomeration in China. <i>Journal of Cleaner Production</i> , 2017, 167, 919-928.	4.6	87
1504	Advancing human capabilities for water security: A relational approach. <i>Water Security</i> , 2017, 1, 46-52.	1.2	154
1505	Water security, risk, and economic growth: Insights from a dynamical systems model. <i>Water Resources Research</i> , 2017, 53, 6425-6438.	1.7	59
1506	The impacts of urbanisation and climate change on urban flooding and urban water quality: A review of the evidence concerning the United Kingdom. <i>Journal of Hydrology: Regional Studies</i> , 2017, 12, 345-362.	1.0	359
1507	Relationship of fish indices with sampling effort and land use change in a large Mediterranean river. <i>Science of the Total Environment</i> , 2017, 605-606, 1055-1063.	3.9	18

#	ARTICLE	IF	CITATIONS
1508	Environmental Characteristics Associated with Settlement of Reintroduced Chinese Giant Salamanders. <i>Journal of Herpetology</i> , 2017, 51, 417-424.	0.2	4
1509	Freshwater Vulnerability beyond Local Water Stress: Heterogeneous Effects of Water-Electricity Nexus Across the Continental United States. <i>Environmental Science & Technology</i> , 2017, 51, 9899-9910.	4.6	38
1510	Addressing rainfall data selection uncertainty using connections between rainfall and streamflow. <i>Scientific Reports</i> , 2017, 7, 219.	1.6	16
1511	Trends in biomarkers, biotic indices, and fish population size revealed contrasting long-term effects of recycled water on the ecological status of a Mediterranean river. <i>Ecotoxicology and Environmental Safety</i> , 2017, 145, 340-348.	2.9	9
1512	The presence of non-native species is not associated with native fish sensitivity to water pollution in greatly hydrologically altered rivers. <i>Science of the Total Environment</i> , 2017, 607-608, 549-557.	3.9	13
1513	Applying Functional Traits to Ecogeomorphic Processes in Riparian Ecosystems. <i>BioScience</i> , 2017, 67, 729-743.	2.2	43
1514	Main potential drivers of trout population dynamics in bypassed stream sections. <i>Ecology of Freshwater Fish</i> , 2017, 26, 336-346.	0.7	6
1515	An improved macroinvertebrate multimetric index for the assessment of wadeable streams in the neotropical savanna. <i>Ecological Indicators</i> , 2017, 81, 514-525.	2.6	72
1516	Metabolomics reveal physiological changes in mayfly larvae (<i>Neocloeon triangulifer</i>) at ecological upper thermal limits. <i>Journal of Insect Physiology</i> , 2017, 101, 107-112.	0.9	15
1517	Enhancing the assessment of critical resource use at the country level with the SCARCE method – Case study of Germany. <i>Resources Policy</i> , 2017, 53, 283-299.	4.2	33
1518	Pesticide occurrence in the waters of JÃ©car River, Spain from different farming landscapes. <i>Science of the Total Environment</i> , 2017, 607-608, 752-760.	3.9	56
1519	Environmentally relevant concentrations of herbicides impact non-target species at multiple sublethal endpoints. <i>Science of the Total Environment</i> , 2017, 607-608, 733-743.	3.9	41
1520	Assessing water scarcity in agricultural production system based on the generalized water resources and water footprint framework. <i>Science of the Total Environment</i> , 2017, 609, 587-597.	3.9	139
1521	Examining gradients in ecosystem novelty: fish assemblage structure in an invaded Everglades canal system. <i>Ecosphere</i> , 2017, 8, e01634.	1.0	10
1522	Trivalent metal cation cross-linked graphene oxide membranes for NOM removal in water treatment. <i>Journal of Membrane Science</i> , 2017, 542, 31-40.	4.1	91
1523	Do lentic and lotic communities respond similarly to drying?. <i>Ecosphere</i> , 2017, 8, e01809.	1.0	31
1524	Ecotoxicological risk assessment and seasonal variation of some pharmaceuticals and personal care products in the sewage treatment plant and surface water bodies (lakes). <i>Environmental Monitoring and Assessment</i> , 2017, 189, 446.	1.3	69
1525	The freshwater landscape: lake, wetland, and stream abundance and connectivity at macroscales. <i>Ecosphere</i> , 2017, 8, e01911.	1.0	52

#	ARTICLE	IF	CITATIONS
1527	Latitude and lake size are important predictors of overlake atmospheric stability. <i>Geophysical Research Letters</i> , 2017, 44, 8875-8883.	1.5	31
1528	Management and rehabilitation of aquatic ecosystems: introduction and synthesis. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2017, 51, 1-6.	0.8	3
1529	Macroinvertebrates on the front lines: projected community response to temperature and precipitation changes in Mediterranean streams. <i>Journal of Freshwater Ecology</i> , 2017, 32, 513-528.	0.5	9
1530	Conserving threatened riparian ecosystems in the American West: Precipitation gradients and river networks drive genetic connectivity and diversity in a foundation riparian tree (<i>Populus) Tj ETQq1 1 0.784314 rgbT /Overlook 10 T 5	1.0	10
1531	Dragonflies as flagships for sustainable use of water resources in environmental education. <i>Applied Environmental Education and Communication</i> , 2017, 16, 196-209.	0.6	18
1532	Designing river flows to improve food security futures in the Lower Mekong Basin. <i>Science</i> , 2017, 358, .	6.0	176
1533	Can dams be designed for sustainability?. <i>Science</i> , 2017, 358, 1252-1253.	6.0	65
1534	Low-cost pH, temperature and ion concentration sensors utilizing laser machined touch panel film. , 2017, , .		2
1535	Use of U.S. Census Bureau Data to Expose Students to Dynamic Population Growth. <i>American Biology Teacher</i> , 2017, 79, 572-577.	0.1	0
1536	Biodiversity recovery following delta-wide measures for flood risk reduction. <i>Science Advances</i> , 2017, 3, e1602762.	4.7	17
1537	Inland fisheries â€“ Invisible but integral to the UN Sustainable Development Agenda for ending poverty by 2030. <i>Global Environmental Change</i> , 2017, 47, 167-173.	3.6	91
1538	Environmental flows all at sea? Charting a new course through choppy waters. <i>Journal of Ecohydraulics</i> , 2017, 2, 85-87.	1.6	3
1539	Morphological plasticity in a native freshwater fish from semiarid Australia in response to variable water flows. <i>Ecology and Evolution</i> , 2017, 7, 6595-6605.	0.8	23
1540	Evaluating a lightâ€“louver system for behavioural guidance of ageâ€“0 white sturgeon. <i>River Research and Applications</i> , 2017, 33, 1286-1294.	0.7	10
1541	Exceptional body sizeâ€“extinction risk relations shed new light on the freshwater biodiversity crisis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10263-E10264.	3.3	16
1542	Odonata (Insecta) as a tool for the biomonitoring of environmental quality. <i>Ecological Indicators</i> , 2017, 81, 555-566.	2.6	100
1543	The screening of organic matter in mineral and tap water by UHPLC-HRMS. <i>Talanta</i> , 2017, 174, 581-586.	2.9	8
1544	Temporal fish community responses to two cascade runâ€“ofâ€“river dams in the <sc>Madeira River</sc>, <sc>Amazon</sc> basin. <i>Ecohydrology</i> , 2017, 10, e1889.	1.1	34

#	ARTICLE	IF	CITATIONS
1545	Productivity and Connectivity in Tropical Riverscapes of Northern Australia: Ecological Insights for Management. <i>Ecosystems</i> , 2017, 20, 492-514.	1.6	44
1546	Non-additive effects of dispersal and selective stress on structure, evenness, and biovolume production in marine diatom communities. <i>Hydrobiologia</i> , 2017, 788, 385-396.	1.0	4
1547	Evaluating four downscaling methods for assessment of climate change impact on ecological indicators. <i>Environmental Modelling and Software</i> , 2017, 96, 68-82.	1.9	25
1548	Comprehensive assessment of dam impacts on flow regimes with consideration of interannual variations. <i>Journal of Hydrology</i> , 2017, 552, 447-459.	2.3	25
1549	Development of a bioanalytical test battery for water quality monitoring: Fingerprinting identified micropollutants and their contribution to effects in surface water. <i>Water Research</i> , 2017, 123, 734-750.	5.3	179
1550	Silver nanoparticle decorated cellulose nanofibrous membrane with good antibacterial ability and high water permeability. <i>Applied Materials Today</i> , 2017, 9, 130-135.	2.3	37
1551	Modeling landscape condition for biodiversity assessment—Application in temperate North America. <i>Ecological Indicators</i> , 2017, 82, 206-216.	2.6	25
1552	Fabrication of loose inner-selective polyethersulfone (PES) hollow fibers by one-step spinning process for nanofiltration (NF) of textile dyes. <i>Journal of Membrane Science</i> , 2017, 541, 413-424.	4.1	71
1553	Four dimensions of water security with a case of the indirect role of water in global food security. <i>Water Security</i> , 2017, 1, 36-45.	1.2	45
1554	Seasonal and spatial variations of prokaryoplankton communities in a salinity-influenced watershed, China. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	1.3	12
1555	An Evolutionary Perspective on Water Governance: From Understanding to Transformation. <i>Water Resources Management</i> , 2017, 31, 2917-2932.	1.9	88
1556	Fear, anger and responsibility: the emotional content of historical speeches about water and water policy. <i>Water History</i> , 2017, 9, 317-336.	0.5	3
1557	Groundwater declines are linked to changes in Great Plains stream fish assemblages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7373-7378.	3.3	89
1558	Freshwater science for the benefit of society: a perspective from early career researchers. <i>Inland Waters</i> , 2017, 7, 227-235.	1.1	1
1559	The effectiveness of spawning habitat creation or enhancement for substrate spawning temperate fish: a systematic review protocol. <i>Environmental Evidence</i> , 2017, 6, .	1.1	8
1560	Effects of landuse intensification on stream basal resources and invertebrate communities. <i>Freshwater Science</i> , 2017, 36, 609-625.	0.9	20
1561	When good animals love bad restored habitats: how maladaptive habitat selection can constrain restoration. <i>Journal of Applied Ecology</i> , 2017, 54, 1478-1486.	1.9	60
1562	Experimental and theoretical investigations on water desalination using direct contact membrane distillation. <i>Desalination</i> , 2017, 404, 22-34.	4.0	156

#	ARTICLE	IF	CITATIONS
1563	The importance of small waterbodies for biodiversity and ecosystem services: implications for policy makers. <i>Hydrobiologia</i> , 2017, 793, 3-39.	1.0	332
1564	Are Urban Stream Restoration Plans Worth Implementing?. <i>Environmental Management</i> , 2017, 59, 10-20.	1.2	19
1565	Widespread, routine occurrence of pharmaceuticals in sewage effluent, combined sewer overflows and receiving waters. <i>Environmental Pollution</i> , 2017, 220, 1447-1455.	3.7	95
1566	Towards understanding the integrative approach of the water, energy and food nexus. <i>Science of the Total Environment</i> , 2017, 574, 1131-1139.	3.9	240
1567	Strategies for sustainable nutrient management: insights from a mixed natural and social science analysis of Chinese crop production systems. <i>Environmental Development</i> , 2017, 21, 52-65.	1.8	17
1568	A power free electrodialysis (PFED) for desalination. <i>Desalination</i> , 2017, 404, 138-146.	4.0	64
1569	Effective and selective removal of aromatic amines from water by Cu ²⁺ -treated chitosan/alumina nanocomposite. <i>Adsorption Science and Technology</i> , 2017, 35, 218-240.	1.5	13
1570	Fine-scale determinants of conservation value of river reaches in a hotspot of native and non-native species diversity. <i>Science of the Total Environment</i> , 2017, 574, 455-466.	3.9	28
1571	Identification of Priority Areas for the Conservation of Stream Fish Assemblages: Implications for River Management in France. <i>River Research and Applications</i> , 2017, 33, 524-537.	0.7	19
1572	Response diversity, nonnative species, and disassembly rules buffer freshwater ecosystem processes from anthropogenic change. <i>Global Change Biology</i> , 2017, 23, 1871-1880.	4.2	36
1573	Analysis of multi-dimensional hydrological alterations under climate change for four major river basins in different climate zones. <i>Climatic Change</i> , 2017, 141, 483-498.	1.7	81
1574	Vulnerability Assessment to Support Integrated Water Resources Management of Metropolitan Water Supply Systems. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2017, 143, .	1.3	20
1575	Integrating and extending ecological river assessment: Concept and test with two restoration projects. <i>Ecological Indicators</i> , 2017, 72, 131-141.	2.6	35
1576	Missing the Boat on Freshwater Fish Conservation in California. <i>Conservation Letters</i> , 2017, 10, 77-85.	2.8	47
1577	Latin American protected areas: Protected from chemical pollution?. <i>Integrated Environmental Assessment and Management</i> , 2017, 13, 360-370.	1.6	17
1578	Improving Hydrodynamic Modelling: an Analytical Framework for Assessment of Two-Dimensional Hydrodynamic Models. <i>River Research and Applications</i> , 2017, 33, 170-181.	0.7	20
1579	Quantifying salinity-induced changes on estuarine benthic fauna: The potential implications of climate change. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 198, 610-625.	0.9	41
1580	Temporal and spatial variation of nitrogen and phosphorus and eutrophication assessment for a typical arid river – Fuyang River in northern China. <i>Journal of Environmental Sciences</i> , 2017, 55, 41-48.	3.2	95

#	ARTICLE	IF	CITATIONS
1581	Large-scale patterns of fish diversity and assemblage structure in the longest tropical river in Asia. <i>Ecology of Freshwater Fish</i> , 2017, 26, 575-585.	0.7	34
1582	Synthetic Flows for Engineered Systems with Nonstationary Parameters: Study of Maui's Wailoa Ditch. <i>Journal of Hydrologic Engineering - ASCE</i> , 2017, 22, .	0.8	1
1583	Essential Biodiversity Variables for measuring change in global freshwater biodiversity. <i>Biological Conservation</i> , 2017, 213, 272-279.	1.9	114
1584	Cross-linked graphene oxide membrane having high ion selectivity and antibacterial activity prepared using tannic acid-functionalized graphene oxide and polyethyleneimine. <i>Journal of Membrane Science</i> , 2017, 521, 1-9.	4.1	195
1585	Hydraulic visibility: Using satellite altimetry to parameterize a hydraulic model of an ungauged reach of a braided river. <i>Hydrological Processes</i> , 2017, 31, 756-767.	1.1	45
1586	Nutrients, emerging pollutants and pesticides in a tropical urban reservoir: Spatial distributions and risk assessment. <i>Science of the Total Environment</i> , 2017, 575, 1307-1324.	3.9	92
1587	A comprehensive analysis of blue water scarcity from the production, consumption, and water transfer perspectives. <i>Ecological Indicators</i> , 2017, 72, 870-880.	2.6	60
1588	Water resources stress assessment and risk early warning—a case of Hebei Province China. <i>Ecological Indicators</i> , 2017, 73, 358-368.	2.6	33
1589	Reducing future river export of nutrients to coastal waters of China in optimistic scenarios. <i>Science of the Total Environment</i> , 2017, 579, 517-528.	3.9	52
1590	Geography of global change and species richness in the North. <i>Environmental Reviews</i> , 2017, 25, 184-192.	2.1	25
1591	Fish larvae diversity in a conservation area of a neotropical floodplain: influence of temporal and spatial scales. <i>Hydrobiologia</i> , 2017, 787, 141-152.	1.0	14
1592	Sterols indicate water quality and wastewater treatment efficiency. <i>Water Research</i> , 2017, 108, 401-411.	5.3	20
1593	Efficient Removal of Heavy Metal Ions with An EDTA Functionalized Chitosan/Polyacrylamide Double Network Hydrogel. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 843-851.	3.2	177
1594	An integrated assessment framework for the analysis of multiple pressures in aquatic ecosystems and the appraisal of management options. <i>Science of the Total Environment</i> , 2017, 575, 1477-1488.	3.9	29
1595	The GEO Handbook on Biodiversity Observation Networks. , 2017, , .		35
1596	Mitigation of diffuse water pollution from agriculture in England and China, and the scope for policy transfer. <i>Land Use Policy</i> , 2017, 61, 208-219.	2.5	34
1597	Water use in a riparian cottonwood ecosystem: Eddy covariance measurements and scaling along a river corridor. <i>Agricultural and Forest Meteorology</i> , 2017, 232, 332-348.	1.9	28
1598	Leaf-litter breakdown as an indicator of the impacts by flow regulation in headwater streams: Responses across climatic regions. <i>Ecological Indicators</i> , 2017, 73, 11-22.	2.6	12

#	ARTICLE	IF	CITATIONS
1599	Subtle physiological and morphological differences explain ecological success of sympatric congeners. <i>Ecosphere</i> , 2017, 8, e01988.	1.0	9
1600	Water and growth: An econometric analysis of climate and policy impacts. <i>Water Resources Research</i> , 2017, 53, 5124-5136.	1.7	15
1601	Land-Sparing Opportunities for Solar Energy Development in Agricultural Landscapes: A Case Study of the Great Central Valley, CA, United States. <i>Environmental Science & Technology</i> , 2017, 51, 14472-14482.	4.6	64
1602	Hydrological services in the Atlantic Forest, Brazil: An ecosystem-based adaptation using ecohydrological monitoring. <i>Climate Services</i> , 2017, 8, 1-16.	1.0	38
1603	Functional redundancy and sensitivity of fish assemblages in European rivers, lakes and estuarine ecosystems. <i>Scientific Reports</i> , 2017, 7, 17611.	1.6	35
1604	Effect of large weirs on abundance and diversity of migratory <i>Labeobarbus</i> species in tributaries of Lake Tana, Ethiopia. <i>African Journal of Aquatic Science</i> , 2017, 42, 367-373.	0.5	17
1605	Beyond zero sum game allocations: expanding resources potentials through reduced interdependencies and increased resource nexus synergies. <i>Current Opinion in Chemical Engineering</i> , 2017, 18, 84-89.	3.8	11
1606	Editorial: Aquatic conservation and the World Water Forum. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2017, 27, 1064-1068.	0.9	1
1607	Synthesis of public water supply use in the United States: Spatio-temporal patterns and socio-economic controls. <i>Earth's Future</i> , 2017, 5, 771-788.	2.4	33
1608	Freshwater Megafauna: Flagships for Freshwater Biodiversity under Threat. <i>BioScience</i> , 2017, 67, 919-927.	2.2	68
1609	Disturbance Hydrology: Preparing for an Increasingly Disturbed Future. <i>Water Resources Research</i> , 2017, 53, 10007-10016.	1.7	33
1610	Leaf litter additions enhance stream metabolism, denitrification, and restoration prospects for agricultural catchments. <i>Ecosphere</i> , 2017, 8, e02018.	1.0	25
1611	Water and Land Footprints and Economic Productivity as Factors in Local Crop Choice: The Case of Silk in Malawi. <i>Water (Switzerland)</i> , 2017, 9, 802.	1.2	15
1612	Effect of the revisit interval and temporal upscaling methods on the accuracy of remotely sensed evapotranspiration estimates. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 83-98.	1.9	34
1613	Lacustrine groundwater discharge. , 2017, , 34-47.		0
1614	Building Expertise in River Basin Modeling—Transfer of Knowledge from Australia to India. , 2017, , 305-319.		0
1615	Spatio-temporal dynamics of land use practices on rivers in tropical regions: A case study of Ruiru and Ndarugu Basins, Kiambu County, Kenya. <i>African Journal of Environmental Science and Technology</i> , 2017, 11, 426-437.	0.2	3
1616	Water Resources Planning and Management: An Overview. , 2017, , 1-49.		49

#	ARTICLE	IF	CITATIONS
1617	Effects of land use/land cover and climate changes on surface runoff in a semi-humid and semi-arid transition zone in northwest China. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 183-196.	1.9	154
1618	Hydrological threats to riparian wetlands of international importance – a global quantitative and qualitative analysis. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 2799-2815.	1.9	40
1619	Measurement of the Ecological Integrity of Cerrado Streams Using Biological Metrics and the Index of Habitat Integrity. <i>Insects</i> , 2017, 8, 10.	1.0	9
1620	Toward a Global Classification of Coastal Anthromes. <i>Land</i> , 2017, 6, 13.	1.2	17
1621	Assessment of Atmospheric Correction Methods for Sentinel-2 MSI Images Applied to Amazon Floodplain Lakes. <i>Remote Sensing</i> , 2017, 9, 322.	1.8	155
1622	Land Cover, Land Use, and Climate Change Impacts on Endemic Cichlid Habitats in Northern Tanzania. <i>Remote Sensing</i> , 2017, 9, 623.	1.8	17
1623	Automated Quantification of Surface Water Inundation in Wetlands Using Optical Satellite Imagery. <i>Remote Sensing</i> , 2017, 9, 807.	1.8	91
1624	Urban Recreational Fisheries in the Australian Coastal Zone: The Sustainability Challenge. <i>Sustainability</i> , 2017, 9, 422.	1.6	19
1625	A Review of the Economic, Social, and Environmental Impacts of China's South-North Water Transfer Project: A Sustainability Perspective. <i>Sustainability</i> , 2017, 9, 1489.	1.6	54
1626	The Impact of Pricing Policies on Irrigation Water for Agro-Food Farms in Ecuador. <i>Sustainability</i> , 2017, 9, 1515.	1.6	11
1627	Trade-Offs in Multi-Purpose Land Use under Land Degradation. <i>Sustainability</i> , 2017, 9, 2196.	1.6	24
1628	High Variability Is a Defining Component of Mediterranean-Climate Rivers and Their Biota. <i>Water (Switzerland)</i> , 2017, 9, 52.	1.2	82
1629	Linking Forest Cover to Water Quality: A Multivariate Analysis of Large Monitoring Datasets. <i>Water (Switzerland)</i> , 2017, 9, 176.	1.2	19
1630	Putting Flow-Ecology Relationships into Practice: A Decision-Support System to Assess Fish Community Response to Water-Management Scenarios. <i>Water (Switzerland)</i> , 2017, 9, 196.	1.2	21
1631	Transport of Conservative and "Smart" Tracers in a First-Order Creek: Role of Transient Storage Type. <i>Water (Switzerland)</i> , 2017, 9, 485.	1.2	7
1632	Managing Multiple Catchment Demands for Sustainable Water Use and Ecosystem Service Provision. <i>Water (Switzerland)</i> , 2017, 9, 677.	1.2	23
1633	Virtual Water Flows at the County Level in the Heihe River Basin, China. <i>Water (Switzerland)</i> , 2017, 9, 687.	1.2	9
1634	Water Management Reporting in the Agro-Food Sector in South Africa. <i>Water (Switzerland)</i> , 2017, 9, 830.	1.2	8

#	ARTICLE	IF	CITATIONS
1635	System Dynamics Modeling of Water Level Variations of Lake Issyk-Kul, Kyrgyzstan. <i>Water (Switzerland)</i> , 2017, 9, 989.	1.2	34
1636	Using genetics to prioritise headwater stream fish populations of the Marico barb, <i><i>Enteromius motebensis</i></i> Steindachner 1894, for conservation action. <i>Koedoe</i> , 2017, 59, .	0.3	0
1637	Environmental Water Regimes and Natural Capital. , 2017, , 151-171.		3
1638	Environmental Water Delivery. , 2017, , 563-598.		6
1639	Does Stream Size Really Explain Biodiversity Patterns in Lotic Systems? A Call for Mechanistic Explanations. <i>Diversity</i> , 2017, 9, 26.	0.7	33
1640	Reconstructed Inter-Annual Variation in Septemberâ€“October Precipitation for the Upper Reaches of the Heihe River and Its Implications for Regional Drought Conditions. <i>Forests</i> , 2017, 8, 256.	0.9	0
1641	Comprehensive Performance Evaluation for Hydrological and Nutrients Simulation Using the Hydrological Simulation Programâ€“Fortran in a Mesoscale Monsoon Watershed, China. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1599.	1.2	13
1642	Managing Rivers for Multiple Benefitsâ€“A Coherent Approach to Research, Policy and Planning. <i>Frontiers in Environmental Science</i> , 2017, 5, .	1.5	50
1643	Validation and Development of COI Metabarcoding Primers for Freshwater Macroinvertebrate Bioassessment. <i>Frontiers in Environmental Science</i> , 2017, 5, .	1.5	145
1644	Pressure-Induced Shifts in Trophic Linkages in a Simplified Aquatic Food Web. <i>Frontiers in Environmental Science</i> , 2017, 5, .	1.5	17
1645	Benthic Diatom Based Indices for Water Quality Assessment in Two Subtropical Streams. <i>Frontiers in Microbiology</i> , 2017, 8, 601.	1.5	48
1646	Water Quality and Public Health. , 2017, , 553-596.		6
1647	Regionalisation of freshwater fish assemblages in the Murrayâ€“Darling Basin, Australia. <i>Marine and Freshwater Research</i> , 2017, 68, 629.	0.7	3
1648	Responses of Streamflow to Climate Change and Human Activities in a River Basin, Northeast China. <i>Advances in Meteorology</i> , 2017, 2017, 1-9.	0.6	9
1649	Humanâ€“water interface in hydrological modelling: current status and future directions. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 4169-4193.	1.9	171
1650	Corruption risks, management practices, and performance in water service delivery in Kenya and Ghana: an agent-based model. <i>Ecology and Society</i> , 2017, 22, .	1.0	9
1651	River water quality changes in New Zealand over 26 years: response to land use intensity. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 1149-1171.	1.9	74
1652	Silica-Based Hollow Fiber Membrane for Water Treatment. , 2017, , 157-180.		1

#	ARTICLE	IF	CITATIONS
1653	Large Dam Development. , 2017, , .		3
1654	Biodiversity: The Non-natives Species Versus the Natives Species and Ecosystem Functioning. Journal of Biodiversity Bioprospecting and Development, 2017, 04, .	0.4	4
1655	Cities and Water Security in the Anthropocene: Research Challenges and Opportunities for International Relations. Contexto Internacional, 2017, 39, 521-544.	0.2	8
1656	Severity Multipliers as a Methodology to Explore Potential Effects of Climate Change on Stream Bioassessment Programs. Water (Switzerland), 2017, 9, 188.	1.2	2
1657	The Human Threat to River Ecosystems at the Watershed Scale: An Ecological Security Assessment of the Songhua River Basin, Northeast China. Water (Switzerland), 2017, 9, 219.	1.2	23
1658	Compilation and Validation of SAR and Optical Data Products for a Complete and Global Map of Inland/Ocean Water Tailored to the Climate Modeling Community. Remote Sensing, 2017, 9, 36.	1.8	74
1659	Stakeholders’ frames and ecosystem service use in the context of a debate over rebuilding or removing a dam in New Brunswick, Canada. Ecology and Society, 2017, 22, .	1.0	5
1660	Contaminant exposure effects in a changing climate: how multiple stressors can multiply exposure effects in the amphipod <i>Hyalella azteca</i> . Ecotoxicology, 2018, 27, 845-859.	1.1	25
1661	New approaches to enhance pollutant removal in artificially aerated wastewater treatment systems. Science of the Total Environment, 2018, 627, 1182-1194.	3.9	27
1662	Spatial variation, source identification, and quality assessment of surface water geochemical composition in the Indus River Basin, Pakistan. Environmental Science and Pollution Research, 2018, 25, 12749-12763.	2.7	43
1663	History, hydrology and hydraulics: Rethinking the ecological management of large rivers. Ecohydrology, 2018, 11, e1965.	1.1	50
1665	Projected effects of Climateâ€changeâ€induced flow alterations on stream macroinvertebrate abundances. Ecology and Evolution, 2018, 8, 3393-3409.	0.8	38
1666	More than range exposure: Global otter vulnerability to climate change. Biological Conservation, 2018, 221, 103-113.	1.9	41
1667	Water option contracts for climate change adaptation in Santiago, Chile. Water International, 2018, 43, 237-256.	0.4	23
1668	A macrophysiology approach to watershed science and management. Science of the Total Environment, 2018, 626, 434-440.	3.9	4
1669	Community assembly processes underlying phytoplankton and bacterioplankton across a hydrologic change in a human-impacted river. Science of the Total Environment, 2018, 630, 658-667.	3.9	108
1670	Drought intensification drives turnover of structure and function in stream invertebrate communities. Ecography, 2018, 41, 1992-2004.	2.1	46
1671	A unified model for optimizing riverscape conservation. Journal of Applied Ecology, 2018, 55, 1871-1883.	1.9	49

#	ARTICLE	IF	CITATIONS
1672	Treatment of organic pollutants by homogeneous and heterogeneous Fenton reaction processes. <i>Environmental Chemistry Letters</i> , 2018, 16, 947-967.	8.3	254
1673	Performance of biotic indices in comparison to chemical-based Water Quality Index (WQI) in evaluating the water quality of urban river. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 297.	1.3	19
1674	Variation among macroinvertebrate communities suggests the importance of conserving desert springs. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 944-953.	0.9	11
1675	Synthesis of mesoporous silica-calcium phosphate hybrid nanoparticles and their potential as efficient adsorbent for cadmium ions removal from aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2018, 525, 126-135.	5.0	26
1676	The Global Food-Energy-Water Nexus. <i>Reviews of Geophysics</i> , 2018, 56, 456-531.	9.0	446
1677	Potential Applications of Nanotechnology in Agriculture: Current Status and Future Aspects. , 2018, , 187-209.		2
1678	Global change effects on land management in the Mediterranean region. <i>Global Environmental Change</i> , 2018, 50, 238-254.	3.6	91
1679	Measuring scarce water saving from interregional virtual water flows in China. <i>Environmental Research Letters</i> , 2018, 13, 054012.	2.2	76
1680	Impact of genetically modified organisms on aquatic environments: Review of available data for the risk assessment. <i>Science of the Total Environment</i> , 2018, 635, 687-698.	3.9	14
1681	A freshwater conservation blueprint for California: prioritizing watersheds for freshwater biodiversity. <i>Freshwater Science</i> , 2018, 37, 417-431.	0.9	25
1682	Recent advances in environmental flows science and water management—Innovation in the Anthropocene. <i>Freshwater Biology</i> , 2018, 63, 1022-1034.	1.2	134
1683	Human Dimensions of Water Security. , 2018, , 13-36.		0
1684	Pesticide degradation and export losses at the catchment scale: Insights from compound-specific isotope analysis (CSIA). <i>Water Research</i> , 2018, 139, 198-207.	5.3	44
1685	Evaluating land ecological security and examining its relationships with driving factors using GIS and generalized additive model. <i>Science of the Total Environment</i> , 2018, 633, 1469-1479.	3.9	95
1686	Consequences of electroshock-induced narcosis in fish muscle: from mitochondria to swim performance. <i>Journal of Fish Biology</i> , 2018, 92, 1805-1818.	0.7	8
1687	Interactions among stressors may be weak: Implications for management of freshwater macroinvertebrate communities. <i>Diversity and Distributions</i> , 2018, 24, 939-950.	1.9	25
1688	Social Learning for Water Sector Resilience. , 2018, , 163-190.		3
1689	Post-cationic Modification of a Pyrimidine-Based Conjugated Microporous Polymer for Enhancing the Removal Performance of Anionic Dyes in Water. <i>Chemistry - A European Journal</i> , 2018, 24, 7480-7488.	1.7	71

#	ARTICLE	IF	CITATIONS
1690	Diversity and community structure of rapids-dwelling fishes of the Xingu River: Implications for conservation amid large-scale hydroelectric development. <i>Biological Conservation</i> , 2018, 222, 104-112.	1.9	48
1691	Evaluating riparian solutions to multiple stressor problems in river ecosystems – A conceptual study. <i>Water Research</i> , 2018, 139, 381-394.	5.3	105
1692	Assessing the extent and relative risk of aquatic stressors on stream macroinvertebrate assemblages in the neotropical savanna. <i>Science of the Total Environment</i> , 2018, 633, 179-188.	3.9	40
1693	Determining the macroinvertebrate community indicators and relevant environmental predictors of the Hun-Tai River Basin (Northeast China): A study based on community patterning. <i>Science of the Total Environment</i> , 2018, 634, 749-759.	3.9	23
1694	Habitat disruption and the identification and management of functional trait changes. <i>Fish and Fisheries</i> , 2018, 19, 716-728.	2.7	18
1695	Water Futures and Solutions: Options to Enhance Water Security in Sub-Saharan Africa. , 2018, , 93-111.		6
1696	Global Warming of Salmon and Trout Rivers in the Northwestern U.S.: Road to Ruin or Path Through Purgatory?. <i>Transactions of the American Fisheries Society</i> , 2018, 147, 566-587.	0.6	93
1697	Catchment zoning to enhance co-benefits and minimize trade-offs between ecosystem services and freshwater biodiversity conservation. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 1004-1014.	0.9	35
1698	Capturing expert uncertainty in spatial cumulative impact assessments. <i>Scientific Reports</i> , 2018, 8, 1469.	1.6	21
1699	Gridded global datasets for Gross Domestic Product and Human Development Index over 1990–2015. <i>Scientific Data</i> , 2018, 5, 180004.	2.4	337
1700	Trends in Biodiversity: Freshwater. , 2018, , 151-161.		13
1701	Functional graphene oxide membrane preparation for organics/inorganic salts mixture separation aiming at advanced treatment of refractory wastewater. <i>Science of the Total Environment</i> , 2018, 628-629, 261-270.	3.9	27
1702	Changing water system vulnerability in Western Australia's Wheatbelt region. <i>Applied Geography</i> , 2018, 91, 131-143.	1.7	6
1703	Forest cover correlates with good biological water quality. Insights from a regional study (Wallonia, Belgium). <i>Journal of Environmental Management</i> , 2018, 211, 9-21.	3.8	26
1704	Integrating the social, hydrological and ecological dimensions of freshwater health: The Freshwater Health Index. <i>Science of the Total Environment</i> , 2018, 627, 304-313.	3.9	96
1705	Towards Global Water Security: A Departure from the Status Quo?. <i>Water Resources Development and Management</i> , 2018, , 1-19.	0.3	6
1706	Response of a multi-stressed Mediterranean river to future climate and socio-economic scenarios. <i>Science of the Total Environment</i> , 2018, 627, 756-769.	3.9	36
1707	Justice, science, or collaboration: divergent perspectives on Indigenous cultural water in Australia's Murray–Darling Basin. <i>Water Policy</i> , 2018, 20, 235-251.	0.7	11

#	ARTICLE	IF	CITATIONS
1708	Ultrasound-electrospinning-assisted fabrication and sensing evaluation of a novel membrane as ultrasensitive sensor for copper (II) ions detection in aqueous environment. <i>Ultrasonics Sonochemistry</i> , 2018, 44, 152-161.	3.8	17
1709	Quantifying and predicting the benefits of environmental flows: Combining large-scale monitoring data and expert knowledge within hierarchical Bayesian models. <i>Freshwater Biology</i> , 2018, 63, 831-843.	1.2	21
1710	Groundwater governance in the Anthropocene: a close look at Costa Rica. <i>Water Policy</i> , 2018, 20, 475-489.	0.7	10
1711	Megatrends in Shared Waters in 2030 and Beyond. <i>Water Resources Development and Management</i> , 2018, , 105-123.	0.3	2
1712	Adapting to climate change in rapidly urbanizing river basins: insights from a multiple-concerns, multiple-stressors, and multi-level approach. <i>Water International</i> , 2018, 43, 281-304.	0.4	24
1713	A facile dip-coating method for the preparation of separable MoS ₂ sponges and their high-efficient adsorption behaviors of Rhodamine B. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 827-834.	3.0	39
1714	Water Stress from High-Volume Hydraulic Fracturing Potentially Threatens Aquatic Biodiversity and Ecosystem Services in Arkansas, United States. <i>Environmental Science & Technology</i> , 2018, 52, 2349-2358.	4.6	27
1715	Casting of a superhydrophobic membrane composed of polysulfone/Cera flava for improved desalination using a membrane distillation process. <i>RSC Advances</i> , 2018, 8, 1808-1819.	1.7	24
1716	Measurements and Observations in the XXI century (MOXXI): innovation and multi-disciplinarity to sense the hydrological cycle. <i>Hydrological Sciences Journal</i> , 2018, 63, 169-196.	1.2	151
1717	Thermal and hydrologic responses to climate change predict marked alterations in boreal stream invertebrate assemblages. <i>Global Change Biology</i> , 2018, 24, 2434-2446.	4.2	31
1718	Multi-scale Homogenization of Caddisfly Metacomunities in Human-modified Landscapes. <i>Environmental Management</i> , 2018, 61, 687-699.	1.2	7
1719	Adaptive Management of Environmental Flows. <i>Environmental Management</i> , 2018, 61, 339-346.	1.2	45
1720	Integrating environmental monitoring with cumulative effects management and decision making. <i>Integrated Environmental Assessment and Management</i> , 2018, 14, 407-417.	1.6	8
1721	Harmonious level indexing for ascertaining human-water relationships. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	6
1722	Quantitative study of the crop production water footprint using the SWAT model. <i>Ecological Indicators</i> , 2018, 89, 1-10.	2.6	65
1723	Impacts of deforestation-induced warming on the metabolism, growth and trophic interactions of an afro-tropical stream fish. <i>Functional Ecology</i> , 2018, 32, 1343-1357.	1.7	8
1724	The science of connected ecosystems: What is the role of catchment-scale connectivity for healthy river ecology?. <i>Land Degradation and Development</i> , 2018, 29, 1413-1426.	1.8	32
1725	Implications of indicator aggregation methods for global change vulnerability reduction efforts. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2018, 23, 1109-1141.	1.0	14

#	ARTICLE	IF	CITATIONS
1726	Hydrology in the Anthropocene. , 2018, , 87-92.		3
1727	Acidity promotes degradation of multi-species environmental DNA in lotic mesocosms. Communications Biology, 2018, 1, 4.	2.0	219
1728	Tennant Concept Coupled with Standardized Precipitation Index for Environmental Flow Prediction from Rainfall. Journal of Hydrologic Engineering - ASCE, 2018, 23, .	0.8	8
1729	Conservation of freshwater bivalves at the global scale:Âdiversity, threats and research needs. Hydrobiologia, 2018, 810, 1-14.	1.0	241
1730	Macroinvertebrate communities in riverine systems of buffer areas of protected wildland, rangeland and city areas: implications for conservation of riverine systems on urbanising watersheds. Environmental Science and Pollution Research, 2018, 25, 758-770.	2.7	2
1731	Global impacts of the meat trade on in-stream organic river pollution: the importance of spatially distributed hydrological conditions. Environmental Research Letters, 2018, 13, 014013.	2.2	9
1732	Water Pollution, Human Health and Remediation. Energy, Environment, and Sustainability, 2018, , 11-27.	0.6	51
1733	Finding a â€œGolden Spikeâ€ to Mark the Anthropocene. , 2018, , 19-28.		0
1734	Migration and movement profiles of a potadromous fish (<i>Brachymystax lenok</i> Pallas 1773) in a highly connected river system (Mongolia). Ecology of Freshwater Fish, 2018, 27, 752-766.	0.7	6
1735	Unexpected spatial stability of water chemistry in headwater stream networks. Ecology Letters, 2018, 21, 296-308.	3.0	149
1736	Mapping watershed integrity for the conterminous United States. Ecological Indicators, 2018, 85, 1133-1148.	2.6	40
1737	Hybrid Electrochemical Desalination System Combined with an Oxidation Process. ACS Sustainable Chemistry and Engineering, 2018, 6, 1620-1626.	3.2	34
1738	Metacommunities in river networks: The importance of network structure and connectivity on patterns and processes. Freshwater Biology, 2018, 63, 1-5.	1.2	72
1739	Hydrological simulation and uncertainty analysis using the improved TOPMODEL in the arid Manas River basin, China. Scientific Reports, 2018, 8, 452.	1.6	34
1740	Impacts of booming concrete production on water resources worldwide. Nature Sustainability, 2018, 1, 69-76.	11.5	247
1741	Nonlinear higher order abiotic interactions explain riverine biodiversity. Journal of Biogeography, 2018, 45, 628-639.	1.4	29
1742	Socio-economic Failure Pathways. Global Issues in Water Policy, 2018, , 237-275.	0.1	0
1743	A versatile MOF-based trap for heavy metal ion capture and dispersion. Nature Communications, 2018, 9, 187.	5.8	543

#	ARTICLE	IF	CITATIONS
1744	Key factors influencing differences in stream water quality across space. <i>Wiley Interdisciplinary Reviews: Water</i> , 2018, 5, e1260.	2.8	173
1745	Determination of environmental flows in rivers using an integrated hydrological-hydrodynamic-habitat modelling approach. <i>Journal of Environmental Management</i> , 2018, 209, 273-285.	3.8	53
1746	Functional diversity measures revealed impacts of non-native species and habitat degradation on species-poor freshwater fish assemblages. <i>Science of the Total Environment</i> , 2018, 625, 861-871.	3.9	50
1747	Open storm: a complete framework for sensing and control of urban watersheds. <i>Environmental Science: Water Research and Technology</i> , 2018, 4, 346-358.	1.2	57
1748	Residential Water Consumption Modeling in the Integrated Urban Metabolism Analysis Tool (IUMAT). <i>Resources, Conservation and Recycling</i> , 2018, 131, 64-74.	5.3	20
1749	Pesticide load dynamics during stormwater flow events in Mediterranean coastal streams: Alexander stream case study. <i>Science of the Total Environment</i> , 2018, 625, 168-177.	3.9	25
1750	Alginate-Encapsulated Bacteria for the Treatment of Hypersaline Solutions in Microbial Fuel Cells. <i>ChemBioChem</i> , 2018, 19, 1162-1169.	1.3	26
1751	Nutrient dynamics and stream order influence microbial community patterns along a 2914 kilometer transect of the Mississippi River. <i>Limnology and Oceanography</i> , 2018, 63, 1837-1855.	1.6	48
1752	Cumulative ecological effects of a Neotropical reservoir cascade across multiple assemblages. <i>Hydrobiologia</i> , 2018, 819, 77-91.	1.0	47
1753	Properties of bacterial communities attached to artificial substrates in a hypereutrophic urban river. <i>AMB Express</i> , 2018, 8, 22.	1.4	9
1754	Adaptation of land management in the Mediterranean under scenarios of irrigation water use and availability. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2018, 23, 821-837.	1.0	42
1755	Global Ecology and Oceanography of Harmful Algal Blooms. <i>Ecological Studies</i> , 2018, , .	0.4	31
1756	A novel non-imprinted adsorbent with superior selectivity towards high-performance capture of Ag(I). <i>Chemical Engineering Journal</i> , 2018, 348, 224-231.	6.6	41
1757	Addressing spatio-temporal resolution constraints in Landsat and MODIS-based mapping of large-scale floodplain inundation dynamics. <i>Remote Sensing of Environment</i> , 2018, 211, 307-320.	4.6	34
1758	Co-evolutionary dynamics of the human-environment system in the Heihe River basin in the past 2000 years. <i>Science of the Total Environment</i> , 2018, 635, 412-422.	3.9	10
1759	Evaluating and managing environmental water regimes in a water-scarce and uncertain future. <i>Freshwater Biology</i> , 2018, 63, 733-737.	1.2	24
1760	Protecting and Restoring Biodiversity across the Freshwater, Coastal and Marine Realms: Is the existing EU policy framework fit for purpose?. <i>Environmental Policy and Governance</i> , 2018, 28, 114-128.	2.1	18
1761	Key Questions and Recent Research Advances on Harmful Algal Blooms in Relation to Nutrients and Eutrophication. <i>Ecological Studies</i> , 2018, , 229-259.	0.4	56

#	ARTICLE	IF	CITATIONS
1762	Changing Land-, Sea-, and Airscapes: Sources of Nutrient Pollution Affecting Habitat Suitability for Harmful Algae. <i>Ecological Studies</i> , 2018, , 53-76.	0.4	25
1764	Rivers are socialâ€œecological systems: Time to integrate human dimensions into riverscape ecology and management. <i>Wiley Interdisciplinary Reviews: Water</i> , 2018, 5, e1291.	2.8	63
1765	Basin risk explains patterns of macroinvertebrate community differences across small streams in the Fayetteville Shale, AR. <i>Ecological Indicators</i> , 2018, 91, 478-489.	2.6	4
1766	Quantifying Australia's dryland vegetation response to flooding and drought at sub-continental scale. <i>Remote Sensing of Environment</i> , 2018, 212, 60-78.	4.6	29
1767	Flood regimes driving vegetation and bird community transitions in semiarid floodplain woodlands. <i>Ecohydrology</i> , 2018, 11, e1954.	1.1	11
1768	Toward sustainable environmental quality: Identifying priority research questions for Latin America. <i>Integrated Environmental Assessment and Management</i> , 2018, 14, 344-357.	1.6	79
1769	Building Resilience for Uncertain Water Futures. , 2018, , .		7
1770	Fish Community Structure and Diet Responses to Newbury Weirs in a Low-Gradient River. <i>Environmental Management</i> , 2018, 61, 928-938.	1.2	0
1771	The discontinuity of environmental effects monitoring in the Lower Athabasca region of Alberta, Canada: institutional challenges to long-term monitoring and cumulative effects management. <i>Environmental Reviews</i> , 2018, 26, 169-180.	2.1	21
1772	Phosphorus transformations at the sedimentâ€œwater interface in shallow freshwater ecosystems caused by decomposition of plant debris. <i>Chemosphere</i> , 2018, 201, 328-334.	4.2	29
1773	From state to system: Financialization and the water-energy-food-climate nexus. <i>Geoforum</i> , 2018, 91, 151-159.	1.4	52
1774	Deriving spatially explicit water uses from land use change modelling results in four river basins across Europe. <i>Science of the Total Environment</i> , 2018, 628-629, 1079-1097.	3.9	7
1775	Effects of climate change on evapotranspiration over the Okavango Delta water resources. <i>Physics and Chemistry of the Earth</i> , 2018, 105, 98-103.	1.2	26
1776	Combined impacts of future land-use and climate stressors on water resources and quality in groundwater and surface waterbodies of the upper Thames river basin, UK. <i>Science of the Total Environment</i> , 2018, 631-632, 962-986.	3.9	57
1777	An eco-friendly highly stable and efficient Ni-C-S codoped wurtzite ZnO nanoplate: a smart photocatalyst for the quick removal of food dye under solar light irradiation. <i>Separation Science and Technology</i> , 2018, 53, 2456-2467.	1.3	5
1778	Climate and anthropogenic contributions to the desiccation of the second largest saline lake in the twentieth century. <i>Journal of Hydrology</i> , 2018, 560, 342-353.	2.3	116
1779	Pollution signature for temperate reef biodiversity is short and simple. <i>Marine Pollution Bulletin</i> , 2018, 130, 159-169.	2.3	22
1780	Ultrathin g-C₃N₄ nanosheets coupled with amorphous Cu-doped FeOOH nanoclusters as 2D/0D heterogeneous catalysts for water remediation. <i>Environmental Science: Nano</i> , 2018, 5, 1179-1190.	2.2	156

#	ARTICLE	IF	CITATIONS
1781	Phytotoxic effects of Cu, Cd and Zn on the seagrass <i>Thalassia hemprichii</i> and metal accumulation in plants growing in Xincun Bay, Hainan, China. <i>Ecotoxicology</i> , 2018, 27, 517-526.	1.1	34
1782	Biological, environmental and socioeconomic threats to citrus lime production. <i>Journal of Plant Diseases and Protection</i> , 2018, 125, 339-356.	1.6	26
1783	Stable isotopes of algae and macroinvertebrates in streams respond to watershed urbanization, inform management goals, and indicate food web relationships. <i>Ecological Indicators</i> , 2018, 90, 295-304.	2.6	19
1784	Exploring synergistic benefits of Water-Food-Energy Nexus through multi-objective reservoir optimization schemes. <i>Science of the Total Environment</i> , 2018, 633, 341-351.	3.9	87
1785	Factors influencing tropical Island freshwater fishes: species, status, threats and conservation in Hainan Island. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2018, , 6.	0.5	19
1786	A novel pathway for high performance RO membrane: Preparing active layer with decreased thickness and enhanced compactness by incorporating tannic acid into the support. <i>Journal of Membrane Science</i> , 2018, 555, 157-168.	4.1	88
1787	Response of the groundwater system in the Guanzhong Basin (central China) to climate change and human activities. <i>Hydrogeology Journal</i> , 2018, 26, 1429-1441.	0.9	50
1788	Assessment of the length of rainfall time series for rainwater harvesting in buildings. <i>Resources, Conservation and Recycling</i> , 2018, 133, 231-241.	5.3	22
1789	A partial least squares " Path modeling analysis for the understanding of biodiversity loss in rural and urban watersheds in Portugal. <i>Science of the Total Environment</i> , 2018, 626, 1069-1085.	3.9	57
1790	Restoring water quality in the polluted Turag-Tongi-Balu river system, Dhaka: Modelling nutrient and total coliform intervention strategies. <i>Science of the Total Environment</i> , 2018, 631-632, 223-232.	3.9	42
1791	Balancing Water Demand Needs with Protection of River Water Quality by Minimising Stream Residence Time: an Example from the Thames, UK. <i>Water Resources Management</i> , 2018, 32, 2561-2568.	1.9	7
1792	Preferences of age-0 white sturgeon for different colours and strobe rates of LED lights may inform behavioural guidance strategies. <i>Environmental Biology of Fishes</i> , 2018, 101, 667-674.	0.4	16
1793	Trajectories of river chemical quality issues over the Longue Durée: the Seine River (1900s-2010). <i>Environmental Science and Pollution Research</i> , 2018, 25, 23468-23484.	2.7	28
1794	Accelerated eutrophication and toxicity in tropical reservoir water and sediments: an ecotoxicological approach. <i>Environmental Science and Pollution Research</i> , 2018, 25, 13292-13311.	2.7	11
1795	Plants in aquatic ecosystems: current trends and future directions. <i>Hydrobiologia</i> , 2018, 812, 1-11.	1.0	94
1796	Enhanced ecosystem functioning following stream restoration: The roles of habitat heterogeneity and invertebrate species traits. <i>Journal of Applied Ecology</i> , 2018, 55, 377-385.	1.9	57
1797	Environmental risk assessment of selected organic chemicals based on TOC test and QSAR estimation models. <i>Journal of Environmental Sciences</i> , 2018, 64, 23-31.	3.2	13
1798	Patterns and drivers of aquatic invertebrate diversity across an arid biome. <i>Ecography</i> , 2018, 41, 375-387.	2.1	9

#	ARTICLE	IF	CITATIONS
1799	Managing Water Scarcity at a River Basin Scale with Economic Instruments. <i>Water Economics and Policy</i> , 2018, 04, 1750004.	0.3	25
1800	Dispersal in dendritic networks: Ecological consequences on the spatial distribution of population densities. <i>Freshwater Biology</i> , 2018, 63, 22-32.	1.2	66
1801	Modelling the Fate of Chemicals in the Environment and the Human Body. <i>Handbook of Environmental Chemistry</i> , 2018, , .	0.2	3
1802	Modelling the Fate of Chemicals in Surface Waters. <i>Handbook of Environmental Chemistry</i> , 2018, , 77-99.	0.2	0
1803	Risk assessment of precipitation extremes in northern Xinjiang, China. <i>Theoretical and Applied Climatology</i> , 2018, 132, 823-834.	1.3	8
1804	Sedimentary macrofossil records reveal ecological change in English lakes: implications for conservation. <i>Journal of Paleolimnology</i> , 2018, 60, 329-348.	0.8	19
1805	Identifying keystone habitats with a mosaic approach can improve biodiversity conservation in disturbed ecosystems. <i>Global Change Biology</i> , 2018, 24, 308-321.	4.2	28
1806	Impact of a dam on wintering waterbirds's habitat use. <i>Environmental Conservation</i> , 2018, 45, 307-314.	0.7	6
1807	Scaling range sizes to threats for robust predictions of risks to biodiversity. <i>Conservation Biology</i> , 2018, 32, 322-332.	2.4	31
1808	A Fuzzy Multi-Criteria Evaluation Method of Water Resource Security Based on Pressure-Status-Response Structure. , 2018, , 1186-1197.		2
1809	Synthesis of Al ₂ O ₃ /carbon composites from wastewater as superior adsorbents for Pb(II) and Cd(II) removal. <i>Microporous and Mesoporous Materials</i> , 2018, 255, 69-75.	2.2	32
1810	Assessing the ecological effects of water stress and pollution in a temporary river - Implications for water management. <i>Science of the Total Environment</i> , 2018, 618, 1591-1604.	3.9	53
1811	Blue-Green Water Nexus in Aquaculture for Resilience to Climate Change. <i>Reviews in Fisheries Science and Aquaculture</i> , 2018, 26, 139-154.	5.1	13
1812	Decrease of the water recharge and identification of water recharge zones in the Alto Atoyac sub-basin, Oaxaca, as a result of climate change. <i>Journal of Water and Climate Change</i> , 2018, 9, 37-57.	1.2	4
1813	Fingerprinting coal-derived gases from the UK. <i>Chemical Geology</i> , 2018, 480, 75-85.	1.4	17
1814	Seasonal implications on toxicity biomarkers of <i>Loricariichthys anus</i> (Valenciennes, 1835) from a subtropical reservoir. <i>Chemosphere</i> , 2018, 191, 876-885.	4.2	21
1815	Flow velocity's ecology thresholds in Canadian rivers: A comparison of trait and taxonomy-based approaches. <i>Freshwater Biology</i> , 2018, 63, 891-905.	1.2	21
1816	Freshwater conservation in a fragmented world: Dealing with barriers in a systematic planning framework. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 17-25.	0.9	55

#	ARTICLE	IF	CITATIONS
1817	Health assessment and spatial variability analysis of the Naolihe Basin using a water-based system. <i>Ecological Indicators</i> , 2018, 92, 181-188.	2.6	6
1818	Stakeholder Participation in Freshwater Monitoring and Evaluation Programs: Applying Thresholds of Potential Concern within Environmental Flows. <i>Environmental Management</i> , 2018, 61, 408-420.	1.2	6
1819	Structural microhabitat use by endemic cyprinids in a Mediterranean-type river: Implications for restoration practices. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 26-36.	0.9	27
1820	Legacies, lags and long-term trends: Effective flow restoration in a changed and changing world. <i>Freshwater Biology</i> , 2018, 63, 986-995.	1.2	76
1821	The metabolic regimes of flowing waters. <i>Limnology and Oceanography</i> , 2018, 63, S99.	1.6	247
1822	Teleconnection between low flows and large-scale climate indices in Texas River basins. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018, 32, 2337-2350.	1.9	15
1823	Land cover disturbance homogenizes aquatic insect functional structure in neotropical savanna streams. <i>Ecological Indicators</i> , 2018, 84, 573-582.	2.6	113
1824	Assessing river water quality using water quality index in Lake Taihu Basin, China. <i>Science of the Total Environment</i> , 2018, 612, 914-922.	3.9	384
1825	Further insights into the responses of macroinvertebrate species to burial by sediment. <i>Hydrobiologia</i> , 2018, 805, 399-411.	1.0	21
1826	An innovative approach to minimize excess sludge production in sewage treatment using integrated bioreactors. <i>Journal of Environmental Sciences</i> , 2018, 67, 67-77.	3.2	12
1827	Multiple-stressor effects on stream macroinvertebrate communities: A mesocosm experiment manipulating salinity, fine sediment and flow velocity. <i>Science of the Total Environment</i> , 2018, 610-611, 961-971.	3.9	90
1828	Diverse invertebrate fauna using dry sediment as a refuge in semi-arid and temperate Australian rivers. <i>Hydrobiologia</i> , 2018, 806, 95-109.	1.0	11
1829	Large woody debris "rewilding" rapidly restores biodiversity in riverine food webs. <i>Journal of Applied Ecology</i> , 2018, 55, 895-904.	1.9	54
1830	Physical water scarcity metrics for monitoring progress towards SDG target 6.4: An evaluation of indicator 6.4.2 "Level of water stress". <i>Science of the Total Environment</i> , 2018, 613-614, 218-232.	3.9	223
1831	Towards a more comprehensive assessment of river corridor conditions: A comparison between the Morphological Quality Index and three biotic indices. <i>Ecological Indicators</i> , 2018, 84, 525-534.	2.6	20
1832	A spatial evaluation of global wildfire-water risks to human and natural systems. <i>Science of the Total Environment</i> , 2018, 610-611, 1193-1206.	3.9	67
1833	A new methodology to identify surface water bodies at risk by using pesticide monitoring data: The glyphosate case study in Lombardy Region (Italy). <i>Science of the Total Environment</i> , 2018, 610-611, 421-429.	3.9	20
1834	Low flow controls on stream thermal dynamics. <i>Limnologica</i> , 2018, 68, 157-167.	0.7	15

#	ARTICLE	IF	CITATIONS
1835	A Hybrid of Optical Remote Sensing and Hydrological Modeling Improves Water Balance Estimation. <i>Journal of Advances in Modeling Earth Systems</i> , 2018, 10, 2-17.	1.3	31
1836	Microbial fuel cells in saline and hypersaline environments: Advancements, challenges and future perspectives. <i>Bioelectrochemistry</i> , 2018, 120, 127-137.	2.4	78
1837	Vulnerability assessment of water resources – Translating a theoretical concept to an operational framework using systems thinking approach in a changing climate: Case study in Ogallala Aquifer. <i>Journal of Hydrology</i> , 2018, 557, 460-474.	2.3	57
1838	Efflux pumps genes of clinical origin are related to those from fluconazole-resistant <i>Candida albicans</i> isolates from environmental water. <i>Water Science and Technology</i> , 2018, 77, 899-908.	1.2	8
1839	Multiregional input–output and ecological network analyses for regional energy–water nexus within China. <i>Applied Energy</i> , 2018, 227, 353-364.	5.1	83
1840	Untangling the effects of shallow groundwater and deficit irrigation on irrigation water productivity in arid region: New conceptual model. <i>Science of the Total Environment</i> , 2018, 619-620, 1170-1182.	3.9	41
1841	Ecological effects and potential risks of the water diversion project in the Heihe River Basin. <i>Science of the Total Environment</i> , 2018, 619-620, 794-803.	3.9	83
1842	Reliability of simplifying strategies for rapid biodiversity assessment in studying community-environment interactions. <i>Ecological Indicators</i> , 2018, 85, 861-868.	2.6	12
1843	Gene Coexpression Networks Drive and Predict Reproductive Effects in <i>Daphnia</i> in Response to Environmental Disturbances. <i>Environmental Science & Technology</i> , 2018, 52, 317-326.	4.6	11
1844	Predicting the effect of land use and climate change on stream macroinvertebrates based on the linkage between structural equation modeling and bayesian network. <i>Ecological Indicators</i> , 2018, 85, 820-831.	2.6	34
1845	Mechanism and performance of a self-flocculating marine bacterium in saline wastewater treatment. <i>Chemical Engineering Journal</i> , 2018, 334, 732-740.	6.6	56
1846	Scaling biodiversity responses to hydrological regimes. <i>Biological Reviews</i> , 2018, 93, 971-995.	4.7	93
1847	Patterns and drivers of fish extirpations in rivers of the American Southwest and Southeast. <i>Global Change Biology</i> , 2018, 24, 1175-1185.	4.2	33
1848	Evolutionary responses of aquatic macroinvertebrates to two contrasting flow regimes. <i>Hydrobiologia</i> , 2018, 808, 353-370.	1.0	15
1849	Using regional scale flow–ecology modeling to identify catchments where fish assemblages are most vulnerable to changes in water availability. <i>Freshwater Biology</i> , 2018, 63, 928-945.	1.2	21
1850	Coupling of Tennant Concept with Standardized Precipitation Index (SPI) for the Prediction of Environmental Flow Condition from Rainfall in Upper Narmada Basin. <i>Water Science and Technology Library</i> , 2018, , 265-272.	0.2	2
1851	Analyzing long-term spatial variability of blue and green water footprints in a semi-arid mountainous basin with MIROC-ESM model (case study: Kashafrood River Basin, Iran). <i>Theoretical and Applied Climatology</i> , 2018, 134, 885-899.	1.3	10
1852	Evaluation of regional water security in China based on dualistic water cycle theory. <i>Water Policy</i> , 2018, 20, 510-529.	0.7	12

#	ARTICLE	IF	CITATIONS
1853	Effect of abiotic and biotic stress factors analysis using machine learning methods in zebrafish. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2018, 25, 62-72.	0.4	1
1854	Wild Fauna on the Menu. , 2018, , 167-194.		17
1855	Predicting Hydromodification in Streams Using Nonlinear Memory-Based Algorithms in Southern California Streams. Journal of Water Resources Planning and Management - ASCE, 2018, 144, 04017079.	1.3	3
1856	A review of riverine ecosystem service quantification: Research gaps and recommendations. Journal of Applied Ecology, 2018, 55, 1299-1311.	1.9	86
1857	Identifying potential gaps in pesticide risk assessment: Terrestrial life stages of freshwater insects. Journal of Applied Ecology, 2018, 55, 1510-1515.	1.9	11
1858	Thermodynamic analysis and energy efficiency of thermal desalination processes. Desalination, 2018, 428, 29-39.	4.0	87
1859	Geographical patterns of flow-regime alteration by flood-control dams in Japan. Limnology, 2018, 19, 53-67.	0.8	16
1860	Nanomaterials for water cleaning and desalination, energy production, disinfection, agriculture and green chemistry. Environmental Chemistry Letters, 2018, 16, 11-34.	8.3	63
1861	Linking riparian forest harvest to benthic macroinvertebrate communities in Andean headwater streams in southern Chile. Limnologica, 2018, 68, 105-114.	0.7	8
1862	Water footprint and scenario analysis in the transformation of Chongming into an international eco-island. Resources, Conservation and Recycling, 2018, 132, 376-385.	5.3	13
1863	Every Community Needs a Forest of Imagination. , 0, , 362-364.		0
1864	Can Big Data Make a Difference for Urban Management?1. , 0, , 218-238.		2
1865	100 Years of Progress in Hydrology. Meteorological Monographs, 2018, 59, 25.1-25.51.	5.0	16
1866	Natural Capital Market Design. SSRN Electronic Journal, 2018, , .	0.4	0
1867	Assessment of Water Quality in Cilutung Watershed. E3S Web of Conferences, 2018, 73, 06004.	0.2	2
1868	Seeds of the Future in the Present. , 2018, , 327-350.		19
1869	An improved method for calculating the regional crop water footprint based on a hydrological process analysis. Hydrology and Earth System Sciences, 2018, 22, 5111-5123.	1.9	18
1870	Disturbance reverses classic biodiversity predictions in river-like landscapes. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20182441.	1.2	22

#	ARTICLE	IF	CITATIONS
1871	Does the landscape surrounding streams affect the occurrence of freshwater crabs? A case study of the genus <i>Aegla</i> (Crustacea: Decapoda: Anomura) in subtropical basins. <i>Iheringia - Serie Zoologia</i> , 2018, 108, .	0.5	0
1872	Isotopic reconnaissance of urban water supply system dynamics. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 6109-6125.	1.9	18
1873	Prioritize Agri-Environmental Measures of Water-Related Ecosystem Services: The Case of Mashhad. <i>Journal of Sustainable Development</i> , 2018, 11, 240.	0.1	2
1874	Leveraging Hydrologic Accounting and Water Markets for Improved Water Management: The Case for a Central Clearinghouse. <i>Water (Switzerland)</i> , 2018, 10, 1720.	1.2	4
1875	Explaining and Measuring Social-Ecological Pathways: The Case of Global Changes and Water Security. <i>Sustainability</i> , 2018, 10, 4378.	1.6	15
1876	Global Water Transfer Megaprojects: A Potential Solution for the Water-Food-Energy Nexus?. <i>Frontiers in Environmental Science</i> , 2018, 6, .	1.5	120
1878	Barriers to Effective Eutrophication Governance: A Comparison of the Baltic Sea and North American Great Lakes. <i>Water (Switzerland)</i> , 2018, 10, 400.	1.2	11
1879	Similar recovery time of microbial functions from fungicide stress across biogeographical regions. <i>Scientific Reports</i> , 2018, 8, 17021.	1.6	4
1880	Environmental Flow Assessment Considering Inter- and Intra-Annual Streamflow Variability under the Context of Non-Stationarity. <i>Water (Switzerland)</i> , 2018, 10, 1737.	1.2	8
1881	Situating Knowledge and Action for an Urban Planet. , 0, , 1-16.		10
1882	Opportunities for natural infrastructure to improve urban water security in Latin America. <i>PLoS ONE</i> , 2018, 13, e0209470.	1.1	15
1883	A Coupling Relationship between the Eco-Environment Carrying Capacity and New-Type Urbanization: A Case Study of the Wuhan Metropolitan Area in China. <i>Sustainability</i> , 2018, 10, 4671.	1.6	21
1884	Macroeconomy and Urban Productivity. , 2018, , 130-146.		4
1885	Assessment of Fish Assemblage in Highly Human Managed Reservoirs Located on River Chenab, Pakistan. <i>Journal of Biodiversity & Endangered Species</i> , 2018, 06, .	0.1	1
1886	A Fuzzy Comprehensive Assessment and Hierarchical Management System for Urban Lake Health: A Case Study on the Lakes in Wuhan City, Hubei Province, China. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2617.	1.2	13
1887	Carbon nanotubes-ferrite-manganese dioxide micromotors for advanced oxidation processes in water treatment. <i>Environmental Science: Nano</i> , 2018, 5, 2993-3003.	2.2	53
1888	Introduction - Emergency Operation Technologies for Sudden Water Pollution Accidents. , 2018, , .		1
1890	Live with Risk While Reducing Vulnerability. , 2018, , 92-112.		3

#	ARTICLE	IF	CITATIONS
1891	Rethinking Urban Sustainability and Resilience. , 2018, , 149-162.		9
1892	Utilizing Urban Living Laboratories for Social Innovation. , 2018, , 197-217.		4
1893	Collaborative and Equitable Urban Citizen Science. , 0, , 239-260.		1
1894	Sustainability Transformation Emerging from Better Governance. , 0, , 263-280.		6
1895	To Transform Cities, Support Civil Society. , 2018, , 281-302.		6
1896	Governing Urban Sustainability Transformations. , 2018, , 303-326.		9
1897	Banksy and the Biologist. , 0, , 359-361.		0
1898	A Chimera Called "Smart Cities", 0, , 368-370.		1
1899	Beyond Fill-in-the-Blank Cities. , 0, , 371-373.		0
1900	Persuading Policy-Makers to Implement Sustainable City Plans. , 0, , 374-375.		0
1901	To Live or Not to Live. , 0, , 376-378.		0
1902	Cities as Global Organisms. , 0, , 384-385.		0
1903	Building Cities. , 0, , 388-390.		0
1904	The False Distinctions of Socially Engaged Art and Art. , 0, , 391-393.		0
1905	Overcoming Inertia and Reinventing "Retreat", 0, , 394-396.		0
1906	Money for Old Rope. , 0, , 397-399.		0
1907	Understanding Arab Cities. , 0, , 404-407.		0
1908	Who Can Implement the Sustainable Development Goals in Urban Areas?. , 0, , 408-410.		4

#	ARTICLE	IF	CITATIONS
1909	The Rebellion of Memory. , 0 , 417-419.		0
1910	Cities Donâ€™t Need â€œBigâ€•Data â€œ They Need Innovations That Connect to the Local. , 0 , 420-421.		0
1911	Digital Urbanization and the End of Big Cities. , 0 , 422-424.		0
1912	The Art of Engagement / Activating Curiosity. , 0 , 425-427.		0
1913	Nairobiâ€™s Illegal City-Makers. , 0 , 428-429.		0
1915	Sketches of an Emotional Geography Towards a New Citizenship. , 0 , 445-450.		0
1916	Greening Cities. , 0 , 453-454.		0
1917	Recognition Deficit and the Struggle for Unifying City Fragments. , 0 , 455-457.		0
1918	Broadening Our Vision to Find a New Eco-Spiritual Way of Living. , 0 , 460-461.		0
1919	Understanding, Implementing, and Tracking Urban Metabolism Is Key to Urban Futures. , 2018 , 68-91.		6
1920	Sustainability, Karachi, and Other Irreconcilables. , 0 , 353-356.		0
1921	Achieving Sustainable Cities by Focusing on the Urban Underserved. , 0 , 411-416.		0
1922	The Sea Wall. , 0 , 433-435.		0
1923	New Integrated Urban Knowledge for the Cities We Want. , 2018 , 462-482.		5
1924	What Knowledge Do Cities Themselves Need?. , 0 , 357-358.		0
1925	City Fragmentation and the Commons. , 0 , 379-383.		0
1926	From Concrete Structures to Green Diversity. , 0 , 386-387.		0
1927	Aesthetic Appreciation of Tagging. , 0 , 400-403.		0

#	ARTICLE	IF	CITATIONS
1928	Active Environmental Citizens with Receptive Government Officials Can Enact Change. , 0 , 430-432.		0
1929	Private Fears in Public Spaces. , 0 , 440-442.		0
1930	Disrespecting the Knowledge of Place. , 0 , 458-459.		0
1931	Multifunctional 3D K ₂ Ti ₆ O ₁₃ nanobelt-built architectures towards wastewater remediation: selective adsorption, photodegradation, mechanism insight and photoelectrochemical investigation. Catalysis Science and Technology, 2018, 8, 6180-6195.	2.1	44
1932	Factors explaining household payment for potable water in South Africa. Cogent Social Sciences, 2018, 4, 1464379.	0.5	14
1933	Locating Spatial Opportunities for Nature-Based Solutions: A River Landscape Application. Water (Switzerland), 2018, 10, 1869.	1.2	25
1934	How Can We Shift from an Image-Based Society to a Life-Based Society?. , 0 , 365-367.		0
1935	Harness Urban Complexity for Health and Well-Being. , 0 , 113-129.		4
1936	Academics and Nonacademics. , 0 , 436-439.		0
1937	The Shift in Urban Technology Innovation from Top-Down to Bottom-Up Sources. , 0 , 451-452.		0
1938	OBSOLETE: Dams and river fragmentation. , 2018, , .		0
1939	OBSOLETE: Finding a 'Golden Spike' to mark the Anthropocene. , 2018, , .		0
1940	Nonlinear Long-Term Large Watershed Hydrologic Response to Wildfire and Climatic Dynamics Locally Increases Water Yields. Earth's Future, 2018, 6, 997-1006.	2.4	20
1941	Embracing Urban Complexity. , 2018, , 45-67.		19
1942	High levels of multiple paternity in a spermcast mating freshwater mussel. Ecology and Evolution, 2018, 8, 8126-8134.	0.8	15
1943	Cell Transport Prompts the Performance of Low-Voltage Electroporation for Cell Inactivation. Scientific Reports, 2018, 8, 15832.	1.6	29
1944	Fish assemblage responses to flow seasonality and predictability in a tropical flood pulse system. Ecosphere, 2018, 9, e02366.	1.0	24
1945	Cross-ecosystem carbon flows connecting ecosystems worldwide. Nature Communications, 2018, 9, 4825.	5.8	81

#	ARTICLE	IF	CITATIONS
1946	Threshold Responses of Macroinvertebrate Communities to Stream Velocity in Relation to Hydropower Dam: A Case Study from The Guayas River Basin (Ecuador). <i>Water (Switzerland)</i> , 2018, 10, 1195.	1.2	19
1947	Evaluation of anuran diversity and success in tertiary wastewater treatment wetlands. <i>Journal of Freshwater Ecology</i> , 2018, 33, 475-488.	0.5	2
1948	Challenges of integrating habitat for aquatic life and morphodynamics offer a plethora of opportunities for advances in Ecohydraulics. <i>Journal of Ecohydraulics</i> , 2018, 3, 1-3.	1.6	3
1949	Salmonid stocking in five North Atlantic jurisdictions: Identifying drivers and barriers to policy change. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 1451-1464.	0.9	23
1950	Is water security just? Concepts, tools and missing links. <i>Water International</i> , 2018, 43, 1026-1039.	0.4	8
1951	Application of the Bayesian approach to sediment fingerprinting and source attribution. <i>Hydrological Processes</i> , 2018, 32, 3978-3995.	1.1	24
1952	Meta-Analysis of Insecticides in United States Surface Waters: Status and Future Implications. <i>Environmental Science & Technology</i> , 2018, 52, 14452-14460.	4.6	49
1953	LPJmL4 – a dynamic global vegetation model with managed land – Part 1: Model description. <i>Geoscientific Model Development</i> , 2018, 11, 1343-1375.	1.3	140
1955	Spatial and temporal variations of nutrition in representative river networks in Southwest China. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 707.	1.3	3
1956	Distribution of Benthic Macroinvertebrates in the Selati River of the Olifants River System, South Africa. <i>African Entomology</i> , 2018, 26, 398-406.	0.6	10
1957	Indicators for Measuring Urban Sustainability and Resilience. , 0, , 163-179.		4
1958	Using Cyber Physical Systems to Map Water Quality Over Large Water Bodies. , 2018, , .		4
1959	Editorial: Aquatic conservation in the age of the Sustainable Development Goals. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 1264-1270.	0.9	6
1960	Performance of National Maps of Watershed Integrity at Watershed Scales. <i>Water (Switzerland)</i> , 2018, 10, 604.	1.2	13
1961	Physical and virtual water transfers and the impacts on regional ecosystem quality and resources. <i>MATEC Web of Conferences</i> , 2018, 246, 01070.	0.1	0
1962	Barriers and Drivers of Household Water-Conservation Behavior: A Profiling Approach. <i>Water (Switzerland)</i> , 2018, 10, 1794.	1.2	31
1963	Systematic Investigation for the Photocatalytic Applications of Carbon Nitride/Porous Zeolite Heterojunction. <i>ACS Omega</i> , 2018, 3, 17261-17275.	1.6	31
1964	Environmental Flow Assessments Are Not Realizing Their Potential as an Aid to Basin Planning. <i>Frontiers in Environmental Science</i> , 2018, 6, .	1.5	12

#	ARTICLE	IF	CITATIONS
1965	Scaling up <scp>DNA</scp> metabarcoding for freshwater macrozoobenthos monitoring. <i>Freshwater Biology</i> , 2019, 64, 380-387.	1.2	76
1966	A Framework for Assessing Instream Supporting Ecosystem Services Based on Hydroecological Modelling. <i>Water (Switzerland)</i> , 2018, 10, 1247.	1.2	5
1967	Mapping the Gap of Water and Erosion Control Measures in the Rapidly Urbanizing Mbezi River Catchment of Dar es Salaam. <i>Water (Switzerland)</i> , 2018, 10, 64.	1.2	6
1968	Payments for Watershed Services and Practices in China: Achievements and Challenges. <i>Chinese Geographical Science</i> , 2018, 28, 873-893.	1.2	11
1969	The regulatory challenge of chemicals in the environment: Toxicity testing, risk assessment, and decision-making models. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 99, 289-295.	1.3	11
1970	River Systems and the Anthropocene: A Late Pleistocene and Holocene Timeline for Human Influence. <i>Quaternary</i> , 2018, 1, 21.	1.0	34
1971	Nitrogen and Organics Removal during Riverbank Filtration along a Reclaimed Water Restored River in Beijing, China. <i>Water (Switzerland)</i> , 2018, 10, 491.	1.2	17
1972	Quantitative Agricultural Flood Risk Assessment Using Vulnerability Surface and Copula Functions. <i>Water (Switzerland)</i> , 2018, 10, 1229.	1.2	13
1973	Environmental risk resulting from historical land degradation in alluvial plains considered for dam planning. <i>Land Degradation and Development</i> , 2018, 29, 4227-4238.	1.8	5
1974	Free-standing Electrodes Derived from Metal-Organic Frameworks/ Nanofibers Hybrids for Membrane Capacitive Deionization. <i>Advanced Materials Technologies</i> , 2018, 3, 1800135.	3.0	41
1975	The East River, Colorado, Watershed: A Mountainous Community Testbed for Improving Predictive Understanding of Multiscale Hydrological-Biogeochemical Dynamics. <i>Vadose Zone Journal</i> , 2018, 17, 1-25.	1.3	115
1976	Wetlands in flux: looking for the drivers in a central European case. <i>Wetlands Ecology and Management</i> , 2018, 26, 849-863.	0.7	17
1977	Use of facebook to engage water customers: A comprehensive study of current U.K. and Australian practices and trends. <i>Journal of Environmental Management</i> , 2018, 228, 517-528.	3.8	10
1978	Estimates of benthic invertebrate community variability and its environmental determinants differ between snapshot and trajectory designs. <i>Freshwater Science</i> , 2018, 37, 769-779.	0.9	10
1979	On the relationship between attitudes and environmental behaviors of key Great Barrier Reef user groups. <i>Ecology and Society</i> , 2018, 23, .	1.0	22
1980	Efficient photocatalytic removal of safarnin-O dye pollutants from water under sunlight using synthetic bentonite/polyaniline@Ni2O3 photocatalyst of enhanced properties. <i>Environmental Science and Pollution Research</i> , 2018, 25, 33264-33276.	2.7	32
1981	Urban Slums: A Supportive Ecosystem for Typhoidal Salmonellae. <i>Journal of Infectious Diseases</i> , 2018, 218, S250-S254.	1.9	24
1982	Deficiencies in our understanding of the hydro-ecology of several native Australian fish: a rapid evidence synthesis. <i>Marine and Freshwater Research</i> , 2018, 69, 1208.	0.7	6

#	ARTICLE	IF	CITATIONS
1983	Optimization of protocols for microinjection-based delivery of cryoprotective agents into Japanese whiting <i>Sillago japonica</i> embryos. <i>Cryobiology</i> , 2018, 85, 25-32.	0.3	3
1984	Recent water quality trends in a typical semi-arid river with a sharp decrease in streamflow and construction of sewage treatment plants. <i>Environmental Research Letters</i> , 2018, 13, 014026.	2.2	19
1985	New Soil Index Development and Integration with Econometric Theory. <i>Soil Science Society of America Journal</i> , 2018, 82, 1017-1032.	1.2	16
1986	Comprehensive Evaluation of Water Resource Security: Case Study from Luoyang City, China. <i>Water (Switzerland)</i> , 2018, 10, 1106.	1.2	31
1987	Municipal wastewater can result in a dramatic decline in freshwater fishes: a lesson from a developing country. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2018, , 37.	0.5	9
1988	A Database of Natural Monthly Streamflow Estimates from 1950 to 2015 for the Conterminous United States. <i>Journal of the American Water Resources Association</i> , 2018, 54, 1258-1269.	1.0	24
1989	The UN, the Urban Sustainable Development Goal, and the New Urban Agenda. , 2018, , 180-196.		21
1990	The exposure of a fresh fruit and vegetable supply chain to global water-related risks. <i>Water International</i> , 2018, 43, 746-761.	0.4	25
1991	Heavy metal concentrations in water and sediment of the Steelpoort River, Olifants River System, South Africa. <i>African Journal of Aquatic Science</i> , 2018, 43, 413-416.	0.5	16
1992	Seasonal and Spatial Variability of Water Quality and Nutrient Removal Efficiency of Restored Wetland: A Case Study in Fujin National Wetland Park, China. <i>Chinese Geographical Science</i> , 2018, 28, 1027-1037.	1.2	7
1993	OBSOLETE: Hydrology in the Anthropocene. , 2018, , .		2
1994	OBSOLETE: Trends in biodiversity: freshwater. , 2018, , .		0
1995	A Budyko-type model for human water consumption. <i>Journal of Hydrology</i> , 2018, 567, 212-226.	2.3	23
1996	Interactive Effects of Pesticides and Nutrients on Microbial Communities Responsible of Litter Decomposition in Streams. <i>Frontiers in Microbiology</i> , 2018, 9, 2437.	1.5	16
1997	Global Urbanization. , 2018, , 19-44.		37
1998	Active Management of Environmental Water to Improve Ecological Outcomes. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2018, 144, .	1.3	13
2000	Asia's Sustainability Challenges and Future Earth. , 0, , 388-397.		1
2001	Performance of Different Ensemble Kalman Filter Structures to Assimilate GRACE Terrestrial Water Storage Estimates Into a High-Resolution Hydrological Model: A Synthetic Study. <i>Water Resources Research</i> , 2018, 54, 8931-8951.	1.7	17

#	ARTICLE	IF	CITATIONS
2002	Development of an eco-geomorphic modeling framework to evaluate riparian ecosystem response to flow-regime changes. <i>Ecological Engineering</i> , 2018, 123, 112-126.	1.6	17
2003	Ion Removal Performance, Structural/Compositional Dynamics, and Electrochemical Stability of Layered Manganese Oxide Electrodes in Hybrid Capacitive Deionization. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 32313-32322.	4.0	67
2004	Extreme flooding decreases stream consumer autochthony by increasing detrital resource availability. <i>Freshwater Biology</i> , 2018, 63, 1483-1497.	1.2	12
2005	Pollutant fate and spatio-temporal variation and degree of sedimentation of industrial- and municipal wastes in Chakbandi drain and River Chenab. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 1326-1331.	1.8	1
2006	Priority areas for conservation within four freshwater ecoregions in South America: A scale perspective based on freshwater crabs (<i>Anomura</i> , <i>Aeglidae</i>). <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 1077-1088.	0.9	8
2007	Integrative taxonomy of the red-finned barb, <i>Enteromius apleurogramma</i> (Cyprininae: Smiliogastrini) from Kenya, supports recognition of <i>E. amboseli</i> as a valid species. <i>Zootaxa</i> , 2018, 4482, 566-578.	0.2	11
2008	Spatial genetic variation and habitat association of <i>Rhinichthys cataractae</i> , the longnose dace, in the Driftless Area of the upper Mississippi River basin. <i>Conservation Genetics</i> , 2018, 19, 1367-1378.	0.8	1
2009	Ecosystem Responses to Water Resource Developments in a Large Dryland River. <i>Water Resources Research</i> , 2018, 54, 6643-6655.	1.7	21
2010	Multivariate design of socioeconomic drought and impact of water reservoirs. <i>Journal of Hydrology</i> , 2018, 566, 192-204.	2.3	69
2011	Making Space for the Cauca River in Colombia. , 0, , 134-150.		2
2012	Large-Scale Dam Development and Counter Movements. , 0, , 169-186.		4
2013	The TERENOâ€Rur Hydrological Observatory: A Multiscale Multiâ€Compartment Research Platform for the Advancement of Hydrological Science. <i>Vadose Zone Journal</i> , 2018, 17, 1-22.	1.3	81
2014	Tracing the sources of suspended sediment and particle-bound trace metal elements in an urban catchment coupling elemental and isotopic geochemistry, and fallout radionuclides. <i>Environmental Science and Pollution Research</i> , 2018, 25, 28667-28681.	2.7	40
2015	Environmentally friendly dyeing of cotton in an ethanolâ€water mixture with excellent exhaustion. <i>Green Chemistry</i> , 2018, 20, 4473-4483.	4.6	92
2016	Split-feed counterflow reverse osmosis for brine concentration. <i>Desalination</i> , 2018, 445, 280-291.	4.0	50
2017	What Are the Key Catchment Characteristics Affecting Spatial Differences in Riverine Water Quality?. <i>Water Resources Research</i> , 2018, 54, 7252-7272.	1.7	58
2018	Ecosystem structure and function of afro-tropical streams with contrasting land use. <i>Freshwater Biology</i> , 2018, 63, 1498-1513.	1.2	26
2019	Facile synthesis of a mesoporous organic polymer grafted with 2-aminoethanethiol for Hg ²⁺ removal. <i>Microporous and Mesoporous Materials</i> , 2018, 271, 59-67.	2.2	32

#	ARTICLE	IF	CITATIONS
2020	Temperature and hydrologic alteration predict the spread of invasive Largemouth Bass (<i>Micropterus</i>) Tj ETQq0 0 0 ggBT /Overlock 10 Tf	9.9	41
2021	Improved vegetation parameterization for hydrological model and assessment of land cover change impacts on flow regime of the Upper Bhima basin, India. <i>Acta Geophysica</i> , 2018, 66, 697-715.	1.0	8
2022	Effects of chronic elevated nitrate concentrations on the structure and function of river biofilms. <i>Freshwater Biology</i> , 2018, 63, 1199-1210.	1.2	2
2023	Major River Basins of the World. , 2018, , 109-124.		1
2024	Detecting, Extracting, and Monitoring Surface Water From Space Using Optical Sensors: A Review. <i>Reviews of Geophysics</i> , 2018, 56, 333-360.	9.0	402
2025	Evapotranspiration management based on the application of SWAT for balancing water consumption: A case study in Guantao, China. <i>Journal of Earth System Science</i> , 2018, 127, 1.	0.6	1
2026	Worldwide evaluation of mean and extreme runoff from six global-scale hydrological models that account for human impacts. <i>Environmental Research Letters</i> , 2018, 13, 065015.	2.2	85
2027	Two-dimensional molybdenum disulphide nanoflakes synthesized by liquid-solid phase reaction method: regenerative photocatalytic performance under UV-visible light irradiation by advance oxidation process. <i>Materials Research Express</i> , 2018, 5, 056206.	0.8	6
2028	Predicting <i>Ambystoma ordinarium</i> Habitat in Central Mexico Using Species Distribution Models. <i>Herpetologica</i> , 2018, 74, 117-126.	0.2	12
2029	The Telecoupling GeoApp: A Web-GIS application to systematically analyze telecouplings and sustainable development. <i>Applied Geography</i> , 2018, 96, 16-28.	1.7	23
2030	Hydrothermally synthesized flower like MoS ₂ microsphere: A highly efficient adsorbent for methylene blue dye removal. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	1
2031	Evaluating the potential for prezygotic isolation and hybridization between landlocked and anadromous alewife (<i>Alosa pseudoharengus</i>) following secondary contact. <i>Evolutionary Applications</i> , 2018, 11, 1554-1566.	1.5	10
2032	Pharmaceutically active compounds in the Xiangjiang River, China: Distribution pattern, source apportionment, and risk assessment. <i>Science of the Total Environment</i> , 2018, 636, 975-984.	3.9	62
2033	Emerging trends in global freshwater availability. <i>Nature</i> , 2018, 557, 651-659.	13.7	1,087
2034	Flow pulses and fine sediments degrade stream macroinvertebrate communities in King County, Washington, USA. <i>Ecological Indicators</i> , 2018, 93, 365-378.	2.6	4
2035	Water security assessment of current and future scenarios through an integrated modeling framework in the Neshanic River Watershed. <i>Journal of Hydrology</i> , 2018, 563, 1025-1041.	2.3	35
2036	Assessment of regional threats to human water security adopting the global framework: A case study in South Korea. <i>Science of the Total Environment</i> , 2018, 637-638, 1413-1422.	3.9	15
2037	Effects of loss of lateral hydrological connectivity on fish functional diversity. <i>Conservation Biology</i> , 2018, 32, 1336-1345.	2.4	50

#	ARTICLE	IF	CITATIONS
2038	Basin-scale environmental water delivery in the Murray-Darling, Australia: A hydrological perspective. <i>Freshwater Biology</i> , 2018, 63, 969-985.	1.2	32
2039	A regional-scale ecological risk framework for environmental flow evaluations. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 957-975.	1.9	56
2040	Multi-stage hybridized online sequential extreme learning machine integrated with Markov Chain Monte Carlo copula-Bat algorithm for rainfall forecasting. <i>Atmospheric Research</i> , 2018, 213, 450-464.	1.8	65
2041	Multivariable cokriging prediction and source analysis of potentially toxic elements (Cr, Cu, Cd, Pb,) Tj ETQq1 1 0.784314 rgBT /Overlo	2.6	28
2042	Capacity to support predators scales with habitat size. <i>Science Advances</i> , 2018, 4, eaap7523.	4.7	23
2043	Global species richness of hydrobiid snails determined by climate and evolutionary history. <i>Freshwater Biology</i> , 2018, 63, 1225-1239.	1.2	17
2044	Impacts of climate change on flow regime and sequential threats to riverine ecosystem in the source region of the Yellow River. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	34
2045	Tandem Action of Natural and Chemical Stressors in Stream Ecosystems: Insights from a Population Genetic Perspective. <i>Environmental Science & Technology</i> , 2018, 52, 7962-7971.	4.6	12
2046	Effect of Herbicides on Evapotranspiration of Willow Marshes in the Upper St. Johns River Basin, Florida. <i>Journal of Hydrologic Engineering - ASCE</i> , 2018, 23, 05018018.	0.8	1
2047	Carbon stocks, sequestration, and emissions of wetlands in south eastern Australia. <i>Global Change Biology</i> , 2018, 24, 4173-4184.	4.2	58
2048	Inter-basin water transfers and the expansion of aquatic invasive species. <i>Water Research</i> , 2018, 143, 282-291.	5.3	62
2049	Dams and River Fragmentation. , 2018, , 241-248.		3
2050	Why We Need Sustainable Networks Bridging Countries, Disciplines, Cultures and Generations for Aquatic Biomonitoring 2.0: A Perspective Derived From the DNAqua-Net COST Action. <i>Advances in Ecological Research</i> , 2018, 58, 63-99.	1.4	120
2051	Linking ecological health to co-occurring organic and inorganic chemical stressors in a groundwater-fed stream system. <i>Science of the Total Environment</i> , 2018, 642, 1153-1162.	3.9	21
2053	Effects of hydrological variables on structuring morphological trait (cell size) of diatom community in a lowland river. <i>Ecological Indicators</i> , 2018, 94, 207-217.	2.6	14
2054	Selecting indicators based on biodiversity surrogacy and environmental response in a riverine network: Bringing operationality to biomonitoring. <i>Ecological Indicators</i> , 2018, 94, 198-206.	2.6	20
2055	Counting the fish eaten rather than the fish caught. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7459-7461.	3.3	11
2056	Responsiveness of fish mass-abundance relationships and trophic metrics to flood disturbance, stream size, land cover and predator taxa presence in headwater streams. <i>Ecology of Freshwater Fish</i> , 2018, 27, 999-1014.	0.7	14

#	ARTICLE	IF	CITATIONS
2057	Ecological traits of water beetles in a karstic river from the Eastern Mediterranean region. <i>Limnologica</i> , 2018, 71, 75-88.	0.7	4
2058	An ecological framework for informing permitting decisions on scientific activities in protected areas. <i>PLoS ONE</i> , 2018, 13, e0199126.	1.1	6
2059	Globally Universal Fractal Pattern of Human Settlements in River Networks. <i>Earth's Future</i> , 2018, 6, 1134-1145.	2.4	49
2060	Satellite Remote Sensing for the Conservation of East Asia's Coastal Wetlands. , 0, , 54-81.		1
2061	Behavioural guidance of Chinook salmon smolts: the variable effects of LED spectral wavelength and strobing frequency. , 2018, 6, coy032.		6
2062	Dynamic Change Analysis of Surface Water in the Yangtze River Basin Based on MODIS Products. <i>Remote Sensing</i> , 2018, 10, 1025.	1.8	33
2063	The availability of freshwater fish resources is maintained across a land-use gradient in Sabah, Borneo. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 1044-1054.	0.9	9
2064	Geographic and temporal variations in turbulent heat loss from lakes: A global analysis across 45 lakes. <i>Limnology and Oceanography</i> , 2018, 63, 2436-2449.	1.6	47
2065	Functional and Taxonomic Differentiation of Macrophyte Assemblages Across the Yangtze River Floodplain Under Human Impacts. <i>Frontiers in Plant Science</i> , 2018, 9, 387.	1.7	25
2066	Losing cichlid fish biodiversity: genetic and morphological homogenization of tilapia following colonization by introduced species. <i>Conservation Genetics</i> , 2018, 19, 1199-1209.	0.8	32
2067	Sharing Our Water. , 0, , 259-274.		4
2068	Can Riparian Forest Buffers Increase Yields From Oil Palm Plantations?. <i>Earth's Future</i> , 2018, 6, 1082-1096.	2.4	3
2069	Developing a decision support tool for assessing land use change and BMPs in ungauged watersheds based on decision rules provided by SWAT simulation. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 3789-3806.	1.9	21
2070	Uncharted waters: the rise of human-made aquatic environments in the age of the "Anthropocene". <i>Anthropocene</i> , 2018, 23, 29-42.	1.6	22
2071	Parametric transitions between bare and vegetated states in water-driven patterns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8125-8130.	3.3	35
2072	The effects of velocity and nitrate on <i>Phormidium</i> accrual cycles: a stream mesocosm experiment. <i>Freshwater Science</i> , 2018, 37, 496-509.	0.9	8
2073	Intersectorality in the governance of inland fisheries. <i>Ecology and Society</i> , 2018, 23, .	1.0	16
2074	Biodiversity and Freshwater Information Systems. , 2018, , 391-412.		4

#	ARTICLE	IF	CITATIONS
2075	Satellite observations and modeling to understand the Lower Mekong River Basin streamflow variability. <i>Journal of Hydrology</i> , 2018, 564, 559-573.	2.3	59
2076	Evaluation of the impacts of hydrologic model calibration methods on predictability of ecologically-relevant hydrologic indices. <i>Journal of Hydrology</i> , 2018, 564, 758-772.	2.3	10
2077	Contrasting patterns and drivers in taxonomic versus functional diversity, and community assembly of aquatic plants in subtropical lakes. <i>Biodiversity and Conservation</i> , 2018, 27, 3103-3118.	1.2	23
2078	Eutrophication in aquatic ecosystems: a scientometric study. <i>Acta Limnologica Brasiliensia</i> , 2018, 30, .	0.4	18
2079	Ecosystem-based water security and the Sustainable Development Goals (SDGs). <i>Ecohydrology and Hydrobiology</i> , 2018, 18, 317-333.	1.0	102
2080	A review of macroinvertebrate- and fish-based stream health modelling techniques. <i>Ecohydrology</i> , 2018, 11, e2022.	1.1	14
2081	Rainwater Harvesting in Buildings in Brazil: A Literature Review. <i>Proceedings (mdpi)</i> , 2018, 2, 186.	0.2	1
2082	Challenges in Using Hydrology and Water Quality Models for Assessing Freshwater Ecosystem Services: A Review. <i>Geosciences (Switzerland)</i> , 2018, 8, 45.	1.0	23
2083	Spatial identification and dynamic analysis of land use functions reveals distinct zones of multiple functions in eastern China. <i>Science of the Total Environment</i> , 2018, 642, 33-44.	3.9	71
2084	Testing clustering strategies for metabarcoding-based investigation of community-environment interactions. <i>Molecular Ecology Resources</i> , 2018, 18, 1326-1338.	2.2	35
2085	Agricultural land use creates evolutionary traps for nesting turtles and is exacerbated by mercury pollution. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2018, 329, 230-243.	0.9	11
2086	Global-scale evidence for the refractory nature of riverine black carbon. <i>Nature Geoscience</i> , 2018, 11, 584-588.	5.4	111
2087	Multilayer Perceptron Neural Network for Surface Water Extraction in Landsat 8 OLI Satellite Images. <i>Remote Sensing</i> , 2018, 10, 755.	1.8	77
2088	Improved Hydrological Decision Support System for the Lower Mekong River Basin Using Satellite-Based Earth Observations. <i>Remote Sensing</i> , 2018, 10, 885.	1.8	59
2089	Earth Observation-Based Operational Estimation of Soil Moisture and Evapotranspiration for Agricultural Crops in Support of Sustainable Water Management. <i>Sustainability</i> , 2018, 10, 181.	1.6	44
2090	Analysis of Blue and Green Water Consumption at the Irrigation District Scale. <i>Sustainability</i> , 2018, 10, 305.	1.6	11
2091	Parametric Assessment of Pre-Monsoon Agricultural Water Scarcity in Bangladesh. <i>Sustainability</i> , 2018, 10, 819.	1.6	23
2092	Applying Place-Based Social-Ecological Research to Address Water Scarcity: Insights for Future Research. <i>Sustainability</i> , 2018, 10, 1516.	1.6	19

#	ARTICLE	IF	CITATIONS
2093	Opportunities and Barriers for Water Co-Governance—A Critical Analysis of Seven Cases of Diffuse Water Pollution from Agriculture in Europe, Australia and North America. <i>Sustainability</i> , 2018, 10, 1634.	1.6	30
2094	Model-Based Evaluation of Urban River Restoration: Conflicts between Sensitive Fish Species and Recreational Users. <i>Sustainability</i> , 2018, 10, 1747.	1.6	20
2095	An Ameliorative Whale Optimization Algorithm for Multi-Objective Optimal Allocation of Water Resources in Handan, China. <i>Water (Switzerland)</i> , 2018, 10, 87.	1.2	55
2096	Responses of Water Level in China's Largest Freshwater Lake to the Meteorological Drought Index (SPEI) in the Past Five Decades. <i>Water (Switzerland)</i> , 2018, 10, 137.	1.2	32
2097	A First Estimation of County-Based Green Water Availability and Its Implications for Agriculture and Bioenergy Production in the United States. <i>Water (Switzerland)</i> , 2018, 10, 148.	1.2	23
2098	Agricultural Water Use Sustainability Assessment in the Tarim River Basin under Climatic Risks. <i>Water (Switzerland)</i> , 2018, 10, 170.	1.2	9
2099	Analysis of the Long-term Precipitation Trend in Illinois and Its Implications for Agricultural Production. <i>Water (Switzerland)</i> , 2018, 10, 433.	1.2	15
2100	Low Flow Regimes of the Tarim River Basin, China: Probabilistic Behavior, Causes and Implications. <i>Water (Switzerland)</i> , 2018, 10, 470.	1.2	12
2101	Rainwater Harvesting in Buildings in Brazil: A Literature Review. <i>Water (Switzerland)</i> , 2018, 10, 471.	1.2	37
2102	Evaluation of Agricultural Water Pricing in an Irrigation District Based on a Bayesian Network. <i>Water (Switzerland)</i> , 2018, 10, 768.	1.2	17
2103	Evaluation of Water Resource Security Based on an MIV-BP Model in a Karst Area. <i>Water (Switzerland)</i> , 2018, 10, 786.	1.2	8
2104	Water Quality in Representative Tuojiang River Network in Southwest China. <i>Water (Switzerland)</i> , 2018, 10, 864.	1.2	10
2105	Assessing the Water Footprint of Wheat and Maize in Haihe River Basin, Northern China (1956–2015). <i>Water (Switzerland)</i> , 2018, 10, 867.	1.2	26
2106	Remote Sensing for Ecosystem Sustainability. , 2018, , 186-201.		1
2107	Effects of increasing nutrient disturbances on phytoplankton community structure and biodiversity in two tropical seas. <i>Marine Pollution Bulletin</i> , 2018, 135, 239-248.	2.3	13
2108	An indicator-based approach to assessing resilience of socio-hydrologic systems in Nepal to hydropower development. <i>Journal of Hydrology</i> , 2018, 563, 1111-1118.	2.3	10
2109	Predictive scenarios for surface water quality simulation - A watershed case study. <i>Catena</i> , 2018, 170, 283-289.	2.2	13
2110	Long-term ecological responses of the River SpÅr to experimental floods. <i>Freshwater Science</i> , 2018, 37, 433-447.	0.9	28

#	ARTICLE	IF	CITATIONS
2111	Climate-informed environmental inflows to revive a drying lake facing meteorological and anthropogenic droughts. <i>Environmental Research Letters</i> , 2018, 13, 084010.	2.2	82
2112	Recent ecological change in ancient lakes. <i>Limnology and Oceanography</i> , 2018, 63, 2277-2304.	1.6	68
2113	Ecohydraulic modelling of Nestos River Delta under low flow regimes. <i>Ecohydrology and Hydrobiology</i> , 2018, 18, 391-400.	1.0	4
2114	What are the impacts of small-scale dredging activities on inland fisheries productivity? A systematic review protocol. <i>Environmental Evidence</i> , 2018, 7, .	1.1	5
2115	FLO1K, global maps of mean, maximum and minimum annual streamflow at 1 km resolution from 1960 through 2015. <i>Scientific Data</i> , 2018, 5, 180052.	2.4	37
2116	Impacts of human activities on the structural and functional connectivity of a river network in the Taihu Plain. <i>Land Degradation and Development</i> , 2018, 29, 2575-2588.	1.8	40
2117	<i>Ecotoxicology</i> . , 2018, , 225-239.		1
2118	Assessment of the interaction between surface- and groundwater after the diversion of the inner delta of the River Danube (Hungary) using multivariate statistics. <i>Anthropocene</i> , 2018, 22, 51-65.	1.6	12
2119	Metal-organic frameworks for highly efficient heterogeneous Fenton-like catalysis. <i>Coordination Chemistry Reviews</i> , 2018, 368, 80-92.	9.5	401
2120	Nitrogen and Phosphorus Removal from Agricultural Runoff in Integrated Buffer Zones. <i>Environmental Science & Technology</i> , 2018, 52, 6508-6517.	4.6	71
2121	Mixed phylogenetic signal in fish toxicity data across chemical classes. <i>Ecological Applications</i> , 2018, 28, 605-611.	1.8	19
2122	Regional versus local drivers of water quality in the Windermere catchment, Lake District, United Kingdom: The dominant influence of wastewater pollution over the past 200 years. <i>Global Change Biology</i> , 2018, 24, 4009-4022.	4.2	28
2124	River biofilm community changes related to pharmaceutical loads emitted by a wastewater treatment plant. <i>Environmental Science and Pollution Research</i> , 2018, 25, 9254-9264.	2.7	35
2125	Development and implementation of eco-genomic tools for aquatic ecosystem biomonitoring: the SYNAQUA French-Swiss program. <i>Environmental Science and Pollution Research</i> , 2018, 25, 33858-33866.	2.7	21
2126	Promotion effect of graphite on cyclopentane hydrate based desalination. <i>Desalination</i> , 2018, 445, 197-203.	4.0	36
2127	One-pot synthesis of a highly porous anionic hypercrosslinked polymer for ultrafast adsorption of organic pollutants. <i>Polymer Chemistry</i> , 2018, 9, 4724-4732.	1.9	59
2128	Blinded by the light: Increased chlorophyll fluorescence of herbicide-exposed periphyton masks unfavorable structural responses during exposure and recovery. <i>Aquatic Toxicology</i> , 2018, 203, 187-193.	1.9	15
2129	Transforming Environmental Water Management to Adapt to a Changing Climate. <i>Frontiers in Environmental Science</i> , 2018, 6, .	1.5	22

#	ARTICLE	IF	CITATIONS
2130	An Efficient Method for Mapping High-Resolution Global River Discharge Based on the Algorithms of Drainage Network Extraction. <i>Water (Switzerland)</i> , 2018, 10, 533.	1.2	9
2131	The <i>Alliance for Freshwater Life</i> : A global call to unite efforts for freshwater biodiversity science and conservation. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 1015-1022.	0.9	190
2132	Quantitatively describing the downstream effects of an abrupt land cover transition: buffering effects of a forest remnant on a stream impacted by cattle grazing. <i>Inland Waters</i> , 2018, 8, 294-311.	1.1	14
2133	Effects of instream restoration measures on the physical habitats and benthic macroinvertebrates in an agricultural headwater stream. <i>Ecological Engineering</i> , 2018, 122, 252-262.	1.6	19
2134	Using Strategic Adaptive Management to Facilitate Implementation of Environmental Flow Programs in Complex Social-Ecological Systems. <i>Environmental Management</i> , 2018, 62, 955-967.	1.2	12
2135	Remarkable Geographic Structuring of Rheophilic Fishes of the Lower Araguaia River. <i>Frontiers in Genetics</i> , 2018, 9, 295.	1.1	13
2136	Conservation of grasslands and savannas: A meta-analysis on mammalian responses to anthropogenic disturbance. <i>Journal for Nature Conservation</i> , 2018, 45, 72-78.	0.8	12
2137	The value of a desk study for building a national river obstacle inventory. <i>River Research and Applications</i> , 2018, 34, 1085-1094.	0.7	6
2138	Global Freshwater Availability Below Normal Conditions and Population Impact Under 1.5 and 2°C Stabilization Scenarios. <i>Geophysical Research Letters</i> , 2018, 45, 9803-9813.	1.5	29
2139	Comparison of environmental DNA and bulk sample metabarcoding using highly degenerate cytochrome <i>c</i> oxidase I primers. <i>Molecular Ecology Resources</i> , 2018, 18, 1456-1468.	2.2	93
2140	A spatially detailed blue water footprint of the United States economy. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 3007-3032.	1.9	36
2141	Relationships between Maori values and streamflow: tools for incorporating cultural values into freshwater management decisions. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2018, 52, 626-642.	0.8	23
2142	Improving active biomonitoring in aquatic environments: The optimal number and position of moss bags. <i>Ecological Indicators</i> , 2018, 93, 753-758.	2.6	8
2143	Contribution of particulate matter in storm runoff to organic phosphorus loads in urban rivers. <i>Environmental Science and Pollution Research</i> , 2018, 25, 23342-23348.	2.7	4
2144	A new framework for assessing river ecosystem health with consideration of human service demand. <i>Science of the Total Environment</i> , 2018, 640-641, 442-453.	3.9	59
2145	Mixtures of macrophyte growth forms promote nitrogen cycling in wetlands. <i>Science of the Total Environment</i> , 2018, 635, 1436-1443.	3.9	27
2146	Groundwater contamination and land drainage induce divergent responses in boreal spring ecosystems. <i>Science of the Total Environment</i> , 2018, 639, 100-109.	3.9	10
2148	Geographical distribution of zooplankton biodiversity in highly polluted running water ecosystems: Validation of fine scale species sorting hypothesis. <i>Ecology and Evolution</i> , 2018, 8, 4830-4840.	0.8	24

#	ARTICLE	IF	CITATIONS
2149	Can data from disparate long-term fish monitoring programs be used to increase our understanding of regional and continental trends in large river assemblages?. PLoS ONE, 2018, 13, e0191472.	1.1	21
2150	Freshwater megafauna diversity: Patterns, status and threats. Diversity and Distributions, 2018, 24, 1395-1404.	1.9	59
2151	Pigovian tax-based equilibrium strategy for waste-load allocation in river system. Journal of Hydrology, 2018, 563, 223-241.	2.3	12
2152	Implementing the United Nations™ sustainable development goals for water and beyond in Australia: A proposed systems approach. Australian Journal of Water Resources, 2018, 22, 29-38.	1.6	13
2153	Magnetic dithiocarbamate functionalized reduced graphene oxide for the removal of Cu(II), Cd(II), Pb(II), and Hg(II) ions from aqueous solution: Synthesis, adsorption, and regeneration. Chemosphere, 2018, 209, 449-456.	4.2	185
2154	Recent range contractions in the globally threatened Pyrenean desman highlight the importance of stream headwater refugia. Animal Conservation, 2018, 21, 515-525.	1.5	15
2155	Ten-year assessment of the 100 priority questions for global biodiversity conservation. Conservation Biology, 2018, 32, 1457-1463.	2.4	19
2156	Disposable luciferase-based microfluidic chip for rapid assay of water pollution. Luminescence, 2018, 33, 1054-1061.	1.5	15
2157	Vulnerability of Ecological Condition to the Sequencing of Wet and Dry Spells Prior to and during the Murray-Darling Basin Millennium Drought. Journal of Water Resources Planning and Management - ASCE, 2018, 144, .	1.3	14
2158	Urban water security: A review. Environmental Research Letters, 2018, 13, 053002.	2.2	215
2159	A critical sites network for freshwater biodiversity in the Lake Victoria Basin. Fisheries Management and Ecology, 2019, 26, 435-443.	1.0	7
2160	Sustainable Development of Water Resources and Hydraulic Engineering in China. Environmental Earth Sciences, 2019, , .	0.1	7
2161	Eco-innovation in garden irrigation tools and carbon footprint assessment. International Journal of Environmental Science and Technology, 2019, 16, 2937-2950.	1.8	4
2162	Contamination patterns and attenuation of pharmaceuticals in a temporary Mediterranean river. Science of the Total Environment, 2019, 647, 561-569.	3.9	45
2163	Egg-laying traits reflect shifts in dragonfly assemblages in response to different amount of tropical forest cover. Insect Conservation and Diversity, 2019, 12, 231-240.	1.4	23
2164	Understanding the social network of stakeholders in hydropower project development: An owners' view. Renewable Energy, 2019, 132, 326-334.	4.3	18
2165	Impacts of water residence time on nitrogen budget of lakes and reservoirs. Science of the Total Environment, 2019, 646, 75-83.	3.9	44
2166	The bright side of linking science and management in large river ecosystems: The Hudson River case study. River Research and Applications, 2019, 35, 459-465.	0.7	1

#	ARTICLE	IF	CITATIONS
2167	The Study on Groundwater Recharge and Evolution in Northwestern China. <i>Environmental Earth Sciences</i> , 2019, , 81-97.	0.1	0
2168	Moving beyond fitting fish into equations: Progressing the fish passage debate in the Anthropocene. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 1095-1105.	0.9	64
2169	Stimulation or inhibition: Leaf microbial decomposition in streams subjected to complex chemical contamination. <i>Science of the Total Environment</i> , 2019, 648, 1371-1383.	3.9	22
2170	Urbanization versus other land use: Diverging effects on dragonfly communities in Germany. <i>Diversity and Distributions</i> , 2019, 25, 38-47.	1.9	26
2171	Boreal river impoundments caused nearshore fish community assemblage shifts but little change in diversity: a multiscale analysis. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2019, 76, 740-752.	0.7	6
2172	The U.S. foodâ€“energyâ€“water system: A blueprint to fill the mesoscale gap for science and decision-making. <i>Ambio</i> , 2019, 48, 251-263.	2.8	16
2173	Modelling of thermal habitat loss of brown trout (<i>Salmo trutta</i>) due to the impact of climate warming. <i>Ecohydrology and Hydrobiology</i> , 2019, 19, 167-177.	1.0	12
2174	How war, drought, and dam management impact water supply in the Tigris and Euphrates Rivers. <i>Ambio</i> , 2019, 48, 264-279.	2.8	21
2175	An ecological perspective on a riverâ€™s rights: a recipe for more effective water quality governance?. <i>Water International</i> , 2019, 44, 647-666.	0.4	7
2176	Surface modified polyamide nanofiltration membranes with high permeability and stability. <i>Journal of Membrane Science</i> , 2019, 592, 117386.	4.1	63
2177	Change in aquatic insect abundance: Evidence of climate and land-use change within the Pawmpawm River in Southern Ghana. <i>Cogent Environmental Science</i> , 2019, 5, 1594511.	1.6	12
2178	Metagenomic insights into the diversity and functions of microbial assemblages in lakes. , 2019, , 175-223.		3
2179	Hydrate-based desalination process enhanced via graphite. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 295, 042028.	0.2	2
2180	Evaluating environmental change and behavioral decision-making for sustainability policy using an agent-based model: A case study for the Smoky Hill River Watershed, Kansas. <i>Science of the Total Environment</i> , 2019, 695, 133769.	3.9	16
2181	Effects of variations in water quantity and quality in the structure and functions of invertebratesâ€™ community of a Mediterranean urban stream. <i>Urban Ecosystems</i> , 2019, 22, 1173-1186.	1.1	12
2182	Differential responses by two closely related native fishes to restoration actions. <i>Restoration Ecology</i> , 2019, 27, 1463-1472.	1.4	9
2183	Freshwater Ecosystems versus Hydropower Development: Environmental Assessments and Conservation Measures in the Transboundary Amur River Basin. <i>Water (Switzerland)</i> , 2019, 11, 1570.	1.2	15
2184	Hydrogeology and Hydrogeochemistry of the Lauria Mountains Northern Sector Groundwater Resources (Basilicata, Italy). <i>Geofluids</i> , 2019, 2019, 1-16.	0.3	7

#	ARTICLE	IF	CITATIONS
2185	Thermal effluents from power plants boost performance of the invasive clam <i>Corbicula fluminea</i> in Ireland's largest river. <i>Science of the Total Environment</i> , 2019, 693, 133546.	3.9	9
2186	Designing Eco-Friendly Water Intake Portfolios in a Tropical Andean Stream Network. <i>Water Resources Research</i> , 2019, 55, 6946-6967.	1.7	7
2187	Environmental amenities of urban rivers and residential property values: A global meta-analysis. <i>Science of the Total Environment</i> , 2019, 693, 133628.	3.9	29
2188	Bridging past and future to address water stress. <i>Nature Sustainability</i> , 2019, 2, 543-544.	11.5	4
2189	Ecosystem service bundles in global hinterlands. <i>Environmental Research Letters</i> , 2019, 14, 084005.	2.2	23
2190	China's South-to-North Water Diversion Project Empowers Sustainable Water Resources System in the North. <i>Sustainability</i> , 2019, 11, 3735.	1.6	54
2191	Depicting Flows of Embodied Water Pollutant Discharge within Production System: Case of an Undeveloped Region. <i>Sustainability</i> , 2019, 11, 3774.	1.6	3
2192	Evaluation of conventional drinking water treatment plant efficiency according to water quality index and health risk assessment. <i>Environmental Science and Pollution Research</i> , 2019, 26, 27225-27238.	2.7	43
2193	AGCT: a hybrid model for identifying abrupt and gradual change in hydrological time series. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	6
2194	Evaluation of Watershed Scale Aquatic Ecosystem Health by SWAT Modeling and Random Forest Technique. <i>Sustainability</i> , 2019, 11, 3397.	1.6	13
2195	Towards multi-objective optimization of large-scale fluvial landscaping measures. <i>Natural Hazards and Earth System Sciences</i> , 2019, 19, 1167-1187.	1.5	9
2196	Trade-off in membrane distillation with monolithic omniphobic membranes. <i>Nature Communications</i> , 2019, 10, 3220.	5.8	106
2197	Highly permeable and fouling-resistant hollow fiber membranes for reverse osmosis. <i>Chemical Engineering Science</i> , 2019, 207, 903-910.	1.9	36
2198	Increased streamflow in catchments affected by a forest disease epidemic. <i>Science of the Total Environment</i> , 2019, 691, 112-123.	3.9	17
2199	A critical review of synthetic chemicals in surface waters of the US, the EU and China. <i>Environment International</i> , 2019, 131, 104994.	4.8	112
2200	Theory and practice to conserve freshwater biodiversity in the Anthropocene. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 1013-1021.	0.9	36
2201	Analyzing the coexistence of conflict and cooperation in a regional delta management system: Tidal River Management (TRM) in the Bangladesh delta. <i>Environmental Policy and Governance</i> , 2019, 29, 326-343.	2.1	17
2202	Tidal Forested Wetlands: Mechanisms, Threats, and Management Tools. <i>Ecological Studies</i> , 2019, , 129-158.	0.4	5

#	ARTICLE	IF	CITATIONS
2203	Modelling Technique for Sediment Evaluation at Reservoir (South India). <i>Water Resources</i> , 2019, 46, 553-562.	0.3	3
2204	A global survey of freshwater biological field stations. <i>River Research and Applications</i> , 2019, 35, 1314-1324.	0.7	3
2205	Remote sensing of river corridors: A review of current trends and future directions. <i>River Research and Applications</i> , 2019, 35, 779-803.	0.7	83
2206	Complementary land use in the Richmond River catchment: Evaluating economic and environmental benefits. <i>Land Use Policy</i> , 2019, 87, 104070.	2.5	14
2207	Assessing the degree of hydrologic stress due to climate change. <i>Climatic Change</i> , 2019, 156, 87-104.	1.7	20
2208	Estimating the response of hydrological regimes to future projections of precipitation and temperature over the upper Yangtze River. <i>Atmospheric Research</i> , 2019, 230, 104627.	1.8	28
2209	Spatialized freshwater ecosystem life cycle impact assessment of water consumption based on instream habitat change modeling. <i>Water Research</i> , 2019, 163, 114884.	5.3	16
2210	High-resolution earth observation data for assessing the impact of land system changes on wetland health in Kashmir Himalaya, India. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	0.6	28
2211	Experimental evaluation of the effect of a light-emitting diode device on Chinook salmon smolt entrainment in a simulated river. <i>Hydrobiologia</i> , 2019, 841, 191-203.	1.0	6
2212	The use of palaeoecological and contemporary macroinvertebrate community data to characterize riverine reference conditions. <i>River Research and Applications</i> , 2019, 35, 1302.	0.7	4
2213	One Hundred Pressing Questions on the Future of Global Fish Migration Science, Conservation, and Policy. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	66
2214	Graphene Composites for Lead Ions Removal from Aqueous Solutions. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2925.	1.3	28
2215	Knowledge, Attitude and Practice in Water Resources Management among Smallholder Irrigators in the Tsavo Sub-Catchment, Kenya. <i>Resources</i> , 2019, 8, 130.	1.6	14
2216	Projected Climatic and Hydrologic Changes to Lake Victoria Basin Rivers under Three RCP Emission Scenarios for 2015–2100 and Impacts on the Water Sector. <i>Water (Switzerland)</i> , 2019, 11, 1449.	1.2	24
2217	Urban drought challenge to 2030 sustainable development goals. <i>Science of the Total Environment</i> , 2019, 693, 133536.	3.9	147
2218	Photocatalytic degradation of methylene blue using PANI–NiO nanocomposite under visible light irradiation. <i>Materials Research Express</i> , 2019, 6, 0950c8.	0.8	20
2219	A water cycle for the Anthropocene. <i>Hydrological Processes</i> , 2019, 33, 3046-3052.	1.1	44
2220	Exposure to single and binary mixtures of fullerenes and triclosan: Reproductive and behavioral effects in the freshwater snail <i>Radix balthica</i> . <i>Environmental Research</i> , 2019, 176, 108565.	3.7	9

#	ARTICLE	IF	CITATIONS
2221	Tailor-made high-performance reverse osmosis membranes by surface fixation of hydrophilic macromolecules for wastewater treatment. <i>RSC Advances</i> , 2019, 9, 17766-17777.	1.7	25
2222	Water Quality Monitoring to Support Cumulative Effects Assessment and Decision Making in the Mackenzie Valley, Northwest Territories, Canada. <i>Integrated Environmental Assessment and Management</i> , 2019, 15, 988-999.	1.6	5
2223	Stability of spatial patterns in water chemistry across temperate ecoregions. <i>Environmental Research Letters</i> , 2019, 14, 074015.	2.2	33
2224	Global restoration opportunities in tropical rainforest landscapes. <i>Science Advances</i> , 2019, 5, eaav3223.	4.7	286
2225	The freshwater biome gradient framework: predicting macroscale properties based on latitude, altitude, and precipitation. <i>Ecosphere</i> , 2019, 10, e02786.	1.0	73
2226	Wetlands: Ecosystem Services, Restoration and Wise Use. <i>Ecological Studies</i> , 2019, , .	0.4	12
2227	Trophic state index validation based on the phytoplankton functional group approach in Amazon floodplain lakes. <i>Inland Waters</i> , 2019, 9, 309-319.	1.1	8
2228	Integrating physiological data with the conservation and management of fishes: a meta-analytical review using the threatened green sturgeon (<i>Acipenser medirostris</i>). , 2019, 7, coz035.		11
2229	Temporal and spatial changes in macrozoobenthos diversity in Poyang Lake Basin, China. <i>Ecology and Evolution</i> , 2019, 9, 6353-6365.	0.8	28
2230	Municipal wastewater effluent affects fish communities: A multi-year study involving two wastewater treatment plants. <i>Environmental Pollution</i> , 2019, 252, 1730-1741.	3.7	35
2231	Seasonal Pattern of Nutrient Limitation in a Eutrophic Lake and Quantitative Analysis of the Impacts from Internal Nutrient Cycling. <i>Environmental Science & Technology</i> , 2019, 53, 13675-13686.	4.6	70
2232	The Planet's Stressed River Basins: Too Much Pressure or Too Little Adaptive Capacity?. <i>Earth's Future</i> , 2019, 7, 1118-1135.	2.4	33
2233	Emerging topics in scientific research on global water-use efficiency. <i>Journal of Agricultural Science</i> , 2019, 157, 480-492.	0.6	10
2234	Trade-Offs between Human and Environment: Challenges for Regional Water Management under Changing Conditions. <i>Water (Switzerland)</i> , 2019, 11, 1773.	1.2	4
2235	Freshwater Policy. , 2019, , 398-423.		0
2236	Replication of ecologically relevant hydrological indicators following a modified covariance approach to hydrological model parameterization. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 3279-3303.	1.9	3
2237	Defining the robust operating rule for multi-purpose water reservoirs under deep uncertainties. <i>Journal of Hydrology</i> , 2019, 578, 124134.	2.3	22
2238	Multiple threats imperil freshwater biodiversity in the Anthropocene. <i>Current Biology</i> , 2019, 29, R960-R967.	1.8	340

#	ARTICLE	IF	CITATIONS
2239	Is Natural Capital Really Substitutable?. <i>Annual Review of Environment and Resources</i> , 2019, 44, 425-448.	5.6	37
2240	Polyhexamethylene guanidine functionalized chitosan nanofiber membrane with superior adsorption and antibacterial performances. <i>Reactive and Functional Polymers</i> , 2019, 145, 104379.	2.0	34
2241	Pathways Toward Sustainable Development. , 2019, , 510-543.		0
2242	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
2243	Recreational water monitoring: Nanofluidic qRT-PCR chip for assessing beach water safety. <i>Environmental DNA</i> , 2019, 1, 305-315.	3.1	11
2244	Natural capital market design. <i>Oxford Review of Economic Policy</i> , 2019, 35, 138-161.	1.0	24
2245	Climate Change Made Major Contributions to Soil Water Storage Decline in the Southwestern US during 2003-2014. <i>Water (Switzerland)</i> , 2019, 11, 1947.	1.2	1
2246	Environmental Cues Induce Dispersal and Burial in Crawling Water Beetle, <i>Halipus punctatus</i> (Coleoptera: Haliplidae). <i>Journal of Insect Behavior</i> , 2019, 32, 236-242.	0.4	1
2247	Water storage estimation in ungauged small reservoirs with the TanDEM-X DEM and multi-source satellite observations. <i>Remote Sensing of Environment</i> , 2019, 235, 111437.	4.6	31
2248	Water Quality and Socio-Economic Indicators are Linked in a Tropical Watershed: Emerging Implications for the Sustainable Management of Waterscapes. <i>Wetlands</i> , 2019, 39, 1303-1316.	0.7	3
2249	Rethinking irrigation modernisation: realising multiple objectives through the integration of fisheries. <i>Marine and Freshwater Research</i> , 2019, 70, 1201.	0.7	25
2250	Three-Phase-Based Approach to Develop a River Health Prediction and Early Warning System to Guide River Management. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4163.	1.3	3
2252	Emergency measure of soft isolation controlling pollution diffusion response to sudden water pollution accidents. <i>Water Science and Technology</i> , 2019, 80, 1238-1248.	1.2	4
2253	A Precipitation Recycling Network to Assess Freshwater Vulnerability: Challenging the Watershed Convention. <i>Water Resources Research</i> , 2019, 55, 9947-9961.	1.7	33
2254	Extreme drought causes fish recruitment failure in a fragmented Great Plains riverscape. <i>Ecohydrology</i> , 2019, 12, e2120.	1.1	36
2255	How can eDNA contribute in riverine macroinvertebrate assessment? A metabarcoding approach in the Nalón River (Asturias, Northern Spain). <i>Environmental DNA</i> , 2019, 1, 385-401.	3.1	27
2256	Conversion of tropical forests to agriculture alters the accrual, stoichiometry, nutrient limitation, and taxonomic composition of stream periphyton. <i>International Review of Hydrobiology</i> , 2019, 104, 116-126.	0.5	9
2257	The effects of runoff from river dam spill on Columbia River microplankton. <i>River Research and Applications</i> , 2019, 35, 1478-1488.	0.7	6

#	ARTICLE	IF	CITATIONS
2258	Mitigating the risk of atrazine exposure: Identifying hot spots and hot times in surface waters across Nebraska, USA. <i>Journal of Environmental Management</i> , 2019, 250, 109424.	3.8	55
2259	Streamflow Generation From Catchments of Contrasting Lithologies: The Role of Soil Properties, Topography, and Catchment Size. <i>Water Resources Research</i> , 2019, 55, 9234-9257.	1.7	26
2260	The Coupling Effects of Plant Growth Promoting Rhizobacteria and Salicylic Acid on Physiological Modifications, Yield Traits, and Productivity of Wheat under Water Deficient Conditions. <i>Agronomy</i> , 2019, 9, 524.	1.3	26
2261	Urban Health Related Air Quality Indicators over the Middle East and North Africa Countries Using Multiple Satellites and AERONET Data. <i>Remote Sensing</i> , 2019, 11, 2096.	1.8	17
2262	Assessment of groundwater quality properties in a university sub-urban community in Delta State, Nigeria: part b-correlation analysis and household water treatment adoption. <i>Journal of Applied Sciences and Environmental Management</i> , 2019, 23, 469.	0.1	0
2264	Inferences of environmental and biotic effects on patterns of eukaryotic alpha and beta diversity for the spring systems of Ash Meadows, Nevada. <i>Oecologia</i> , 2019, 191, 931-944.	0.9	4
2265	Comparing Discharge Estimates Made via the BAM Algorithm in High-Order Arctic Rivers Derived Solely From Optical CubeSat, Landsat, and Sentinel-2 Data. <i>Water Resources Research</i> , 2019, 55, 7753-7771.	1.7	47
2266	A data set of global river networks and corresponding water resources zones divisions. <i>Scientific Data</i> , 2019, 6, 219.	2.4	23
2267	New Index for Runoff Variability Analysis in Rainfall Driven Rivers in Southeastern United States. <i>Journal of Hydrologic Engineering - ASCE</i> , 2019, 24, .	0.8	2
2268	Ecological and phylogenetic determinants of life-history patterns among ten loriciid species. <i>Journal of Fish Biology</i> , 2019, 95, 1298-1310.	0.7	4
2269	Integrated Solutions for the Water-Energy-Land Nexus: Are Global Models Rising to the Challenge?. <i>Water (Switzerland)</i> , 2019, 11, 2223.	1.2	24
2270	Toward a better understanding of freshwater fish responses to an increasingly drought-stricken world. <i>Reviews in Fish Biology and Fisheries</i> , 2019, 29, 71-92.	2.4	70
2271	Increasing River Temperature Shifts Impact the Yangtze Ecosystem: Evidence from the Endangered Chinese Sturgeon. <i>Animals</i> , 2019, 9, 583.	1.0	18
2272	Win-win urban ecology: near-home fishing promotes diversity of Odonata. <i>Urban Ecosystems</i> , 2019, 22, 1201-1206.	1.1	1
2273	Coloured LED light as a potential behavioural guidance tool for age 0 and 2 year walleye <i>Sander vitreus</i> . <i>Journal of Fish Biology</i> , 2019, 95, 1249-1256.	0.7	9
2274	Application of Amorphous Nanoparticle Fe-B Magnetic Fluid in Wastewater Treatment. <i>Nano</i> , 2019, 14, 1950119.	0.5	4
2275	Unraveling the impacts of droughts and agricultural intensification on the Altiplano water resources. <i>Agricultural and Forest Meteorology</i> , 2019, 279, 107710.	1.9	26
2276	Water resources stewardship in an era of rapid change. <i>Water Security</i> , 2019, 7, 100034.	1.2	4

#	ARTICLE	IF	CITATIONS
2277	Complete mitochondrial genome of yellowback seabream, <i>Dentex hypselosomus</i> and phylogenetic analysis of the family Sparidae. <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 2441-2442.	0.2	1
2278	Hunger, nutrition, and precipitation: evidence from Ghana and Bangladesh. <i>Population and Environment</i> , 2019, 41, 151-208.	1.3	25
2279	Fish community response to in-channel woody debris in a channelized river system. <i>Journal of Freshwater Ecology</i> , 2019, 34, 351-362.	0.5	1
2280	Reliability of the Tanzania river scoring system (TARISS) macroinvertebrate index of water quality: a case study of the river Mpanga system, Uganda. <i>Journal of Freshwater Ecology</i> , 2019, 34, 541-557.	0.5	6
2281	Modeling Flow-Ecology Responses in the Anthropocene: Challenges for Sustainable Riverine Management. <i>BioScience</i> , 2019, 69, 789-799.	2.2	57
2282	Longitudinal and seasonal patterns of fish assemblage structure in the Zhougong River, Sichuan Province, southwest China. <i>Ecological Indicators</i> , 2019, 107, 105656.	2.6	9
2283	Phosphorus and thermotolerant coliforms™ loads in Brazilian watersheds with limited data: considerations on the integrated analysis of water quality and quantity. <i>Revista Brasileira De Recursos Hidricos</i> , 2019, 24, .	0.5	5
2284	Scenarios from the Eta Model on quality and hydrological quantity in the Atlantic Forest, Southern Brazil. <i>Revista Brasileira De Recursos Hidricos</i> , 2019, 24, .	0.5	0
2285	Longitudinal dimensions of land-use impacts in riverine ecosystems. <i>Acta Limnologica Brasiliensia</i> , 2019, 31, .	0.4	2
2286	A snapshot of the limnological features in tropical floodplain lakes: the relative influence of climate and land use. <i>Acta Limnologica Brasiliensia</i> , 0, 31, .	0.4	3
2288	Applying the umbrella index across aquatic insect taxon sets for freshwater assessment. <i>Ecological Indicators</i> , 2019, 107, 105655.	2.6	24
2289	A river that flows free connects up in 4D. <i>Nature</i> , 2019, 569, 201-202.	13.7	9
2290	Does catchment geodiversity foster stream biodiversity?. <i>Landscape Ecology</i> , 2019, 34, 2469-2485.	1.9	28
2291	Representation and improved parameterization of reservoir operation in hydrological and land-surface models. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 3735-3764.	1.9	79
2292	Securing Environmental Flows Through System Reoperation and Management: Lessons From Case Studies of Implementation. <i>Frontiers in Environmental Science</i> , 2019, 7, .	1.5	36
2293	Impact of sewage effluent discharges prediction using QUAL2Kw in a sensitive protected area: Portugal. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	3
2294	Evolution mechanisms and fundamental equations of social water cycle fluxes. <i>Hydrology Research</i> , 2019, 50, 1344-1358.	1.1	2
2295	Insecticide Risk in US Surface Waters: Drivers and Spatiotemporal Modeling. <i>Environmental Science & Technology</i> , 2019, 53, 12071-12080.	4.6	19

#	ARTICLE	IF	CITATIONS
2296	Global-scale human pressure evolution imprints on sustainability of river systems. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 3933-3944.	1.9	13
2297	Microbial diversity and distribution differ between water column and biofilm assemblages in arid-land waterbodies. <i>Freshwater Science</i> , 2019, 38, 869-882.	0.9	4
2298	Preparation of thermoresponsive alginate/starch ether composite hydrogel and its application to the removal of Cu(II) from aqueous solution. <i>Bioresource Technology</i> , 2019, 294, 122192.	4.8	48
2299	A Review on Ecosystem Health Research: A Visualization Based on CiteSpace. <i>Sustainability</i> , 2019, 11, 4908.	1.6	46
2300	Enabling adaptation to water scarcity: Identifying and managing root disease risks associated with reducing irrigation inputs in greenhouse crop production – A case study in poinsettia. <i>Agricultural Water Management</i> , 2019, 226, 105737.	2.4	6
2301	Multiple-stressor effects of dicyandiamide (DCD) and agricultural stressors on trait-based responses of stream benthic algal communities. <i>Science of the Total Environment</i> , 2019, 693, 133305.	3.9	8
2302	Bioavailability of organic phosphorus in an eutrophic lake: Insights from an in-situ experiment. <i>Ecological Indicators</i> , 2019, 107, 105622.	2.6	12
2303	Evaluating Water Resource Accessibility in Southwest China. <i>Water (Switzerland)</i> , 2019, 11, 1708.	1.2	11
2304	Subjective Well-Being Effects of Coping Cost: Evidence from Household Water Supply in Kathmandu Valley, Nepal. <i>Journal of Happiness Studies</i> , 2019, 20, 2581-2608.	1.9	12
2305	Ecological meta-analysis of bloom-forming planktonic Cyanobacteria in Argentina. <i>Harmful Algae</i> , 2019, 83, 1-13.	2.2	30
2306	Remarkable reusability of magnetic Fe ₃ O ₄ -encapsulated C ₃ N ₃ S ₃ polymer/reduced graphene oxide composite: A highly effective adsorbent for Pb and Hg ions. <i>Science of the Total Environment</i> , 2019, 659, 895-904.	3.9	58
2307	Status, trends, and future dynamics of freshwater ecosystems in Europe and Central Asia. <i>Inland Waters</i> , 2019, 9, 78-94.	1.1	52
2308	Independent and Interactive Effects of Long-Term Exposure to Hypoxia and Elevated Water Temperature on Behavior and Thermal Tolerance of an Equatorial Cichlid. <i>Physiological and Biochemical Zoology</i> , 2019, 92, 253-265.	0.6	21
2309	Species sensitivity distributions for use in environmental protection, assessment, and management of aquatic ecosystems for 12%386 chemicals. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 905-917.	2.2	168
2310	Towards a multi-bioassay-based index for toxicity assessment of fluvial waters. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 112.	1.3	11
2311	Evaluation on soil bioengineering measures in agricultural areas: Poorer durability of wooden structures and better aboveground habitat improvements. <i>Ecological Engineering</i> , 2019, 129, 1-10.	1.6	10
2312	Assessing potential surrogates of macroinvertebrate diversity in North-African Mediterranean aquatic ecosystems. <i>Ecological Indicators</i> , 2019, 101, 324-329.	2.6	22
2313	Habitat-specific invertebrate responses to hydrological variability, anthropogenic flow alterations, and hydraulic conditions. <i>Freshwater Biology</i> , 2019, 64, 555-576.	1.2	16

#	ARTICLE	IF	CITATIONS
2314	Global relative species loss due to first-generation biofuel production for the transport sector. <i>GCB Bioenergy</i> , 2019, 11, 763-772.	2.5	24
2315	Ostrom's Governance Principles and Sustainable Financing of Fish Reserves. <i>Human Ecology</i> , 2019, 47, 13-25.	0.7	7
2316	Environmental filtering of native and non-native stream macrophyte assemblages by habitat disturbances in an agricultural landscape. <i>Science of the Total Environment</i> , 2019, 659, 1370-1381.	3.9	16
2317	Hematite mesocrystals templated by hydrolyzed and aminolyzed glycidyl methacrylate, and their application in photocatalytic Fenton reaction. <i>CrystEngComm</i> , 2019, 21, 1579-1586.	1.3	6
2318	Adaptation to Climate Change Through Adaptive Crop Management. , 2019, , 191-210.		6
2319	Sustaining Water Resources: Environmental and Economic Impact. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 2879-2888.	3.2	32
2320	Assessing the effects of hydrological and chemical stressors on macroinvertebrate community in an Alpine river: The Adige River as a case study. <i>River Research and Applications</i> , 2019, 35, 78-87.	0.7	9
2321	Mesoporous anatase crystal-silica nanocomposites with large intrawall mesopores presenting quite excellent photocatalytic performances. <i>Applied Catalysis B: Environmental</i> , 2019, 246, 284-295.	10.8	21
2322	Resilience of tropical, freshwater fish (<i>Nematabramis everetti</i>) populations to severe drought over a land-use gradient in Borneo. <i>Environmental Research Letters</i> , 2019, 14, 045008.	2.2	11
2323	Distributed hierarchical evaluation and carrying capacity models for water resources based on optimal water cycle theory. <i>Ecological Indicators</i> , 2019, 101, 432-443.	2.6	29
2324	Water Scarcity and Challenges for Smallholder Agriculture. , 2019, , 75-94.		30
2325	Competition for Land, Water and Energy (Nexus) in Food Production. , 2019, , 187-195.		2
2326	Do Binding Beat Nonbinding Agreements? Regulating International Water Quality. <i>Journal of Conflict Resolution</i> , 2019, 63, 1860-1888.	1.1	2
2327	The Water Governance Reform Framework: Overview and Applications to Australia, Mexico, Tanzania, U.S.A and Vietnam. <i>Water (Switzerland)</i> , 2019, 11, 137.	1.2	17
2328	Effects of Multi-Dike Protection Systems on Surface Water Quality in the Vietnamese Mekong Delta. <i>Water (Switzerland)</i> , 2019, 11, 1010.	1.2	28
2329	Micro-irrigation strategies to improve water-use efficiency of cherry trees in Northern China. <i>Agricultural Water Management</i> , 2019, 221, 388-396.	2.4	20
2330	Fragmentation of Chilean Andean rivers: expected effects of hydropower development. <i>Revista Chilena De Historia Natural</i> , 2019, 92, .	0.5	28
2331	A Regional-Scale Index for Assessing the Exposure of Drinking-Water Sources to Wildfires. <i>Forests</i> , 2019, 10, 384.	0.9	23

#	ARTICLE	IF	CITATIONS
2332	Asymmetric Bargaining Model for Water Resource Allocation over Transboundary Rivers. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1733.	1.2	21
2333	A Framework for Assessing Water Security and the Waterâ€“Energyâ€“Food Nexusâ€“The Case of Finland. <i>Sustainability</i> , 2019, 11, 2900.	1.6	37
2334	Impacts of hydroelectric dams on fishes and fisheries in tropical rivers through the lens of functional traits. <i>Current Opinion in Environmental Sustainability</i> , 2019, 37, 28-40.	3.1	113
2335	Groundwater recharge and evolution in the Wuwei Basin, northwestern China. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	6
2336	Macroporous membranes doped with micro-mesoporous Î²-cyclodextrin polymers for ultrafast removal of organic micropollutants from water. <i>Carbohydrate Polymers</i> , 2019, 222, 114970.	5.1	32
2337	Porous NiFe-oxide nanocubes derived from prussian blue analogue as efficient adsorbents for the removal of toxic metal ions and organic dyes. <i>Journal of Hazardous Materials</i> , 2019, 379, 120786.	6.5	53
2338	Standardized precipitation indexâ€“based approach to predict environmental flow condition. <i>Ecohydrology</i> , 2019, 12, e2127.	1.1	23
2339	Effect of shifts in habitats and flow regime associated to water diversion for agriculture on the macroinvertebrate community of a small watershed. <i>Aquatic Ecology</i> , 2019, 53, 483-495.	0.7	4
2340	A contingent valuation approach to evaluating willingness to pay for an improved water pollution management system in Dhaka City, Bangladesh. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 457.	1.3	21
2341	Long-term changes of water quality in aquaculture-dominated lakes as revealed by sediment geochemical records in Lake Taibai (Eastern China). <i>Chemosphere</i> , 2019, 235, 297-307.	4.2	34
2342	Biological consequences of environmental pollution in running water ecosystems: A case study in zooplankton. <i>Environmental Pollution</i> , 2019, 252, 1483-1490.	3.7	55
2343	Optimization of adsorption configuration by DFT calculation for design of adsorbent: A case study of palladium ion-imprinted polymers. <i>Journal of Hazardous Materials</i> , 2019, 379, 120791.	6.5	57
2344	Runoff variation characteristics, association with large-scale circulation and dominant causes in the Heihe River Basin, Northwest China. <i>Science of the Total Environment</i> , 2019, 688, 361-379.	3.9	29
2345	Exploring the relationships between aquatic macrophyte functional traits and anthropogenic pressures in freshwater lakes. <i>Acta Oecologica</i> , 2019, 99, 103443.	0.5	17
2346	Spatio-temporal Characterization Analysis and Water Quality Assessment of the South-to-North Water Diversion Project of China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2227.	1.2	26
2347	HESS Opinions: Socio-economic and ecological trade-offs of flood management â€“ benefits of a transdisciplinary approach. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 1035-1044.	1.9	40
2348	Freshwater conservation planning informed and validated by public participation: The Ebro catchment, Spain, as a case study. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 1253-1267.	0.9	9
2349	Large rivers as complex adaptive ecosystems. <i>River Research and Applications</i> , 2019, 35, 451-458.	0.7	19

#	ARTICLE	IF	CITATIONS
2350	Drought alters the functional stability of stream invertebrate communities through time. <i>Journal of Biogeography</i> , 2019, 46, 1988-2000.	1.4	21
2351	Crosslinked PVDF/HPMC-based hydrophobic membranes incorporated with CNF for enhanced stability and permeability in membrane distillation. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48021.	1.3	17
2352	Heavy metal accumulation in surface sediments of the Ganga River (India): speciation, fractionation, toxicity, and risk assessment. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 414.	1.3	10
2353	Human domination of the global water cycle absent from depictions and perceptions. <i>Nature Geoscience</i> , 2019, 12, 533-540.	5.4	245
2354	Biogeographic freshwater fish pattern legacy revealed despite rapid socio-economic changes in China. <i>Fish and Fisheries</i> , 2019, 20, 857-869.	2.7	19
2355	The Tinbergen Shortfall: Developments on Aquatic Insect Behavior that Are Critical for Freshwater Conservation. , 2019, , 365-380.		2
2356	Conservation planning for river-wetland mosaics: A flexible spatial approach to integrate floodplain and upstream catchment connectivity. <i>Biological Conservation</i> , 2019, 236, 356-365.	1.9	25
2357	Differences among Evapotranspiration Products Affect Water Resources and Ecosystem Management in an Australian Catchment. <i>Remote Sensing</i> , 2019, 11, 958.	1.8	13
2358	Multiresidue Methods for the Determination of Organic Micropollutants and Their Metabolites in Fish Matrices. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 1866-1878.	2.2	11
2359	Invertebrate community responses to urban wastewater effluent pollution under different hydro-morphological conditions. <i>Environmental Pollution</i> , 2019, 252, 483-492.	3.7	30
2360	A nature-based reservoir optimization model for resolving the conflict in human water demand and riverine ecosystem protection. <i>Journal of Cleaner Production</i> , 2019, 231, 406-418.	4.6	58
2361	Moving Beyond Silos in Cumulative Effects Assessment. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	35
2362	Effective monitoring of freshwater fish. <i>Fish and Fisheries</i> , 2019, 20, 729-747.	2.7	98
2363	The effectiveness of spawning habitat creation or enhancement for substrate-spawning temperate fish: a systematic review. <i>Environmental Evidence</i> , 2019, 8, .	1.1	31
2364	Wetlands of International Importance: Status, Threats, and Future Protection. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1818.	1.2	150
2365	Climate Change, Land Use/Land Cover Change, and Population Growth as Drivers of Groundwater Depletion in the Central Valleys, Oaxaca, Mexico. <i>Remote Sensing</i> , 2019, 11, 1290.	1.8	34
2366	The effect of dimethoate pesticide on some biochemical biomarkers in <i>Gammarus pulex</i> . <i>Environmental Science and Pollution Research</i> , 2019, 26, 21905-21914.	2.7	30
2367	Achieving water security in rural Indian Himalayas: A participatory account of challenges and potential solutions. <i>Journal of Environmental Management</i> , 2019, 245, 398-408.	3.8	21

#	ARTICLE	IF	CITATIONS
2368	Freshwater biodiversity conservation through source water protection: Quantifying the potential and addressing the challenges. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 1022-1038.	0.9	43
2369	Do monetary and non-monetary incentives influence environmental attitudes and behavior? Evidence from an experimental analysis. <i>Resources, Conservation and Recycling</i> , 2019, 149, 168-176.	5.3	39
2370	Assessment of Environmental Flow Condition in Indian River Basin Using SPL. , 2019, , .		1
2371	Adaptation Effort and Performance of Water Management Strategies to Face Climate Change Impacts in Six Representative Basins of Southern Europe. <i>Water (Switzerland)</i> , 2019, 11, 1078.	1.2	28
2372	Water transit time and active recharge in the Sahel inferred by bomb-produced ³⁶ Cl. <i>Scientific Reports</i> , 2019, 9, 7465.	1.6	16
2373	Chronic nutrient inputs affect stream macroinvertebrate communities more than acute inputs: An experiment manipulating phosphorus, nitrogen and sediment. <i>Science of the Total Environment</i> , 2019, 683, 9-20.	3.9	11
2374	Zero-liquid discharge (ZLD) technology for resource recovery from wastewater: A review. <i>Science of the Total Environment</i> , 2019, 681, 551-563.	3.9	230
2375	Physical environmental conditions determine ubiquitous spatial differentiation of standing plants and seedbanks in Neotropical riparian dry forests. <i>PLoS ONE</i> , 2019, 14, e0212185.	1.1	3
2376	Major determinants of the occurrence of a globally invasive parasite in riverine fish over large-scale environmental gradients. <i>International Journal for Parasitology</i> , 2019, 49, 625-634.	1.3	6
2377	Dams have varying impacts on fish communities across latitudes: a quantitative synthesis. <i>Ecology Letters</i> , 2019, 22, 1501-1516.	3.0	60
2378	Shifting habitat mosaics and fish production across river basins. <i>Science</i> , 2019, 364, 783-786.	6.0	106
2379	Assessing the Vulnerability of Aquatic Macroinvertebrates to Climate Warming in a Mountainous Watershed: Supplementing Presence-Only Data with Species Traits. <i>Water (Switzerland)</i> , 2019, 11, 636.	1.2	18
2380	Global scanning of selective serotonin reuptake inhibitors: occurrence, wastewater treatment and hazards in aquatic systems. <i>Environmental Pollution</i> , 2019, 250, 1019-1031.	3.7	117
2381	Mapping the world's free-flowing rivers. <i>Nature</i> , 2019, 569, 215-221.	13.7	1,249
2382	Country-wide analysis of large wood as a driver of fish abundance in Swedish streams: Which species benefit and where?. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 706-716.	0.9	9
2383	Scarcity of Drinking Water in Taihu Lake Basin, China: A Case Study of Yixing City. <i>Water (Switzerland)</i> , 2019, 11, 362.	1.2	6
2384	Incorporating In-Stream Nutrient Uptake into River Management: Gipuzkoa Rivers (Basque Country), Tj ETQq0 0 0 rBT /Overlock 10 Tf	1.6	1
2385	Mortality, Spatial Avoidance and Swimming Behavior of Bullfrog Tadpoles (<i>Lithobates catesbeianus</i>) Exposed to the Herbicide Diuron. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	1.1	22

#	ARTICLE	IF	CITATIONS
2386	Patterns of riparian policy standards in riverscapes of the Oregon Coast Range. <i>Ecology and Society</i> , 2019, 24, .	1.0	7
2387	Coupling landscapes and river flows to restore highly modified rivers. <i>Water Resources Research</i> , 2019, 55, 4512-4532.	1.7	35
2388	Streamlined eco-engineering approach helps define environmental flows for tropical Andean headwaters. <i>Freshwater Biology</i> , 2019, 64, 1315-1325.	1.2	14
2389	Do Amphibians and Cash Crops Compete for Scarce Water? A Spatial Correlation Analysis. <i>Sustainability</i> , 2019, 11, 1822.	1.6	0
2390	The effect of urbanization on freshwater macroinvertebrates – Knowledge gaps and future research directions. <i>Ecological Indicators</i> , 2019, 104, 357-364.	2.6	61
2391	Fishing for conservation of freshwater tropical fishes in the Anthropocene. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 1039-1051.	0.9	14
2392	Embedding scarcity in urban water tariffs: mapping supply and demand in North Taiwan. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	5
2393	The globalization of riverine environmental resources through the food trade. <i>Environmental Research Letters</i> , 2019, 14, 024020.	2.2	12
2394	Using traits to explain interspecific variation in diatom occupancy and abundance across lakes and streams. <i>Journal of Biogeography</i> , 2019, 46, 1419-1428.	1.4	7
2395	Sustainability assessment of agricultural rainwater harvesting: Evaluation of alternative crop types and irrigation practices. <i>PLoS ONE</i> , 2019, 14, e0216452.	1.1	15
2396	Untangling global change impacts on hydrological processes: Resisting climatization. <i>Hydrological Processes</i> , 2019, 33, 2148-2155.	1.1	28
2397	Environmental DNA Shaping a New Era of Ecotoxicological Research. <i>Environmental Science & Technology</i> , 2019, 53, 5605-5612.	4.6	45
2398	Purification of harvested rainwater using slow sand filters with low-cost materials: Bacterial community structure and purifying effect. <i>Science of the Total Environment</i> , 2019, 674, 344-354.	3.9	21
2399	High spatial resolution landscape indicators show promise in explaining water quality in urban streams. <i>Ecological Indicators</i> , 2019, 103, 321-330.	2.6	14
2400	Global agricultural green and blue water consumption under future climate and land use changes. <i>Journal of Hydrology</i> , 2019, 574, 242-256.	2.3	63
2401	The response patterns of stream biofilms to urban sewage change with exposure time and dilution. <i>Science of the Total Environment</i> , 2019, 674, 401-411.	3.9	17
2402	Groundwater Potential Mapping Using Data Mining Models of Big Data Analysis in Goyang-si, South Korea. <i>Sustainability</i> , 2019, 11, 1678.	1.6	48
2403	The Link between Ecosystem Services and Human Wellbeing in the Implementation of the European Water Framework Directive: Assessing Four River Basins in Europe. <i>Water (Switzerland)</i> , 2019, 11, 508.	1.2	17

#	ARTICLE	IF	CITATIONS
2404	Simulating demography, genetics, and spatially explicit processes to inform reintroduction of a threatened char. <i>Ecosphere</i> , 2019, 10, e02589.	1.0	27
2405	Consideration of habitat quality in a river connectivity index for anadromous fishes. <i>Inland Waters</i> , 2019, 9, 278-288.	1.1	13
2406	Mahseer (<i>Tor spp.</i>) fishes of the world: status, challenges and opportunities for conservation. <i>Reviews in Fish Biology and Fisheries</i> , 2019, 29, 417-452.	2.4	62
2407	Perceptions of drinking water quality from private wells in Alberta: A qualitative study. <i>Canadian Water Resources Journal</i> , 2019, 44, 291-306.	0.5	7
2408	Effects of Set-Point Substrate Moisture Control on Oomycete Disease Risk in Containerized Annual Crops Based on the Tomatoâ€™s <i>Phytophthora capsici</i> Pathosystem. <i>Phytopathology</i> , 2019, 109, 1441-1452.	1.1	6
2409	Mathematical study of spray flash evaporation in a spray-assisted seawater desalination chamber. <i>Desalination</i> , 2019, 465, 25-37.	4.0	24
2410	Community Response of Cladocera to Trophic Stress by Biomanipulation in a Shallow Oxbow Lake. <i>Water (Switzerland)</i> , 2019, 11, 929.	1.2	13
2412	A spatial stream-network approach assists in managing the remnant genetic diversity of riparian forests. <i>Scientific Reports</i> , 2019, 9, 6741.	1.6	7
2413	Green engineering principles for global water quality monitoring using IoT. <i>International Journal of Environment and Sustainable Development</i> , 2019, 18, 120.	0.2	3
2414	Water quality modelling of the Mekong River basin: Climate change and socioeconomics drive flow and nutrient flux changes to the Mekong Delta. <i>Science of the Total Environment</i> , 2019, 673, 218-229.	3.9	48
2415	Water Security Assessment of Chinaâ€™s One Belt and One Road Region. <i>Water (Switzerland)</i> , 2019, 11, 607.	1.2	20
2416	Facing a future water resources management crisis in sub-Saharan Africa. <i>Journal of Hydrology: Regional Studies</i> , 2019, 23, 100600.	1.0	17
2417	An extensively shared antibiotic resistome among four seasons suggests management prioritization in a subtropical riverine ecosystem. <i>Science of the Total Environment</i> , 2019, 673, 533-540.	3.9	14
2418	Effect of recreationalâ€™fisheries management on fish biodiversity in gravel pit lakes, with contrasts to unmanaged lakes. <i>Journal of Fish Biology</i> , 2019, 94, 865-881.	0.7	24
2419	Evaluating where and how habitat restoration is undertaken for animals. <i>Restoration Ecology</i> , 2019, 27, 775-781.	1.4	40
2420	A surface acoustic wave device for water impurity levels monitoring by measuring signal-to-perturbation ratios. <i>Japanese Journal of Applied Physics</i> , 2019, 58, 061002.	0.8	3
2421	Have the cake and eat it: Optimizing nondestructive DNA metabarcoding of macroinvertebrate samples for freshwater biomonitoring. <i>Molecular Ecology Resources</i> , 2019, 19, 863-876.	2.2	44
2422	Influence of urban river restoration on nitrogen dynamics at the sediment-water interface. <i>PLoS ONE</i> , 2019, 14, e0212690.	1.1	8

#	ARTICLE	IF	CITATIONS
2423	Photocatalysis of β -cyclodextrin-functionalised Fe ₃ O ₄ nanoparticles for degrading Bisphenol A in polluted waters. <i>Environmental Chemistry</i> , 2019, 16, 125.	0.7	7
2424	Poleward shift in large river fish communities detected with a novel meta-analysis framework. <i>Freshwater Biology</i> , 2019, 64, 1143-1156.	1.2	33
2425	The spread of resistance to imidacloprid is restricted by thermotolerance in natural populations of <i>Drosophila melanogaster</i> . <i>Nature Ecology and Evolution</i> , 2019, 3, 647-656.	3.4	26
2426	Global forecasts of shipping traffic and biological invasions to 2050. <i>Nature Sustainability</i> , 2019, 2, 274-282.	11.5	242
2427	Stable H and O isotope-based investigation of moisture sources and their role in river and groundwater recharge in the NE Carpathian Mountains, East-Central Europe. <i>Isotopes in Environmental and Health Studies</i> , 2019, 55, 161-178.	0.5	15
2428	Preserving the tree of life of the fish family Cyprinidae in Africa in the face of the ongoing extinction crisis. <i>Genome</i> , 2019, 62, 170-182.	0.9	6
2429	Climate versus demographic controls on water availability across India at 1.5°C, 2.0°C and 3.0°C global warming levels. <i>Global and Planetary Change</i> , 2019, 177, 1-9.	1.6	22
2430	Multi-scale analysis of functional plankton diversity in floodplain wetlands: Effects of river regulation. <i>Science of the Total Environment</i> , 2019, 667, 338-347.	3.9	41
2431	The first statewide stream macroinvertebrate bioassessment in Washington State with a relative risk and attributable risk analysis for multiple stressors. <i>Ecological Indicators</i> , 2019, 102, 175-185.	2.6	9
2432	Highly efficient and stable solar-powered desalination by tungsten carbide nanoarray film with sandwich wettability. <i>Science Bulletin</i> , 2019, 64, 391-399.	4.3	32
2433	New methods designed to estimate the daily discharges of rivers in the Tibetan Plateau. <i>Science Bulletin</i> , 2019, 64, 418-421.	4.3	13
2434	Hotspots of human impact on threatened terrestrial vertebrates. <i>PLoS Biology</i> , 2019, 17, e3000158.	2.6	95
2435	Temporal variation of major nutrients and probabilistic eutrophication evaluation based on stochastic-fuzzy method in Honghu Lake, Middle China. <i>Science China Technological Sciences</i> , 2019, 62, 417-426.	2.0	19
2436	An assessment of household water insecurity in a rapidly developing coastal metropolitan region of Indonesia. <i>Sustainable Cities and Society</i> , 2019, 46, 101382.	5.1	7
2437	The Impact of Upstream Sub-basins' Water Use on Middle Stream and Downstream Sub-basins' Water Security at Country-Basin Unit Spatial Scale and Monthly Temporal Resolution. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 450.	1.2	9
2438	A Simplified Method to Assess the Impact of Sediment and Nutrient Inputs on River Water Quality in Two Regions of the Southern Coast of South Africa. <i>Environmental Management</i> , 2019, 63, 658-672.	1.2	3
2439	Surface-Modified Conducting Polymer-Based Nanostructured Materials for the Removal of Toxic Heavy Metals from Wastewater. <i>Environmental Chemistry for A Sustainable World</i> , 2019, , 111-144.	0.3	4
2440	Monitoring of the Purification Quality of the Mirt Station with a View to Its Extension and the Optimization of Its Performances. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 267-279.	0.5	0

#	ARTICLE	IF	CITATIONS
2441	Global mapping of cost-effective microalgal biofuel production areas with minimal environmental impact. <i>GCB Bioenergy</i> , 2019, 11, 914-929.	2.5	33
2442	Springs drive downstream nitrate export from artificially-drained agricultural headwater catchments. <i>Science of the Total Environment</i> , 2019, 671, 119-128.	3.9	20
2443	The potential of ecosystem-based management to integrate biodiversity conservation and ecosystem service provision in aquatic ecosystems. <i>Science of the Total Environment</i> , 2019, 672, 1017-1020.	3.9	29
2444	Dry season habitat use of fishes in an Australian tropical river. <i>Scientific Reports</i> , 2019, 9, 5677.	1.6	13
2445	Metagenomic Profiling of Microbial Pathogens in the Little Bighorn River, Montana. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1097.	1.2	49
2446	Assessment of environmental gene tags linked with carbohydrate metabolism and chemolithotrophy associated microbial community in River Ganga. <i>Gene</i> , 2019, 704, 31-41.	1.0	23
2447	The Impact of Climate Change on Hydroecological Response in Chalk Streams. <i>Water (Switzerland)</i> , 2019, 11, 596.	1.2	9
2448	Mapping the Loss of Ecosystem Services in a Region Under Intensive Land Use Along the Southern Coast of South Africa. <i>Land</i> , 2019, 8, 51.	1.2	9
2449	Voluntary Management of Residential Water Demand in Low and Middle-Low Income Homes: A Pilot Study of Soacha (Colombia). <i>Water (Switzerland)</i> , 2019, 11, 216.	1.2	6
2450	Biofilm research within irrigation water distribution systems: Trends, knowledge gaps, and future perspectives. <i>Science of the Total Environment</i> , 2019, 673, 254-265.	3.9	18
2451	Temporal and spatial changes of blue water and green water in the Taihang Mountain Region, China, in the past 60 years. <i>Hydrological Sciences Journal</i> , 2019, 64, 2040-2056.	1.2	10
2452	Optimized urban water security regulation schemes driven by industrial development pattern. <i>Water Policy</i> , 2019, 21, 676-691.	0.7	3
2453	Examining Water Security in the Challenging Environment in Togo, West Africa. <i>Water (Switzerland)</i> , 2019, 11, 231.	1.2	32
2454	Recent developments in graphene-based polymer composite membranes: Preparation, mass transfer mechanism, and applications. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47761.	1.3	31
2455	Real-time river monitoring supports community management of low-flow periods. <i>Journal of Hydrology</i> , 2019, 572, 839-850.	2.3	10
2456	Correlation between Tennant method and Standardized Precipitation Index for predicting environmental flow condition using rainfall in Godavari Basin. <i>Paddy and Water Environment</i> , 2019, 17, 515-521.	1.0	21
2457	The ecological importance of unregulated tributaries to macroinvertebrate diversity and community composition in a regulated river. <i>Hydrobiologia</i> , 2019, 829, 291-305.	1.0	31
2458	AltEx: An open source web application and toolkit for accessing and exploring altimetry datasets. <i>Environmental Modelling and Software</i> , 2019, 117, 164-175.	1.9	12

#	ARTICLE	IF	CITATIONS
2459	Screening of pesticides and veterinary drugs in small streams in the European Union by liquid chromatography high resolution mass spectrometry. <i>Science of the Total Environment</i> , 2019, 670, 1204-1225.	3.9	105
2460	Macroinvertebrate abundance is lower in temperate reservoirs with higher winter drawdown. <i>Hydrobiologia</i> , 2019, 834, 199-211.	1.0	11
2461	Determining contemporary and historical sediment sources in a large drainage basin impacted by cumulative effects: the regulated Nechako River, British Columbia, Canada. <i>Journal of Soils and Sediments</i> , 2019, 19, 3357-3373.	1.5	19
2462	Navigating the complexities of coordinated conservation along the river Nile. <i>Science Advances</i> , 2019, 5, eaau7668.	4.7	25
2463	Congruence in riverine conditions and associations between native fish and several species of amphibians in a region prone to fish invasions. <i>Hydrobiologia</i> , 2019, 836, 109-122.	1.0	1
2464	Eyes to the Future: Approaches To Assess Pesticide Impact on Surface Waters in a Changing Climate. <i>ACS Symposium Series</i> , 2019, , 189-214.	0.5	3
2465	If you build it, they will go: A case study of stream fish diversity loss in an urbanizing riverscape. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 623-638.	0.9	9
2466	A study on the resistivity and mechanical properties of modified nano-Ag coated Cu particles in electrically conductive adhesives. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 9171-9183.	1.1	38
2467	Enhanced phosphate sequestration by Fe(III) modified biochar derived from coconut shell. <i>RSC Advances</i> , 2019, 9, 10425-10436.	1.7	50
2468	Water Purification Technologies. , 2019, , 83-120.		19
2469	Assessment of the water resource carrying capacity based on the ecological footprint: a case study in Zhangjiakou City, North China. <i>Environmental Science and Pollution Research</i> , 2019, 26, 11000-11011.	2.7	60
2470	Effects of macroconsumers on benthic communities across a gradient of vegetation loss in tropical karst streams. <i>Hydrobiologia</i> , 2019, 836, 21-34.	1.0	4
2471	Mineral scaling in membrane desalination: Mechanisms, mitigation strategies, and feasibility of scaling-resistant membranes. <i>Journal of Membrane Science</i> , 2019, 579, 52-69.	4.1	170
2472	Anthropogenic stressors are driving a steep decline of hemipteran diversity in dune ponds in north-eastern Algeria. <i>Journal of Insect Conservation</i> , 2019, 23, 475-488.	0.8	19
2473	Quantifying net water consumption of Norwegian hydropower reservoirs and related aquatic biodiversity impacts in Life Cycle Assessment. <i>Environmental Impact Assessment Review</i> , 2019, 76, 36-46.	4.4	22
2474	Post-release dispersal and spawning movements of a translocated lake sturgeon (<i>Acipenser</i>) Tj ETQq1 1 0.784314 rgBT /Overl... <i>Ichthyology</i> , 2019, 35, 103-116.	0.3	2
2475	Integrated hydrological modeling for assessment of water demand and supply under socio-economic and IPCC climate change scenarios using WEAP in Central Indus Basin. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2019, 68, 136-148.	0.6	30
2476	Stressor fluxes alter the relationship between beta-diversity and regional productivity. <i>Oikos</i> , 2019, 128, 1015-1026.	1.2	7

#	ARTICLE	IF	CITATIONS
2477	Human and animal microbial source tracking in a tropical river with multiple land use activities. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 645-654.	2.1	24
2478	Nanocomposites for Environmental Pollution Remediation. , 2019, , 1407-1440.		4
2479	Multifunctional magnetic sphere-MoS ₂ @Au hybrid for surface-enhanced Raman scattering detection and visible light photo-Fenton degradation of aromatic dyes. <i>Chemosphere</i> , 2019, 223, 465-473.	4.2	44
2480	A coupled modelling framework to assess the hydroecological impact of climate change. <i>Environmental Modelling and Software</i> , 2019, 114, 12-28.	1.9	7
2481	Advanced Intelligent Systems for Sustainable Development (AI2SD™2018). <i>Advances in Intelligent Systems and Computing</i> , 2019, , .	0.5	2
2482	Flow-mediated movement of freshwater catfish, <i>Tandanus bostocki</i> , in a regulated semi-urban river, to inform environmental water releases. <i>Ecology of Freshwater Fish</i> , 2019, 28, 434-445.	0.7	7
2483	Limits to the world's green water resources for food, feed, fiber, timber, and bioenergy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4893-4898.	3.3	177
2484	State of future water regimes in the world's river basins: balancing the water between society and nature. <i>Critical Reviews in Environmental Science and Technology</i> , 2019, 49, 1107-1133.	6.6	46
2485	Diatom diversity in streams increases with spatial scale and decreases with nutrient enrichment across regional to subcontinental scales. <i>Journal of Biogeography</i> , 2019, 46, 734-744.	1.4	26
2486	Predicting biochemical oxygen demand in European freshwater bodies. <i>Science of the Total Environment</i> , 2019, 666, 1089-1105.	3.9	54
2487	Effects of dam construction on biodiversity: A review. <i>Journal of Cleaner Production</i> , 2019, 221, 480-489.	4.6	186
2488	Water Debt Indicator Reveals Where Agricultural Water Use Exceeds Sustainable Levels. <i>Water Resources Research</i> , 2019, 55, 2464-2477.	1.7	43
2489	High-performance polyamide membrane with tailored water channel prepared via bionic neural networks for textile wastewater treatment. <i>Journal of Materials Chemistry A</i> , 2019, 7, 6695-6707.	5.2	50
2490	Patterns of Odonata Assemblages in Lotic and Lentic Systems in the Ankasa Conservation Area, Ghana. <i>International Journal of Zoology</i> , 2019, 2019, 1-14.	0.3	8
2491	The ichthyology collection at the Natural History Museum of El Salvador (MUHNES): Species checklist and new country records. <i>Zootaxa</i> , 2019, 4559, 281.	0.2	3
2492	Environmental Thresholds of Nepomorpha in Cerrado Streams, Brazilian Savannah. <i>Neotropical Entomology</i> , 2019, 48, 186-196.	0.5	13
2493	Multistage integrated water security assessment in a typical region of Northwestern China. <i>Journal of Cleaner Production</i> , 2019, 220, 732-744.	4.6	33
2494	A Support Vector Machine Based Approach for Predicting the Risk of Freshwater Disease Emergence in England. <i>Stats</i> , 2019, 2, 89-103.	0.5	5

#	ARTICLE	IF	CITATIONS
2495	Living in an amphidromous world: Perspectives on the management of fish passage from an island nation. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 1424-1437.	0.9	15
2496	Differential resource consumption in leaf litter mixtures by native and non-native amphipods. <i>Aquatic Ecology</i> , 2019, 53, 151-162.	0.7	5
2497	Performance of Landsat-8 and Sentinel-2 surface reflectance products for river remote sensing retrievals of chlorophyll-a and turbidity. <i>Remote Sensing of Environment</i> , 2019, 224, 104-118.	4.6	195
2498	Population genetics of Indian giant river-catfish, <i>Sperata seenghala</i> (Sykes, 1839) using microsatellite markers. <i>Aquatic Living Resources</i> , 2019, 32, 4.	0.5	9
2499	Global virtual water trade and the hydrological cycle: patterns, drivers, and socio-environmental impacts. <i>Environmental Research Letters</i> , 2019, 14, 053001.	2.2	118
2501	Aligning the Freshwater Health Index Indicator System against the Transboundary Water Governance Framework of Southeast Asia's Sesan, Srepok, and Sekong River Basin. <i>Water (Switzerland)</i> , 2019, 11, 2307.	1.2	9
2502	Linkages between Water and Forests in South American Watersheds under Restoration. , 2019, , .		0
2503	Appeal for a Comprehensive Assessment of the Potential Ecological Impacts of the Proposed Platte-Republican Diversion Project. <i>Great Plains Research</i> , 2019, 29, 123-135.	0.2	4
2504	Using a Complex Network to Analyze the Effects of the Three Gorges Dam on Water Level Fluctuation in Poyang Lake. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 470.	1.4	9
2505	Spatial Distribution and Ecological Risk Assessment of Potentially Harmful Trace Elements in Surface Sediments from Lake Dali, North China. <i>Water (Switzerland)</i> , 2019, 11, 2544.	1.2	10
2508	Design Criteria for Planning the Agricultural Rainwater Harvesting Systems: A Review. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5298.	1.3	8
2509	Who is Afraid of Biodiversity? Proposal for a Research Agenda for Environmental History. <i>Environment and History</i> , 2019, 25, 613-647.	0.1	5
2510	A global hydrology research agenda fit for the 2030s. <i>Hydrology Research</i> , 2019, 50, 1464-1480.	1.1	18
2511	Rise of cyborg microrobot: different story for different configuration. <i>IET Nanobiotechnology</i> , 2019, 13, 651-664.	1.9	9
2512	The myth of abundance: water resources in humid regions. <i>Water Policy</i> , 2019, 21, 1065-1080.	0.7	9
2513	Freshwater Supply to Metropolitan Shanghai: Issues of Quality from Source to Consumers. <i>Water (Switzerland)</i> , 2019, 11, 2176.	1.2	4
2514	Implementation of a Satellite Based Inland Water Algal Bloom Alerting System Using Analysis Ready Data. <i>Remote Sensing</i> , 2019, 11, 2954.	1.8	18
2515	Water quality for rural home supplying in the south of Brazil. <i>Acta Scientiarum - Biological Sciences</i> , 2019, 41, 43266.	0.3	0

#	ARTICLE	IF	CITATIONS
2516	Designing an additional freshwater source infrastructure to ensure the environmental sustainability of coastal areas. IOP Conference Series: Earth and Environmental Science, 2019, 395, 012001.	0.2	8
2517	Salient to Whom? The Positioning of German Political Parties on Agricultural Pollutants in Water Bodies. Water (Switzerland), 2019, 11, 2278.	1.2	8
2518	RUNOFF SHRINKAGE IN THE WUYUR RIVER BASIN, NORTH-EAST CHINA, AND ITS INFLUENCE ON THE SUCCESSION OF SALINE MARSH IN THE LOWER REACHES. Irrigation and Drainage, 2019, 68, 1002-1011.	0.8	0
2520	Using co-occurrence network topology in assessing ecological stress in benthic macroinvertebrate communities. Ecology and Evolution, 2019, 9, 12789-12801.	0.8	2
2521	Anthropogenic Effects on Hydrogen and Oxygen Isotopes of River Water in Cities. International Journal of Environmental Research and Public Health, 2019, 16, 4429.	1.2	9
2523	Application and Evaluation of Energy Conservation Technologies in Wastewater Treatment Plants. Applied Sciences (Switzerland), 2019, 9, 4501.	1.3	9
2524	Spatial shifts and habitat partitioning of ichthyofauna within the middle-lower region of the Pungwe Basin, Mozambique. Journal of Freshwater Ecology, 2019, 34, 685-702.	0.5	4
2525	Detectable Levels of Bacterial Pathogens in the Rivers of the Lake Chaohu Basin, China. International Journal of Environmental Research and Public Health, 2019, 16, 4857.	1.2	2
2526	Analysis of Water Resource Benefits Due to Power Grid Interconnections Using the Virtual Water Method. Global Energy Interconnection, 2019, 2, 276-284.	1.4	2
2527	Thioether-based recyclable metal-organic frameworks for selective and efficient removal of Hg ²⁺ from water. Dalton Transactions, 2019, 48, 17800-17809.	1.6	19
2528	Cyclopentane hydrate-based processes for treating heavy metal containing wastewater. E3S Web of Conferences, 2019, 118, 04039.	0.2	4
2529	Urban Water Security: Definition and Assessment Framework. Resources, 2019, 8, 178.	1.6	45
2530	Water is a master variable: Solving for resilience in the modern era. Water Security, 2019, 8, 100048.	1.2	46
2531	A Humboldtian Approach to Mountain Conservation and Freshwater Ecosystem Services. Frontiers in Environmental Science, 2019, 7, .	1.5	39
2532	Antagonistic, synergistic and direct effects of land use and climate on Prairie wetland ecosystems: Ghosts of the past or present?. Diversity and Distributions, 2019, 25, 1924-1940.	1.9	12
2533	A fresh look at inland fisheries and their role in food security and livelihoods. Fish and Fisheries, 2019, 20, 1176-1195.	2.7	148
2534	Streamflow Variability in Mahaweli River Basin of Sri Lanka during 1990-2014 and Its Possible Mechanisms. Water (Switzerland), 2019, 11, 2485.	1.2	14
2535	Conceptualizing Hydro-socio-ecological Relationships to Enable More Integrated and Inclusive Water Allocation Planning. One Earth, 2019, 1, 361-373.	3.6	34

#	ARTICLE	IF	CITATIONS
2536	Recruitment of a critically endangered sawfish into a riverine nursery depends on natural flow regimes. <i>Scientific Reports</i> , 2019, 9, 17071.	1.6	12
2537	Microbiological Constraints for Use of Reclaimed and Reconditioned Water in Food Production and Processing Operations. , 0 , 1021-1047.		0
2538	Spatiotemporal Dynamics and Obstacles of the Multi-Functionality of Land Use in Xiangxi, China. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3649.	1.3	10
2539	Blue Water in Europe: Estimates of Current and Future Availability and Analysis of Uncertainty. <i>Water (Switzerland)</i> , 2019, 11, 420.	1.2	14
2540	Estimating River Discharges in Ungauged Catchments Using the Slope–Area Method and Unmanned Aerial Vehicle. <i>Water (Switzerland)</i> , 2019, 11, 2361.	1.2	28
2541	Integrating multiple aquatic values: Perspectives and a collaborative future for river science. <i>River Research and Applications</i> , 2019, 35, 1607-1614.	0.7	9
2542	Mapping Micro-Pollutants and Their Impacts on the Size Structure of Streambed Communities. <i>Water (Switzerland)</i> , 2019, 11, 2610.	1.2	10
2543	Power Law Growth and Delayed Feedbacks in Socio–Hydrological Systems. <i>Earth's Future</i> , 2019, 7, 1220-1231.	2.4	1
2544	A Review of Earth Observation-Based Analyses for Major River Basins. <i>Remote Sensing</i> , 2019, 11, 2951.	1.8	17
2545	Global hydro-environmental sub-basin and river reach characteristics at high spatial resolution. <i>Scientific Data</i> , 2019, 6, 283.	2.4	246
2546	Assessing water security in the São Paulo metropolitan region under projected climate change. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 4955-4968.	1.9	23
2547	GLOBAL-FATE (version 1.0.0): A geographical information system (GIS)-based model for assessing contaminants fate in the global river network. <i>Geoscientific Model Development</i> , 2019, 12, 5213-5228.	1.3	16
2548	Long-term analysis of fish assemblage structure in the middle section of the Sava River – The impact of pollution, flood protection and dam construction. <i>Science of the Total Environment</i> , 2019, 651, 143-153.	3.9	28
2549	Agriculture, diversions, and drought shrinking Galilee Sea. <i>Science of the Total Environment</i> , 2019, 651, 70-83.	3.9	37
2550	Contrasting associations between habitat conditions and stream aquatic biodiversity in a forest reserve and its surrounding area in the Eastern Amazon. <i>Hydrobiologia</i> , 2019, 826, 263-277.	1.0	17
2551	Environmental Footprints of Water – Concepts, Tools, Importance and Challenges. <i>Environmental Footprints and Eco-design of Products and Processes</i> , 2019, , 1-20.	0.7	0
2552	Defining Multiple Stressor Implications. , 2019, , 1-22.		10
2553	An Introduction to the Geography of Multiple Stressors. , 2019, , 131-137.		0

#	ARTICLE	IF	CITATIONS
2554	Multiple Stressors in African Freshwater Systems. , 2019, , 179-191.		7
2555	An Integrated Perspective of Multiple Stressors in River Ecosystems From the Catchment to the Continental Scale. , 2019, , 353-374.		2
2556	The assessment of fishery status depends on fish habitats. Fish and Fisheries, 2019, 20, 1-14.	2.7	52
2557	Socio-Economic and Policy Implications of Multi-Stressed Rivers: A European Perspective. , 2019, , 335-351.		1
2558	Bioremediation through microbes: systems biology and metabolic engineering approach. Critical Reviews in Biotechnology, 2019, 39, 79-98.	5.1	206
2559	AWARE-US: Quantifying water stress impacts of energy systems in the United States. Science of the Total Environment, 2019, 648, 1313-1322.	3.9	33
2560	Blood Transcriptomics Analysis of Fish Exposed to Perfluoro Alkyls Substances: Assessment of a Non-Lethal Sampling Technique for Advancing Aquatic Toxicology Research. Environmental Science & Technology, 2019, 53, 1441-1452.	4.6	35
2561	Green fabrication of bentonite/chitosan@cobalt oxide composite (BE/CH@Co) of enhanced adsorption and advanced oxidation removal of Congo red dye and Cr (VI) from water. International Journal of Biological Macromolecules, 2019, 126, 402-413.	3.6	164
2562	Habitat use and hybridisation between the Rocky Mountain sculpin (<i>Cottus</i> sp.) and slimy sculpin (<i>Cottus cognatus</i>). Freshwater Biology, 2019, 64, 391-404.	1.2	7
2563	Traditionally managed landscapes do not prevent amphibian decline and the extinction of paedomorphosis. Ecological Monographs, 2019, 89, e01347.	2.4	15
2564	A new approach for assessing natural patterns of flow variability and hydrological alterations: The case of the Spanish rivers. Journal of Environmental Management, 2019, 233, 200-210.	3.8	25
2565	Potential distribution of riffle beetles (Coleoptera: Elmidae) in southern Brazil. Austral Entomology, 2019, 58, 646-656.	0.8	4
2566	Sediment-associated organopollutants, metals and nutrients in the Nechako River, British Columbia: a current study with a synthesis of historical data. Canadian Water Resources Journal, 2019, 44, 42-64.	0.5	7
2567	Cost Impact of Climate Change on Agricultural Production in Turkey. The Anthropocene: Politik - Economics - Society - Science, 2019, , 393-412.	0.2	0
2568	Subsurface biogeochemistry is a missing link between ecology and hydrology in dam-impacted river corridors. Science of the Total Environment, 2019, 657, 435-445.	3.9	19
2569	Immediate and legacy effects of urban pollution on river ecosystem functioning: A mesocosm experiment. Ecotoxicology and Environmental Safety, 2019, 169, 960-970.	2.9	28
2570	High-flux efficient catalytic membranes incorporated with iron-based Fenton-like catalysts for degradation of organic pollutants. Journal of Membrane Science, 2019, 573, 493-503.	4.1	46
2571	Assessing conservation priorities of endemic freshwater fishes in the Tropical Andes region. Aquatic Conservation: Marine and Freshwater Ecosystems, 2019, 29, 1123-1132.	0.9	22

#	ARTICLE	IF	CITATIONS
2572	Enantiomeric environmental behavior, oxidative stress and toxin release of harmful cyanobacteria <i>Microcystis aeruginosa</i> in response to napropamide and acetochlor. <i>Environmental Pollution</i> , 2019, 246, 728-733.	3.7	24
2573	Snorkeling-Based Fish Stock Assessment by Anglers—A Valuable Method for Managing Recreational Fisheries. <i>North American Journal of Fisheries Management</i> , 2019, 39, 82-90.	0.5	1
2574	Urban Drought. <i>Disaster Risk Reduction</i> , 2019, , .	0.2	10
2575	Pesticides in surface waters: from edge-of-field to global modelling. <i>Current Opinion in Environmental Sustainability</i> , 2019, 36, 78-84.	3.1	33
2576	Carbon dioxide emission coupled extracellular enzyme activity at land-water interface predict C-eutrophication and heavy metal contamination in Ganga River, India. <i>Ecological Indicators</i> , 2019, 99, 349-364.	2.6	22
2577	Tuning the functional groups of a graphene oxide membrane by -OH contributes to the nearly complete prevention of membrane fouling. <i>Journal of Membrane Science</i> , 2019, 576, 190-197.	4.1	14
2578	Borate Inorganic Cross-Linked Durable Graphene Oxide Membrane Preparation and Membrane Fouling Control. <i>Environmental Science & Technology</i> , 2019, 53, 1501-1508.	4.6	37
2579	High-Resolution Modeling of Reservoir Release and Storage Dynamics at the Continental Scale. <i>Water Resources Research</i> , 2019, 55, 787-810.	1.7	71
2580	Environmental assessment of sustainable energy options for multi-effect distillation of brackish water in isolated communities. <i>Journal of Cleaner Production</i> , 2019, 213, 1371-1379.	4.6	19
2581	Analysing progress of sustainable development goal 6 in India: Past, present, and future. <i>Journal of Environmental Management</i> , 2019, 232, 1049-1065.	3.8	42
2582	Identification of conservation and restoration priority areas in the Danube River based on the multi-functionality of river-floodplain systems. <i>Science of the Total Environment</i> , 2019, 654, 763-777.	3.9	72
2583	Climate Change and Freshwater Resources: Current Observations, Impacts, Vulnerabilities and Future Risks. <i>Springer Water</i> , 2019, , 55-78.	0.2	0
2584	Index of biotic integrity based on phytoplankton and water quality index: Do they have a similar pattern on water quality assessment? A study of rivers in Lake Taihu Basin, China. <i>Science of the Total Environment</i> , 2019, 658, 395-404.	3.9	34
2585	Niche position drives interspecific variation in occupancy and abundance in a highly-connected lake system. <i>Ecological Indicators</i> , 2019, 99, 159-166.	2.6	14
2586	Co-occurrence patterns of the microbial community in polycyclic aromatic hydrocarbon-contaminated riverine sediments. <i>Journal of Hazardous Materials</i> , 2019, 367, 99-108.	6.5	85
2587	Revising the index of watershed integrity national maps. <i>Science of the Total Environment</i> , 2019, 651, 2615-2630.	3.9	13
2588	The role of energy-water nexus in water conservation at regional levels in China. <i>Journal of Cleaner Production</i> , 2019, 210, 298-308.	4.6	34
2589	Cost-effective restoration and conservation planning in Green and Blue Infrastructure designs. A case study on the Intercontinental Biosphere Reserve of the Mediterranean: Andalusia (Spain) and Morocco. <i>Science of the Total Environment</i> , 2019, 652, 1463-1473.	3.9	37

#	ARTICLE	IF	CITATIONS
2590	Learning from the Ancient Maya: Exploring the Impact of Drought on Population Dynamics. <i>Ecological Economics</i> , 2019, 157, 1-16.	2.9	24
2591	Biofouling Detection on Reverse Osmosis Membranes. <i>Energy, Environment, and Sustainability</i> , 2019, , 379-402.	0.6	0
2592	Susceptibility of European freshwater fish to climate change: Species profiling based on lifeâ€œhistory and environmental characteristics. <i>Global Change Biology</i> , 2019, 25, 448-458.	4.2	55
2593	Emerging threats and persistent conservation challenges for freshwater biodiversity. <i>Biological Reviews</i> , 2019, 94, 849-873.	4.7	1,766
2594	A systematic review of assessment and conservation management in large floodplain rivers â€œ Actions postponed. <i>Ecological Indicators</i> , 2019, 98, 453-461.	2.6	44
2595	Ensemble learning regression for estimating river discharges using satellite altimetry data: Central Congo River as a Test-bed. <i>Remote Sensing of Environment</i> , 2019, 221, 741-755.	4.6	42
2596	Implications of Water Insecurity and Future Prospects in Asian Cities. <i>Disaster Risk Reduction</i> , 2019, , 413-427.	0.2	5
2597	Developing Water Security Index for Urban Areas. <i>Disaster Risk Reduction</i> , 2019, , 53-68.	0.2	8
2598	Designing freshwater protected areas (FPAs) for indiscriminate fisheries. <i>Ecological Modelling</i> , 2019, 393, 127-134.	1.2	32
2599	Spatiotemporal patterns and effects of climate and land use on surface water extent dynamics in a dryland region with three decades of Landsat satellite data. <i>Science of the Total Environment</i> , 2019, 658, 1574-1585.	3.9	42
2600	Agriculture versus wastewater pollution as drivers of macroinvertebrate community structure in streams. <i>Science of the Total Environment</i> , 2019, 659, 1256-1265.	3.9	60
2601	Deep Active Learning for In Situ Plankton Classification. <i>Lecture Notes in Computer Science</i> , 2019, , 5-15.	1.0	14
2602	Inland surface waters in protected areas globally: Current coverage and 30-year trends. <i>PLoS ONE</i> , 2019, 14, e0210496.	1.1	38
2603	Development of an advanced multifunctional portable water purifier. <i>Nanotechnology for Environmental Engineering</i> , 2019, 4, 1.	2.0	12
2604	Position of the Society for Nutrition Education and Behavior: The Importance of Including Environmental Sustainability in Dietary Guidance. <i>Journal of Nutrition Education and Behavior</i> , 2019, 51, 3-15.e1.	0.3	107
2605	Do agricultural pesticides in streams influence riparian spiders?. <i>Science of the Total Environment</i> , 2019, 660, 126-135.	3.9	29
2606	Development of a Generic Domestic Water Security Index, and Its Application in Addis Ababa, Ethiopia. <i>Water (Switzerland)</i> , 2019, 11, 37.	1.2	39
2607	Environment-driven geographical distribution of bacterial communities and identification of indicator taxa in Songhua River. <i>Ecological Indicators</i> , 2019, 101, 62-70.	2.6	37

#	ARTICLE	IF	CITATIONS
2608	100-year time series reveal little morphological change following impoundment and predator invasion in two Neotropical characids. <i>Evolutionary Applications</i> , 2019, 12, 1385-1401.	1.5	11
2609	Spatiotemporal trends of dryness/wetness duration and severity: The respective contribution of precipitation and temperature. <i>Atmospheric Research</i> , 2019, 216, 176-185.	1.8	52
2610	Growth and recruitment dynamics of young-of-year northern pike: Implications for habitat conservation and management. <i>Ecology of Freshwater Fish</i> , 2019, 28, 285-301.	0.7	15
2611	River science and management issues in Chile: Hydropower development and native fish communities. <i>River Research and Applications</i> , 2019, 35, 489-499.	0.7	22
2612	Understanding environmental change through the lens of trait-based, functional, and phylogenetic biodiversity in freshwater ecosystems. <i>Environmental Reviews</i> , 2019, 27, 263-273.	2.1	57
2613	Sentinel-2/Landsat-8 product consistency and implications for monitoring aquatic systems. <i>Remote Sensing of Environment</i> , 2019, 220, 19-29.	4.6	172
2614	Ontogeny of light avoidance in juvenile lake sturgeon. <i>Journal of Applied Ichthyology</i> , 2019, 35, 202-209.	0.3	14
2615	Infrastructure and Urban Planning Context for Achieving the Visions of Integrated Urban Water Management and Water Sensitive Urban Design. , 2019, , 329-350.		4
2616	The Environmental Impact of Cattle Access to Watercourses: A Review. <i>Journal of Environmental Quality</i> , 2019, 48, 340-351.	1.0	41
2617	Facile synthesis of recycling Fe ₃ O ₄ /graphene adsorbents with potassium humate for Cr(VI) removal. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 560, 384-392.	2.3	37
2618	Environmental changes promote larger species of Odonata (Insecta) in Amazonian streams. <i>Ecological Indicators</i> , 2019, 98, 179-192.	2.6	27
2619	Differential stimulation and suppression of phytoplankton growth by ammonium enrichment in eutrophic hardwater lakes over 16 years. <i>Limnology and Oceanography</i> , 2019, 64, S130.	1.6	33
2620	Global multi-pollutant modelling of water quality: scientific challenges and future directions. <i>Current Opinion in Environmental Sustainability</i> , 2019, 36, 116-125.	3.1	80
2621	Strategic allocation of water conservation incentives to balance environmental flows and societal outcomes. <i>Ecological Engineering</i> , 2019, 127, 160-169.	1.6	26
2622	Climatic or regionally induced by humans? Tracing hydro-climatic and land-use changes to better understand the Lake Urmia tragedy. <i>Journal of Hydrology</i> , 2019, 569, 203-217.	2.3	171
2623	Is the global public willing to drink recycled water? A review for researchers and practitioners. <i>Utilities Policy</i> , 2019, 56, 53-61.	2.1	43
2624	Evaluating impacts of fish stock enhancement and biodiversity conservation actions on the livelihoods of small-scale fishers on the Beiji River, China. <i>Natural Resource Modelling</i> , 2019, 32, .	0.8	1
2625	Effects of a river restoration project along the Old Rhine River (France-Germany): Response of macroinvertebrate communities. <i>Ecological Engineering</i> , 2019, 127, 114-124.	1.6	22

#	ARTICLE	IF	CITATIONS
2626	Key Factors Affecting Temporal Variability in Stream Water Quality. <i>Water Resources Research</i> , 2019, 55, 112-129.	1.7	72
2627	Salt in freshwaters: causes, effects and prospects - introduction to the theme issue. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180002.	1.8	110
2628	Salinity impacts on river ecosystem processes: a critical mini-review. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180010.	1.8	68
2629	Regulations are needed to protect freshwater ecosystems from salinization. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180019.	1.8	100
2630	Evaluation of potentially toxic element contamination in the riparian zone of the River Sava. <i>Catena</i> , 2019, 174, 399-412.	2.2	49
2631	Magnetically responsive porous materials for efficient adsorption and desorption processes. <i>Chinese Journal of Chemical Engineering</i> , 2019, 27, 1324-1338.	1.7	15
2632	Using multivariate statistical analyses to identify and evaluate the main sources of contamination in a polluted river near to the Liaodong Bay in Northeast China. <i>Environmental Pollution</i> , 2019, 245, 1058-1070.	3.7	25
2633	On the use of multicriteria decision analysis to formally integrate community values into ecosystem-based freshwater management. <i>River Research and Applications</i> , 2019, 35, 1666-1676.	0.7	9
2634	Theory, tools, and multidisciplinary applications for tracing groundwater fluxes from temperature profiles. <i>Wiley Interdisciplinary Reviews: Water</i> , 2019, 6, e1329.	2.8	50
2635	Analytical and bioanalytical assessments of organic micropollutants in the Bosna River using a combination of passive sampling, bioassays and multi-residue analysis. <i>Science of the Total Environment</i> , 2019, 650, 1599-1612.	3.9	36
2636	Re-framing the decision context over trade-offs among ecosystem services and wellbeing in a major river basin where water resources are highly contested. <i>Sustainability Science</i> , 2019, 14, 713-731.	2.5	16
2637	Adsorption Removal of Safranin Dye Contaminants from Water Using Various Types of Natural Zeolite. <i>Silicon</i> , 2019, 11, 1635-1647.	1.8	90
2638	Testing an environmental flow-based decision support tool: Evaluating the fish model in the Murray Flow Assessment Tool. <i>Environmental Modelling and Software</i> , 2019, 111, 72-93.	1.9	4
2639	Macroinvertebrate community responses to river impoundment at multiple spatial scales. <i>Science of the Total Environment</i> , 2019, 650, 2648-2656.	3.9	33
2640	The impact of socio-economic development and climate change on E. coli loads and concentrations in Kabul River, Pakistan. <i>Science of the Total Environment</i> , 2019, 650, 1935-1943.	3.9	21
2641	Characteristics, sources, water quality and health risk assessment of trace elements in river water and well water in the Chinese Loess Plateau. <i>Science of the Total Environment</i> , 2019, 650, 2004-2012.	3.9	338
2642	Maximizing power production in path and tree riverine networks. <i>Sustainable Computing: Informatics and Systems</i> , 2019, 22, 300-310.	1.6	0
2643	Water policy interventions for food security in Afghanistan. <i>International Journal of Water Resources Development</i> , 2019, 35, 49-70.	1.2	8

#	ARTICLE	IF	CITATIONS
2644	Recent advances about metal-organic frameworks in the removal of pollutants from wastewater. <i>Coordination Chemistry Reviews</i> , 2019, 378, 17-31.	9.5	479
2645	Management challenges related to long-term ecological impacts, complex stressor interactions, and different assessment approaches in the Danube River Basin. <i>River Research and Applications</i> , 2019, 35, 500-509.	0.7	37
2646	Public acceptance of recycled water. <i>International Journal of Water Resources Development</i> , 2019, 35, 551-586.	1.2	121
2647	Towards a systems approach for river basin management—Lessons from Australia's largest river. <i>River Research and Applications</i> , 2019, 35, 466-475.	0.7	27
2648	Reducing the water cost in livestock with adoption of best practices. <i>Environment, Development and Sustainability</i> , 2019, 21, 2013-2023.	2.7	4
2649	Local geology determines responses of stream producers and fungal decomposers to nutrient enrichment: A field experiment. <i>Ambio</i> , 2019, 48, 100-110.	2.8	5
2650	Spatial analysis of the benefits and burdens of ecological focus areas for water-related ecosystem services vulnerable to climate change in Europe. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2019, 24, 205-233.	1.0	4
2651	Assessment of Human Health Risk Associated with High Groundwater Fluoride Intake in Southern Districts of Punjab, India. <i>Exposure and Health</i> , 2019, 11, 267-275.	2.8	101
2652	Network Pollution Games. <i>Algorithmica</i> , 2019, 81, 124-166.	1.0	3
2653	Effect of untreated urban effluents on the accumulation of toxic metals in river sediments under tropical conditions: Funa River, Kinshasa, Democratic Republic of the Congo. <i>Water and Environment Journal</i> , 2020, 34, 180-188.	1.0	5
2654	Evapotranspiration in North America: implications for water resources in a changing climate. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2020, 25, 205-220.	1.0	3
2655	Compliance with and ecosystem function of biodiversity offsets in North American and European freshwaters. <i>Conservation Biology</i> , 2020, 34, 41-53.	2.4	24
2656	3D Graphene-Based Macrostructures for Water Treatment. <i>Advanced Materials</i> , 2020, 32, e1806843.	11.1	158
2657	Freshwater Habitats and Freshwater-Dependent Habitats in Poland. <i>Handbook of Environmental Chemistry</i> , 2020, , 251-268.	0.2	0
2658	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
2660	Dwindling water supply and its socio-economic impact in Sekyere Kumawu District in Ashanti Region of Ghana: public opinion on the role of climate change. <i>Geo Journal</i> , 2020, 85, 1355-1372.	1.7	6
2661	What about the tributaries of the tributaries? Fish migrations, fisheries, dams and fishers' knowledge in North-Eastern Thailand. <i>International Journal of Water Resources Development</i> , 2020, 36, 170-199.	1.2	13
2662	Temporal and spatial distribution of diatom assemblages and their relationship with environmental factors in Balikhli River (NW Iran). <i>Ecohydrology and Hydrobiology</i> , 2020, 20, 102-111.	1.0	10

#	ARTICLE	IF	CITATIONS
2663	The role of species introduction in modifying the functional diversity of native communities. <i>Science of the Total Environment</i> , 2020, 699, 134364.	3.9	24
2664	Small-sized fish as possible seed dispersers: disclosing novel fish and plant species interactions in the Pantanal wetland. <i>Studies on Neotropical Fauna and Environment</i> , 2020, 55, 36-43.	0.5	8
2665	Is there sustainability for "satellite" ornamental fishing regions? A case study of Guamã River basin-Parã -Brasil. <i>Fisheries Research</i> , 2020, 221, 105354.	0.9	1
2666	Finding the Voice of the River. , 2020, , .		13
2667	Anthropogenic habitat alternation significantly decreases α - and β -diversity of benthopelagic metacommunity in a large floodplain lake. <i>Hydrobiologia</i> , 2020, 847, 293-307.	1.0	21
2668	Reciprocal insights from global aquatic stressor maps and local reporting across the Ramsar wetland network. <i>Ecological Indicators</i> , 2020, 109, 105772.	2.6	6
2669	Interfacially crosslinked β -cyclodextrin polymer composite porous membranes for fast removal of organic micropollutants from water by flow-through adsorption. <i>Journal of Hazardous Materials</i> , 2020, 384, 121187.	6.5	49
2670	Evaluation of the mercury ions adsorption capacity of copper-based metal-organic frameworks/poly (lactic acid) composites. <i>Polymer-Plastics Technology and Materials</i> , 2020, 59, 505-516.	0.6	2
2671	Limitations of trait-based approaches for stressor assessment: The case of freshwater invertebrates and climate drivers. <i>Global Change Biology</i> , 2020, 26, 364-379.	4.2	29
2672	Monthly rainfall forecasting with Markov Chain Monte Carlo simulations integrated with statistical bivariate copulas. , 2020, , 89-105.		4
2673	Freshwater mussels increase survival of largemouth bass (<i>Micropterus salmoides</i>) in drying pools. <i>Ecology of Freshwater Fish</i> , 2020, 29, 220-229.	0.7	6
2674	Designing flows to enhance ecosystem functioning in heavily altered rivers. <i>Ecological Applications</i> , 2020, 30, e02005.	1.8	26
2675	Tracing geochemical pollutants in stream water and soil from mining activity in an alpine catchment. <i>Chemosphere</i> , 2020, 242, 125167.	4.2	16
2676	Desalination and Li ⁺ enrichment via formation of cyclopentane hydrate. <i>Separation and Purification Technology</i> , 2020, 231, 115921.	3.9	29
2677	Spatial avoidance of tuãfish <i>Schizopygopsis youngusbandi</i> for different sounds may inform behavioural deterrence strategies. <i>Fisheries Management and Ecology</i> , 2020, 27, 10-19.	1.0	4
2678	Wetland as a Sustainable Reservoir of Ecosystem Services: Prospects of Threat and Conservation. , 2020, , 31-43.		8
2679	Contribution of Microbes in the Renovation of Wetlands. , 2020, , 101-124.		5
2680	Fresh Water Pollution Dynamics and Remediation. , 2020, , .		34

#	ARTICLE	IF	CITATIONS
2681	Harmful algae at the complex nexus of eutrophication and climate change. <i>Harmful Algae</i> , 2020, 91, 101583.	2.2	222
2682	Efficient mercury chloride capture by ultrathin 2D metal-organic framework nanosheets. <i>Chemical Engineering Journal</i> , 2020, 379, 122337.	6.6	41
2683	Embedded reservoir and constructed wetland for drinking water source protection: Effects on nutrient removal and phytoplankton succession. <i>Journal of Environmental Sciences</i> , 2020, 87, 260-271.	3.2	35
2684	Effects of season and sediment-water exchange processes on the partitioning of pesticides in the catchment environment: Implications for pesticides monitoring. <i>Science of the Total Environment</i> , 2020, 698, 134228.	3.9	53
2685	Understanding gas bubble trauma in an era of hydropower expansion: how do fish compensate at depth?. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2020, 77, 556-563.	0.7	32
2686	Challenges to saving China's freshwater biodiversity: Fishery exploitation and landscape pressures. <i>Ambio</i> , 2020, 49, 926-938.	2.8	55
2687	Model-Based Clustering of Nonparametric Weighted Networks With Application to Water Pollution Analysis. <i>Technometrics</i> , 2020, 62, 161-172.	1.3	6
2688	Household water insecurity is strongly associated with food insecurity: Evidence from 27 sites in low- and middle-income countries. <i>American Journal of Human Biology</i> , 2020, 32, e23309.	0.8	101
2689	Remotely assessing and monitoring coastal and inland water quality in China: Progress, challenges and outlook. <i>Critical Reviews in Environmental Science and Technology</i> , 2020, 50, 1266-1302.	6.6	30
2690	Sustainability of water and energy use for food production based on optimal allocation of agricultural irrigation water. <i>International Journal of Water Resources Development</i> , 2020, 36, 528-546.	1.2	16
2691	eDNA metabarcoding in zooplankton improves the ecological status assessment of aquatic ecosystems. <i>Environment International</i> , 2020, 134, 105230.	4.8	53
2692	Spatial distribution of agricultural pesticide use and predicted wetland exposure in the Canadian Prairie Pothole Region. <i>Science of the Total Environment</i> , 2020, 718, 134765.	3.9	31
2693	Sublethal larval exposure to imidacloprid impacts adult behaviour in <i>Drosophila melanogaster</i> . <i>Journal of Evolutionary Biology</i> , 2020, 33, 151-164.	0.8	13
2694	Application of Systems Thinking to the assessment of an institutional development project of river restoration at a campus university in Southern Brazil. <i>Environmental Science and Pollution Research</i> , 2020, 27, 14299-14317.	2.7	5
2695	River toxicity assessment using molecular biosensors: Heavy metal contamination in the Turag-Balu-Buriganga river systems, Dhaka, Bangladesh. <i>Science of the Total Environment</i> , 2020, 703, 134760.	3.9	40
2696	Spatial pattern and determinants of global invasion risk of an invasive species, sharpbelly <i>Hemiculter leucisculus</i> (Basilesky, 1855). <i>Science of the Total Environment</i> , 2020, 711, 134661.	3.9	13
2697	Ecohydrogeology: The interdisciplinary convergence needed to improve the study and stewardship of springs and other groundwater-dependent habitats, biota, and ecosystems. <i>Ecological Indicators</i> , 2020, 110, 105803.	2.6	56
2698	Anthropogenic land-use change intensifies the effect of low flows on stream fishes. <i>Journal of Applied Ecology</i> , 2020, 57, 149-159.	1.9	10

#	ARTICLE	IF	CITATIONS
2699	Examining progress towards achieving the Ten Steps of the Rome Declaration on Responsible Inland Fisheries. <i>Fish and Fisheries</i> , 2020, 21, 190-203.	2.7	13
2700	Urbanisation reduces litter breakdown rates and affects benthic invertebrate structure in Pampean streams. <i>International Review of Hydrobiology</i> , 2020, 105, 33-43.	0.5	9
2701	Biomic river restoration: A new focus for river management. <i>River Research and Applications</i> , 2020, 36, 3-12.	0.7	83
2702	Development of a new continental-scale index for freshwater assessment based on dragonfly assemblages. <i>Ecological Indicators</i> , 2020, 109, 105819.	2.6	29
2703	An outstanding antichlorine and antibacterial membrane with quaternary ammonium salts of alkenes via in situ polymerization for textile wastewater treatment. <i>Chemical Engineering Journal</i> , 2020, 384, 123306.	6.6	60
2704	Big impacts from small abstractions: The effects of surface water abstraction on freshwater fish assemblages. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 159-172.	0.9	7
2705	Pollution reduction and operating cost analysis of municipal wastewater treatment in China and implication for future wastewater management. <i>Journal of Cleaner Production</i> , 2020, 253, 120003.	4.6	58
2706	Illuminating water cycle modifications and Earth system resilience in the Anthropocene. <i>Water Resources Research</i> , 2020, 56, e2019WR024957.	1.7	86
2707	A high-efficiency solar desalination evaporator composite of corn stalk, Mcnts and TiO ₂ : ultra-fast capillary water moisture transportation and porous bio-tissue multi-layer filtration. <i>Journal of Materials Chemistry A</i> , 2020, 8, 349-357.	5.2	151
2708	Unprecedented scaling/fouling resistance of omniphobic polyvinylidene fluoride membrane with silica nanoparticle coated micropillars in direct contact membrane distillation. <i>Journal of Membrane Science</i> , 2020, 599, 117819.	4.1	81
2709	A multilevel analysis of the drivers of household water consumption in a semi-arid region. <i>Science of the Total Environment</i> , 2020, 712, 136489.	3.9	14
2710	Access to Water as a New Right in International, Regional and Comparative Constitutional Law. , 2020, , 55-69.		0
2711	Identifying the footprints of global climate modes in time-variable gravity hydrological signals. <i>Climatic Change</i> , 2020, 159, 481-502.	1.7	18
2712	The influence of human activities on Pampean streams catchment: a biogeochemical approach. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	1.3	1
2713	Water pricing and the value-add of irrigation water in Vietnam: Insights from a crop choice model fitted to a national household survey. <i>Agricultural Water Management</i> , 2020, 228, 105881.	2.4	11
2714	A framework to assess the impact of ecological water conveyance on groundwater-dependent terrestrial ecosystems in arid inland river basins. <i>Science of the Total Environment</i> , 2020, 709, 136155.	3.9	41
2715	Extinction of one of the world's largest freshwater fishes: Lessons for conserving the endangered Yangtze fauna. <i>Science of the Total Environment</i> , 2020, 710, 136242.	3.9	99
2716	Floridians's propensity to support <i>ad valorem</i> water billing increases to protect water supply: a panel evaluation. <i>Hydrological Sciences Journal</i> , 2020, 65, 1-11.	1.2	6

#	ARTICLE	IF	CITATIONS
2717	Comparative analysis of surface water quality prediction performance and identification of key water parameters using different machine learning models based on big data. <i>Water Research</i> , 2020, 171, 115454.	5.3	254
2718	Partial decoupling between exotic fish and habitat constraints remains evident in late invasion stages. <i>Aquatic Sciences</i> , 2020, 82, 1.	0.6	5
2719	Urban effluents affect the early development stages of Brazilian fish species with implications for their population dynamics. <i>Ecotoxicology and Environmental Safety</i> , 2020, 188, 109907.	2.9	9
2720	Assessing land water storage dynamics over South America. <i>Journal of Hydrology</i> , 2020, 580, 124339.	2.3	45
2721	Diffusion of water-saving irrigation innovations in Florida's urban residential landscapes. <i>Urban Forestry and Urban Greening</i> , 2020, 47, 126540.	2.3	19
2722	Highest and Fastest Removal Rate of Pb ^{II} Ions through Rational Functionalized Decoration of a Metal-Organic Framework Cavity. <i>Chemistry - A European Journal</i> , 2020, 26, 1355-1362.	1.7	21
2723	Temperature drives local contributions to beta diversity in mountain streams: Stochastic and deterministic processes. <i>Global Ecology and Biogeography</i> , 2020, 29, 420-432.	2.7	30
2724	Biogeographic classification of streams using fish community and trait-environment relationships. <i>Diversity and Distributions</i> , 2020, 26, 108-125.	1.9	12
2725	Non-native mollusks throughout South America: emergent patterns in an understudied continent. <i>Biological Invasions</i> , 2020, 22, 853-871.	1.2	53
2726	Enhanced solar evaporation using a photo-thermal umbrella for wastewater management. <i>Nature Sustainability</i> , 2020, 3, 144-151.	11.5	151
2727	Impact of rapid urbanization on the surface water's quality: a long-term environmental and physicochemical investigation of Tajan river, Iran (2007-2017). <i>Environmental Science and Pollution Research</i> , 2020, 27, 8439-8450.	2.7	18
2728	Titanium dioxide decorated natural cellulosic <i>Juncus effusus</i> fiber for highly efficient photodegradation towards dyes. <i>Carbohydrate Polymers</i> , 2020, 232, 115830.	5.1	46
2729	Precipitated droplets in-situ cross-linking polymerization towards hydrogel beads for ultrahigh removal of positively charged toxins. <i>Separation and Purification Technology</i> , 2020, 238, 116497.	3.9	19
2730	Nutrient loadings and deforestation decrease benthic macroinvertebrate diversity in an urbanised tropical stream system. <i>Limnologia</i> , 2020, 80, 125744.	0.7	15
2731	The effects of road crossings on stream macro-invertebrate diversity. <i>Biodiversity and Conservation</i> , 2020, 29, 729-745.	1.2	9
2732	Use of Cylindrical Bristle Clusters as a novel multispecies fish pass to facilitate upstream movement at gauging weirs. <i>Ecological Engineering</i> , 2020, 143, 105634.	1.6	5
2733	Elements in surface and well water from the central North China Plain: Enrichment patterns, origins, and health risk assessment. <i>Environmental Pollution</i> , 2020, 258, 113725.	3.7	30
2734	Swimming performance in early life stages of three threatened Iberian Leuciscidae. <i>Acta Ethologica</i> , 2020, 23, 23-29.	0.4	2

#	ARTICLE	IF	CITATIONS
2735	Microbial community shifts in streams receiving treated wastewater effluent. <i>Science of the Total Environment</i> , 2020, 709, 135727.	3.9	52
2736	Ecological water conveyance drives human-water system evolution in the Heihe watershed, China. <i>Environmental Research</i> , 2020, 182, 109009.	3.7	24
2737	Microbiota associated with the skin, gills, and gut of the fish <i>Parachondrostoma toxostoma</i> from the Rhône basin. <i>Freshwater Biology</i> , 2020, 65, 446-459.	1.2	14
2738	Trophic and limnological changes in highly fragmented rivers predict the decreasing abundance of detritivorous fish. <i>Ecological Indicators</i> , 2020, 110, 105933.	2.6	15
2739	NiSO ₄ spill inflicts varying mortality between four freshwater mussel species (including protected) <i>Tj ETQq0 0 0 rgBT/Overlogk 10 Tf 50</i>	3.7	2
2740	Sewage fluxes and seasonal dynamics of physicochemical characteristics of the Bhagirathi-Hooghly River from the lower stretch of River Ganges, India. <i>Chemistry and Ecology</i> , 2020, 36, 30-47.	0.6	5
2741	Horizon scan of conservation issues for inland waters in Canada. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2020, 77, 869-881.	0.7	10
2742	Shifts in the community composition of caddisflies (Insecta: Trichoptera) in a subtropical river over three decades. <i>Ecological Entomology</i> , 2020, 45, 514-524.	1.1	4
2743	Application of taxonomic distinctness indices of fish assemblages for assessing effects of river-lake disconnection and eutrophication in floodplain lakes. <i>Ecological Indicators</i> , 2020, 110, 105955.	2.6	20
2744	Watershed water-energy balance dynamics and their association with diverse influencing factors at multiple time scales. <i>Science of the Total Environment</i> , 2020, 711, 135189.	3.9	17
2745	River damming affects energy flow and food web structure: a case study from a subtropical large river. <i>Hydrobiologia</i> , 2020, 847, 679-695.	1.0	15
2746	The Ecobiomics project: Advancing metagenomics assessment of soil health and freshwater quality in Canada. <i>Science of the Total Environment</i> , 2020, 710, 135906.	3.9	25
2747	Stormwater ponds: An overlooked but plentiful urban designer ecosystem provides invasive plant habitat in a subtropical region (Florida, USA). <i>Science of the Total Environment</i> , 2020, 711, 135133.	3.9	20
2748	Effects of ultrasound on <i>Microcystis aeruginosa</i> cell destruction and release of intracellular organic matter. <i>Ultrasonics Sonochemistry</i> , 2020, 63, 104909.	3.8	26
2749	Cotton-strip assays: Let's move on to eco-friendly biomonitoring!. <i>Water Research</i> , 2020, 170, 115295.	5.3	10
2750	Electrospun TiO ₂ embedded nanofibers for photocatalytic applications. <i>International Journal of Modern Physics B</i> , 2020, 34, 2040015.	1.0	1
2751	Assessment of MC&MCMC uncertainty analysis frameworks on SWAT model by focusing on future runoff prediction in a mountainous watershed via CMIP5 models. <i>Journal of Water and Climate Change</i> , 2020, 11, 1811-1828.	1.2	5
2752	Classifying Dams for Environmental Flow Implementation in China. <i>Sustainability</i> , 2020, 12, 107.	1.6	18

#	ARTICLE	IF	CITATIONS
2753	Methodological advances to biomonitor water quality with transplanted aquatic mosses. <i>Science of the Total Environment</i> , 2020, 706, 136082.	3.9	8
2754	Assessment of climate change impact on the water footprint in rice production: Historical simulation and future projections at two representative rice cropping sites of China. <i>Science of the Total Environment</i> , 2020, 709, 136190.	3.9	38
2755	Sensing Images for Assessing the Minimum Ecological Flux by Automatically Extracting River Surface Width. <i>Remote Sensing</i> , 2020, 12, 2899.	1.8	3
2756	The Water Footprint of Global Food Production. <i>Water (Switzerland)</i> , 2020, 12, 2696.	1.2	90
2757	Anthropogenic Modifications and River Ecosystem Services: A Landscape Perspective. <i>Water (Switzerland)</i> , 2020, 12, 2706.	1.2	43
2758	Resource management and sustainable development: A review of the European water policies in accordance with the United Nationsâ€™ Sustainable Development Goals. <i>Environmental Science and Policy</i> , 2020, 114, 570-579.	2.4	48
2759	Geochemical signatures of acidic drainage recorded in estuarine sediments after an extreme drought. <i>Science of the Total Environment</i> , 2020, 749, 141435.	3.9	4
2760	Evaluating Trophic Status as a Proxy of Aquatic Ecosystem Service Provisioning on the Basis of Guidelines. <i>BioScience</i> , 2020, 70, 1120-1126.	2.2	1
2761	Adopting deep learning methods for airborne RGB fluvial scene classification. <i>Remote Sensing of Environment</i> , 2020, 251, 112107.	4.6	52
2762	How to strengthen interdisciplinarity in ecohydraulics? Outcomes from ISE 2018. <i>Journal of Ecohydraulics</i> , 2020, , 1-12.	1.6	0
2763	Resilience Viewed through the Lens of Climate Change and Water Management. <i>Water (Switzerland)</i> , 2020, 12, 2510.	1.2	8
2764	Effects of riparian deforestation on benthic invertebrate community and leaf processing in Atlantic forest streams. <i>Perspectives in Ecology and Conservation</i> , 2020, 18, 277-282.	1.0	15
2765	Modulating Solar Energy Harvesting on TiO ₂ Nanochannel Membranes by Plasmonic Nanoparticle Assembly for Desalination of Contaminated Seawater. <i>ACS Applied Nano Materials</i> , 2020, 3, 10895-10904.	2.4	31
2766	Deciphering centurial anthropogenic pollution processes in large lakes dominated by socio-economic impacts. <i>Anthropocene</i> , 2020, 32, 100269.	1.6	19
2767	Changes in hydrology, water quality, and algal blooms in a freshwater system impounded with engineered structures in a temperate monsoon river estuary. <i>Journal of Hydrology: Regional Studies</i> , 2020, 32, 100744.	1.0	15
2768	Restoring the ecological integrity of a dryland river: Why low flows in the Barwonâ€™ Darling River must <i><i>flow</i></i> . <i>Ecological Management and Restoration</i> , 2020, 21, 218-228.	0.7	30
2769	Measuring economic water scarcity in agriculture: a cross-country empirical investigation. <i>Environmental Science and Policy</i> , 2020, 114, 73-85.	2.4	48
2770	Bioenergetics modelling to analyse and predict the joint effects of multiple stressors: Meta-analysis and model corroboration. <i>Science of the Total Environment</i> , 2020, 749, 141509.	3.9	18

#	ARTICLE	IF	CITATIONS
2771	Harps under Heavy Fog Conditions: Superior to Meshes but Prone to Tangling. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 48124-48132.	4.0	24
2772	How much artificial surface storage is acceptable in a river basin and where should it be located: A review. <i>Earth-Science Reviews</i> , 2020, 208, 103294.	4.0	11
2773	Toxic metal concentration and ecotoxicity test of sediments from dense populated areas of Congo River, Kinshasa, Democratic Republic of the Congo. <i>Environmental Chemistry and Ecotoxicology</i> , 2020, 2, 83-90.	4.6	14
2774	Adaptive capacity in the foundation tree species <i>Populus fremontii</i> : implications for resilience to climate change and non-native species invasion in the American Southwest. , 2020, 8, coaa061.		20
2775	Effects of mining and reduced turnover of Ephemeroptera (Insecta) in streams of the Eastern Brazilian Amazon. <i>Journal of Insect Conservation</i> , 2020, 24, 1061-1072.	0.8	7
2776	On the conservation value of historic canals for aquatic ecosystems. <i>Biological Conservation</i> , 2020, 251, 108764.	1.9	17
2777	Benthic Diatom Communities in Urban Streams and the Role of Riparian Buffers. <i>Water (Switzerland)</i> , 2020, 12, 2799.	1.2	20
2778	CrAssphage for fecal source tracking in Chile: Covariation with norovirus, HF183, and bacterial indicators. <i>Water Research X</i> , 2020, 9, 100071.	2.8	18
2779	Melamine-based functionalized graphene oxide and zirconium phosphate for high performance removal of mercury and lead ions from water. <i>RSC Advances</i> , 2020, 10, 37883-37897.	1.7	28
2780	Impact assessment of climate change and human activities on streamflow signatures in the Yellow River Basin using the Budyko hypothesis and derived differential equation. <i>Journal of Hydrology</i> , 2020, 591, 125460.	2.3	48
2781	Copula-based probabilistic spectral algorithms for high-frequent streamflow estimation. <i>Remote Sensing of Environment</i> , 2020, 251, 112092.	4.6	24
2782	Spatial and temporal variability of methane emissions from cascading reservoirs in the Upper Mekong River. <i>Water Research</i> , 2020, 186, 116319.	5.3	29
2783	Environmental DNA allows upscaling spatial patterns of biodiversity in freshwater ecosystems. <i>Nature Communications</i> , 2020, 11, 3585.	5.8	81
2784	An analysis of river fragmentation by dams and river dewatering in Costa Rica. <i>River Research and Applications</i> , 2020, 36, 1442-1448.	0.7	11
2785	Rapid and Selective Water Remediation through a Functionalized Pillar™s Core of a Novel Metal-Organic Framework. <i>Crystal Growth and Design</i> , 2020, 20, 6109-6116.	1.4	6
2786	Assessing urban water security: case study Jakarta. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 477, 012012.	0.2	0
2787	Decoupled structure and function of leaf-associated microorganisms under anthropogenic pressure: Potential hurdles for environmental monitoring. <i>Freshwater Science</i> , 2020, 39, 652-664.	0.9	9
2788	Historical distribution and current drivers of guppy occurrence in Brazil. <i>Journal of Fish Biology</i> , 2020, 96, 877-885.	0.7	10

#	ARTICLE	IF	CITATIONS
2789	Biased research generates large gaps on invertebrate biota knowledge in Brazilian freshwater ecosystems. <i>Perspectives in Ecology and Conservation</i> , 2020, 18, 190-196.	1.0	9
2790	Highly Efficient and Selective Metal Oxy-Boride Electrocatalysts for Oxygen Evolution from Alkali and Saline Solutions. <i>ACS Applied Energy Materials</i> , 2020, 3, 7619-7628.	2.5	54
2791	Metacommunity structure analysis reveals nested patterns in deconstructed macroinvertebrates assemblages. <i>Ecological Entomology</i> , 2020, 45, 1284-1295.	1.1	3
2792	Big trouble for little fish: identifying Australian freshwater fishes in imminent risk of extinction. <i>Pacific Conservation Biology</i> , 2020, 26, 365.	0.5	42
2793	Reusing greywater for cultivation of <i>Capsicum frutescens</i> and <i>Calendula officinalis</i> . <i>Journal of Environmental Management</i> , 2020, 272, 111088.	3.8	7
2794	Mortality events resulting from Australia's catastrophic fires threaten aquatic biota. <i>Global Change Biology</i> , 2020, 26, 5345-5350.	4.2	24
2795	Bionanocomposites in water treatment. , 2020, , 505-518.		10
2796	Aspects of life history of the Afrotropical endangered <i>Acisoma inflatum</i> (Selys, 1889) (Odonata: Tj ETQq1 1 0.784314 rgBT /Overlock 11	0.4	1
2797	SWM and urban water: Smart management for an absurd system?. <i>Water International</i> , 2020, 45, 678-692.	0.4	3
2798	The basal food sources for Murray cod (<i>Maccullochella peelii</i>) in wetland mesocosms. <i>Journal of Freshwater Ecology</i> , 2020, 35, 235-254.	0.5	0
2799	Caged fish experiment and hydrodynamic bidimensional modeling highlight the importance to consider 2D dispersion in fluvial environmental DNA studies. <i>Environmental DNA</i> , 2020, 2, 362-372.	3.1	47
2800	Cross-linked Graphene Oxide Framework Membranes with Robust Nano-Channels for Enhanced Sieving Ability. <i>Environmental Science & Technology</i> , 2020, 54, 15442-15453.	4.6	75
2801	Past, Present, and Future of Virtual Water and Water Footprint. <i>Water (Switzerland)</i> , 2020, 12, 3068.	1.2	14
2802	The re-adaptation challenge: limits and opportunities of existing infrastructure and institutions in adaptive water governance. <i>Current Opinion in Environmental Sustainability</i> , 2020, 44, 104-112.	3.1	6
2803	Soil erosion and sediment dynamics in the Anthropocene: a review of human impacts during a period of rapid global environmental change. <i>Journal of Soils and Sediments</i> , 2020, 20, 4115-4143.	1.5	77
2804	Biocatalytic metal-organic framework nanomotors for active water decontamination. <i>Chemical Communications</i> , 2020, 56, 14837-14840.	2.2	34
2805	Socio-hydrology: A key approach for adaptation to water scarcity and achieving human well-being in large riverine islands. <i>Progress in Disaster Science</i> , 2020, 8, 100134.	1.4	33
2806	A network of grassroots reserves protects tropical river fish diversity. <i>Nature</i> , 2020, 588, 631-635.	13.7	36

#	ARTICLE	IF	CITATIONS
2807	Trends and Non-Stationarity in Groundwater Level Changes in Rapidly Developing Indian Cities. <i>Water</i> (Switzerland), 2020, 12, 3209.	1.2	16
2808	Climate Change, Water Security, and Conflict Potentials in South Africa: Assessing Conflict and Coping Strategies in Rural South Africa. , 2020, , 1-18.		5
2809	Monitoring Freshwater Macroinvertebrates. , 2020, , 37-55.		0
2810	The Assessment of Climate Change and Land-Use Influences on the Runoff of a Typical Coastal Basin in Northern China. <i>Sustainability</i> , 2020, 12, 10050.	1.6	10
2811	Beyond Imperviousness: The Role of Antecedent Wetness in Runoff Generation in Urbanized Catchments. <i>Water Resources Research</i> , 2020, 56, e2020WR028060.	1.7	7
2812	A Comprehensive Review of Saline Water Correlations and Data-Part I: Thermodynamic Properties. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 8817-8876.	1.7	21
2813	Native predator limits the capacity of an invasive seastar to exploit a food-rich habitat. <i>Marine Environmental Research</i> , 2020, 162, 105152.	1.1	2
2814	Decision-making and best practices for taxonomy-free environmental DNA metabarcoding in biomonitoring using Hill numbers. <i>Molecular Ecology</i> , 2021, 30, 3326-3339.	2.0	32
2815	Does land use affect pathogen presence in New Zealand drinking water supplies?. <i>Water Research</i> , 2020, 185, 116229.	5.3	18
2816	A comparison of approaches for prioritizing removal and repair of barriers to stream connectivity. <i>River Research and Applications</i> , 2020, 36, 1754-1761.	0.7	17
2817	Balancing services from built and natural assets via river basin trade-off analysis. <i>Ecosystem Services</i> , 2020, 45, 101144.	2.3	18
2818	A holistic assessment of water quality condition and spatiotemporal patterns in impounded lakes along the eastern route of China's South-to-North water diversion project. <i>Water Research</i> , 2020, 185, 116275.	5.3	95
2819	Forecasting long-term precipitation for water resource management: a new multi-step data-intelligent modelling approach. <i>Hydrological Sciences Journal</i> , 2020, 65, 2693-2708.	1.2	10
2820	Rational Design of Titanium Carbide MXene Electrode Architectures for Hybrid Capacitive Deionization. <i>Energy and Environmental Materials</i> , 2020, 3, 398-404.	7.3	42
2821	Coupling surface flow and subsurface flow in complex soil structures using mimetic finite differences. <i>Advances in Water Resources</i> , 2020, 144, 103701.	1.7	19
2822	Integrating various satellite images for identification of the water bodies through using machine learning: A case study of Salah Adin, Iraq. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 737, 012223.	0.3	1
2823	Modeling and Multi-Temporal Characterization of Total Suspended Matter by the Combined Use of Sentinel 2-MSI and Landsat 8-OLI Data: The Pertusillo Lake Case Study (Italy). <i>Remote Sensing</i> , 2020, 12, 2147.	1.8	23
2824	Ecosystem ecology: Models for acute toxicity of pesticides towards <i>Daphnia magna</i> . <i>Environmental Toxicology and Pharmacology</i> , 2020, 80, 103459.	2.0	13

#	ARTICLE	IF	CITATIONS
2825	Integrating Life Cycle and Impact Assessments to Map Food's Cumulative Environmental Footprint. <i>One Earth</i> , 2020, 3, 65-78.	3.6	16
2826	An Integrated Methodology to Study Riparian Vegetation Dynamics: From Field Data to Impact Modeling. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2020MS002094.	1.3	14
2827	Bio-inspired perylene diimide coated super paramagnetic nanoparticles for the effective and efficient removal of lead(II) from aqueous medium. <i>Materials Advances</i> , 2020, 1, 1817-1828.	2.6	3
2828	Water from the Perspective of Education for Sustainable Development: An Exploratory Study in the Spanish Secondary Education Curriculum. <i>Water (Switzerland)</i> , 2020, 12, 1877.	1.2	11
2829	Sustainability Assessment of Water Resources in Beijing. <i>Water (Switzerland)</i> , 2020, 12, 1999.	1.2	10
2830	Quantification of climate change and land cover/use transition impacts on runoff variations in the upper Hailar Basin, NE China. <i>Hydrology Research</i> , 2020, 51, 976-993.	1.1	2
2831	Development of a comprehensive framework for assessing the impacts of climate change and dam construction on flow regimes. <i>Journal of Hydrology</i> , 2020, 590, 125358.	2.3	45
2832	Restoring riparian forests according to existing regulations could greatly improve connectivity for forest fauna in Chile. <i>Landscape and Urban Planning</i> , 2020, 203, 103895.	3.4	7
2833	Megamerger of MOFs and g-C ₃ N ₄ for energy and environment applications: upgrading the framework stability and performance. <i>Journal of Materials Chemistry A</i> , 2020, 8, 17883-17906.	5.2	48
2834	Fish assemblages and size-spectra variation among rivers of Lake Victoria Basin, Kenya. <i>Ecological Indicators</i> , 2020, 118, 106745.	2.6	10
2835	Reservoir trophic state confounds flow-ecology relationships in regulated streams. <i>Science of the Total Environment</i> , 2020, 748, 141304.	3.9	9
2836	Removal of Organic Micropollutants from Water by Macrocyclic-Containing Covalent Polymer Networks. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23402-23412.	7.2	78
2837	Ionic liquid-based membranes for water softening. , 2020, , 239-286.		1
2838	Environmental impact assessment (EIA) of hard rock quarrying in a tropical river basin—a study from the SW India. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 580.	1.3	8
2839	The combined effects of climate change and river fragmentation on the distribution of Andean Amazon fishes. <i>Global Change Biology</i> , 2020, 26, 5509-5523.	4.2	50
2840	Species-specific macroinvertebrate responses to climate and land use scenarios in a Mediterranean catchment revealed by an integrated modelling approach. <i>Ecological Indicators</i> , 2020, 118, 106766.	2.6	5
2841	Multi-disciplinary approaches to water systems: introduction to the special column. <i>Frontiers of Earth Science</i> , 2020, 14, 251-255.	0.9	0
2842	Urbanisation affects ecosystem functioning more than structure in tropical streams. <i>Biological Conservation</i> , 2020, 249, 108634.	1.9	24

#	ARTICLE	IF	CITATIONS
2843	Assessment of the Urban Water Security in a Severe Water Stress Area—Application to Palestinian Cities. <i>Water (Switzerland)</i> , 2020, 12, 2060.	1.2	5
2845	Agriculture and Mining Contamination Contribute to a Productivity Gradient Driving Cross-Ecosystem Associations Between Stream Insects and Riparian Arachnids. , 2020, , 61-90.		5
2846	Bacterial community evolution along full-scale municipal wastewater treatment processes. <i>Journal of Water and Health</i> , 2020, 18, 665-680.	1.1	8
2847	Does river restoration increase ecosystem services?. <i>Ecosystem Services</i> , 2020, 46, 101206.	2.3	12
2848	Gradients of flow regulation shape community structures of stream fishes and insects within a catchment subject to typhoon events. <i>Science of the Total Environment</i> , 2020, 748, 141398.	3.9	11
2849	Mapping and navigating ontologies in water governance: the case of the Ganges. <i>Water International</i> , 2020, 45, 847-864.	0.4	5
2850	Distribution patterns of benthic macroinvertebrate communities based on multispatial-scale environmental variables in the river systems of Republic of Korea. <i>Journal of Freshwater Ecology</i> , 2020, 35, 323-347.	0.5	8
2851	Using an ecosystem services approach to re-frame the management of flow constraints in a major regulated river basin. <i>Australian Journal of Water Resources</i> , 2020, , 1-12.	1.6	10
2852	Monitoring Water Quality Parameters of Taihu Lake Based on Remote Sensing Images and LSTM-RNN. <i>IEEE Access</i> , 2020, 8, 188068-188081.	2.6	20
2853	Inland fisheries development versus aquatic biodiversity conservation in China and its global implications. <i>Reviews in Fish Biology and Fisheries</i> , 2020, 30, 637-655.	2.4	17
2854	A diagnostic dashboard to evaluate country water security. <i>Water Policy</i> , 2020, 22, 825-849.	0.7	7
2855	Influence of Climate Changes on the State of Water Resources in Poland and Their Usage. <i>Geosciences (Switzerland)</i> , 2020, 10, 312.	1.0	35
2856	A Study on an Integrated Water Quantity and Water Quality Evaluation Method for the Implementation of Integrated Water Resource Management Policies in the Republic of Korea. <i>Water (Switzerland)</i> , 2020, 12, 2346.	1.2	6
2857	SSNdesign—An R package for pseudo-Bayesian optimal and adaptive sampling designs on stream networks. <i>PLoS ONE</i> , 2020, 15, e0238422.	1.1	5
2858	An Integrative Framework for Stakeholder Engagement Using the Basin Futures Platform. <i>Water (Switzerland)</i> , 2020, 12, 2398.	1.2	6
2859	Stage-dependent effects of river flow and temperature regimes on the growth dynamics of an apex predator. <i>Global Change Biology</i> , 2020, 26, 6880-6894.	4.2	7
2860	Water Sensitive Cities Index: A diagnostic tool to assess water sensitivity and guide management actions. <i>Water Research</i> , 2020, 186, 116411.	5.3	53
2861	A spatiotemporal analysis of water quality characteristics in the Klip river catchment, South Africa. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 578.	1.3	5

#	ARTICLE	IF	CITATIONS
2862	Spatio-temporal analysis of the human footprint in the Hengduan Mountain region: Assessing the effectiveness of nature reserves in reducing human impacts. <i>Journal of Chinese Geography</i> , 2020, 30, 1140-1154.	1.5	11
2863	Biologia Futura: integrating freshwater ecosystem health in water resources management. <i>Biologia Futura</i> , 2020, 71, 337-358.	0.6	21
2864	Chemical pollution imposes limitations to the ecological status of European surface waters. <i>Scientific Reports</i> , 2020, 10, 14825.	1.6	72
2865	Human activities' fingerprint on multitrophic biodiversity and ecosystem functions across a major river catchment in China. <i>Global Change Biology</i> , 2020, 26, 6867-6879.	4.2	56
2866	Streambank Stabilization Design, Research, and Monitoring: The Current State and Future Needs. <i>Transactions of the ASABE</i> , 2020, 63, 351-387.	1.1	10
2867	Correlation of seasonal precipitation isotopic profile with the modern climatological data: a case study from the western Newfoundland region of Canada. <i>Geological Society Special Publication</i> , 2021, 507, 63-75.	0.8	1
2868	Addressing the Scarcity of Traditional Water Sources through Investments in Alternative Water Supplies: Case Study from Florida. <i>Water (Switzerland)</i> , 2020, 12, 2089.	1.2	7
2869	Manipulating unidirectional fluid transportation to drive sustainable solar water extraction and brine-drenching induced energy generation. <i>Energy and Environmental Science</i> , 2020, 13, 4891-4902.	15.6	162
2870	Temporal changes in gene expression and genotype frequency of the ornithine decarboxylase gene in native silverside <i>Basilichthys microlepidotus</i> : Impact of wastewater reduction due to implementation of public policies. <i>Evolutionary Applications</i> , 2020, 13, 1183-1194.	1.5	5
2871	Real Time Control of Rainwater Harvesting Systems: The Benefits of Increasing Rainfall Forecast Window. <i>Water Resources Research</i> , 2020, 56, e2020WR027856.	1.7	36
2872	Distribution patterns and diversity of riverine fishes of the Lake Victoria Basin, Kenya. <i>International Review of Hydrobiology</i> , 2020, 105, 171-184.	0.5	12
2873	Acute and chronic toxicity of 2,4-D and fipronil formulations (individually and in mixture) to the Neotropical cladoceran <i>Ceriodaphnia silvestrii</i> . <i>Ecotoxicology</i> , 2020, 29, 1462-1475.	1.1	35
2874	Expand, relocate, or underground? Social acceptance of upgrading wastewater treatment plants. <i>Environmental Science and Pollution Research</i> , 2020, 27, 45618-45628.	2.7	12
2875	Spatial and Temporal Patterns of Macroinvertebrate Assemblages in the River Po Catchment (Northern Italy). <i>Journal of Hydrology</i> , 2020, 586, 126047.	1.2	6
2876	Assessing the impact of large barrages on habitat of the Ganga River dolphin. <i>River Research and Applications</i> , 2020, 36, 1916-1931.	0.7	18
2877	Comprehensive Evaluation of the Human-Water Harmony Relationship in Countries Along the Belt and Road. <i>Water Resources Management</i> , 2020, 34, 4019-4035.	1.9	16
2878	Change in Terrestrial Human Footprint Drives Continued Loss of Intact Ecosystems. <i>One Earth</i> , 2020, 3, 371-382.	3.6	140
2879	Removal of Organic Micropollutants from Water by Macrocyclic-Containing Covalent Polymer Networks. <i>Angewandte Chemie</i> , 2020, 132, 23608-23618.	1.6	11

#	ARTICLE	IF	CITATIONS
2880	Citizen science: An alternative way for water monitoring in Hong Kong. PLoS ONE, 2020, 15, e0238349.	1.1	17
2881	Range-wide population genetics study informs on conservation translocations and reintroductions for the endangered Murray hardyhead (<i>Craterocephalus fluviatilis</i>). Aquatic Conservation: Marine and Freshwater Ecosystems, 2020, 30, 1959-1974.	0.9	3
2882	Desalination of Seawater Using Cationic Poly(acrylamide) Hydrogels and Mechanical Forces for Separation. Macromolecular Materials and Engineering, 2020, 305, 2000383.	1.7	14
2883	Water, Governance, and Crime Issues. , 2020, , .		0
2884	Construction of the Long-Term Global Surface Water Extent Dataset Based on Water-NDVI Spatio-Temporal Parameter Set. Remote Sensing, 2020, 12, 2675.	1.8	34
2885	Threats and protection policies of the aquatic biodiversity in the Yangtze River. Journal for Nature Conservation, 2020, 58, 125931.	0.8	55
2886	Rwenzori Score (RS): A Benthic Macroinvertebrate Index for Biomonitoring Rivers and Streams in the Rwenzori Region, Uganda. Sustainability, 2020, 12, 10473.	1.6	8
2887	Sustainable Floodplains: Linking E-Flows to Floodplain Management, Ecosystems, and Livelihoods in the Sahel of North Africa. Sustainability, 2020, 12, 10578.	1.6	8
2888	Ecological Risk of Water Resource Use to the Wellbeing of Macroinvertebrate Communities in the Rivers of KwaZulu-Natal, South Africa. Frontiers in Water, 2020, 2, .	1.0	5
2889	Types of dry-season stream pools: environmental drivers and fish assemblages. Inland Waters, 2020, 10, 516-528.	1.1	3
2890	Cohesive Channel Response to Watershed Urbanization: Insights from the Sand River, Aiken SC. Water (Switzerland), 2020, 12, 3441.	1.2	1
2892	Impact of seasonal hydrological variation on tropical fish assemblages: abrupt shift following an extreme flood event. Ecosphere, 2020, 11, e03303.	1.0	14
2893	Multifunctional Binding Sites on Nitrogen-Doped Carboxylated Porous Carbon for Highly Efficient Adsorption of Pb(II), Hg(II), and Cr(VI) Ions. ACS Omega, 2020, 5, 33090-33100.	1.6	26
2894	Evaluation of Liao River estuary with cumulative and sudden risk assessment methods. IOP Conference Series: Earth and Environmental Science, 2020, 612, 012064.	0.2	0
2895	Reconciling irrigation demands for agricultural expansion with environmental sustainability - A preliminary assessment for the Ica Valley, Peru. Journal of Cleaner Production, 2020, 276, 123544.	4.6	18
2896	Whose view do we use? Comparing expert water professional and lay householder perspectives on water-saving behaviours. Urban Water Journal, 2020, 17, 884-895.	1.0	2
2897	Urban Water Demand Simulation in Residential and Non-Residential Buildings Based on a CityGML Data Model. ISPRS International Journal of Geo-Information, 2020, 9, 642.	1.4	19
2898	Morphological vs. DNA metabarcoding approaches for the evaluation of stream ecological status with benthic invertebrates: Testing different combinations of markers and strategies of data filtering. Molecular Ecology, 2021, 30, 3203-3220.	2.0	27

#	ARTICLE	IF	CITATIONS
2899	A Large-Scale Survey of the Bacterial Communities in Lakes of Western Mongolia with Varying Salinity Regimes. <i>Microorganisms</i> , 2020, 8, 1729.	1.6	9
2900	Stakeholder Mapping to Co-Create Nature-Based Solutions: Who Is on Board?. <i>Sustainability</i> , 2020, 12, 8625.	1.6	45
2901	Methane Levels of a River Network in Wuxi City, China and Response to Water Governance. <i>Water (Switzerland)</i> , 2020, 12, 2617.	1.2	3
2902	Wastewater Management: Bibliometric Analysis of Scientific Literature. <i>Water (Switzerland)</i> , 2020, 12, 2963.	1.2	24
2903	The Water-Saving Strategies Assessment (WSSA) Framework: An Application for the Urmia Lake Restoration Program. <i>Water (Switzerland)</i> , 2020, 12, 2789.	1.2	7
2904	Relationship between Environmental Conditions and Structure of Macroinvertebrate Community in a Hydromorphologically Altered Pre-Alpine River. <i>Water (Switzerland)</i> , 2020, 12, 2987.	1.2	3
2905	The effects of wastewater effluent on multiple behaviours in the amphipod, <i>Gammarus pulex</i> . <i>Environmental Pollution</i> , 2020, 267, 115386.	3.7	10
2906	sUAS Remote Sensing of Vineyard Evapotranspiration Quantifies Spatiotemporal Uncertainty in Satellite-Borne ET Estimates. <i>Remote Sensing</i> , 2020, 12, 3251.	1.8	6
2907	Unfamiliar Territory: Emerging Themes for Ecological Drought Research and Management. <i>One Earth</i> , 2020, 3, 337-353.	3.6	35
2908	Aggregation-induced emission luminogen: A new perspective in the photo-degradation of organic pollutants. <i>EcoMat</i> , 2020, 2, e12024.	6.8	14
2909	How many submerged macrophyte species are needed to improve water clarity and quality in Yangtze floodplain lakes?. <i>Science of the Total Environment</i> , 2020, 724, 138267.	3.9	56
2910	<sc>Floodplain</sc> losses and increasing flood risk in the context of recent historic land use changes and settlement developments: Austrian case studies. <i>Journal of Flood Risk Management</i> , 2020, 13, e12610.	1.6	15
2911	Global agricultural economic water scarcity. <i>Science Advances</i> , 2020, 6, eaaz6031.	4.7	334
2912	Considering multiple anthropogenic threats in the context of natural variability: Ecological processes in a regulated riverine ecosystem. <i>Ecohydrology</i> , 2020, 13, e2217.	1.1	10
2913	Large weir construction causes the loss of seasonal habitat in riverine wetlands: a case study of the Four Large River Projects in South Korea. <i>Ecological Engineering</i> , 2020, 152, 105839.	1.6	10
2914	Importance of nutrient loading and irrigation in gross primary productivity trends in India. <i>Journal of Hydrology</i> , 2020, 588, 125047.	2.3	8
2915	Worldwide lake level trends and responses to background climate variation. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 2593-2608.	1.9	23
2916	Release of treated effluent into streams: A global review of ecological impacts with a consideration of its potential use for environmental flows. <i>Freshwater Biology</i> , 2020, 65, 1657-1670.	1.2	78

#	ARTICLE	IF	CITATIONS
2917	Environmental Sustainability of Water Footprint in Mainland China. <i>Geography and Sustainability</i> , 2020, 1, 8-17.	1.9	26
2918	Managing sediment (dis)connectivity in fluvial systems. <i>Science of the Total Environment</i> , 2020, 736, 139627.	3.9	53
2919	Surface modification of biomaterials based on cocoa shell with improved nitrate and Cr(<i>vi</i>) removal. <i>RSC Advances</i> , 2020, 10, 20009-20019.	1.7	24
2920	A model for evaluating continental chemical weathering from riverine transports of dissolved major elements at a global scale. <i>Global and Planetary Change</i> , 2020, 192, 103226.	1.6	9
2921	An Assessment of Water Resources in the Taiwan Strait Island Using the Water Poverty Index. <i>Sustainability</i> , 2020, 12, 2351.	1.6	10
2922	Histopathology of the liver and gills of <i>Labeo rosae</i> (rednose Labeo) from Loskop Dam in South Africa. <i>African Zoology</i> , 2020, 55, 167-174.	0.2	1
2923	Influence of global climate on freshwater changes in Africa's largest endorheic basin using multi-scaled indicators. <i>Science of the Total Environment</i> , 2020, 737, 139643.	3.9	28
2924	The use of fatty acids to identify food sources of secondary consumers in wetland mesocosms. <i>Journal of Freshwater Ecology</i> , 2020, 35, 173-189.	0.5	5
2925	Benchmarking inference methods for water quality monitoring and status classification. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 261.	1.3	10
2926	A soil moisture monitoring network to characterize karstic recharge and evapotranspiration at five representative sites across the globe. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2020, 9, 11-23.	0.6	17
2927	Multiscale Investigation of Water Chemistry Effects on Fish Guild Species Richness in Regulated and Nonregulated Rivers of India's Western Ghats: Implications for Restoration. <i>Transactions of the American Fisheries Society</i> , 2020, 149, 298-319.	0.6	5
2928	Monitoring freshwater fish communities in large rivers using environmental <i>DNA</i> metabarcoding and a long-term electrofishing survey. <i>Journal of Fish Biology</i> , 2020, 97, 444-452.	0.7	31
2929	Response of soil phosphorus fractions and fluxes to different vegetation restoration types in a subtropical mountain ecosystem. <i>Catena</i> , 2020, 193, 104663.	2.2	34
2930	New approach of water quantity vulnerability assessment using satellite images and GIS-based model: An application to a case study in Vietnam. <i>Science of the Total Environment</i> , 2020, 737, 139784.	3.9	25
2931	Steroid Fingerprint Analysis of Endangered Caspian Seal (<i>Pusa caspica</i>) through the Gorgan Bay (Caspian Sea). <i>Environmental Science & Technology</i> , 2020, 54, 7339-7353.	4.6	7
2932	Global hotspots for coastal ecosystem-based adaptation. <i>PLoS ONE</i> , 2020, 15, e0233005.	1.1	21
2933	Stream fish metacommunity organisation across a Neotropical ecoregion: The role of environment, anthropogenic impact and dispersal-based processes. <i>PLoS ONE</i> , 2020, 15, e0233733.	1.1	23
2934	Historical Changes in the Ecological Connectivity of the Seine River for Fish: A Focus on Physical and Chemical Barriers Since the Mid-19th Century. <i>Water (Switzerland)</i> , 2020, 12, 1352.	1.2	14

#	ARTICLE	IF	CITATIONS
2935	The Increase in Temperature Overwhelms Silver Nanoparticle Effects on the Aquatic Invertebrate <i>Limnephilus</i> sp.. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 1429-1437.	2.2	7
2936	Modeling the impact of climate change on the environmental flow indicators over Omo-Gibe basin, Ethiopia. <i>Modeling Earth Systems and Environment</i> , 2020, 6, 2063-2089.	1.9	10
2937	Trace-Fe-Enhanced Capacitive Deionization of Saline Water by Boosting Electron Transfer of Electro-Adsorption Sites. <i>Environmental Science & Technology</i> , 2020, 54, 8411-8419.	4.6	108
2938	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
2939	Potential Difference Driving Electron Transfer <i>via</i> Defective Carbon Nanotubes toward Selective Oxidation of Organic Micropollutants. <i>Environmental Science & Technology</i> , 2020, 54, 8464-8472.	4.6	288
2940	General attributes and practice of ecological restoration in Arizona and California, U.S.A., revealed by restoration stakeholder surveys. <i>Restoration Ecology</i> , 2020, 28, 1296-1307.	1.4	8
2941	A new method to include fish biodiversity in river connectivity indices with applications in dam impact assessments. <i>Ecological Indicators</i> , 2020, 117, 106605.	2.6	19
2942	Environmental pollution, income growth, and subjective well-being: regional and individual evidence from China. <i>Environmental Science and Pollution Research</i> , 2020, 27, 34211-34222.	2.7	19
2943	Highly Efficient and Facile Removal of Pb ²⁺ from Water by Using a Negatively Charged Azoxy-Functionalized Metal-Organic Framework. <i>Crystal Growth and Design</i> , 2020, 20, 5251-5260.	1.4	54
2944	Fish assemblages in the Upper part of the Volta River, Burkina Faso: A link analysis towards fisheries management and conservation. <i>International Journal of Biological and Chemical Sciences</i> , 2020, 13, 2546.	0.1	3
2945	Constructing 3D optical absorption holes by stacking macroporous membrane for highly efficient solar steam generation. <i>Renewable Energy</i> , 2020, 159, 944-953.	4.3	15
2946	Gas hydrates in sustainable chemistry. <i>Chemical Society Reviews</i> , 2020, 49, 5225-5309.	18.7	443
2947	Paleolimnological reconstruction of the centennial eutrophication processes in a sub-tropical South American reservoir. <i>Journal of South American Earth Sciences</i> , 2020, 103, 102707.	0.6	13
2948	Environmental prioritization of pesticide in the Upper Citarum River Basin, Indonesia, using predicted and measured concentrations. <i>Science of the Total Environment</i> , 2020, 738, 140130.	3.9	23
2949	Quantifying links between instream woody habitat and freshwater fish species in south-eastern Australia to inform waterway restoration. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 1385-1396.	0.9	7
2950	The Freshwater Commons. , 2020, , 1-33.		0
2951	Global Endangerment of Freshwater Biodiversity. , 2020, , 34-60.		0
2952	Overexploitation. , 2020, , 61-122.		0

#	ARTICLE	IF	CITATIONS
2953	Alien Species and Their Effects. , 2020, , 123-215.		0
2954	River Regulation. , 2020, , 216-258.		0
2955	Vanishing Lakes and Threats to Lacustrine Biodiversity. , 2020, , 259-290.		0
2956	How Will Climate Change Affect Freshwater Biodiversity?. , 2020, , 291-331.		0
2957	Ecosystem Services and Incentivizing Conservation of Freshwater Biodiversity. , 2020, , 332-355.		0
2958	Conservation of Freshwater Biodiversity. , 2020, , 356-398.		0
2964	Development and utilization of water resources and assessment of water security in Central Asia. Agricultural Water Management, 2020, 240, 106297.	2.4	46
2965	Development of SEEA water accounts with a hydrological model. Science of the Total Environment, 2020, 737, 140168.	3.9	13
2966	Screening-Level Estimates of Environmental Release Rates, Predicted Exposures, and Toxic Pressures of Currently Used Chemicals. Environmental Toxicology and Chemistry, 2020, 39, 1839-1851.	2.2	16
2967	Water quality assessment and pollution source apportionment in a highly regulated river of Northeast China. Environmental Monitoring and Assessment, 2020, 192, 446.	1.3	23
2968	Connectivity, habitat, and flow regime influence fish assemblage structure: Implications for environmental water management in a perennial river of the wet-dry tropics of northern Australia. Aquatic Conservation: Marine and Freshwater Ecosystems, 2020, 30, 1397-1411.	0.9	12
2969	River Restoration: Disappointing, Nascent, Yet Desperately Needed. , 2020, , .		7
2970	Regional water system vulnerability evaluation: A bi-level DEA with multi-followers approach. Journal of Hydrology, 2020, 589, 125160.	2.3	19
2971	Changing global cropping patterns to minimize national blue water scarcity. Hydrology and Earth System Sciences, 2020, 24, 3015-3031.	1.9	37
2972	Damming reduced the functional richness and caused the shift to a new functional state of the phytoplankton in a subtropical region. Hydrobiologia, 2020, 847, 3857-3875.	1.0	17
2973	Hotspots of Marine Biodiversity. , 2020, , 586-596.		4
2974	The Use of Traditional and Modern Tools for Monitoring Wetlands Biodiversity in Africa: Challenges and Opportunities. Frontiers in Environmental Science, 2020, 8, .	1.5	26
2975	Timing of Landsat Overpasses Effectively Captures Flow Conditions of Large Rivers. Remote Sensing, 2020, 12, 1510.	1.8	23

#	ARTICLE	IF	CITATIONS
2976	Performance of an Unmanned Aerial Vehicle (UAV) in Calculating the Flood Peak Discharge of Ephemeral Rivers Combined with the Incipient Motion of Moving Stones in Arid Ungauged Regions. <i>Remote Sensing</i> , 2020, 12, 1610.	1.8	17
2977	Shaping up the Future Spatial Plans for Urban Areas in Pakistan. <i>Sustainability</i> , 2020, 12, 4216.	1.6	8
2978	Assessing Water Security in Water-Scarce Cities: Applying the Integrated Urban Water Security Index (IUWSI) in Madaba, Jordan. <i>Water (Switzerland)</i> , 2020, 12, 1299.	1.2	26
2979	Health Evaluation and Risk Factor Identification of Urban Lakes—A Case Study of Lianshi Lake. <i>Water (Switzerland)</i> , 2020, 12, 1428.	1.2	6
2980	Effects of land use on streams: traditional and functional analyses of benthic diatoms. <i>Hydrobiologia</i> , 2020, 847, 2933-2946.	1.0	12
2981	Aerial surveys of waterbirds in Australia. <i>Scientific Data</i> , 2020, 7, 172.	2.4	15
2982	Recent land-use changes affect stream ecosystem processes in a subtropical island in Brazil. <i>Austral Ecology</i> , 2020, 45, 644-658.	0.7	5
2983	Highly stable and antifouling graphene oxide membranes prepared by bio-inspired modification for water purification. <i>Chinese Chemical Letters</i> , 2020, 31, 2651-2656.	4.8	20
2984	International river basin organizations, science, and hydrodiplomacy. <i>Environmental Science and Policy</i> , 2020, 107, 137-149.	2.4	22
2985	Hydro-climate and biogeochemical processes control watershed organic carbon inflows: Development of an in-stream organic carbon module coupled with a process-based hydrologic model. <i>Science of the Total Environment</i> , 2020, 718, 137281.	3.9	23
2986	Water productivity benchmarks: The case of maize and soybean in Nebraska. <i>Agricultural Water Management</i> , 2020, 234, 106122.	2.4	24
2987	Household Water Security: An Analysis of Water Affect in the Context of Hydraulic Fracturing in West Virginia, Appalachia. <i>Water (Switzerland)</i> , 2020, 12, 147.	1.2	14
2988	Design of Sub-Nanochannels between Graphene Oxide Sheets via Crown Ether Intercalation to Selectively Regulate Cation Permeation. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901876.	1.9	17
2989	Assessing and quantifying offered cultural ecosystem services of German river landscapes. <i>Ecosystem Services</i> , 2020, 42, 101080.	2.3	39
2990	A simple method to evaluate groundwater vulnerability in urbanizing agricultural regions. <i>Journal of Environmental Management</i> , 2020, 261, 110164.	3.8	12
2991	Long-term effects of forest harvesting on summer low flow deficits in the Coast Range of Oregon. <i>Journal of Hydrology</i> , 2020, 585, 124749.	2.3	32
2992	A database of freshwater fish species of the Amazon Basin. <i>Scientific Data</i> , 2020, 7, 96.	2.4	69
2993	Synthesis, Characterization and Application of Bio-composites Based on <i>Aspergillus flavus</i> NA9 for Extraction of Zinc Ions from Synthetic and Real Waste Water Effluents. <i>Journal of Polymers and the Environment</i> , 2020, 28, 1441-1449.	2.4	2

#	ARTICLE	IF	CITATIONS
2994	Green-synthesizing Ag nanoparticles by watermelon peel extract and their application in solar-driven interfacial evaporation for seawater desalination. <i>Materials Research Express</i> , 2020, 7, 045005.	0.8	13
2995	How to incorporate climate change into modelling environmental water outcomes: a review. <i>Journal of Water and Climate Change</i> , 2020, 11, 327-340.	1.2	19
2996	Evaluating and Predicting the Effects of Land Use Changes on Hydrology in Wami River Basin, Tanzania. <i>Hydrology</i> , 2020, 7, 17.	1.3	22
2997	Calibration of hydrological models for ecologically relevant streamflow predictions: a trade-off between fitting well to data and estimating consistent parameter sets?. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 1031-1054.	1.9	16
2998	Landscape Drivers of Dynamic Change in Water Quality of U.S. Rivers. <i>Environmental Science & Technology</i> , 2020, 54, 4336-4343.	4.6	113
2999	Sustainability of global Golden Inland Waterways. <i>Nature Communications</i> , 2020, 11, 1553.	5.8	22
3000	Conservation status assessment and a new method for establishing conservation priorities for freshwater mussels (<i>Bivalvia: Unionida</i>) in the middle and lower reaches of the Yangtze River drainage. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 1000-1011.	0.9	21
3001	Spatio-Temporal Changes in Basal Food Source Assimilation by Fish Assemblages in a Large Tropical Bay in the SW Atlantic Ocean. <i>Estuaries and Coasts</i> , 2020, 43, 894-908.	1.0	7
3002	Quantifying total suspended matter (TSM) in waters using Landsat images during 1984–2018 across the Songnen Plain, Northeast China. <i>Journal of Environmental Management</i> , 2020, 262, 110334.	3.8	35
3003	A review of remote sensing applications for water security: Quantity, quality, and extremes. <i>Journal of Hydrology</i> , 2020, 585, 124826.	2.3	148
3004	River dams and the stability of bird communities: A hierarchical Bayesian analysis in a tropical hydroelectric power plant. <i>Journal of Applied Ecology</i> , 2020, 57, 1124-1136.	1.9	8
3005	A Systematic, Regional Assessment of High Mountain Asia Glacier Mass Balance. <i>Frontiers in Earth Science</i> , 2020, 7, .	0.8	296
3006	Using knowledge of behaviour and optic physiology to improve fish passage through culverts. <i>Fish and Fisheries</i> , 2020, 21, 557-569.	2.7	4
3007	Rapid change in Yangtze fisheries and its implications for global freshwater ecosystem management. <i>Fish and Fisheries</i> , 2020, 21, 601-620.	2.7	74
3008	Passability of Potamodromous Species through a Fish Lift at a Large Hydropower Plant (Touvedo,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	9
3009	Hydrological Alteration Index as an Indicator of the Calibration Complexity of Water Quantity and Quality Modeling in the Context of Global Change. <i>Water (Switzerland)</i> , 2020, 12, 115.	1.2	13
3010	Past and future ecosystem service trade-offs in Poyang Lake Basin under different land use policy scenarios. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	22
3011	Climate Change and Species Invasion Drive Decadal Variation in Fish Fauna in the Min River, China. <i>Water (Switzerland)</i> , 2020, 12, 1558.	1.2	4

#	ARTICLE	IF	CITATIONS
3012	Small-sized protected areas contribute more per unit area to tropical crop pollination than large protected areas. <i>Ecosystem Services</i> , 2020, 44, 101137.	2.3	2
3013	Informed water management alternatives for an over-allocated river: Incorporating salmon life stage effects into a decision tree process during drought. <i>Fisheries Management and Ecology</i> , 2020, 27, 498-516.	1.0	2
3014	Generation and application of river network analogues for use in ecology and evolution. <i>Ecology and Evolution</i> , 2020, 10, 7537-7550.	0.8	41
3015	Quantification of estrogen concentration in a creek receiving wastewater treatment plant effluent. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 426.	1.3	6
3016	Trends, patterns, and networks of illicit wildlife trade in Nepal: A national synthesis. <i>Conservation Science and Practice</i> , 2020, 2, e247.	0.9	16
3017	Public Preference Analysis and Social Benefits Evaluation of River Basin Ecological Restoration: Application of the Choice Experiments for the Shiyang River, China. <i>Discrete Dynamics in Nature and Society</i> , 2020, 2020, 1-12.	0.5	7
3018	Drivers of Benthic Macroinvertebrate Assemblages in Equatorial Alpine Rivers of the Rwenzoris (Uganda). <i>Water (Switzerland)</i> , 2020, 12, 1668.	1.2	13
3019	Model Test of the Effect of River Sinuosity on Nitrogen Purification Efficiency. <i>Water (Switzerland)</i> , 2020, 12, 1677.	1.2	6
3020	Assessment of Future Water Demand and Supply under IPCC Climate Change and Socio-Economic Scenarios, Using a Combination of Models in Ourika Watershed, High Atlas, Morocco. <i>Water (Switzerland)</i> , 2020, 12, 1751.	1.2	42
3021	Freshwater Biome of the World. , 2020, , 16-30.		0
3022	Declines in global ecological security under climate change. <i>Ecological Indicators</i> , 2020, 117, 106651.	2.6	44
3023	Integration of hyperspectral and LiDAR data for mapping small water bodies. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2020, 92, 102181.	1.4	15
3024	Unravelling the effects of multiple stressors on diatom and macroinvertebrate communities in European river basins using structural and functional approaches. <i>Science of the Total Environment</i> , 2020, 742, 140543.	3.9	27
3025	Advancements in effect-based surface water quality assessment. <i>Water Research</i> , 2020, 183, 116017.	5.3	30
3026	ESPRES: A web application for interactive analysis of multiple pressures in aquatic ecosystems. <i>Science of the Total Environment</i> , 2020, 744, 140792.	3.9	4
3027	Bacteroides spp. and traditional fecal indicator bacteria in water quality assessment – An integrated approach for hydric resources management in urban centers. <i>Journal of Environmental Management</i> , 2020, 271, 110989.	3.8	13
3028	Gainers and losers of surface and terrestrial water resources in China during 1989–2016. <i>Nature Communications</i> , 2020, 11, 3471.	5.8	81
3029	Niche partitioning between river shark species is driven by seasonal fluctuations in environmental salinity. <i>Functional Ecology</i> , 2020, 34, 2170-2185.	1.7	28

#	ARTICLE	IF	CITATIONS
3030	Longitudinal and temporal assemblage patterns of benthic macroinvertebrates in snow melt stream waters of the Jhelum River Basin of Kashmir Himalaya (India). <i>Ecohydrology</i> , 2020, 13, e2236.	1.1	10
3031	Protected Areas and Connectivity. , 2020, , 252-258.		0
3032	Streamflow Decline in the Yellow River along with Socioeconomic Development: Past and Future. <i>Water (Switzerland)</i> , 2020, 12, 823.	1.2	10
3033	DNA metabarcoding effectively quantifies diatom responses to nutrients in streams. <i>Ecological Applications</i> , 2020, 30, e02205.	1.8	19
3034	Discovery initiatives. , 2020, , 57-73.		1
3035	Sustainability of the blue water footprint of crops. <i>Advances in Water Resources</i> , 2020, 143, 103679.	1.7	66
3036	Cell-free biosensors for rapid detection of water contaminants. <i>Nature Biotechnology</i> , 2020, 38, 1451-1459.	9.4	221
3037	An index to estimate the vulnerability of damselflies and dragonflies (Insecta: Odonata) to land use changes using niche modeling. <i>Aquatic Insects</i> , 2020, 41, 254-272.	0.6	7
3039	Climatization of environmental degradation: a widespread challenge to the integrity of earth science. <i>Hydrological Sciences Journal</i> , 2020, 65, 867-883.	1.2	11
3040	Fabrication of polyamide thin film nanocomposite reverse osmosis membrane incorporated with a novel graphite-based carbon material for desalination. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49030.	1.3	7
3041	Synthesis of acid-resistant superparamagnetic conjugated porous polymers for fast and efficient removal of organic dye from aqueous media. <i>Reactive and Functional Polymers</i> , 2020, 149, 104518.	2.0	10
3042	Progress in greywater reuse for home gardening: Opportunities, perceptions and challenges. <i>Physics and Chemistry of the Earth</i> , 2020, 116, 102853.	1.2	31
3043	The Response of River-Resident Fish to Reservoir Freshet Releases of Varying Profiles Intended to Facilitate a Spawning Migration. <i>Water Resources Research</i> , 2020, 56, e2018WR024196.	1.7	4
3044	Mapping human pressures on biodiversity across the planet uncovers anthropogenic threat complexes. <i>People and Nature</i> , 2020, 2, 380-394.	1.7	139
3045	An empirical, cross-taxon evaluation of landscape-scale connectivity. <i>Biodiversity and Conservation</i> , 2020, 29, 1339-1359.	1.2	10
3046	Electrolysis of low-grade and saline surface water. <i>Nature Energy</i> , 2020, 5, 367-377.	19.8	579
3047	An L-cystine-L-cysteine impregnated nanofiltration membrane with the superior performance of an anchoring heavy metal in wastewater. <i>RSC Advances</i> , 2020, 10, 3438-3449.	1.7	13
3048	Habitat use, movement and activity of two large-bodied native riverine fishes in a regulated lowland weir pool. <i>Journal of Fish Biology</i> , 2020, 96, 782-794.	0.7	10

#	ARTICLE	IF	CITATIONS
3049	Establishing environmental flows for intermittent tropical rivers: Why hydrological methods are not adequate?. <i>International Journal of Environmental Science and Technology</i> , 2020, 17, 2949-2966.	1.8	20
3050	Universal preparation of cellulose-based colorimetric sensor for heavy metal ion detection. <i>Carbohydrate Polymers</i> , 2020, 236, 116037.	5.1	20
3051	Spatio-temporal patterns and predictions of size-fractionated chlorophyll a in a large subtropical river, China. <i>Journal of Freshwater Ecology</i> , 2020, 35, 1-12.	0.5	3
3052	Understanding Landscape Influences on Aquatic Fauna across the Central and Southern Appalachians. <i>Land</i> , 2020, 9, 16.	1.2	0
3053	Removal of heavy metal ions using a new high performance nanofiltration membrane modified with curcumin boehmite nanoparticles. <i>Chemical Engineering Journal</i> , 2020, 390, 124546.	6.6	108
3054	Small hydropower plants as a threat to the endangered pearl mussel <i>Margaritifera margaritifera</i> . <i>Science of the Total Environment</i> , 2020, 719, 137361.	3.9	30
3055	Urban expansion and its impact on water security: The case of the Para�ba do Sul River Basin, S�o Paulo, Brazil. <i>Science of the Total Environment</i> , 2020, 720, 137509.	3.9	42
3056	No biotic homogenisation across decades but consistent effects of landscape position and pH on macrophyte communities in boreal lakes. <i>Ecography</i> , 2020, 43, 294-305.	2.1	45
3057	Impact assessment of land use and climate changes on the variation of runoff in Margalla Hills watersheds, Pakistan. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	17
3058	Earthworm-assisted bioremediation of agrochemicals. , 2020, , 307-327.		4
3059	MXene as a Cation-Selective Cathode Material for Asymmetric Capacitive Deionization. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 13750-13758.	4.0	89
3060	Carboxylic Acid Enriched Porous Organic Polymer as a Platform for Highly Efficient Removal of Methylene Blue from Aqueous Solution. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 1900553.	1.1	12
3061	Adaptive and sustainable water management: from improved conceptual foundations to transformative change. <i>International Journal of Water Resources Development</i> , 2020, 36, 397-415.	1.2	21
3062	A survey on river water quality modelling using artificial intelligence models: 2000�2020. <i>Journal of Hydrology</i> , 2020, 585, 124670.	2.3	314
3063	Evidence of Spatio�Temporal Variations in Contaminants Discharging to a Peri�Urban Stream. <i>Ground Water Monitoring and Remediation</i> , 2020, 40, 40-51.	0.6	10
3064	Spatial variation and health risk assessment of fluoride in drinking water in the Chongqing urban areas, China. <i>Environmental Geochemistry and Health</i> , 2020, 42, 2925-2941.	1.8	16
3065	Causal Effect of Impervious Cover on Annual Flood Magnitude for the United States. <i>Geophysical Research Letters</i> , 2020, 47, no.	1.5	55
3066	How the three Gorges Dam affects the hydrological cycle in the mid-lower Yangtze River: a perspective based on decadal water temperature changes. <i>Environmental Research Letters</i> , 2020, 15, 014002.	2.2	15

#	ARTICLE	IF	CITATIONS
3067	The role of coastal processes in the management of the mouth of the River Murray, Australia: Present and future challenges. <i>River Research and Applications</i> , 2020, 36, 656-667.	0.7	17
3068	Preparation of mesoporous anatase titania with large secondary mesopores and extraordinarily high photocatalytic performances. <i>Applied Catalysis B: Environmental</i> , 2020, 269, 118756.	10.8	17
3069	Rethinking water security: How does flooding fit into the concept?. <i>Environmental Science and Policy</i> , 2020, 106, 145-156.	2.4	10
3070	Zooplankton biodiversity monitoring in polluted freshwater ecosystems: A technical review. <i>Environmental Science and Ecotechnology</i> , 2020, 1, 100008.	6.7	44
3071	Capping Human Water Footprints in the World's River Basins. <i>Earth's Future</i> , 2020, 8, e2019EF001363.	2.4	40
3072	A flexible survey design for monitoring spatiotemporal fish richness in nonwadeable rivers: optimizing efficiency by integrating gears. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2020, 77, 978-990.	0.7	12
3073	Socio-structural forces predicting global water footprint: socio-hydrology and ecologically unequal exchange. <i>Hydrological Sciences Journal</i> , 2020, 65, 495-506.	1.2	6
3074	Disentangling the potential effects of land use and climate change on stream conditions. <i>Global Change Biology</i> , 2020, 26, 2251-2269.	4.2	14
3075	Characteristics, Main Impacts, and Stewardship of Natural and Artificial Freshwater Environments: Consequences for Biodiversity Conservation. <i>Water (Switzerland)</i> , 2020, 12, 260.	1.2	117
3076	Shifts in biofilms' composition induced by flow stagnation, sewage contamination and grazing. <i>Ecological Indicators</i> , 2020, 111, 106006.	2.6	10
3077	Biological index based on epiphytic diatom assemblages is more restrictive than the physicochemical index in water assessment on an Amazon floodplain, Brazil. <i>Environmental Science and Pollution Research</i> , 2020, 27, 10642-10657.	2.7	5
3078	Patterns of fish communities and water quality in impounded lakes of China's south-to-north water diversion project. <i>Science of the Total Environment</i> , 2020, 713, 136515.	3.9	36
3079	River restoration is prone to failure unless pre-optimized within a mechanistic ecological framework Insights from a model-based case study. <i>Water Research</i> , 2020, 173, 115550.	5.3	19
3080	Freshwater fish diversity hotspots for conservation priorities in the Amazon Basin. <i>Conservation Biology</i> , 2020, 34, 956-965.	2.4	55
3081	Strategic methodology to set priorities for sustainable hydropower development in a biodiversity hotspot. <i>Science of the Total Environment</i> , 2020, 714, 136735.	3.9	11
3082	Uncovering the complete biodiversity structure in spatial networks: the example of riverine systems. <i>Oikos</i> , 2020, 129, 607-618.	1.2	73
3083	Enhanced capacitive deionization of saline water using N-doped rod-like porous carbon derived from dual-ligand metal-organic frameworks. <i>Environmental Science: Nano</i> , 2020, 7, 926-937.	2.2	63
3084	Recycled or reclaimed? The effect of terminology on water reuse perceptions. <i>Journal of Environmental Management</i> , 2020, 261, 110144.	3.8	17

#	ARTICLE	IF	CITATIONS
3085	Complete ensemble empirical mode decomposition hybridized with random forest and kernel ridge regression model for monthly rainfall forecasts. <i>Journal of Hydrology</i> , 2020, 584, 124647.	2.3	114
3086	Water consumption assessment in Asian chemical industries supply chains based on input-output analysis and one-way analysis of variance. <i>Environmental Science and Pollution Research</i> , 2020, 27, 12242-12255.	2.7	5
3087	Streamside mobile mesocosms (MOBICOS): A new modular research infrastructure for hydro-ecological process studies across catchment-scale gradients. <i>International Review of Hydrobiology</i> , 2020, 105, 63-73.	0.5	11
3088	Livestock exclusion from watercourses: Policy effectiveness and implications. <i>Environmental Science and Policy</i> , 2020, 106, 58-67.	2.4	11
3089	Evaluating water resource sustainability from the perspective of water resource carrying capacity, a case study of the Yongding River watershed in Beijing-Tianjin-Hebei region, China. <i>Environmental Science and Pollution Research</i> , 2020, 27, 21590-21603.	2.7	36
3090	An ionic covalent organic polymer toward highly selective removal of anionic organic dyes in aqueous solution. <i>New Journal of Chemistry</i> , 2020, 44, 8572-8577.	1.4	10
3091	Effects of Land Use on Stream Water Quality in the Rapidly Urbanized Areas: A Multiscale Analysis. <i>Water (Switzerland)</i> , 2020, 12, 1123.	1.2	27
3092	Phenotypic trait variation in invasive and non-invasive alien species of <i>Potamogeton</i> in Kashmir Himalayan lakes of varying trophic status. <i>Acta Physiologiae Plantarum</i> , 2020, 42, 1.	1.0	2
3093	Groundwater sustainability: a review of the interactions between science and policy. <i>Environmental Research Letters</i> , 2020, 15, 093004.	2.2	85
3094	Water-energy scarcity nexus risk in the national trade system based on multiregional input-output and network environ analyses. <i>Applied Energy</i> , 2020, 268, 114974.	5.1	49
3095	Conservation of freshwater macroinvertebrate biodiversity in tropical regions. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 1238-1250.	0.9	35
3096	Impacts of Climate and Human Activities on Water Resources and Quality. , 2020, , .		6
3098	Nowhere to swim: interspecific responses of prairie stream fishes in isolated pools during severe drought. <i>Aquatic Sciences</i> , 2020, 82, 1.	0.6	22
3099	Nutrient pollutant loading and source apportionment along a Mediterranean river. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 274.	1.3	2
3100	Effects of urban infrastructure on aquatic invertebrate diversity. <i>Urban Ecosystems</i> , 2020, 23, 831-840.	1.1	4
3101	A standardised approach to calculating floodplain tree condition to support environmental watering decisions. <i>Wetlands Ecology and Management</i> , 2020, 28, 315-340.	0.7	6
3102	Measuring water security: A vital step for climate change adaptation. <i>Environmental Research</i> , 2020, 185, 109400.	3.7	46
3103	Trends and spatial patterns of 20th century temperature, rainfall and PET in the semi-arid Logone River basin, Sub-Saharan Africa. <i>Journal of Arid Environments</i> , 2020, 178, 104168.	1.2	5

#	ARTICLE	IF	CITATIONS
3104	On biological evolution and environmental solutions. <i>Science of the Total Environment</i> , 2020, 724, 138194.	3.9	9
3105	Filling the Void: The Effect of Stream Bank Soil Pipes on Transient Hyporheic Exchange During a Peak Flow Event. <i>Water Resources Research</i> , 2020, 56, e2019WR025959.	1.7	11
3106	Using Natural Experiments and Counterfactuals for Causal Assessment: River Salinity and the Ganges Water Agreement. <i>Water Resources Research</i> , 2020, 56, e2019WR026166.	1.7	10
3107	Quantifying Resilience via Multiscale Feedback Loops in Water Distribution Networks. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2020, 146, .	1.3	15
3108	Agriculture's Historic Twin-Challenge Toward Sustainable Water Use and Food Supply for All. <i>Frontiers in Sustainable Food Systems</i> , 2020, 4, .	1.8	30
3109	Heterologous Expression of a Soybean Gene RR34 Conferred Improved Drought Resistance of Transgenic Arabidopsis. <i>Plants</i> , 2020, 9, 494.	1.6	5
3110	Assessing the Benefits of Forested Riparian Zones: A Qualitative Index of Riparian Integrity Is Positively Associated with Ecological Status in European Streams. <i>Water (Switzerland)</i> , 2020, 12, 1178.	1.2	49
3111	Nutrient dynamics along the Moskva River under heavy pollution and limited self-purification capacity. <i>E3S Web of Conferences</i> , 2020, 163, 05014.	0.2	3
3112	Effect of Agrochemical Exposure on <i>Schistosoma mansoni</i> Cercariae Survival and Activity. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 1421-1428.	2.2	3
3113	Changes and drivers of freshwater mussel diversity patterns in the middle and lower Yangtze River Basin, China. <i>Global Ecology and Conservation</i> , 2020, 22, e00998.	1.0	5
3114	Predictive models of fish microhabitat selection in multiple sites accounting for abundance overdispersion. <i>River Research and Applications</i> , 2020, 36, 1056-1075.	0.7	7
3115	Evaluation of water quality in the South-to-North Water Diversion Project of China using the water quality index (WQI) method. <i>Water Research</i> , 2020, 178, 115781.	5.3	238
3116	Floodplain evaluation matrix FEM: A multiparameter assessment methodology. <i>Journal of Flood Risk Management</i> , 2020, 13, e12614.	1.6	9
3117	Drought alters the biogeochemistry of boreal stream networks. <i>Nature Communications</i> , 2020, 11, 1795.	5.8	49
3118	Impact of Afforestation on Atmospheric Recharge to Groundwater in a Semiarid Area. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032185.	1.2	21
3119	A data-based predictive model for spatiotemporal variability in stream water quality. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 827-847.	1.9	26
3120	Harps Enable Water Harvesting under Light Fog Conditions. <i>Advanced Sustainable Systems</i> , 2020, 4, 2000040.	2.7	29
3121	Occurrence of contaminants of emerging concern in aquatic ecosystems utilized by Minnesota tribal communities. <i>Science of the Total Environment</i> , 2020, 724, 138057.	3.9	30

#	ARTICLE	IF	CITATIONS
3122	Combining punctual and high frequency data for the spatiotemporal assessment of main geochemical processes and dissolved exports in an urban river catchment. <i>Science of the Total Environment</i> , 2020, 727, 138644.	3.9	7
3123	Characterizing the impacts of land use on nitrate load and water yield in an agricultural watershed in Atlantic Canada. <i>Science of the Total Environment</i> , 2020, 729, 138793.	3.9	44
3124	High Resolution Modeling of River-Floodplain-Reservoir Inundation Dynamics in the Mekong River Basin. <i>Water Resources Research</i> , 2020, 56, e2019WR026449.	1.7	52
3125	On the brink of isolation: Population estimates of the Araguaian river dolphin in a human-impacted region in Brazil. <i>PLoS ONE</i> , 2020, 15, e0231224.	1.1	13
3126	Temporal and environmental drivers of fish-community structure in tropical streams from two contrasting regions in India. <i>PLoS ONE</i> , 2020, 15, e0227354.	1.1	13
3127	Performance Evaluation of Regional Water Environment Integrated Governance: Case Study from Henan Province, China. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2501.	1.2	7
3128	Impacts of Mainstream Hydropower Dams on Fisheries and Agriculture in Lower Mekong Basin. <i>Sustainability</i> , 2020, 12, 2408.	1.6	62
3129	Burrowing behavior protects a threatened freshwater mussel in drying rivers. <i>Hydrobiologia</i> , 2021, 848, 3141-3152.	1.0	13
3130	High-resolution monitoring of inland water bodies across China in long time series and water resource changes. <i>Environment, Development and Sustainability</i> , 2021, 23, 3673-3695.	2.7	4
3131	The life cycle of the Maghrebian endemic <i>Ecdyonurus rothschildi</i> Navás, 1929 (Ephemeroptera: Tj ETQq1 1 0.784314 rgBT /Overlock	0.8	8
3132	Climate change adaptation in rural South Africa: Using stakeholder narratives to build system dynamics models in data-scarce environments. <i>Journal of Simulation</i> , 2021, 15, 5-22.	1.0	9
3133	Protective Mechanism Triggered by Pigeonpea Plants Exposed to Water Deficit: Modifications Linked to Paraheliotropism, Stomatal Characteristics and Antioxidant Enzymes. <i>Journal of Plant Growth Regulation</i> , 2021, 40, 20-36.	2.8	1
3134	Risk management of hydropower projects for sustainable development: a review. <i>Environment, Development and Sustainability</i> , 2021, 23, 45-76.	2.7	35
3135	Analysing the potential to restore the multi-functionality of floodplain systems by considering ecosystem service quality, quantity and trade-offs. <i>River Research and Applications</i> , 2021, 37, 221-232.	0.7	22
3136	A review of studies on observed precipitation trends in Italy. <i>International Journal of Climatology</i> , 2021, 41, E1.	1.5	31
3137	A proposal of a balanced scorecard to the water, energy and food nexus approach: Brazilian food policies in the context of sustainable development goals. <i>Stochastic Environmental Research and Risk Assessment</i> , 2021, 35, 129-146.	1.9	14
3138	Scientists' warning to humanity on the freshwater biodiversity crisis. <i>Ambio</i> , 2021, 50, 85-94.	2.8	387
3139	Genetic data improves niche model discrimination and alters the direction and magnitude of climate change forecasts. <i>Ecological Applications</i> , 2021, 31, e02254.	1.8	13

#	ARTICLE	IF	CITATIONS
3140	Linking contemporary river restoration to economics, technology, politics, and society: Perspectives from a historical case study of the Po River Basin, Italy. <i>Ambio</i> , 2021, 50, 492-504.	2.8	7
3141	Pesticide occurrence and water quality assessment from an agriculturally influenced Latin-American tropical region. <i>Chemosphere</i> , 2021, 262, 127851.	4.2	44
3142	Chicago's fish assemblage over ~30 years "more fish and more native species. <i>Urban Ecosystems</i> , 2021, 24, 311-325.	1.1	5
3143	Combined effects of life-history traits and human impact on extinction risk of freshwater megafauna. <i>Conservation Biology</i> , 2021, 35, 643-653.	2.4	18
3144	Subsize Ti3C2T derived from molten-salt synthesized Ti3AlC2 for enhanced capacitive deionization. <i>Ceramics International</i> , 2021, 47, 3665-3670.	2.3	25
3145	Classification of aquatic macroinvertebrates in flow categories for the adjustment of the LIFE Index to Costa Rican rivers. <i>Ecohydrology and Hydrobiology</i> , 2021, 21, 368-376.	1.0	4
3146	Multiple stressors and social-ecological traps in Pampean streams (Argentina): A conceptual model. <i>Science of the Total Environment</i> , 2021, 765, 142785.	3.9	14
3147	Wet season flood magnitude drives resilience to dry season drought of a euryhaline elasmobranch in a dry-land river. <i>Science of the Total Environment</i> , 2021, 750, 142234.	3.9	7
3148	Paradise lost? Pesticide pollution in a European region with considerable amount of traditional agriculture. <i>Water Research</i> , 2021, 188, 116528.	5.3	28
3149	Longitudinal dispersion coefficients of submerged vegetation flow under the effect of surface wind. <i>Environmental Science and Pollution Research</i> , 2021, 28, 12817-12830.	2.7	1
3150	Influence of discharge regime on the movement and refuge use of a freshwater fish in a drying temperate region. <i>Ecohydrology</i> , 2021, 14, .	1.1	9
3151	Challenges to water quality assessment in Europe "Is there scope for improvement of the current Water Framework Directive bioassessment scheme in rivers?. <i>Ecological Indicators</i> , 2021, 121, 107030.	2.6	31
3152	River water quality index prediction and uncertainty analysis: A comparative study of machine learning models. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104599.	3.3	164
3153	How does fish functional diversity respond to environmental changes in two large shallow lakes?. <i>Science of the Total Environment</i> , 2021, 753, 142158.	3.9	13
3154	Estimating the agricultural irrigation demand for planning of non-potable water reuse projects. <i>Agricultural Water Management</i> , 2021, 244, 106529.	2.4	8
3155	Microalgal biofuel production at national scales: Reducing conflicts with agricultural lands and biodiversity within countries. <i>Energy</i> , 2021, 215, 119033.	4.5	22
3156	Geology-dependent impacts of forest conversion on stream fish diversity. <i>Conservation Biology</i> , 2021, 35, 884-896.	2.4	11
3157	Comparison of traditional and environmental DNA survey methods for detecting rare and abundant freshwater fish. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 173-184.	0.9	17

#	ARTICLE	IF	CITATIONS
3158	Benefit Allocation in Shared Water-Saving Management Contract Projects Based on Modified Expected Shapley Value. <i>Water Resources Management</i> , 2021, 35, 39-62.	1.9	21
3159	Ecological condition, biodiversity and major environmental challenges in a tropical river network in the Bago District in South-central Myanmar: First insights to the unknown. <i>Limnologica</i> , 2021, 86, 125835.	0.7	7
3160	Do water quality, land use, or benthic diatoms drive macroinvertebrate functional feeding groups in a subtropical mountain stream?. <i>Inland Waters</i> , 2021, 11, 67-77.	1.1	3
3161	Early warning of water resource carrying status in Nanjing City based on coordinated development index. <i>Journal of Cleaner Production</i> , 2021, 284, 124696.	4.6	25
3162	How to design optimal eDNA sampling strategies for biomonitoring in river networks. <i>Environmental DNA</i> , 2021, 3, 157-172.	3.1	40
3163	Design and application of metal-organic frameworks and derivatives as heterogeneous Fenton-like catalysts for organic wastewater treatment: A review. <i>Environment International</i> , 2021, 146, 106273.	4.8	117
3164	Seven decades of hydrogeomorphological changes in a near-natural (Sense River) and a hydropower-regulated (Sarine River) pre-Alpine river floodplain in Western Switzerland. <i>Earth Surface Processes and Landforms</i> , 2021, 46, 252-266.	1.2	12
3165	Perfluorooctanoic acid-induced cellular and subcellular alterations in fish hepatocytes. <i>Environmental Toxicology and Pharmacology</i> , 2021, 81, 103548.	2.0	8
3166	Framing biophysical and societal implications of multiple stressor effects on river networks. <i>Science of the Total Environment</i> , 2021, 753, 141973.	3.9	10
3167	A green approach to DDT degradation and metabolite monitoring in water comparing the hydrodechlorination efficiency of Pd, Au-on-Pd and Cu-on-Pd nanoparticle catalysis. <i>Science of the Total Environment</i> , 2021, 760, 143403.	3.9	4
3168	Eco-friendly dyeing of raw cotton fibres in an ethanol-water mixture without scouring and bleaching pretreatments. <i>Green Chemistry</i> , 2021, 23, 796-807.	4.6	23
3169	Climate change and freshwater ecology: Hydrological and ecological methods of comparable complexity are needed to predict risk. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2021, 12, e692.	3.6	16
3170	Temperature regulated adsorption and desorption of heavy metals to A-MIL-121: Mechanisms and the role of exchangeable protons. <i>Water Research</i> , 2021, 189, 116599.	5.3	46
3171	Nano-agriculture: A Novel Approach in Agriculture. , 2021, , 99-122.		5
3172	A Bayesian framework for assessing extinction risk based on ordinal categories of population condition and projected landscape change. <i>Biological Conservation</i> , 2021, 253, 108866.	1.9	5
3173	Identifying lithogenic and anthropogenic factors responsible for spatio-seasonal patterns and quality evaluation of snow melt waters of the River Jhelum Basin in Kashmir Himalaya. <i>Catena</i> , 2021, 196, 104853.	2.2	22
3174	Scale-up impact over solar photocatalytic ozonation with benchmark-P25 and N-TiO2 for insecticides abatement in water. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104915.	3.3	12
3175	Chemometric modeling for spatiotemporal characterization and self-depuration monitoring of surface water assessing the pollution sources impact of northern Argentina rivers. <i>Microchemical Journal</i> , 2021, 162, 105841.	2.3	6

#	ARTICLE	IF	CITATIONS
3176	Combining Optical Remote Sensing, McFLI Discharge Estimation, Global Hydrologic Modeling, and Data Assimilation to Improve Daily Discharge Estimates Across an Entire Large Watershed. <i>Water Resources Research</i> , 2021, 57, e2020WR027794.	1.7	16
3177	Controllable synthesis of a hollow core-shell Co-Fe layered double hydroxide derived from Co-MOF and its application in capacitive deionization. <i>Journal of Colloid and Interface Science</i> , 2021, 585, 85-94.	5.0	54
3178	Occurrence, distribution, and potential health risks of psychoactive substances in Chinese surface waters. <i>Journal of Hazardous Materials</i> , 2021, 407, 124851.	6.5	9
3179	Enhancing stormwater control measures using real-time control technology: a review. <i>Urban Water Journal</i> , 2021, 18, 101-114.	1.0	28
3180	Scale-dependent patterns of metacommunity structuring in aquatic organisms across floodplain systems. <i>Journal of Biogeography</i> , 2021, 48, 872-885.	1.4	32
3181	Stochastic mathematical models to balance human and environmental water needs and select the best conservation policy for drought-prone river basins. <i>Journal of Cleaner Production</i> , 2021, 291, 125230.	4.6	7
3182	Spatial Patterns and Drivers of Nonperennial Flow Regimes in the Contiguous United States. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090794.	1.5	54
3183	Beneficial synergy of adsorption-intercalation conversion mechanisms in Nb ₂ O ₅ @nitrogen-doped carbon frameworks for promoted removal of metal ions via hybrid capacitive deionization. <i>Environmental Science: Nano</i> , 2021, 8, 122-130.	2.2	27
3184	Do ecosystem insecurity and social vulnerability lead to failure of water security?. <i>Environmental Development</i> , 2021, 38, 100606.	1.8	17
3185	System dynamics to assess the effectiveness of restoration scenarios for the Urmia Lake: A prey-predator approach for the human-environment uncertain interactions. <i>Journal of Hydrology</i> , 2021, 593, 125891.	2.3	15
3186	Using multiple endpoints to assess the toxicity of cadmium and cobalt for chlorophycean <i>Raphidocelis subcapitata</i> . <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111628.	2.9	15
3187	Empirical characterization factors to be used in LCA and assessing the effects of hydropower on fish richness. <i>Ecological Indicators</i> , 2021, 121, 107047.	2.6	15
3188	Calix[4]pyrrole-Crosslinked Porous Polymeric Networks for the Removal of Micropollutants from Water. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7188-7196.	7.2	69
3189	The utility of environmental DNA from sediment and water samples for recovery of observed plant and animal species from four Mojave Desert springs. <i>Environmental DNA</i> , 2021, 3, 214-230.	3.1	14
3190	Assessing multi-scale effects of natural water retention measures on in-stream fine bed material deposits with a modeling cascade. <i>Journal of Hydrology</i> , 2021, 594, 125702.	2.3	7
3191	Influence of aspartic acid functionalized graphene oxide presence in polyvinylchloride mixed matrix membranes on chromium removal from aqueous feed containing humic acid. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104685.	3.3	24
3192	Strong interfacial charge transfer between hausmannite manganese oxide and alumina for efficient photocatalysis. <i>Chinese Journal of Chemical Engineering</i> , 2021, 33, 147-159.	1.7	6
3193	Pollution shapes the microbial communities in river water and sediments from the Olifants River catchment, South Africa. <i>Archives of Microbiology</i> , 2021, 203, 295-303.	1.0	3

#	ARTICLE	IF	CITATIONS
3194	Water quality assessment in a wetland complex using Sentinel 2 satellite images. <i>International Journal of Environmental Science and Technology</i> , 2021, 18, 2345-2356.	1.8	11
3195	Future impacts of climate change on inland Ramsar wetlands. <i>Nature Climate Change</i> , 2021, 11, 45-51.	8.1	103
3196	Safeguarding freshwater life beyond 2020: Recommendations for the new global biodiversity framework from the European experience. <i>Conservation Letters</i> , 2021, 14, e12771.	2.8	92
3197	Modelling climatic water balance for water stress-detection for select crops under climate variability in the Sudano-Guinean Savanna, Nigeria. <i>Modeling Earth Systems and Environment</i> , 2021, 7, 715-735.	1.9	6
3198	Lakes in the era of global change: moving beyond single-lake thinking in maintaining biodiversity and ecosystem services. <i>Biological Reviews</i> , 2021, 96, 89-106.	4.7	142
3199	Impact of heavy metals dispersion on water supplies around Oshiri and Ishiagu mine districts of Southern Benue Trough, Nigeria. <i>Modeling Earth Systems and Environment</i> , 2021, 7, 2015-2030.	1.9	9
3200	Anthropogenic-driven transformations of dragonfly (Insecta: Odonata) communities of low elevation mountain wetlands during the last century. <i>Insect Conservation and Diversity</i> , 2021, 14, 26-39.	1.4	11
3201	Detecting the short term impact of soil and water conservation practices using stage as a proxy for discharge—A case study from the Tana sub-basin, Ethiopia. <i>Land Degradation and Development</i> , 2021, 32, 867-880.	1.8	4
3202	Ecological dynamics of a peri-urban lake: a multi-proxy paleolimnological study of Cultus Lake (British Columbia). <i>Journal of Great Lakes Research</i> , 2021, 47, 100-110.	0.8	6
3203	Simulated instream restoration structures offer smallmouth bass (<i>Micropterus dolomieu</i>) swimming and energetic advantages at high flow velocities. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2021, 78, 40-56.	0.7	2
3204	The conservation status of the world's freshwater molluscs. <i>Hydrobiologia</i> , 2021, 848, 3231-3254.	1.0	68
3205	Adding forests to the water-energy-food nexus. <i>Nature Sustainability</i> , 2021, 4, 85-92.	11.5	74
3206	A temporal perspective to dam management: influence of dam life and threshold fishery conditions on the energy-fish tradeoff. <i>Stochastic Environmental Research and Risk Assessment</i> , 2021, 35, 83-94.	1.9	6
3207	Evaluating the potentials of cropping adjustment for groundwater conservation and food production in the piedmont region of the North China Plain. <i>Stochastic Environmental Research and Risk Assessment</i> , 2021, 35, 117-128.	1.9	13
3208	Influence of a biofilm bioreactor on water quality and microbial communities in a hypereutrophic urban river. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 1452-1460.	1.2	3
3209	Freshwater fish biodiversity in the Leizhou Peninsula of China. <i>Aquatic Ecosystem Health and Management</i> , 2019, 22, 160-170.	0.3	7
3211	Sources, types, and effects of nutrients (N and P) in coastal sediments. <i>Journal of Great Lakes Research</i> , 2021, 47, 47-78.		2
3212	Water Risks, Conflicts, and Sustainable Water Investments: A Case Study of Ontario, Canada. <i>Palgrave Studies in Sustainable Business in Association With Future Earth</i> , 2021, 219-251.	0.5	2

#	ARTICLE	IF	CITATIONS
3213	River Pollution and Perturbation: Perspectives and Processes. , 2021, , 443-530.		3
3214	Urban Water Deficit in Sub-Saharan African Cities. Encyclopedia of the UN Sustainable Development Goals, 2021, , 1-10.	0.0	1
3215	Issues, Dimensions and Approaches of Assessing Urban Water Security in Developing and Emerging Countries: An Inclusive Perspective. , 2021, , 151-184.		4
3216	Water and Its Management: Dependence, Linkages and Challenges. , 2021, , 41-85.		1
3218	Impacts of Dams on Aquatic Biodiversity, Fisheries, Fishes and Their Environment: Problems that Could Be Present in Iraq with Recommendations. , 2021, , 369-382.		1
3219	Efficient removal of heavy metals from polluted water with high selectivity for Hg(<i>ii</i>) and Pb(<i>ii</i>) by a 2-imino-4-thiobiuret chemically modified MIL-125 metal-organic framework. RSC Advances, 2021, 11, 13940-13950.	1.7	25
3220	Enhanced water purification via redox interfaces created by an atomic layer deposition strategy. Environmental Science: Nano, 2021, 8, 950-959.	2.2	16
3221	A Review of Water Stress and Water Footprint Accounting. Water (Switzerland), 2021, 13, 201.	1.2	48
3222	Regulation of freshwater use to restore ecosystems resilience. Climate Risk Management, 2021, 32, 100303.	1.6	3
3223	Multifunctional oligomer sponge for efficient solar water purification and oil cleanup. Journal of Materials Chemistry A, 2021, 9, 2104-2110.	5.2	11
3224	Responsive membranes for wastewater treatment. , 2021, , 673-697.		1
3225	Development of a Regional Gridded Runoff Dataset Using Long Short-Term Memory (LSTM) Networks. Hydrology, 2021, 8, 6.	1.3	13
3226	Oil and derivatives. , 2021, , 133-187.		0
3227	Water Security in Pakistan: Availability, Accessibility and Utilisation. World Water Resources, 2021, , 57-78.	0.4	2
3228	Statistical analysis of water quality parameters in the basin of the NiÅjava River (Serbia) in the period 2009-2018. Geografie-Sbornik CGS, 2021, 126, 55-73.	0.3	3
3230	Impacts of global climate change on water quality and its assessment. , 2021, , 229-275.		2
3231	for Socio-Ecohydrological Resilience. , 2021, , 387-416.		3
3232	RAD Adaptive Management for Transforming Ecosystems. BioScience, 2022, 72, 45-56.	2.2	32

#	ARTICLE	IF	CITATIONS
3233	Global water scarcity including surface water quality and expansions of clean water technologies. Environmental Research Letters, 2021, 16, 024020.	2.2	192
3234	Nanoscale control of internal inhomogeneity enhances water transport in desalination membranes. Science, 2021, 371, 72-75.	6.0	193
3235	Achieving European Water Quality Ambitions: Governance Conditions for More Effective Approaches at the Local-Regional Scale. Sustainability, 2021, 13, 681.	1.6	4
3236	Urban Animal Diversity in the Global South. Cities and Nature, 2021, , 169-202.	0.6	8
3237	Nanotechnological Developments in Nanofiber-Based Membranes Used for Water Treatment Applications. Environmental Chemistry for A Sustainable World, 2021, , 205-259.	0.3	0
3238	Freshwater mussels in Mediterranean climate regions: Species richness, conservation status, threats, and Conservation Actions Needed. Aquatic Conservation: Marine and Freshwater Ecosystems, 2021, 31, 708-728.	0.9	10
3239	Ecohydraulic model for designing environmental flows supports recovery of imperilled Murray cod		

#	ARTICLE	IF	CITATIONS
3251	Stable Isotope Insights into Microplastic Contamination within Freshwater Food Webs. <i>Environmental Science & Technology</i> , 2021, 55, 1024-1035.	4.6	47
3252	Kills in the Darling: assessing the impact of the 2018â€“20 mass fish kills on the fish communities of the Lower Darlingâ€“. <i>Marine and Freshwater Research</i> , 2022, 73, 159-177.	0.7	8
3253	How We Manage Rivers, and Why. , 2021, , 453-480.		0
3254	Rivers in the Anthropocene. , 2021, , 1-17.		0
3255	Eco-restoration of Rivers. , 2021, , 655-746.		0
3257	Biodiversity: Concept, Theories, and Significance in River Ecology. , 2021, , 35-185.		1
3258	Spatio-Temporal Variation Characteristics of Water Quality and Its Response to Climate: A Case Study in Yihe River Basin. <i>Journal of Environmental Informatics Letters</i> , 0, , .	0.6	1
3259	Seasonal variations in food web dynamics of floodplain lakes with contrasting hydrological connectivity in the Southern Gulf of Mexico. <i>Hydrobiologia</i> , 2021, 848, 773-797.	1.0	14
3260	Lacking character? A policy analysis of environmental watering of Ramsar wetlands in the Murrayâ€“Darling Basin, Australia. <i>Marine and Freshwater Research</i> , 2022, 73, 1225-1240.	0.7	11
3261	The representativeness of protected areas for Amazonian fish diversity under climate change. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 1158-1166.	0.9	9
3262	Empirical support for the biogeochemical niche hypothesis in forest trees. <i>Nature Ecology and Evolution</i> , 2021, 5, 184-194.	3.4	50
3263	Assessment of the causes and solutions to the significant 2018â€“19 fish deaths in the Lower Darling River, New South Wales, Australia. <i>Marine and Freshwater Research</i> , 2022, 73, 147-158.	0.7	16
3264	Metal-Organic Frameworks for Heavy Metal Removal From Water. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2021, , 92-111.	0.2	0
3265	Effects of climate change and industrialization on Lake Bolshoe Toko, eastern Siberia. <i>Journal of Paleolimnology</i> , 2021, 65, 335-352.	0.8	16
3266	Population biology of the freshwater shrimp <i>Atya scabra</i> (Leach, 1816) (Crustacea: Decapoda) in SÃ£o Francisco River, Brazil: evidence from a population at risk of extinction. <i>Nauplius</i> , 0, 29, .	0.3	1
3267	Whither Indiaâ€™s Federal Governance for Long-Term Water Security?. <i>Water Resources Development and Management</i> , 2021, , 165-185.	0.3	0
3268	Hydromorphology: Case Studies. , 2021, , .		0
3269	Anthropogenic river fragmentation reduces long-term viability of the migratory fish <i>Salminus brasiliensis</i> (Characiformes: Bryconidae) populations. <i>Neotropical Ichthyology</i> , 2021, 19, .	0.5	2

#	ARTICLE	IF	CITATIONS
3271	Current Trends and Projections of Water Resources Under Climate Change in Ganga River Basin. <i>Society of Earth Scientists Series</i> , 2021, , 233-256.	0.2	3
3272	Impact of Increased Nutrients and Lowered pH on Photosynthesis and Growth of Three Marine Phytoplankton Communities From the Coastal South West Atlantic (Patagonia, Argentina). <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	8
3274	Hydroacoustic Autonomous boat for Remote fish detection in <scp>Lake (HARLE</scp>), an unmanned autonomous surface vehicle to monitor fish populations in lakes. <i>Limnology and Oceanography: Methods</i> , 2021, 19, 280-292.	1.0	6
3275	Long and lasting: spatial patterns and temporal trends in a fish community responding to landscape-scale hydrological restoration of a coastal freshwater wetland complex. <i>Landscape Ecology</i> , 2021, 36, 1511-1532.	1.9	5
3276	Sampling intensity influences the estimation of functional diversity indices of fish communities. <i>Ecological Indicators</i> , 2021, 121, 107169.	2.6	10
3277	Durable Freshwater Protection: A Framework for Establishing and Maintaining Long-Term Protection for Freshwater Ecosystems and the Values They Sustain. <i>Sustainability</i> , 2021, 13, 1950.	1.6	21
3278	Human impacts on global freshwater fish biodiversity. <i>Science</i> , 2021, 371, 835-838.	6.0	262
3279	Metadata standards and practical guidelines for specimen and DNA curation when building barcode reference libraries for aquatic life. <i>Metabarcoding and Metagenomics</i> , 0, 5, .	0.0	29
3280	Parameter regionalization of the FLEX-Global hydrological model. <i>Science China Earth Sciences</i> , 2021, 64, 571-588.	2.3	1
3281	Rapid Assessment of SARS-CoV-2 Transmission Risk for Fecally Contaminated River Water. <i>ACS ES&T Water</i> , 2021, 1, 949-957.	2.3	38
3282	Effects of hydrological regime and land use on in-stream <i>Escherichia coli</i> concentration in the Mekong basin, Lao PDR. <i>Scientific Reports</i> , 2021, 11, 3460.	1.6	11
3283	Hydrodynamics and water quality of the Hongze Lake in response to human activities. <i>Environmental Science and Pollution Research</i> , 2021, 28, 46215-46232.	2.7	13
3284	Environmental stressors, complex interactions and marine benthic communities'™ responses. <i>Scientific Reports</i> , 2021, 11, 4194.	1.6	41
3285	Spatial and temporal trends in different dimensions of macrophyte biodiversity in boreal lakes. <i>Nordia Geographical Publications</i> , 2021, 50, 1-63.	0.3	1
3286	Stewardship and management of freshwater ecosystems: From Leopold's land ethic to a freshwater ethic. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 1499-1511.	0.9	7
3287	Dataset of Georeferenced Dams in South America (DDSA). <i>Earth System Science Data</i> , 2021, 13, 213-229.	3.7	10
3288	The <scp>Asia-Pacific</scp> Biodiversity Observation Network: 10-year achievements and new strategies to 2030. <i>Ecological Research</i> , 2021, 36, 232-257.	0.7	11
3289	Standardization of instantaneous fluoroprobe measurements of benthic algal biomass and composition in streams. <i>Ecological Indicators</i> , 2021, 121, 107185.	2.6	10

#	ARTICLE	IF	CITATIONS
3290	Conservation Across Aquatic-Terrestrial Boundaries: Linking Continental-Scale Water Quality to Emergent Aquatic Insects and Declining Aerial Insectivorous Birds. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	14
3291	Mapping groundwater recharge in Africa from ground observations and implications for water security. <i>Environmental Research Letters</i> , 2021, 16, 034012.	2.2	55
3292	Calix[4]pyrroleâ€“Crosslinked Porous Polymeric Networks for the Removal of Micropollutants from Water. <i>Angewandte Chemie</i> , 2021, 133, 7264-7272.	1.6	13
3293	Thin-Film Nanocomposite Membranes Containing Water-Stable Zirconium Metalâ€“Organic Cages for Desalination. , 2021, 3, 268-274.		44
3294	Spatialâ€“Temporal Evolution Characteristics and Influencing Factors of Agricultural Water Use Efficiency in Northwest Chinaâ€“Based on a Super-DEA Model and a Spatial Panel Econometric Model. <i>Water (Switzerland)</i> , 2021, 13, 632.	1.2	20
3295	An open source reservoir and sediment simulation framework for identifying and evaluating siting, design, and operation alternatives. <i>Environmental Modelling and Software</i> , 2021, 136, 104947.	1.9	13
3296	Multiple stressors determine river ecological status at the European scale: Towards an integrated understanding of river status deterioration. <i>Global Change Biology</i> , 2021, 27, 1962-1975.	4.2	114
3297	A review of 80 assessment tools measuring water security. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021, 8, e1516.	2.8	36
3298	Predicting the effects of reservoir water level management on the reproductive output of a riparian songbird. <i>PLoS ONE</i> , 2021, 16, e0247318.	1.1	0
3299	Artificial Light at Night Alters the Physiology and Behavior of Western Mosquitofish (<i>Gambusia</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.1	14
3300	A Journey of Laser-Induced Graphene in Water Treatment. , 2021, 6, 159.		20
3301	Estimating river nutrient concentrations consistent with good ecological condition: More stringent nutrient thresholds needed. <i>Ecological Indicators</i> , 2021, 121, 107017.	2.6	36
3302	The potential of water security in leveraging Agenda 2030. <i>One Earth</i> , 2021, 4, 258-268.	3.6	28
3303	Interactive effects of discharge reduction and fine sediments on stream biofilm metabolism. <i>PLoS ONE</i> , 2021, 16, e0246719.	1.1	4
3305	Ecology and the science of small-scale fisheries: A synthetic review of research effort for the Anthropocene. <i>Biological Conservation</i> , 2021, 254, 108895.	1.9	18
3306	Riverine landscapes: Challenges and future trends in research and management. <i>River Research and Applications</i> , 2021, 37, 119-122.	0.7	7
3307	Stable and Highly Efficient Hydrogen Evolution from Seawater Enabled by an Unsaturated Nickel Surface Nitride. <i>Advanced Materials</i> , 2021, 33, e2007508.	11.1	278
3308	Scientific Methods to Understand Fish Population Dynamics and Support Sustainable Fisheries Management. <i>Water (Switzerland)</i> , 2021, 13, 574.	1.2	25

#	ARTICLE	IF	CITATIONS
3309	Snowpack signals in North American tree rings. <i>Environmental Research Letters</i> , 2021, 16, 034037.	2.2	20
3310	Assessment of river alteration using a new hydromorphological index. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 226.	1.3	4
3311	The potential of exact sequence variants (ESVs) to interpret and assess the impact of agricultural pressure on stream diatom assemblages revealed by DNA metabarcoding. <i>Ecological Indicators</i> , 2021, 122, 107322.	2.6	30
3313	Ecological Memory of Historical Contamination Influences the Response of Phytoplankton Communities. <i>Ecosystems</i> , 2021, 24, 1591-1607.	1.6	3
3314	DNA metabarcoding of zooplankton communities: species diversity and seasonal variation revealed by 18S rRNA and COI. <i>PeerJ</i> , 2021, 9, e11057.	0.9	6
3315	Resilience Meets the Water-Energy-Food Nexus: Mapping the Research Landscape. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	20
3316	Forested Riparian Zones Provide Important Habitat for Fish in Urban Streams. <i>Water (Switzerland)</i> , 2021, 13, 877.	1.2	9
3317	Spatial distribution of heavy metals in the Ga-Selati River of the Olifants River System, South Africa. <i>Chemistry and Ecology</i> , 2021, 37, 450-463.	0.6	3
3318	The species-area relationship for a highly fragmented temperate river system. <i>Ecosphere</i> , 2021, 12, e03411.	1.0	4
3319	Highly Branched Pillar[5]arene-Derived Porous Aromatic Frameworks (PAFs) for Removal of Organic Pollutants from Water. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 16507-16515.	4.0	27
3320	Long-Term Dynamics of Different Surface Water Body Types and Their Possible Driving Factors in China. <i>Remote Sensing</i> , 2021, 13, 1154.	1.8	6
3321	Impacts of groundwater over exploitation on the renewal and hydrodynamic behavior of the alluvial aquifer of Sidi Bel Abbes (Algerian NW). <i>Applied Water Science</i> , 2021, 11, 1.	2.8	4
3322	Negative resistance and resilience: biotic mechanisms underpin delayed biological recovery in stream restoration. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210354.	1.2	15
3323	Maternal Transfer of 2-Ethylhexyl Diphenyl Phosphate Leads to Developmental Toxicity Possibly by Blocking the Retinoic Acid Receptor and Retinoic X Receptor in Japanese Medaka (<i>Oryzias latipes</i>). <i>Toxicology and Applied Pharmacology</i> , 2021, 414, 115714.	1.0	4
3324	Co-development of East African regional water scenarios for 2050. <i>One Earth</i> , 2021, 4, 434-447.	3.6	4
3325	Parametrization of a lake water dynamics model MLake in the ISBA-CTRIP land surface system (SURFEX). <i>Journal of Geophysical Research</i> , 2021, 126, e2020JD033147.	1.3	7
3326	Human-River Encounter Sites: Looking for Harmony between Humans and Nature in Cities. <i>Sustainability</i> , 2021, 13, 2864.	1.6	24
3327	A pilot for implementing environmental DNA (eDNA) based methods into environmental and biomonitoring. <i>ARPHA Conference Abstracts</i> , 0, 4, .	0.0	0

#	ARTICLE	IF	CITATIONS
3328	Water Security and River Basin Revitalization of the São Francisco River Basin: A Symbiotic Relationship. <i>Water (Switzerland)</i> , 2021, 13, 907.	1.2	3
3329	Seasonal turnover in community composition of stream-associated macroinvertebrates inferred from freshwater environmental DNA metabarcoding. <i>Environmental DNA</i> , 2021, 3, 861-876.	3.1	19
3331	Evaluation of Domestic Water Supply and Use Statistics of Turkey. <i>Coğrafya Bilimler Dergisi</i> , 2021, 19, 195-216.	0.4	5
3332	Monitoring and Statistical Analysis of Formation of Organochlorine and Organobromine Compounds in Drinking Water of Different Water Intakes. <i>Molecules</i> , 2021, 26, 1852.	1.7	7
3333	Large-scale prediction of tropical stream water quality using Rough Sets Theory. <i>Ecological Informatics</i> , 2021, 61, 101226.	2.3	10
3334	Expanding ecological assessment by integrating microorganisms into routine freshwater biomonitoring. <i>Water Research</i> , 2021, 191, 116767.	5.3	104
3335	A Bioinspired Elastic Hydrogel for Solar-Driven Water Purification. <i>Advanced Materials</i> , 2021, 33, e2007833.	11.1	119
3336	Phylogenetic diversity efficiently and accurately prioritizes conservation of aquatic macroinvertebrate communities. <i>Ecosphere</i> , 2021, 12, e03383.	1.0	1
3337	Setting Priorities in River Management Using Habitat Suitability Models. <i>Water (Switzerland)</i> , 2021, 13, 886.	1.2	2
3338	A coupled human-natural system analysis of freshwater security under climate and population change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	61
3339	Groundwater Stress Analysis using GIS in Parts of Varanasi District, Uttar Pradesh, India. <i>Proceedings of the National Academy of Sciences India Section A - Physical Sciences</i> , 2022, 92, 491-502.	0.8	1
3340	Principles to develop a simplified multimetric index for the assessment of the ecological status of Armenian rivers on example of the Arpa River system. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 195.	1.3	3
3341	Hydro-modifications matter: Influence of vale transformation on macroinvertebrate communities (Rotifera, Cladocera, and Copepoda) of upland rivers. <i>Ecological Indicators</i> , 2021, 122, 107259.	2.6	4
3342	Concentration Polarization Enabled Reactive Coating of Nanofiltration Membranes with Zwitterionic Hydrogel. <i>Membranes</i> , 2021, 11, 187.	1.4	7
3343	National framework for ranking lakes by potential for anthropogenic hydro-alteration. <i>Ecological Indicators</i> , 2021, 122, 107241.	2.6	6
3345	An Integrated Approach to Chlorophyll Monitoring in Surface Freshwater: The Case Study of Lake Albano (Central Italy). <i>Water (Switzerland)</i> , 2021, 13, 1253.	1.2	2
3346	Spatiotemporal assessment of land use/land cover change and associated carbon emissions and uptake in the Mekong River Basin. <i>Remote Sensing of Environment</i> , 2021, 256, 112336.	4.6	45
3347	Assessment of water resource security in karst area of Guizhou Province, China. <i>Scientific Reports</i> , 2021, 11, 7641.	1.6	12

#	ARTICLE	IF	CITATIONS
3348	Anthropogenic drought dominates groundwater depletion in Iran. <i>Scientific Reports</i> , 2021, 11, 9135.	1.6	104
3349	The impacts of local and regional factors on the phytoplankton community dynamics in a temperate river, northern China. <i>Ecological Indicators</i> , 2021, 123, 107352.	2.6	19
3350	Managing network responsiveness in emergency preparedness supply chains for safety and security in developed nations. <i>Revista Científica General José María Córdova</i> , 2021, 19, 453-477.	0.1	4
3351	Unveiling water security in Brazil: current challenges and future perspectives. <i>Hydrological Sciences Journal</i> , 2021, 66, 759-768.	1.2	12
3352	Environmental factors influencing annual sucker (<i>Catostomus</i> sp.) migration into a Great Lakes tributary. <i>Journal of Great Lakes Research</i> , 2021, 47, 1159-1159.	0.8	5
3354	Potential Water Recovery from Biomass Boilers: Parametric Analysis. <i>Computation</i> , 2021, 9, 53.	1.0	1
3355	Urbanization: an increasing source of multiple pollutants to rivers in the 21st century. <i>Npj Urban Sustainability</i> , 2021, 1, .	3.7	84
3356	Mapping incentives for sustainable water use: global potential, local pathways. <i>Environmental Research Communications</i> , 2021, 3, 041002.	0.9	4
3357	Applied pesticide toxicity shifts toward plants and invertebrates, even in GM crops. <i>Science</i> , 2021, 372, 81-84.	6.0	152
3359	Assessment of biodecolorization potentials of biofilm forming bacteria from two different genera for Mordant Black 11 dye. <i>Bioremediation Journal</i> , 2021, 25, 252-270.	1.0	10
3360	The longest fragment drives fish beta diversity in fragmented river networks: Implications for river management and conservation. <i>Science of the Total Environment</i> , 2021, 766, 144323.	3.9	12
3361	Water Security in Brazil, Bolivia, and Mexico. , 2021, , 57-77.		0
3362	Impacts of Water Resources Allocation on Water Environmental Capacity under Climate Change. <i>Water (Switzerland)</i> , 2021, 13, 1187.	1.2	11
3363	Fine scale mapping of fractional tree canopy cover to support river basin management. <i>Hydrological Processes</i> , 2021, 35, e14156.	1.1	3
3364	A Versatile Cationic Organic Network Adsorbent for the Highly Efficient Removal of Diverse Water Contaminants. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100016.	1.9	9
3365	The use of an integrative approach to improve accuracy of species identification and detection of new species in studies of stream fish diversity. <i>Genetica</i> , 2021, 149, 103-116.	0.5	12
3366	Sediment and nutrient sources and sinks in a wet-dry tropical catchment draining to the Great Barrier Reef. <i>Marine Pollution Bulletin</i> , 2021, 165, 112080.	2.3	5
3367	Appraising the Status of Fish Community Structure in the Yellow Sea Based on an Indicator-Testing Framework. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	1

#	ARTICLE	IF	CITATIONS
3368	Mapping and Monitoring the Multi-Decadal Dynamics of Australia's Open Waterbodies Using Landsat. Remote Sensing, 2021, 13, 1437.	1.8	15
3369	Habitat based fish assemblage and distribution pattern in a large reservoir of peninsular India. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	5
3370	Efficient Removal of Dye from Wastewater without Selectivity Using Activated Carbon- <i>Juncus effusus</i> Porous Fibril Composites. ACS Applied Materials & Interfaces, 2021, 13, 19176-19186.	4.0	52
3371	Analysis of the Water Quality of the Ishim River within the Akmola Region (Kazakhstan) Using Hydrochemical Indicators. Water (Switzerland), 2021, 13, 1243.	1.2	9
3372	Adaptive optimal allocation of water resources response to future water availability and water demand in the Han River basin, China. Scientific Reports, 2021, 11, 7879.	1.6	26
3373	Bioinspired Fibers with Controlled Wettability: From Spinning to Application. ACS Nano, 2021, 15, 7907-7930.	7.3	53
3374	Environmental issues and challenges confronting surface waters in South America: A review. Environmental Challenges, 2021, 3, 100049.	2.0	12
3375	Ensembles of multiple spectral water indices for improving surface water classification. International Journal of Applied Earth Observation and Geoinformation, 2021, 96, 102278.	1.4	3
3376	Ni ₂ Nanocubes Coated Ti ₃ C ₂ Nanosheets with Enhanced Light-to-Heat Conversion for Fast and Efficient Solar Seawater Steam Generation. Solar Rrl, 2021, 5, 2100183.	3.1	13
3377	Optimizing Carbon Sequestration in Croplands: A Synthesis. Agronomy, 2021, 11, 882.	1.3	61
3378	Chemical Pollution Levels in a River Explain Site-Specific Sensitivities to Micropollutants within a Genetically Homogeneous Population of Freshwater Amphipods. Environmental Science & Technology, 2021, 55, 6087-6096.	4.6	18
3379	Offsetting connectivity loss in rivers: Towards a no-net-loss approach for barrier planning. Biological Conservation, 2021, 256, 109043.	1.9	7
3380	Scenario simulation of water resources development and utilization based on a system dynamics model. International Journal of Water Resources Development, 2022, 38, 447-463.	1.2	6
3381	Revival of Traditional Cascade Tanks for Achieving Climate Resilience in Drylands of South India. Frontiers in Water, 2021, 3, .	1.0	13
3382	Adaptive and transformative learning in environmental water management: Implementing the Crocodile River's Ecological Reserve in Kruger National Park, South Africa. Koedoe, 2021, 63, .	0.3	2
3383	Spatial variability in water quality and macroinvertebrate assemblages across a disturbance gradient in the Mara River Basin, Kenya. Ecohydrology and Hydrobiology, 2021, 21, 718-730.	1.0	16
3384	Impact analysis of small hydropower construction on river connectivity on the upper reaches of the great rivers in the Tibetan Plateau. Global Ecology and Conservation, 2021, 26, e01496.	1.0	6
3385	Assessment of automatic extraction of surface water dynamism using multi-temporal satellite data. Earth Science Informatics, 2021, 14, 1433-1446.	1.6	5

#	ARTICLE	IF	CITATIONS
3386	Rice paddy irrigation seasonally impacts stream benthic macroinvertebrate diversity at the catchment level. <i>Ecosphere</i> , 2021, 12, e03468.	1.0	8
3387	Untapped Knowledge about Water Reuse: the Roles of Direct and Indirect Educational Messaging. <i>Water Resources Management</i> , 2021, 35, 2601-2615.	1.9	6
3388	A tale of two habitats: whole-watershed comparison of disturbed and undisturbed river systems in northern Michigan (USA), based on adult Ephemeroptera, Plecoptera, and Trichoptera assemblages and functional feeding group biomass. <i>Hydrobiologia</i> , 2021, 848, 3429-3446.	1.0	4
3389	The effects of a sediment flushing on Alpine macroinvertebrate communities. <i>Hydrobiologia</i> , 2021, 848, 3921-3941.	1.0	9
3390	Worldwide water constraints on attainable irrigated production for major crops. <i>Environmental Research Letters</i> , 2021, 16, 055016.	2.2	11
3391	Ciliates (Alveolata, Ciliophora) as bioindicators of environmental pressure: A karstic river case. <i>Ecological Indicators</i> , 2021, 124, 107430.	2.6	20
3392	Current extinction rate in European freshwater gastropods greatly exceeds that of the late Cretaceous mass extinction. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	31
3393	Quantifying carbon footprint for ecological river restoration. <i>Environment, Development and Sustainability</i> , 2022, 24, 952-970.	2.7	3
3394	Ecological scheduling of the middle route of south-to-north water diversion project based on a reinforcement learning model. <i>Journal of Hydrology</i> , 2021, 596, 126107.	2.3	23
3395	Surface water quality assessment based on the Integrated Water Quality Index in the Maozhou River basin, Guangdong, China. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	12
3396	Self-propelling nanomotor made from halloysite and catalysis in Fenton-like reaction. <i>Journal of the American Ceramic Society</i> , 2021, 104, 4867-4877.	1.9	12
3397	Short-term impacts of a record-shattering flood and dam removal on a river turtle assemblage and population placed within the context of a 50 year study. <i>Acta Oecologica</i> , 2021, 110, 103699.	0.5	3
3398	Grand Challenges to Support the Freshwater Biodiversity Emergency Recovery Plan. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	39
3399	Assessments of Bacterial Community Shifts in Sediments along the Headwaters of São Francisco River, Brazil. <i>Conservation</i> , 2021, 1, 91-105.	0.8	2
3400	Trends and gaps in studies of stream-dwelling fish in Brazil. <i>Hydrobiologia</i> , 2021, 848, 3955-3968.	1.0	5
3401	Identifying priority areas for surface water protection in data scarce regions: An integrated spatial analysis for Zambia. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 1998-2016.	0.9	9
3402	Social-ecological interactions in the Draa River Basin, southern Morocco: Towards nature conservation and human well-being using the IPBES framework. <i>Science of the Total Environment</i> , 2021, 769, 144492.	3.9	16
3403	Recent Advances in Two-Dimensional MoS ₂ Nanosheets for Environmental Application. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 8007-8026.	1.8	21

#	ARTICLE	IF	CITATIONS
3404	Charge-Gradient Hydrogels Enable Direct Zero Liquid Discharge for Hypersaline Wastewater Management. <i>Advanced Materials</i> , 2021, 33, e2100141.	11.1	37
3405	From <i>water2me</i> to <i>water4all</i> : Democratizing the discussion of global water futures through crowdsourcing of individual water values. <i>Hydrological Processes</i> , 2021, 35, e14134.	1.1	1
3406	Global variation in freshwater physico-chemistry and its influence on chemical toxicity in aquatic wildlife. <i>Biological Reviews</i> , 2021, 96, 1528-1546.	4.7	25
3407	Land-use influence on the functional organization of Afrotropical macroinvertebrate assemblages. <i>Limnologica</i> , 2021, 88, 125875.	0.7	23
3408	Aligning agri-environmental subsidies and environmental needs: a comparative analysis between the US and EU. <i>Environmental Research Letters</i> , 2021, 16, 054067.	2.2	15
3409	Efficiency of Northern pike (<i>Esox lucius</i>) stocking in metropolitan France at large spatial and temporal scales. <i>Fisheries Management and Ecology</i> , 2021, 28, 486-495.	1.0	4
3410	Global Freshwater Storage Capability across Time Scales in the GRACE Satellite Era. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 905-917.	1.9	5
3411	How tree species, tree size, and topographical location influenced tree transpiration in northern boreal forests during the historic 2018 drought. <i>Global Change Biology</i> , 2021, 27, 3066-3078.	4.2	22
3412	Integrating resilience with functional ecosystem measures: A novel paradigm for management decisions under multiple-stressor interplay in freshwater ecosystems. <i>Global Change Biology</i> , 2021, 27, 3699-3717.	4.2	17
3413	CaRUN ENSEMBLE: A Multi-Forcing Observation-Based Global Runoff Reanalysis. <i>Water Resources Research</i> , 2021, 57, e2020WR028787.	1.7	44
3414	Fishes of the Irrawaddy River: Diversity and conservation. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 1945-1955.	0.9	7
3415	EDTA-based adsorbents for the removal of metal ions in wastewater. <i>Coordination Chemistry Reviews</i> , 2021, 434, 213809.	9.5	80
3417	Exploring the effect of floodgates operation systems on water environmental capacity in a regulated river network of Wuxi, China. <i>Journal of Cleaner Production</i> , 2021, 299, 126743.	4.6	9
3418	Flow modification associated with reduced genetic health of a river-breeding frog, <i>Rana boylii</i> . <i>Ecosphere</i> , 2021, 12, e03496.	1.0	12
3419	Structure and spatial distribution of the rotifer assemblages along a tropical reservoir. <i>Brazilian Journal of Biology</i> , 2021, 81, 361-369.	0.4	1
3420	Exploring global interregional food system's sustainability using the functional regions typology. <i>Global Environmental Change</i> , 2021, 68, 102276.	3.6	7
3421	Considering scale within optimization procedures for water management decisions: Balancing environmental flows and human needs. <i>Environmental Modelling and Software</i> , 2021, 139, 104991.	1.9	12
3422	Climatic controls on the hydrologic effects of urban low impact development practices. <i>Environmental Research Letters</i> , 2021, 16, 064021.	2.2	9

#	ARTICLE	IF	CITATIONS
3423	Relevance of acoustic methods to quantify bedload transport and bedform dynamics in a large sandy-gravel-bed river. <i>Earth Surface Dynamics</i> , 2021, 9, 423-444.	1.0	18
3424	Species-level ichthyoplankton dynamics for 97 fishes in two major river basins of the Amazon using quantitative metabarcoding. <i>Molecular Ecology</i> , 2022, 31, 1627-1648.	2.0	17
3425	Selecting Indicators and Optimizing Decision Rules for Long-Term Water Resources Planning. <i>Water Resources Research</i> , 2021, 57, e2020WR028117.	1.7	7
3426	Human settlements in headwater catchments are associated with generalist stream food webs. <i>Hydrobiologia</i> , 2021, 848, 4017-4027.	1.0	4
3427	Decorating metal organic framework on nickel foam for efficient Cu ²⁺ removal based on adsorption and electrochemistry. <i>Environmental Technology (United Kingdom)</i> , 2022, 43, 3239-3247.	1.2	5
3428	Climbing for dummies: recommendation for multi-specific fishways for the conservation of tropical eels and gobies. <i>Animal Conservation</i> , 2021, 24, 970-981.	1.5	6
3429	Fresh waters and estuaries of the Great Barrier Reef catchment: Effects and management of anthropogenic disturbance on biodiversity, ecology and connectivity. <i>Marine Pollution Bulletin</i> , 2021, 166, 112194.	2.3	11
3430	The Use of Regression and Neural Network Modelling in Production Monitoring of an Industrial Enterprise. <i>Ecology and Industry of Russia</i> , 2021, 25, 58-64.	0.2	0
3431	Classifying ecosystem stressor interactions: Theory highlights the data limitations of the additive null model and the difficulty in revealing ecological surprises. <i>Global Change Biology</i> , 2021, 27, 3052-3065.	4.2	10
3432	Ecological perspectives on water, food, and health security linkages: the Minamata case in Japan. <i>Environmental Science and Pollution Research</i> , 2021, 28, 32177-32189.	2.7	8
3433	Separation, anti-fouling, and chlorine resistance of the polyamide reverse osmosis membrane: From mechanisms to mitigation strategies. <i>Water Research</i> , 2021, 195, 116976.	5.3	90
3434	A Multi-Objective Decision Making System (MDMS) for a Small Agricultural Watershed Based on Meta-Heuristic Optimization Coupling Simulation. <i>Water (Switzerland)</i> , 2021, 13, 1338.	1.2	3
3435	Urbanization and hydrological conditions drive the spatial and temporal variability of microplastic pollution in the Garonne River. <i>Science of the Total Environment</i> , 2021, 769, 144479.	3.9	67
3436	Environmental controls on long-term growth of freshwater mussels in an oligotrophic lake. <i>Freshwater Science</i> , 2021, 40, 316-327.	0.9	1
3437	Facile preparation of multi-porous biochar from lotus biomass for methyl orange removal: Kinetics, isotherms, and regeneration studies. <i>Bioresource Technology</i> , 2021, 329, 124877.	4.8	46
3438	Seasonal and interannual variation in lower Columbia River phytoplankton (2005-2018): environmental variability and a decline in large bloom-forming diatoms. <i>Aquatic Microbial Ecology</i> , 2021, 87, 29-46.	0.9	4
3439	Not All Rivers Are Created Equal: The Importance of Spring-Fed Rivers under a Changing Climate. <i>Water (Switzerland)</i> , 2021, 13, 1652.	1.2	12
3440	Catchment versus Riparian Buffers: Which Land Use Spatial Scales Have the Greatest Ability to Explain Water Quality Changes in a Typical Temperate Watershed?. <i>Water (Switzerland)</i> , 2021, 13, 1758.	1.2	12

#	ARTICLE	IF	CITATIONS
3441	Design and Evaluation of a Millifluidic Insulator-Based Dielectrophoresis (DEP) Retention Device to Separate Bacteria from Tap Water. <i>Water (Switzerland)</i> , 2021, 13, 1678.	1.2	6
3442	Evaluation of heavy metal contamination levels in river sediments and their risk to human health in urban areas: A case study in the Matanza-Riachuelo Basin, Argentina. <i>Environmental Research</i> , 2021, 197, 110979.	3.7	28
3443	Advances in satellite remote sensing of the wetland ecosystems in Sub-Saharan Africa. <i>Geocarto International</i> , 2022, 37, 5891-5913.	1.7	21
3444	Dissolved oxygen concentration predictions for running waters with different land use land cover using a quantile regression forest machine learning technique. <i>Journal of Hydrology</i> , 2021, 597, 126213.	2.3	37
3445	Species composition and longitudinal patterns of fish assemblages in the middle and lower Yarlung Zangbo River, Tibetan Plateau, China. <i>Ecological Indicators</i> , 2021, 125, 107542.	2.6	14
3446	Influence of the Exclusion-Enrichment Effect on Ion Transport in Two-Dimensional Molybdenum Disulfide Membranes. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 26904-26914.	4.0	7
3448	The effect of stream shading on the inflow characteristics in a downstream reservoir. <i>River Research and Applications</i> , 2021, 37, 943-954.	0.7	5
3449	The genome of the freshwater monogonont rotifer <i>Brachionus angularis</i> : Identification of phase I, II, and III detoxification genes and their roles in molecular ecotoxicology. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 38, 100821.	0.4	7
3450	Drivers, Impacts and Mitigation of Increased Sedimentation in the Hydropower Reservoirs of East Africa. <i>Land</i> , 2021, 10, 638.	1.2	17
3451	Freshwater Scarcity. <i>Annual Review of Environment and Resources</i> , 2021, 46, 319-348.	5.6	60
3452	Socio-Hydrological Approach to Explore Groundwaterâ€™Human Wellbeing Nexus: Case Study from Sundarbans, India. <i>Water (Switzerland)</i> , 2021, 13, 1635.	1.2	9
3453	Diversity of Macrophytes and Environmental Assessment of the Ljubljana River (Slovenia). <i>Diversity</i> , 2021, 13, 278.	0.7	9
3454	Planning and governing nature-based solutions in river landscapes: Concepts, cases, and insights. <i>Ambio</i> , 2021, 50, 1405-1413.	2.8	14
3455	Integrating sense of place into participatory landscape planning: merging mapping surveys and geodesign workshops. <i>Landscape Research</i> , 2021, 46, 1041-1056.	0.7	9
3456	Boosting solar steam generation in dynamically tunable polymer porous architectures. <i>Polymer</i> , 2021, 226, 123811.	1.8	13
3457	Which Is More Sensitive to Water Stress for Irrigation Scheduling during the Maturation Stage: Grapevine Photosynthesis or Berry Size?. <i>Atmosphere</i> , 2021, 12, 845.	1.0	3
3458	Impact of Urbanization on Antibiotic Resistome in Different Microplastics: Evidence from a Large-Scale Whole River Analysis. <i>Environmental Science & Technology</i> , 2021, 55, 8760-8770.	4.6	57
3459	Hydrological modelling for assessing spatio-temporal groundwater recharge variations in the water-stressed Amathole Water Supply System, Eastern Cape, South Africa. <i>Hydrological Processes</i> , 2021, 35, e14264.	1.1	11

#	ARTICLE	IF	CITATIONS
3460	Ecosystem Shifts: Implications for Groundwater Management. Environmental and Resource Economics, 2021, 79, 483-510.	1.5	9
3461	Potential influence of climate and land-use changes on green water security in a semi-arid catchment. Journal of Water and Climate Change, 2022, 13, 287-303.	1.2	8
3462	Eco-Hydrology and Hydraulics of Urban Watershedsâ€™A Resilience Approach. , 2021, , .		0
3463	A simple method to assess the fragmentation of freshwater fish meta-populations: Implications for river management and conservation. Ecological Indicators, 2021, 125, 107557.	2.6	15
3464	Roles and performance enhancement of feed spacer in spiral wound membrane modules for water treatment: A 20-year review on research evolvement. Water Research, 2021, 198, 117146.	5.3	54
3465	Flowing from East to West: A bibliometric analysis of recent advances in environmental flow science in China. Ecological Indicators, 2021, 125, 107358.	2.6	12
3466	Spatial variation in ciliate communities with respect to water quality in the Delhi NCR stretch of River Yamuna, India. European Journal of Protistology, 2021, 79, 125793.	0.5	3
3467	Rational design of oxygen evolution reaction catalysts for seawater electrolysis. Trends in Chemistry, 2021, 3, 485-498.	4.4	105
3468	Review of sewage flow measuring instruments. Ain Shams Engineering Journal, 2021, 12, 2089-2098.	3.5	10
3469	Uncertainty analysis for integrated water system simulations using GLUE with different acceptability thresholds. Science China Technological Sciences, 2021, 64, 1791-1804.	2.0	4
3470	Proper environmental DNA metabarcoding data transformation reveals temporal stability of fish communities in a dendritic river system. Environmental DNA, 2021, 3, 1007-1022.	3.1	27
3472	Population genetics and species distribution modeling highlight conservation needs of the endemic trout from the Northern Sierra Madre Occidental. Conservation Genetics, 2021, 22, 629-643.	0.8	2
3473	Winners and losers over 35 years of dragonfly and damselfly distributional change in Germany. Diversity and Distributions, 2021, 27, 1353-1366.	1.9	29
3474	Chemical removal of <i>m</i> -cresol: a critical review. Reviews in Chemical Engineering, 2022, 38, 1023-1044.	2.3	5
3475	Integrated approach for quantitative estimation of particulate organic carbon sources in a complex river system. Water Research, 2021, 199, 117194.	5.3	7
3476	Waste-to-wealth approach in water economy: The case of beneficiation of mercury-contaminated water in hydrogen production. International Journal of Hydrogen Energy, 2021, 46, 26677-26692.	3.8	9
3477	Drivers of biodiversity loss in freshwater environments: A bibliometric analysis of the recent literature. Aquatic Conservation: Marine and Freshwater Ecosystems, 2021, 31, 2469-2480.	0.9	21
3478	Beyond blue: An extended framework of blue water footprint accounting. Science of the Total Environment, 2021, 777, 146010.	3.9	14

#	ARTICLE	IF	CITATIONS
3479	Evaluation of Infiltration Models with Different Numbers of Adjustment Parameters in an Oxisol with Application of Wastewater at the Different Concentrations. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	1.1	0
3480	R2Cross: A Web-Based Decision Support Tool for Instream Flows. <i>Journal of the American Water Resources Association</i> , 2021, 57, 652-660.	1.0	3
3481	Effects of reservoir cascades on diversity, distribution, and abundance of fish assemblages in three Neotropical basins. <i>Science of the Total Environment</i> , 2021, 778, 146246.	3.9	15
3482	Electrochemical recovery and high value-added reutilization of heavy metal ions from wastewater: Recent advances and future trends. <i>Environment International</i> , 2021, 152, 106512.	4.8	81
3483	Prey type and temperature influence functional responses of threatened endemic Cape Floristic Ecoregion fishes. <i>Environmental Biology of Fishes</i> , 2021, 104, 797-810.	0.4	4
3484	Comparison of Energy Consumption of Osmotically Assisted Reverse Osmosis and Low-Salt-Rejection Reverse Osmosis for Brine Management. <i>Environmental Science & Technology</i> , 2021, 55, 10714-10723.	4.6	25
3485	Managing floodplains using nature-based solutions to support multiple ecosystem functions and services. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021, 8, e1545.	2.8	37
3486	Water quality and ecological risks in European surface waters – Monitoring improves while water quality decreases. <i>Environment International</i> , 2021, 152, 106479.	4.8	64
3487	Underlying trends confound estimates of fish population responses to river discharge. <i>Freshwater Biology</i> , 2021, 66, 1799-1812.	1.2	5
3488	Determining water requirements for Black Box (<i>Eucalyptus largiflorens</i>) floodplain woodlands of high conservation value using drip-irrigation. <i>Hydrological Processes</i> , 2021, 35, e14291.	1.1	6
3489	Automatic gap-filling of daily streamflow time series in data-scarce regions using a machine learning algorithm. <i>Journal of Hydrology</i> , 2021, 598, 126454.	2.3	33
3490	A global dataset of inland fisheries expert knowledge. <i>Scientific Data</i> , 2021, 8, 182.	2.4	3
3491	Introducing GloRiSe – a global database on river sediment composition. <i>Earth System Science Data</i> , 2021, 13, 3565-3575.	3.7	7
3492	Observability-Based Sensor Placement Improves Contaminant Tracing in River Networks. <i>Water Resources Research</i> , 2021, 57, e2020WR029551.	1.7	7
3493	Landscape features and study design affect elements of metacommunity structure for stream fishes across the eastern U.S.A.. <i>Freshwater Biology</i> , 2021, 66, 1736-1750.	1.2	3
3494	Local vegetation and hydroperiod influence spatial and temporal patterns of carbon and microbe response to wetland rehabilitation. <i>Applied Soil Ecology</i> , 2021, 163, 103917.	2.1	6
3495	Impact of anthropogenic activities on changes of ichthyofauna in the middle and lower Xiang River. <i>Aquaculture and Fisheries</i> , 2022, 7, 693-702.	1.2	10
3496	A New Device Hypothesis for Water Extraction from Air and Basic Air Condition System in Developing Countries. <i>Energies</i> , 2021, 14, 4507.	1.6	3

#	ARTICLE	IF	CITATIONS
3497	Emerging pollutants in Nigeria: A systematic review. <i>Environmental Toxicology and Pharmacology</i> , 2021, 85, 103638.	2.0	35
3498	A critical review on water quality index tool: Genesis, evolution and future directions. <i>Ecological Informatics</i> , 2021, 63, 101299.	2.3	47
3499	A global perspective on the application of riverine macroinvertebrates as biological indicators in Africa, South-Central America, Mexico and Southern Asia. <i>Ecological Indicators</i> , 2021, 126, 107609.	2.6	44
3500	A critical review of macroinvertebrate-based bioassessment approaches in Africa's lotic systems: developments, challenges, and legal requirements. <i>African Journal of Aquatic Science</i> , 0, , 1-13.	0.5	4
3501	Influence of warming temperatures on coregonine embryogenesis within and among species. <i>Hydrobiologia</i> , 2021, 848, 4363-4385.	1.0	11
3502	Content of Selenium and Other Elements, Water Quality, Health Risks and Utilization Prospect in Natural Water of Southern Qinling-Daba Mountains, Southern Shaanxi, China. <i>Exposure and Health</i> , 2022, 14, 29-47.	2.8	6
3503	Identification of hotspots of threatened inland fish species and regions for restoration based on longitudinal river connectivity. <i>Journal of Environmental Management</i> , 2021, 290, 112572.	3.8	4
3504	Modelling land system evolution and dynamics of terrestrial carbon stocks in the Luanhe River Basin, China: a scenario analysis of trade-offs and synergies between sustainable development goals. <i>Sustainability Science</i> , 2022, 17, 1323-1345.	2.5	19
3505	Water Mixing Conditions Influence Sentinel-2 Monitoring of Chlorophyll Content in Monomictic Lakes. <i>Remote Sensing</i> , 2021, 13, 2699.	1.8	5
3506	The ten steps to responsible Inland fisheries in practice: reflections from diverse regional case studies around the globe. <i>Reviews in Fish Biology and Fisheries</i> , 2021, 31, 843-877.	2.4	7
3507	Spatial Persistence of Water Chemistry Patterns Across Flow Conditions in a Mesoscale Agricultural Catchment. <i>Water Resources Research</i> , 2021, 57, e2020WR029053.	1.7	9
3508	Assessing riparian zone changes under the influence of stress factors in higher-order streams and tributaries: Implications for the management of massive dams and reservoirs. <i>Science of the Total Environment</i> , 2021, 776, 146011.	3.9	17
3509	High-performance capacitive deionization using 3D porous Ti3C2T with improved conductivity. <i>Journal of Electroanalytical Chemistry</i> , 2021, 895, 115515.	1.9	9
3510	Bio-assessment of wastewater effluent conditions with algal pollution index and multivariate approach. <i>Journal of Cleaner Production</i> , 2021, 310, 127386.	4.6	10
3511	Efficient removal of Pb(II) and Hg(II) ions from aqueous solution by amine and thiol modified activated carbon. <i>Journal of Saudi Chemical Society</i> , 2021, 25, 101296.	2.4	34
3512	A high-resolution life cycle impact assessment model for continental freshwater habitat change due to water consumption. <i>Science of the Total Environment</i> , 2021, 782, 146664.	3.9	11
3513	A New Framework for Modelling Fine Sediment Transport in Rivers Includes Flocculation to Inform Reservoir Management in Wildfire Impacted Watersheds. <i>Water (Switzerland)</i> , 2021, 13, 2319.	1.2	10
3514	The effects of herbivore aggregations at water sources on savanna plants differ across soil and climate gradients. <i>Ecological Applications</i> , 2021, 31, e02422.	1.8	8

#	ARTICLE	IF	CITATIONS
3516	Extinction risk is linked to lifestyle in freshwater gastropods. Diversity and Distributions, 2021, 27, 2357-2368.	1.9	5
3517	Prediction of water security level for achieving sustainable development objectives in Saskatchewan, Canada: Implications for resource conservation in developed economies. Journal of Cleaner Production, 2021, 311, 127521.	4.6	11
3518	Resistance, resilience, and functional redundancy of freshwater bacterioplankton communities facing a gradient of agricultural stressors in a mesocosm experiment. Molecular Ecology, 2021, 30, 4771-4788.	2.0	12
3519	Rapidly declining surface and terrestrial water resources in Central Asia driven by socio-economic and climatic changes. Science of the Total Environment, 2021, 784, 147193.	3.9	71
3520	Societal benefits of river restoration – Implications from social media analysis. Ecosystem Services, 2021, 50, 101317.	2.3	13
3521	Understanding the two-way virtual water transfer in urban agglomeration: A new perspective from spillover-feedback effects. Journal of Cleaner Production, 2021, 310, 127495.	4.6	10
3522	Widespread agrochemicals differentially affect zooplankton biomass and community structure. Ecological Applications, 2021, 31, e02423.	1.8	12
3523	Hydrogen production from human and cow urine using in situ synthesized aluminium nanoparticles. International Journal of Hydrogen Energy, 2021, 46, 27319-27329.	3.8	11
3524	Are recent protection strategies sufficient for maintaining diverse freshwater benthic diatom assemblages?. Ecological Indicators, 2021, 127, 107782.	2.6	4
3525	Comparison of characteristics, water quality and health risk assessment of trace elements in surface water and groundwater in China. Ecotoxicology and Environmental Safety, 2021, 219, 112283.	2.9	68
3526	How is water security conceptualized and practiced for rural livelihoods in the global South? A systematic scoping review. Water Policy, 2021, 23, 1129-1152.	0.7	10
3527	Does life history mediate discharge as a driver of multi-decadal changes in populations of freshwater fish?. Ecological Applications, 2021, 31, e02430.	1.8	5
3528	Fringe effects: detecting bull trout (<i>Salvelinus confluentus</i>) at distributional boundaries in a montane watershed. Canadian Journal of Fisheries and Aquatic Sciences, 2021, 78, 1030-1044.	0.7	3
3529	A METHOD OF CORRELATING GROUNDWATER LEVELS WITH PERCIPITATION. , 0, , .		0
3530	Reconstructing the Changes in Sedimentation and Source Provenance in East African Hydropower Reservoirs: A Case Study of Nyumba ya Mungu in Tanzania. Earth, 2021, 2, 485-514.	0.9	3
3531	Sustainable disposal of seawater brine by novel hybrid electro dialysis system: Fine utilization of mixed salts. Water Research, 2021, 201, 117335.	5.3	21
3532	Capacitive Removal of Fluoride Ions via Creating Multiple Capture Sites in a Modulatory Heterostructure. Environmental Science & Technology, 2021, 55, 11979-11986.	4.6	54
3533	Environmental flow sustainability in the Lower Limpopo River Basin, Mozambique. Journal of Hydrology: Regional Studies, 2021, 36, 100843.	1.0	1

#	ARTICLE	IF	CITATIONS
3534	Trophic structure in response to land use in subtropical streams. <i>Ecological Indicators</i> , 2021, 127, 107746.	2.6	5
3535	Global assessment of future sectoral water scarcity under adaptive inner-basin water allocation measures. <i>Science of the Total Environment</i> , 2021, 783, 146973.	3.9	38
3536	An overview of silver nano-particles as promising materials for water disinfection. <i>Environmental Technology and Innovation</i> , 2021, 23, 101721.	3.0	51
3537	Recent advances on ZIF-8 composites for adsorption and photocatalytic wastewater pollutant removal: Fabrication, applications and perspective. <i>Coordination Chemistry Reviews</i> , 2021, 441, 213985.	9.5	180
3538	Characterizing the river water quality in China: Recent progress and on-going challenges. <i>Water Research</i> , 2021, 201, 117309.	5.3	127
3539	Interactive effects of land use, river regulation, and climate on a key recreational fishing species in temperate and boreal streams. <i>Freshwater Biology</i> , 2021, 66, 1901-1914.	1.2	5
3540	Bayesian Network Applications for Sustainable Holistic Water Resources Management: Modeling Opportunities for South Africa. <i>Risk Analysis</i> , 2022, 42, 1346-1364.	1.5	10
3541	Groundwater quality assessment and hydrogeochemical processes in typical watersheds in Zhangjiakou region, northern China. <i>Environmental Science and Pollution Research</i> , 2022, 29, 3521-3539.	2.7	15
3542	Accelerating the pace of ecotoxicological assessment using artificial intelligence. <i>Ambio</i> , 2022, 51, 598-610.	2.8	12
3544	Chlorine-Resistant Epoxide-Based Membranes for Sustainable Water Desalination. <i>Environmental Science and Technology Letters</i> , 2021, 8, 818-824.	3.9	12
3545	Future global urban water scarcity and potential solutions. <i>Nature Communications</i> , 2021, 12, 4667.	5.8	463
3546	Land cover alteration shifts ecological assembly processes in floodplain lakes: Consequences for fish community dynamics. <i>Science of the Total Environment</i> , 2021, 782, 146724.	3.9	9
3547	On doing hydrology with dragons: Realizing the value of perceptual models and knowledge accumulation. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021, 8, e1550.	2.8	26
3548	Facile synthesis of highly active Ti/Sb-SnO ₂ electrode by sol-gel spinning technique for landfill leachate treatment. <i>Water Science and Technology</i> , 2021, 84, 1366-1378.	1.2	4
3549	Multiple-Facet Diversity Patterns of Aquatic Vegetation in Lakes along a Trophic Gradient. <i>Water (Switzerland)</i> , 2021, 13, 2281.	1.2	1
3550	Removal of multiple metal ions from wastewater by a multifunctional metal-organic-framework based trap. <i>Water Science and Technology</i> , 2021, 84, 1594-1607.	1.2	7
3551	Optimizing Fog Harps. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 38826-38834.	4.0	21
3552	Exfoliated Bi ₂ Te ₃ -enabled membranes for new concept water desalination: Freshwater production meets new routes. <i>Water Research</i> , 2021, 203, 117503.	5.3	8

#	ARTICLE	IF	CITATIONS
3553	Diatom and Macroinvertebrate assemblages to inform management of Brazilian savanna's watersheds. Ecological Indicators, 2021, 128, 107834.	2.6	6
3554	Fine-scale distribution and occupancy modelling of the threatened pugnose shiner (Notropis Tj ETQq1 1 0.784314 rgBT /Overlock 10 Sciences, 2021, 78, 1293-1304.	0.7	3
3555	Better Basin Management with Stakeholder Participation. , 2021, , 260-270.		1
3556	The Nile River Basin. , 2021, , 79-93.		1
3557	Intelligent Water Transfers. , 2021, , 246-259.		0
3558	Reservoirs. , 2021, , 31-45.		0
3559	Depletion of Groundwater. , 2021, , 46-56.		0
3560	Declining Environmental Flows. , 2021, , 66-76.		0
3562	Efficiency Enhancement of Electro-Adsorption Desalination Using Iron Oxide Nanoparticle-Incorporated Activated Carbon Nanocomposite. Micromachines, 2021, 12, 1148.	1.4	3
3563	Enhanced selective removal of lead ions using a functionalized PAMAM@UiO-66-NH2 nanocomposite: Experiment and mechanism. Microporous and Mesoporous Materials, 2021, 328, 111433.	2.2	19
3564	ÁREAS PERMEÁVEIS E O USO SUSTENTÁVEL DE RECURSOS HÍDRICOS EM CASCAVEL, PARANÁ, BRASIL.. International Journal of Environmental Resilience Research and Science, 2021, 3, .	0.1	0
3565	Combatting global grassland degradation. Nature Reviews Earth & Environment, 2021, 2, 720-735.	12.2	377
3566	Combining expert-based and computational approaches to design protected river networks under climate change. Diversity and Distributions, 2021, 27, 2428-2440.	1.9	4
3567	Strategy for Realizing Regional Rural Water Security on Tropical Peatland. Water (Switzerland), 2021, 13, 2455.	1.2	3
3568	Nanoarchitectonics of Metal-Organic Frameworks for Capacitive Deionization via Controlled Pyrolyzed Approaches. Small, 2022, 18, e2102477.	5.2	35
3569	Trade-offs between water needs for food, utilities, and the environment: a nexus quantification at different scales. Environmental Research Letters, 2021, 16, 115003.	2.2	5
3570	The Murray Darling River Basin. , 2021, , 121-131.		0
3571	Tropical cyclone-induced water and suspended sediment discharge delivered by mountainous rivers into the Beibu Gulf, South China. Geomorphology, 2021, 389, 107844.	1.1	8

#	ARTICLE	IF	CITATIONS
3572	The critical role of natural history museums in advancing eDNA for biodiversity studies: a case study with Amazonian fishes. <i>Scientific Reports</i> , 2021, 11, 18159.	1.6	13
3573	Quantitative conservation geography. <i>Trends in Ecology and Evolution</i> , 2022, 37, 42-52.	4.2	9
3574	Urmia lake water depth modeling using extreme learning machine-improved grey wolf optimizer hybrid algorithm. <i>Theoretical and Applied Climatology</i> , 2021, 146, 833-849.	1.3	13
3575	Effects of dam construction and fish invasion on the species, functional and phylogenetic diversity of fish assemblages in the Yellow River Basin. <i>Journal of Environmental Management</i> , 2021, 293, 112863.	3.8	19
3576	Take time to look at the fish: Behavioral response to acute thermal challenge in two Amazonian cichlids. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2021, 335, 735-744.	0.9	5
3577	The Colorado River Basin. , 2021, , 164-180.		1
3579	Synthesis, characterization, and visible light photocatalytic activity of solution-processed free-standing 2D Bi ₂ O ₂ Se nanosheets. <i>Nanotechnology</i> , 2021, 32, 485602.	1.3	16
3580	Measurement of consumer awareness of food waste: construct development with a confirmatory factor analysis. <i>British Food Journal</i> , 2021, 123, 337-361.	1.6	36
3581	Phytoplankton and cyanobacteria abundances in mid-21st century lakes depend strongly on future land use and climate projections. <i>Global Change Biology</i> , 2021, 27, 6409-6422.	4.2	27
3582	Assessing fish community response to water quality and habitat stressors in KwaZulu-Natal, South Africa. <i>African Journal of Aquatic Science</i> , 0, , 1-19.	0.5	5
3583	Adapting Water Management to Climate Change in the Murray-Darling Basin, Australia. <i>Water (Switzerland)</i> , 2021, 13, 2504.	1.2	28
3584	Environmental management of waters and riparian areas to protect biodiversity through River Contracts: The experience of Tiber River (Rome, Italy). <i>River Research and Applications</i> , 2021, 37, 1510-1519.	0.7	4
3585	Boat-electrofishing transect location and flow levels: influence on riverine fish monitoring in non-wadeable habitats. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 680.	1.3	2
3586	A landscape-scale framework to identify refugia from multiple stressors. <i>Conservation Biology</i> , 2022, 36, .	2.4	12
3587	Agricultural impacts drive longitudinal variations of riverine water quality of the Aral Sea basin (Amu Darya and Syr Darya Rivers), Central Asia. <i>Environmental Pollution</i> , 2021, 284, 117405.	3.7	31
3588	How can we govern large-scale green infrastructure for multiple water security benefits?. <i>Blue-Green Systems</i> , 2021, 3, 62-80.	0.6	4
3589	Superior removal of methylene blue using green fabricated pomegranate peel/nano-hematite composite: reusability, isotherm and kinetics study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 12413-12425.	2.0	2
3590	Spatiotemporal variability in stable isotopes of the Ganga River and factors affecting their distributions. <i>Catena</i> , 2021, 204, 105360.	2.2	6

#	ARTICLE	IF	CITATIONS
3591	Endangered Food Security. , 2021, , 57-65.		0
3592	The Euphratesâ€™Tigris River Basin. , 2021, , 94-106.		2
3593	The Yellow River Basin. , 2021, , 107-120.		1
3594	Impact of wastewater on the microbial diversity of periphyton and its tolerance to micropollutants in an engineered flow-through channel system. <i>Water Research</i> , 2021, 203, 117486.	5.3	31
3595	Direct generation of an ultrathin (8.5Ånm) polyamide film with ultrahigh water permeance via in-situ interfacial polymerization on commercial substrate membrane. <i>Journal of Membrane Science</i> , 2021, 634, 119450.	4.1	46
3596	Benthic Macroinvertebrates as Ecological Indicators: Their Sensitivity to the Water Quality and Human Disturbances in a Tropical River. <i>Frontiers in Water</i> , 2021, 3, .	1.0	34
3597	Research networks should improve connectivity for halting freshwater insect extinctions. <i>Ecological Entomology</i> , 2022, 47, 63-75.	1.1	4
3598	Forest-Associated Fishes of the Conterminous United States. <i>Water (Switzerland)</i> , 2021, 13, 2528.	1.2	0
3599	Global Climate Change and the Rivers. , 2021, , 13-30.		0
3600	The Jucar River Basin. , 2021, , 220-232.		1
3603	The Rio Grande / R�o Bravo Basin. , 2021, , 181-219.		0
3604	The Limar�-River Basin. , 2021, , 152-163.		0
3605	The S�o Francisco River Basin. , 2021, , 132-151.		0
3606	Efficacy of machine learning techniques in predicting groundwater fluctuations in agro-ecological zones of India. <i>Science of the Total Environment</i> , 2021, 785, 147319.	3.9	34
3608	A green-gray path to global water security and sustainable infrastructure. <i>Global Environmental Change</i> , 2021, 70, 102344.	3.6	26
3609	Defining a disturbance gradient in a Middle-Eastern River Basin. <i>Limnologica</i> , 2021, 91, 125923.	0.7	8
3610	Assessing water security across scales: A case study of the United States. <i>Applied Geography</i> , 2021, 134, 102500.	1.7	12
3611	Pesticides in US Rivers: Regional differences in use, occurrence, and environmental toxicity, 2013 to 2017. <i>Science of the Total Environment</i> , 2021, 787, 147147.	3.9	31

#	ARTICLE	IF	CITATIONS
3612	River Basin Management and Irrigation. , 2021, , 235-245.		0
3613	Identifying and characterizing pesticide use on 9,000 fields of organic agriculture. Nature Communications, 2021, 12, 5461.	5.8	18
3614	Impacts of water resources management on land water storage in the North China Plain: Insights from multi-mission earth observations. Journal of Hydrology, 2021, 603, 126933.	2.3	17
3615	Detecting changes in water level caused by climate, land cover and dam construction in interconnected river-lake systems. Science of the Total Environment, 2021, 788, 147692.	3.9	21
3616	Connectivity of fish communities in a tropical floodplain river system and predicted impacts of potential new dams. Science of the Total Environment, 2021, 788, 147785.	3.9	19
3617	Water Conservation: An Innovative Approach towards Minimization of Blow-Down for Recirculating Cooling Water System. Journal of the Institution of Engineers (India): Series C, 0, , 1.	0.7	0
3618	A Digital Twin Architecture to Optimize Productivity within Controlled Environment Agriculture. Applied Sciences (Switzerland), 2021, 11, 8875.	1.3	37
3619	Evidence of shape variation in wild Tor Mahseer (<i>Tor tor</i>) from Indian Rivers. River Research and Applications, 2021, 37, 1424-1436.	0.7	4
3620	Dynamic simulation and life cycle cost analysis of a MSF desalination system driven by solar parabolic trough collectors using TRNSYS software: A comparative study in different world regions. Energy Conversion and Management, 2021, 243, 114412.	4.4	40
3621	Environmentally relevant fungicide levels modify fungal community composition and interactions but not functioning. Environmental Pollution, 2021, 285, 117234.	3.7	17
3622	Comparison of regression-based and machine learning techniques to explain alpha diversity of fish communities in streams of central and eastern India. Ecological Indicators, 2021, 129, 107922.	2.6	4
3623	Responses of different facets of aquatic plant diversity along environmental gradients in Mediterranean streams: Results from rivers of Greece. Journal of Environmental Management, 2021, 296, 113307.	3.8	11
3624	The Okavango Delta's waterbirds – Trends and threatening processes. Global Ecology and Conservation, 2021, 30, e01763.	1.0	3
3625	Ecological Indicators for Surface Water Quality - Methodological Approaches to Fish Community Assessments in China and Germany. Terrestrial Environmental Sciences, 2022, , 47-67.	0.5	0
3626	Percepção de agricultores (as) sobre práticas de conservação de solo e água implantados com apoio de órgãos públicos. Elo, 0, 10, .	0.1	0
3627	Conjunctive Operation of Interbasin Transferred Water and Local Water in a Multisource Diversion-Supply-Allocation System. Journal of Water Resources Planning and Management - ASCE, 2021, 147, 05021018.	1.3	5
3628	Bridging mechanistic conceptual models and statistical species distribution models of riverine fish. Ecological Modelling, 2021, 457, 109680.	1.2	2
3629	Glyphosate-degrading behavior of five bacterial strains isolated from stream biofilms. Journal of Hazardous Materials, 2021, 420, 126651.	6.5	35

#	ARTICLE	IF	CITATIONS
3630	A novel multi-objective model calibration method for ecohydrological applications. <i>Environmental Modelling and Software</i> , 2021, 144, 105161.	1.9	8
3631	Spatiotemporal assessment of water security in China: An integrated supply-demand coupling model. <i>Journal of Cleaner Production</i> , 2021, 321, 128955.	4.6	18
3632	Time marches on, but do the causal pathways driving instream habitat and biology remain consistent?. <i>Science of the Total Environment</i> , 2021, 789, 147985.	3.9	5
3633	Viewpoint: The measurement of water access and use is key for more effective food and nutrition policy. <i>Food Policy</i> , 2021, 104, 102138.	2.8	24
3634	A projects portfolio selection for water security addressing future increasing water demand and salinity intrusion in Zhuhai City, coastal China. <i>Journal of Contaminant Hydrology</i> , 2021, 242, 103846.	1.6	2
3635	Engineering of Ag-nanoparticle-encapsulated intermediate layer by tannic acid-inspired chemistry towards thin film nanocomposite membranes of superior antibiofouling property. <i>Journal of Membrane Science</i> , 2022, 641, 119922.	4.1	21
3636	Modeling water quantity and quality for a typical agricultural plain basin of northern China by a coupled model. <i>Science of the Total Environment</i> , 2021, 790, 148139.	3.9	22
3637	Synergistic DFT-guided design and microfluidic synthesis of high-performance ion-imprinted biosorbents for selective heavy metal removal. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 626, 127030.	2.3	13
3638	Understanding the spatiotemporal pollution dynamics of highly fragile montane watersheds of Kashmir Himalaya, India. <i>Environmental Pollution</i> , 2021, 286, 117335.	3.7	23
3639	Bismuth titanate based photocatalysts for degradation of persistent organic compounds in wastewater: A comprehensive review on synthesis methods, performance as photocatalyst and challenges. <i>Journal of Cleaner Production</i> , 2021, 318, 128563.	4.6	55
3640	Spatiotemporal analysis of water resources system vulnerability in the Lancang River Basin, China. <i>Journal of Hydrology</i> , 2021, 601, 126614.	2.3	17
3641	Spatial differentiation and driving mechanism of rural water security in typical "engineering water depletion" of karst mountainous area—a lesson of Guizhou, China. <i>Science of the Total Environment</i> , 2021, 793, 148387.	3.9	16
3642	Influence of river regulation and instream habitat on invertebrate assemblage™ structure and function. <i>Science of the Total Environment</i> , 2021, 794, 148696.	3.9	12
3643	Impacts of environmental factors on the food web structure, energy flows, and system attributes along a subtropical urban river in southern China. <i>Science of the Total Environment</i> , 2021, 794, 148673.	3.9	7
3644	Sustainability Analysis of an Urban Basin in Central Brazil. <i>Journal of Environmental Engineering, ASCE</i> , 2021, 147, .	0.7	2
3645	Evaluation of horizontally and vertically aligned bar racks for guiding downstream moving juvenile chub (<i>Squalius cephalus</i>) and barbel (<i>Barbus barbus</i>). <i>Ecological Engineering</i> , 2021, 170, 106327.	1.6	6
3646	Priority effects of stream eutrophication and assembly history on beta diversity across aquatic consumers, decomposers and producers. <i>Science of the Total Environment</i> , 2021, 797, 149106.	3.9	8
3647	Ultralow Ti3C2TX doping polysulfate membrane for high ultrafiltration performance. <i>Journal of Membrane Science</i> , 2021, 637, 119603.	4.1	15

#	ARTICLE	IF	CITATIONS
3648	Determining water allocation scheme to attain nutrient management objective for a large lake receiving irrigation discharge. <i>Journal of Hydrology</i> , 2021, 603, 126900.	2.3	8
3649	Homebuyers's heterogeneous preferences for urban green-blue spaces: A spatial multilevel autoregressive analysis. <i>Landscape and Urban Planning</i> , 2021, 216, 104250.	3.4	11
3650	Omniphobic membrane with nest-like re-entrant structure via electro spraying strategy for robust membrane distillation. <i>Journal of Membrane Science</i> , 2021, 640, 119824.	4.1	18
3651	Impacts of climate change-related flood events in the Yangtze River Basin based on multi-source data. <i>Atmospheric Research</i> , 2021, 263, 105819.	1.8	21
3652	The coupled socio-ecohydrological evolution of river systems: Towards an integrative perspective of river systems in the 21st century. <i>Science of the Total Environment</i> , 2021, 801, 149619.	3.9	17
3653	Electroless Ni-P plating to fabricate nickel alloy coated polypropylene membrane with enhanced performance. <i>Journal of Membrane Science</i> , 2021, 640, 119820.	4.1	72
3654	Sensitivity and specificity of macroinvertebrate responses to gradients of multiple agricultural stressors. <i>Environmental Pollution</i> , 2021, 291, 118092.	3.7	9
3655	Measuring the economic value of urban river restoration. <i>Ecological Economics</i> , 2021, 190, 107186.	2.9	8
3656	Hydroclimatic variability and riparian wetland restoration control the hydrology and nutrient fluxes in a lowland agricultural catchment. <i>Journal of Hydrology</i> , 2021, 603, 126904.	2.3	11
3657	Optimal allocation of best management practices based on receiving water capacity constraints. <i>Agricultural Water Management</i> , 2021, 258, 107179.	2.4	7
3658	Quantifying flow-ecology relationships across flow regime class and ecoregions in South Carolina. <i>Science of the Total Environment</i> , 2022, 802, 149721.	3.9	18
3659	Enhanced Cr(VI) reduction on natural chalcopyrite mineral modulated by degradation intermediates of RhB. <i>Journal of Hazardous Materials</i> , 2022, 423, 127206.	6.5	34
3660	Multiple fouling dynamics, interactions and synergistic effects in brackish surface water distribution systems. <i>Chemosphere</i> , 2022, 287, 132268.	4.2	4
3661	Using a DNA barcoding approach to facilitate biosecurity: Identifying invasive alien macrophytes traded within the South African aquarium and pond plant industry. <i>South African Journal of Botany</i> , 2022, 144, 364-376.	1.2	3
3662	Current and future threats to human health in the Anthropocene. <i>Environment International</i> , 2022, 158, 106892.	4.8	45
3663	Assessment of heavy metal accumulation in freshwater fish of Dongting Lake, China: Effects of feeding habits, habitat preferences and body size. <i>Journal of Environmental Sciences</i> , 2022, 112, 355-365.	3.2	51
3664	Spatiotemporal variability of multifractal properties of finer resolution daily gridded rainfall fields over India. <i>Natural Hazards</i> , 2021, 106, 1951-1979.	1.6	9
3665	Environmental flows stimulate the upstream movement of juvenile diadromous fishes. <i>Marine and Freshwater Research</i> , 2021, , .	0.7	3

#	ARTICLE	IF	CITATIONS
3666	Freshwater conservation planning in the far north of Ontario, Canada: identifying priority watersheds for the conservation of fish biodiversity in an intact boreal landscape. <i>Facets</i> , 2021, 6, 90-117.	1.1	4
3667	Water: a Unique Phenomenon and Resource. , 2021, , 9-40.		1
3668	Nanofibrous spherical cage mimicking a ball of pearl necklaces for super capture of heavy metal ions. <i>Journal of Materials Chemistry A</i> , 2021, 9, 17281-17291.	5.2	8
3669	Assessing limitation factors and thresholds for macroinvertebrate communities in response to land use gradients. <i>E3S Web of Conferences</i> , 2021, 259, 01007.	0.2	2
3670	Interaction between dual spherical particles during settling in fluid. <i>Physics of Fluids</i> , 2021, 33, .	1.6	13
3671	Drivers, Pressures and Stressors: The Societal Framework of Water Resources Management. , 2021, , 329-364.		0
3672	Assessment of Land Ecological Security and Analysis of Influencing Factors in Chaohu Lake Basin, China from 1998â€“2018. <i>Sustainability</i> , 2021, 13, 358.	1.6	18
3673	An Economic Perspective on Water Security. <i>Review of Environmental Economics and Policy</i> , 2021, 15, 45-66.	3.1	8
3675	Temporal distribution modelling reveals upstream habitat drying and downstream nonâ€“native introgression are squeezing out an imperiled headwater fish. <i>Diversity and Distributions</i> , 2021, 27, 533-551.	1.9	3
3676	Legible rivers, resilient rivers: Lessons for climate adaptation policy from the Wild and Scenic Rivers Act. , 2021, , 149-176.		5
3677	Socio-hydrologic modeling to understand and mediate the competition for water between agriculture development and environmental health: Murrumbidgee River basin, Australia. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 4239-4259.	1.9	6
3682	Successful mechanical eradication of spotted bass (<i>Micropterus punctulatus</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overloc</i> <i>Ecosystems</i> , 2019, 29, 303-311.	0.9	12
3683	The influence of nutrient enrichment on riverine food web function and stability. <i>Ecology and Evolution</i> , 2021, 11, 942-954.	0.8	10
3686	Revisiting global trends in freshwater insect biodiversity. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021, 8, e1506.	2.8	34
3687	Agricultural Pollution: An Emerging Issue. , 2014, , 347-387.		15
3688	What Does It Mean to Find the Voice of the River?. , 2020, , 1-28.		1
3689	Remote Detection of Invasive Alien Species. , 2020, , 267-307.		17
3690	Status of Otters in Nepal: A Link with Ancient Waterways and People. , 2020, , 409-418.		3

#	ARTICLE	IF	CITATIONS
3691	Water Diversion Projects in China. , 2014, , 213-232.		1
3692	Tackling the "How" Question: Enabling and Enacting Practical Action for Managing the Wicked Problem of Nonpoint Source Pollution in Catchments. , 2014, , 289-302.		3
3696	Impacts and Implications of Deep Fisheries Reforms on the Governability of Small-Scale Fisheries in Tonle Sap Lake, Cambodia. MARE Publication Series, 2015, , 539-557.	0.2	5
3697	A Global View on Future Major Water Engineering Projects. Water Resources Development and Management, 2016, , 47-64.	0.3	6
3698	From Understanding to Transforming. Water Governance - Concepts, Methods, and Practice, 2015, , 273-284.	0.1	2
3699	Shaping Human-Environment Interactions. Water Governance - Concepts, Methods, and Practice, 2015, , 125-158.	0.1	1
3700	Observations of Inland Water Biodiversity: Progress, Needs and Priorities. , 2017, , 165-186.		20
3701	Global Monitoring of Inland Water Dynamics: State-of-the-Art, Challenges, and Opportunities. Studies in Computational Intelligence, 2016, , 121-147.	0.7	38
3702	Modeling Groundwater Depletion at Regional and Global Scales: Present State and Future Prospects. Space Sciences Series of ISSI, 2016, , 229-261.	0.0	1
3703	Woody Plant Encroachment: Causes and Consequences. Springer Series on Environmental Management, 2017, , 25-84.	0.3	266
3704	Climate Change and Water Science Policy in Management. , 2017, , 3-19.		3
3705	Environments. , 2017, , 21-51.		2
3706	Adaptive Management of Riverine Socio-ecological Systems. , 2018, , 301-324.		4
3707	River Connectivity, Habitat Fragmentation and Related Restoration Measures. , 2018, , 171-186.		12
3708	Applicability of the German Hydromorphological Assessment Approach to Tropical Rivers. Springer Series on Environmental Management, 2019, , 173-189.	0.3	2
3709	Benthic Macroinvertebrates as Indicators for River Health in Changjiang Basin. Terrestrial Environmental Sciences, 2019, , 207-217.	0.5	2
3710	Indicators for Assessing Threats to Freshwater Biodiversity from Humans and Human-Shaped Landscapes. Ecological Studies, 2011, , 103-124.	0.4	4
3711	River Systems and River Science in India: Major Drivers and Challenges. Society of Earth Scientists Series, 2013, , 67-90.	0.2	6

#	ARTICLE	IF	CITATIONS
3712	Electrospun Nanofibers: Solving Global Issues. <i>Nanostructure Science and Technology</i> , 2014, , 3-38.	0.1	12
3713	Integrated Approach to the Evaluation of Chemical Dynamics and Anthropogenic Pollution Sources in the Sava River Basin. <i>Handbook of Environmental Chemistry</i> , 2015, , 75-94.	0.2	5
3714	Rivers and Global Change. , 2014, , 263-272.		2
3715	Major River Basins of the World. , 2016, , 1-16.		3
3716	Improving Understanding of the Global Hydrologic Cycle. , 2013, , 151-184.		14
3718	Discussion of Water Footprint in Industrial Applications. , 2013, , 363-370.		1
3719	A Comparative Analysis of Water Governance, Water Management, and Environmental Performance in River Basins. , 2016, 30, 2161.		1
3720	Environmental Flows: History of Assessment Methods, Ecosystem Frameworks and Global Uptake. , 2022, , 1277-1295.		2
3721	One Health. , 2014, , 364-377.		4
3722	Seasonal variations in soil microbial communities under different land restoration types in a subtropical mountains region, Southwest China. <i>Applied Soil Ecology</i> , 2020, 153, 103634.	2.1	28
3723	DNA metabarcoding of stream invertebrates reveals spatio-temporal variation but consistent status class assessments in a natural and urban river. <i>Ecological Indicators</i> , 2020, 115, 106383.	2.6	23
3724	Resolving the twin human and environmental health hazards of a plant-based diet. <i>Environment International</i> , 2020, 144, 106081.	4.8	25
3725	Can proteomics contribute to biomonitoring of aquatic pollution? A critical review. <i>Environmental Pollution</i> , 2020, 267, 115473.	3.7	27
3726	A macrophyte bioassessment approach linking taxon-specific tolerance and abundance in north temperate lakes. <i>Journal of Environmental Management</i> , 2017, 199, 172-180.	3.8	8
3727	Seasonal variation in benthic macroinvertebrate assemblages and water quality in an Afrotropical river catchment, northeastern Tanzania. <i>Limnologia</i> , 2020, 82, 125780.	0.7	10
3728	Plant-mediated synthesis of dual-functional Eggshell/Ag nanocomposites towards catalysis and antibacterial applications. <i>Materials Science and Engineering C</i> , 2020, 113, 111015.	3.8	26
3729	Direct and indirect effects of multiple stressors on stream invertebrates across watershed, reach and site scales: A structural equation modelling better informing on hydromorphological impacts. <i>Science of the Total Environment</i> , 2018, 612, 660-671.	3.9	70
3730	Spatiotemporal supply-demand characteristics and economic benefits of crop water footprint in the semi-arid region. <i>Science of the Total Environment</i> , 2020, 738, 139502.	3.9	24

#	ARTICLE	IF	CITATIONS
3731	Phosphate sequestration by magnetic La-impregnated bentonite granules: A combined experimental and DFT study. <i>Science of the Total Environment</i> , 2020, 738, 139636.	3.9	32
3734	Water, biodiversity and ecosystems: reducing our impact. , 2011, , 117-130.		3
3736	Synthesis and Characterization of Magnetic Superadsorbent Fe ₃ O ₄ -PEG-Mg-Al-LDH Nanocomposites for Ultrahigh Removal of Organic Dyes. <i>ACS Omega</i> , 2020, 5, 3181-3193.	1.6	29
3737	Balancing water supply and wildlife. <i>Nature</i> , 0, , .	13.7	8
3738	Impact of anthropogenic transformations on the vegetation of selected abiotic types of rivers in two ecoregions (Southern Poland). <i>Knowledge and Management of Aquatic Ecosystems</i> , 2020, , 35.	0.5	10
3739	Factors controlling primary productivity in a wet-dry tropical river. <i>Marine and Freshwater Research</i> , 2013, 64, 585.	0.7	18
3740	Customary and recreational fishing pressure: large-bodied fish assemblages in a tropical, intermittent Australian river. <i>Marine and Freshwater Research</i> , 2014, 65, 466.	0.7	8
3741	Determining barotrauma in the Pictus catfish, <i>Pimelodus pictus</i> , experimentally exposed to simulated hydropower turbine passage. <i>Marine and Freshwater Research</i> , 2018, 69, 1913.	0.7	8
3742	Hydrology and water temperature influence recruitment dynamics of the threatened silver perch <i>Bidyanus bidyanus</i> in a regulated lowland river. <i>Marine and Freshwater Research</i> , 2019, 70, 1333.	0.7	17
3743	Identifying multiple factors limiting long-term success in environmental watering. <i>Marine and Freshwater Research</i> , 2020, 71, 238.	0.7	7
3744	Climate Change in Oceania – A synthesis of biodiversity impacts and adaptations.. <i>Pacific Conservation Biology</i> , 2011, 17, 270.	0.5	30
3745	Impacts of current and future large dams on the geographic range connectivity of freshwater fish worldwide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3648-3655.	3.3	227
3746	Twenty-five years of progress in physical geography: a personal view of its antecedents and trajectory. <i>Geography</i> , 2018, 103, 122-136.	0.2	3
3747	Freeing land from biofuel production through microalgal cultivation in the Neotropical region. <i>Environmental Research Letters</i> , 2020, 15, 094094.	2.2	18
3748	Protecting rivers by integrating supply-wastewater infrastructure planning and coordinating operational decisions. <i>Environmental Research Letters</i> , 2020, 15, 114025.	2.2	13
3749	Ecological status of river networks: stream order-dependent impacts of agricultural and urban pressures across ecoregions. <i>Environmental Research Letters</i> , 2020, 15, 1040b3.	2.2	12
3750	Changes to anthropogenic pressures on reach-scale rivers in South and Southeast Asia from 1990 to 2014. <i>Environmental Research Letters</i> , 2021, 16, 014025.	2.2	6
3769	Effect of source habitat spatial heterogeneity and species diversity on the temporal stability of aquatic-terrestrial subsidy by emerging aquatic insects. <i>Ecological Research</i> , 2020, 35, 474-481.	0.7	4

#	ARTICLE	IF	CITATIONS
3770	Uncovering patterns of freshwater positive interactions using meta-analysis: Identifying the roles of common participants, invasive species and environmental context. <i>Ecology Letters</i> , 2021, 24, 594-607.	3.0	21
3771	Whole-landscape modelling of compositional turnover in aquatic invertebrates informs conservation gap analysis: An example from south-western Australia. <i>Freshwater Biology</i> , 2017, 62, 1359-1376.	1.2	11
3772	Drying in newly intermittent rivers leads to higher variability of invertebrate communities. <i>Freshwater Biology</i> , 2021, 66, 730-744.	1.2	30
3773	Continental impacts of water development on waterbirds, contrasting two Australian river basins: Global implications for sustainable water use. <i>Global Change Biology</i> , 2017, 23, 4958-4969.	4.2	59
3774	Low-cost electronic sensors for environmental research: Pitfalls and opportunities. <i>Progress in Physical Geography</i> , 2021, 45, 305-338.	1.4	31
3775	Remote Sensing and Modeling of Global Evapotranspiration. , 2012, , 443-480.		1
3777	Conservation Genetics of a Critically Endangered Limpet Genus and Rediscovery of an Extinct Species. <i>PLoS ONE</i> , 2011, 6, e20496.	1.1	12
3778	Where Are All the Fish: Potential of Biogeographical Maps to Project Current and Future Distribution Patterns of Freshwater Species. <i>PLoS ONE</i> , 2012, 7, e40530.	1.1	42
3779	Selecting Reliable and Robust Freshwater Macroalgae for Biomass Applications. <i>PLoS ONE</i> , 2013, 8, e64168.	1.1	76
3780	Productivity, Disturbance and Ecosystem Size Have No Influence on Food Chain Length in Seasonally Connected Rivers. <i>PLoS ONE</i> , 2013, 8, e66240.	1.1	44
3781	River Ecosystem Response to Prescribed Vegetation Burning on Blanket peatland. <i>PLoS ONE</i> , 2013, 8, e81023.	1.1	26
3782	Continental-Scale Assessment of Risk to the Australian Odonata from Climate Change. <i>PLoS ONE</i> , 2014, 9, e88958.	1.1	42
3783	Coupled Effects of Natural and Anthropogenic Controls on Seasonal and Spatial Variations of River Water Quality during Baseflow in a Coastal Watershed of Southeast China. <i>PLoS ONE</i> , 2014, 9, e91528.	1.1	59
3784	Taxonomic and Numerical Resolutions of Nepomorpha (Insecta: Heteroptera) in Cerrado Streams. <i>PLoS ONE</i> , 2014, 9, e103623.	1.1	23
3785	Schooling Increases Risk Exposure for Fish Navigating Past Artificial Barriers. <i>PLoS ONE</i> , 2014, 9, e108220.	1.1	8
3786	Diversity and Distribution of Freshwater Amphipod Species in Switzerland (Crustacea: Amphipoda). <i>PLoS ONE</i> , 2014, 9, e110328.	1.1	49
3787	Microbial Stimulation and Succession following a Test Well Injection Simulating CO ₂ , Leakage into a Shallow Newark Basin Aquifer. <i>PLoS ONE</i> , 2015, 10, e0117812.	1.1	17
3788	Large Scale Relationship between Aquatic Insect Traits and Climate. <i>PLoS ONE</i> , 2015, 10, e0130025.	1.1	20

#	ARTICLE	IF	CITATIONS
3789	Evidence of Water Quality Degradation in Lower Mekong Basin Revealed by Self-Organizing Map. PLoS ONE, 2016, 11, e0145527.	1.1	84
3790	The Effect of Reduced Water Availability in the Great Ruaha River on the Vulnerable Common Hippopotamus in the Ruaha National Park, Tanzania. PLoS ONE, 2016, 11, e0157145.	1.1	18
3791	Using local ecological knowledge to monitor threatened Mekong megafauna in Lao PDR. PLoS ONE, 2017, 12, e0183247.	1.1	23
3792	Getting the full picture: Assessing the complementarity of citizen science and agency monitoring data. PLoS ONE, 2017, 12, e0188507.	1.1	60
3793	El zooplancton de los grandes r�os sudamericanos con planicie de inundaci�n. Fabricib, 0, 18, 166-194.	0.0	7
3794	People and water: Exploring the social-ecological condition of watersheds of the United States. Elementa, 2017, 5, 1-12.	1.1	46
3795	Meeting the challenge of interacting threats in freshwater ecosystems: A call to scientists and managers. Elementa, 2017, 5, .	1.1	75
3796	Suitability of common models to estimate hydrology and diffuse water pollution in North-eastern German lowland catchments with intensive agricultural land use. Frontiers of Agricultural Science and Engineering, 2018, .	0.9	6
3797	Urban streams in Latin America: Current conditions and research needs. Revista De Biologia Tropical, 2020, 68, S13-S28.	0.1	13
3798	Long-Term Correlations in S�o Francisco River Flow: The Influence of Sobradinho Dam. Revista Brasileira De Meteorologia, 2019, 34, 293-300.	0.2	3
3799	Gar�as Reservoir trophic state dynamics: a 20-year synthesis. Hoehnea (revista), 0, 47, .	0.2	5
3800	Experimental seed germination for ex situ conservation of Mexican Podostemaceae. Botanical Sciences, 2019, 97, 413-422.	0.3	5
3802	Fisheries practices and fish diversity in Muda and Beris Lakes: a preliminary survey study. Geografia: Malaysian Journal of Society and Space, 2020, 16, .	0.1	1
3803	Spatial-temporal characteristics of carbon, nitrogen and phosphorus and eutrophication assessment in a typical river of Three Gorges Reservoir under the development of field towns. Hupo Kexue/Journal of Lake Sciences, 2020, 32, 111-123.	0.3	3
3804	Modernising Water: Articulating Custom in Water Governance in Australia and East Timor. International Indigenous Policy Journal, 2012, 3, .	0.3	10
3805	Landscape models to support sustainable intensification of agroecological systems. Burleigh Dodds Series in Agricultural Science, 2019, , 321-354.	0.1	1
3806	Water and Agriculture in a Changing Climate. Hortscience: A Publication of the American Society for Horticultural Science, 2011, 46, 155-157.	0.5	12
3807	The Illiquidity of Water Markets: Efficient Institutions for Water Allocation in Southeastern Spain. SSRN Electronic Journal, 0, , .	0.4	4

#	ARTICLE	IF	CITATIONS
3808	Assessing impacts of future climate change on hydrological processes in an urbanizing watershed with a multimodel approach. <i>Journal of Water and Climate Change</i> , 2021, 12, 1023-1042.	1.2	4
3810	Principal Threats to the Conservation of Running Water Habitats in the Continental Biogeographical Region of Central Europe. <i>Journal of Landscape Ecology</i> (Czech Republic), 2020, 13, 32-61.	0.2	1
3812	Surface Water and Groundwater Quality in South Africa and Mozambique – Analysis of the Most Critical Pollutants for Drinking Purposes and Challenges in Water Treatment Selection. <i>Water</i> (Switzerland), 2020, 12, 305.	1.2	37
3813	Estimating fish alpha- and beta-diversity along a small stream with environmental DNA metabarcoding. <i>Metabarcoding and Metagenomics</i> , 0, 2, e24262.	0.0	48
3814	Can metabarcoding resolve intraspecific genetic diversity changes to environmental stressors? A test case using river macrozoobenthos. <i>Metabarcoding and Metagenomics</i> , 0, 4, .	0.0	18
3815	Mayfly response to different stress types in small and mid-sized lowland rivers. <i>ZooKeys</i> , 2020, 980, 57-77.	0.5	13
3816	Implications of climate change on nutrient pollution: a look into the nitrogen and phosphorus loadings in the Great Miami and Little Miami watersheds in Ohio. <i>AIMS Environmental Science</i> , 2019, 6, 186-221.	0.7	4
3817	Transferts de pesticides dans un petit bassin versant viticole des coteaux du Layon : importance des pics lors du ruissellement. <i>Noréis</i> , 2015, , 67-86.	0.0	2
3818	Pourquoi et comment faut-il sauver la sécurité hydrique?. <i>VertigO: La Revue Electronique En Sciences De L'environnement</i> , 2016, , .	0.0	3
3819	A five-step assessment of river ecosystem services to inform conflictive water-flows management – the Ter River case. <i>VertigO: La Revue Electronique En Sciences De L'environnement</i> , 2016, , .	0.0	1
3820	Quantifier les usages de l'eau : une clarification terminologique et conceptuelle pour lever les confusions. <i>VertigO: La Revue Electronique En Sciences De L'environnement</i> , 2017, , .	0.0	6
3821	Global Environmental Change and Emerging Infectious Diseases. <i>Health Information Systems and the Advancement of Medical Practice in Developing Countries</i> , 2017, , 24-67.	0.1	3
3822	Global Environmental Change and Emerging Infectious Diseases. , 2019, , 38-71.		1
3823	Simulation of the Runoff in a Short-Term Scale and Assessing the Hydrologic Effects of Climate Change in the Zarinerood Basin (As Part of the Orumyeh Lake Great Basin). <i>Hydrology Current Research</i> , 2016, 7, .	0.4	1
3824	Water Pollution and Treatment Technologies. , 2012, 02, .		50
3825	The Mexican Environmental Flow Standard: Scope, Application and Implementation. <i>Journal of Environmental Protection</i> , 2014, 05, 71-79.	0.3	7
3829	GRUN: an observation-based global gridded runoff dataset from 1902 to 2014. <i>Earth System Science Data</i> , 2019, 11, 1655-1674.	3.7	144
3830	Observation-based gridded runoff estimates for Europe (E-RUN version 1.1). <i>Earth System Science Data</i> , 2016, 8, 279-295.	3.7	33

#	ARTICLE	IF	CITATIONS
3831	Simulating human impacts on global water resources using VIC-5. <i>Geoscientific Model Development</i> , 2020, 13, 5029-5052.	1.3	16
3833	Towards observation-based gridded runoff estimates for Europe. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 2859-2879.	1.9	36
3837	Review article: Quantifying the human impact on water resources: a critical review of the water footprint concept. , 0, , .		17
3850	Hydrological sciences and water security: An overview. <i>Proceedings of the International Association of Hydrological Sciences</i> , 0, 366, 1-9.	1.0	21
3851	Responding to the challenges of water security: the Eighth Phase of the International Hydrological Programme, 2014â€“2021. <i>Proceedings of the International Association of Hydrological Sciences</i> , 0, 366, 10-19.	1.0	8
3852	Assessment of freshwater ecosystem services in the Beas River Basin, Himalayas region, India. <i>Proceedings of the International Association of Hydrological Sciences</i> , 0, 379, 67-72.	1.0	3
3853	Short and Long Term Strategies for Household Water Insecurity in Ngamiland, Botswana. <i>Journal of Sustainable Development</i> , 2014, 7, .	0.1	5
3854	Climate Change and Freshwater Fauna Extinction Risk. , 2012, , 309-336.		35
3855	Variability of extreme wet events over Malawi. <i>Geographica Pannonica</i> , 2017, 21, 212-223.	0.5	9
3857	Lâ€™Ã©valuation des impacts cumulÃ©s dans lâ€™estuaire et le golfe du Saint-LaurentÂ: vers une planification systÃ©mique de lâ€™exploitation des ressources. <i>Le Naturaliste Canadien</i> , 0, 140, 45-55.	0.2	5
3858	Dynamics of key plant nutrients (N & P) in hokersar, a typical wetland of Kashmir Himalaya, India. <i>Journal of Environmental Engineering & Ecological Science</i> , 2015, 4, 1.	0.7	7
3860	Diversity and distribution of the Caddisflies (Insecta: Trichoptera) of Ecuador. <i>PeerJ</i> , 2017, 5, e2851.	0.9	33
3861	Do fish get wasted? Assessing the influence of effluents on parasitic infection of wild fish. <i>PeerJ</i> , 2018, 6, e5956.	0.9	16
3862	Altitudinal gradients in Magellanic sub-Antarctic lagoons: the effect of elevation on freshwater macroinvertebrate diversity and distribution. <i>PeerJ</i> , 2019, 7, e7128.	0.9	12
3863	Validation of COI metabarcoding primers for terrestrial arthropods. <i>PeerJ</i> , 2019, 7, e7745.	0.9	161
3864	Density and diversity of macroinvertebrates in Colombian Andean streams impacted by mining, agriculture and cattle production. <i>PeerJ</i> , 2020, 8, e9619.	0.9	10
3865	Multivariate statistical evaluation of dissolved heavy metals and a water quality assessment in the Lake Aha watershed, Southwest China. <i>PeerJ</i> , 0, 8, e9660.	0.9	19
3866	Water management impacts on mountain rivers: Insights from tropical, subtropical and Mediterranean-climate basins. , 2021, , 155-200.		1

#	ARTICLE	IF	CITATIONS
3867	The Socio-Economic Impacts of Aged-Dam Removal: A Review. <i>Journal of Geoscience and Environment Protection</i> , 2021, 09, 62-78.	0.2	7
3868	The effectiveness of protected areas in the Paran�-Paraguay basin in preserving multiple facets of freshwater fish diversity under climate change. <i>Neotropical Ichthyology</i> , 2021, 19, .	0.5	5
3869	Feasibility of the Spatiotemporal Fusion Model in Monitoring Ebinur Lake's Suspended Particulate Matter under the Missing-Data Scenario. <i>Remote Sensing</i> , 2021, 13, 3952.	1.8	15
3870	Increasing Risk of Ecological Change to Major Rivers of the World With Global Warming. <i>Earth's Future</i> , 2021, 9, .	2.4	19
3871	Accounting for diverse cultural values in freshwater management plans by using a transparent and collaborative decision support system based on multi-criteria decision analysis. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2023, 57, 309-335.	0.8	7
3872	Health risks of sulfentrazone exposure during zebrafish embryo-larvae development at environmental concentration. <i>Chemosphere</i> , 2022, 288, 132632.	4.2	5
3873	Magnetic Nanoparticle-Embedded Ionic Microporous Polymer Composite as an Efficient Scavenger of Organic Micropollutants. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 51474-51484.	4.0	5
3874	MoSe ₂ Nanoflowers for Highly Efficient Industrial Wastewater Treatment with Zero Discharge. <i>Advanced Science</i> , 2021, 8, e2102857.	5.6	16
3875	Assessment of ecological characteristics of macroinvertebrate communities and their relationship with environmental factors in a stream ecosystem. <i>Chemistry and Ecology</i> , 2021, 37, 746-766.	0.6	6
3876	Human impact on fluvial systems in Europe with special regard to today's river restorations. <i>Environmental Sciences Europe</i> , 2021, 33, .	2.6	13
3877	More exposure opportunities for promoting freshwater conservation. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 3626-3635.	0.9	11
3878	Organic-Inorganic Polymer Hybrids for Water and Wastewater Treatment. <i>Environmental Footprints and Eco-design of Products and Processes</i> , 2022, , 29-54.	0.7	3
3879	Assessment of Water Quality Regulation Functions in Southwestern Europe Watersheds. <i>Water (Switzerland)</i> , 2021, 13, 2980.	1.2	1
3880	Anthropogenic barriers to longitudinal river connectivity in Greece: A review. <i>Ecohydrology and Hydrobiology</i> , 2022, 22, 295-309.	1.0	8
3881	Seasonal Water Quality and Algal Responses to Monsoon-Mediated Nutrient Enrichment, Flow Regime, Drought, and Flood in a Drinking Water Reservoir. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10714.	1.2	3
3882	Synthesis of sponge like Gd ³⁺ doped vanadium oxide/2D MXene composites for improved degradation of industrial effluents and pathogens. <i>Ceramics International</i> , 2022, 48, 1969-1980.	2.3	55
3883	Water Quality Characterization of Marusudar River in Chenab Sub-Basin of North-Western Himalaya Using Multivariate Statistical Methods. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	1.1	14
3884	Implication of Remote Sensing Data under GIS Environment for Appraisal of Irrigation System Performance. <i>Water Resources Management</i> , 2021, 35, 4909.	1.9	1

#	ARTICLE	IF	CITATIONS
3885	Pareto Optimality and Compromise for Environmental Water Management. <i>Water Resources Research</i> , 2021, 57, .	1.7	12
3886	Surface Water Storage in Rivers and Wetlands Derived from Satellite Observations: A Review of Current Advances and Future Opportunities for Hydrological Sciences. <i>Remote Sensing</i> , 2021, 13, 4162.	1.8	26
3887	Natural infrastructure in sustaining global urban freshwater ecosystem services. <i>Nature Sustainability</i> , 2021, 4, 1068-1075.	11.5	62
3888	Implementation of initial emission mitigation measures for 1,4-dioxane in Germany: Are they taking effect?. <i>Science of the Total Environment</i> , 2022, 806, 150701.	3.9	8
3889	Impact of Climate Change on Water Availability in Water Source Areas of the South-to-North Water Diversion Project in China. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	9
3890	Photocatalytic-sorption processes for the removal of pollutants from wastewater using polymer metal oxide nanocomposites and associated environmental risks. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2021, 16, 100596.	1.7	11
3891	Preparation and decontamination performance of a flexible self-standing hydrogel photocatalytic membrane. <i>Journal of Membrane Science</i> , 2022, 644, 119979.	4.1	14
3892	Exploring trade-offs between SDGs for Indus River Dolphin conservation and human water security in the regulated Beas River, India. <i>Sustainability Science</i> , 2022, 17, 1619-1637.	2.5	7
3893	Modifications of conventional organic membranes with photocatalysts for antifouling and self-cleaning properties applied in wastewater filtration and separation processes: A review. <i>Separation Science and Technology</i> , 2022, 57, 1471-1500.	1.3	11
3894	Combining sense of place theory with the ecosystem services concept: empirical insights and reflections from a participatory mapping study. <i>Landscape Ecology</i> , 2022, 37, 633-655.	1.9	16
3895	Pesticides alter ecosystem respiration via phytoplankton abundance and community structure: Effects on the carbon cycle?. <i>Global Change Biology</i> , 2022, 28, 1091-1102.	4.2	9
3896	Predicting the occurrence of riparian woody species to inform environmental water policies in an Australian tropical river. <i>Freshwater Biology</i> , 2021, 66, 2251-2263.	1.2	6
3897	Understanding the Catalytic Selectivity of Cobalt Hexacyanoferrate toward Oxygen Evolution in Seawater Electrolysis. <i>ACS Catalysis</i> , 2021, 11, 13140-13148.	5.5	26
3898	Environmental Flow Estimation of Brunei River Based on Climate Change. <i>Environment and Urbanization ASIA</i> , 0, , 097542532110472.	0.9	1
3899	Behavioural responses of juvenile <i>Daphnia magna</i> to two organophosphorus insecticides. <i>Journal of Limnology</i> , 0, , .	0.3	0
3900	Implications of changing cropping pattern to low water demand plants due to climate change: evidence from Iran. <i>Environment, Development and Sustainability</i> , 2022, 24, 9833-9850.	2.7	2
3901	A new strategy for environmental flow management by using the remote sensing method. <i>Journal of Cleaner Production</i> , 2021, 325, 129226.	4.6	4
3902	Can the Morphological Quality Index (MQI) be used to determine the ecological status of lowland rivers?. <i>Geomorphology</i> , 2021, 395, 108002.	1.1	7

#	ARTICLE	IF	CITATIONS
3903	Blue water footprint caps per sub-catchment to mitigate water scarcity in a large river basin: The case of the Yellow River in China. <i>Journal of Hydrology</i> , 2021, 603, 126992.	2.3	14
3904	Spatiotemporal variability of global river extent and the natural driving factors revealed by decades of Landsat observations, GRACE gravimetry observations, and land surface model simulations. <i>Remote Sensing of Environment</i> , 2021, 267, 112725.	4.6	10
3905	Ecosystem Services of Rivers: The Don River (Russian Federation) and the Roanoke River (USA). <i>NATO Science for Peace and Security Series C: Environmental Security</i> , 2012, , 63-77.	0.1	1
3906	Impactos y capacidad de adaptaci3n como factores determinantes para priorizar la adaptaci3n agr3cola al cambio clim3tico en Europa. <i>Economia Agraria Y Recursos Naturales</i> , 2011, 11, 59.	0.1	0
3908	Urban Water Infrastructure Development in the Third World: Quo Vadis PPP?. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
3909	Spatially Explicit Modeling of Productivity in Pool 5 of the Mississippi River. , 2012, , 151-170.		0
3911	Mapping institutional landscapes: global efforts to improve access to water. <i>International Journal of Sustainable Development and Planning</i> , 2012, 7, 273-287.	0.3	1
3912	Sustainable Management of Groundwater Resources in Developing Countries: Constraints and Challenges. , 2013, , 325-348.		2
3913	Development and Publication of the Global Water Resources Model H08. <i>Suimon Mizu Shigen Gakkaishi</i> , 2013, 26, 295-301.	0.1	0
3914	Environmental Flows, Political Dams. <i>Journal of Political Sciences & Public Affairs</i> , 2013, 01, .	0.0	0
3917	Water for a Healthy Environment. , 2014, , 79-108.		0
3918	Colliding with Reality: Liquid Modernity and the Environment. , 2014, , 363-392.		1
3920	Water Demand Management and Sustainability. <i>SpringerBriefs in Water Science and Technology</i> , 2014, , 55-83.	0.5	0
3921	Assessment of Water Resources Vulnerability Index by Nation. <i>Journal of Korea Water Resources Association</i> , 2014, 47, 183-194.	0.3	3
3922	Conservation status and distribution pattern of the Indus River Dolphin in River Beas, India. <i>Biodiversitas</i> , 2016, 15, .	0.2	1
3924	Understanding water scarcity: Definitions and measurements. , 2014, , .		3
3926	Parametric uncertainty or hydrological changes?. <i>Proceedings of the International Association of Hydrological Sciences</i> , 0, 364, 134-139.	1.0	0
3927	Water risk assessment in China based on the improved Water Risk Filter. <i>Proceedings of the International Association of Hydrological Sciences</i> , 0, 364, 222-228.	1.0	0

#	ARTICLE	IF	CITATIONS
3928	Water risk assessment for river basins in China based on WWF water risk assessment tools. Proceedings of the International Association of Hydrological Sciences, 0, 364, 299-304.	1.0	0
3930	Danube salmon (Hucho hucho) in Central and South Eastern Europe: A review for the development of an international program for the rehabilitation and conservation of Danube salmon populations. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, 2014, 71, .	0.2	6
3933	Water Management. , 2015, , 215-231.		0
3934	2008 kurak yÄ±lÄ±nÄ±n Termessos (GÃ¼llÃ¼k DaÄŸÄ±) Milli ParkÄ± (Antalya) vejetasyonuna etkisinin ÅŸeÅŸitli kuraklık indeksleriyle incelenmesi (Various Drought Indices for Monitoring Drought Condition in Mount) Tj ETQq1 1 0.784304rgBT /Overlock 10		0
3935	The Myth of Sustainable Food Supply and the Urgent Need for Radical Change from Competitive Corporatism to Sustainable Stewardship. , 2015, , 141-154.		0
3936	Public Health Perspectives on Water Systems and Ecology. Wetlands: Ecology, Conservation and Management, 2015, , 15-30.	0.0	3
3937	Environmental Approaches during Planning and Construction Stages of Hydropower Projects in Mexico. Journal of Environmental Protection, 2015, 06, 1186-1195.	0.3	2
3938	The Globalisation of Food and Water: The Italian Case. , 2015, , 145-158.		0
3939	Investigation of geosmin removal efficiency by microorganism isolated from biological activated carbon. Journal of the Korean Society of Water and Wastewater, 2015, 29, 47-55.	0.3	2
3940	Water Security. , 0, , 1-15.		0
3941	Daily variability of suspended particulate concentrations and yields and their effect on river particulates chemistry. Proceedings of the International Association of Hydrological Sciences, 0, 367, 12-28.	1.0	0
3947	Parameteric Assessment of Water Use Vulnerability of South Korea using SWAT model and TOPSIS. Journal of Korea Water Resources Association, 2015, 48, 647-657.	0.3	4
3949	CHAPTER 9 - Improving reliability and functional sustainability of groundwater handpumps by coating the rubber piston seals with diamond-like carbon. , 2015, , 125-138.		1
3950	AnÃ¡lise fÃsico-quÃmica da Ãgua de trÃs poÃos subterrÃneos no municÃpio de MossorÃ-RN. , 0, , .		1
3951	InfluÃncia antrÃpica na qualidade da Ãgua e sedimentos do rio Apodi-MossorÃ no municÃpio de Governador Dix-Sept Rosado, RN. , 0, , .		0
3952	Projected Changeâ€”River Flow and Urban Drainage. Regional Climate Studies, 2016, , 219-237.	1.2	1
3953	Danube River Basin. , 2016, , 1-12.		2
3955	Development and Application of Indicators for Water Management for River Basin - Focusing on Water use and Flood. Korean Society of Hazard Mitigation, 2016, 16, 483-494.	0.1	0

#	ARTICLE	IF	CITATIONS
3957	Streams: Perennial and Seasonal. , 0, , 853-857.		0
3958	Evaluation of Microbes through Microfiltration within the Water Treatment Processes. Korean Journal of Clinical Laboratory Science, 2016, 48, 230-236.	0.1	0
3959	A trilogia dos ribeiros: folhas, fungos e invertebrados. Revista De Ci�ncia Elementar, 2016, 4, .	0.0	1
3960	ONE- AND TWO-DIMENSIONAL ECOHYDRAULIC MODELING OF FORMOSO RIVER (MG). Engenharia Agricola, 2016, 36, 1050-1062.	0.2	3
3962	Public Health Dimensions of Water Insecurity. Water Security in A New World, 2017, , 147-171.	0.1	0
3963	Implications of the Paris Climate Change Agreement for Adaptation Research and Universities. , 2017, , 251-262.		0
3964	Histopathological alterations in kidney and liver of Clarias gariepinus (burchell, 1822) studied in river galma, Nigeria. Applied Scientific Reports, 2017, 4, 1.	1.0	3
3965	Water Security Is Job Security: Water as an Enabler for Livelihoods. Water Security in A New World, 2017, , 113-129.	0.1	1
3966	Ecotoxicological Impact of Sub-lethal Concentrations of Glyphosate�based Herbicide on Juvenile Clarias gariepinus. Journal of Advances in Medicine and Medical Research, 2017, 22, 1-14.	0.1	2
3967	Integral water management on the territory of the town of Kru�jevac. Zbornik Radova - Geografski Fakultet Univerziteta U Beogradu, 2017, , 279-294.	0.1	0
3969	K-hop learning. , 2017, , .		1
3970	Birle�mi� Milletlerin 2015 sonras� Kalk�nma Hedefleri (SDC) i�sin Kapasite Olu�turma, suyla ili�kili felaketler ve g�da g�vensizli�i: Orta Do�u F�rat Havzas�'nda su k�tl��n�n susam�n biyokimyasal ve b�y�mesine olan etkisi. Kahramanmara� S�t�n�m �cniversitesi Tar�m Ve Do�a Dergisi, 0, , .		
3971	Diatom Diversity and Organic Matter Sources in Water Bodies around Chennai, Tamil Nadu, India. MOJ Ecology & Environmental Sciences, 2017, 2, .	0.1	0
3973	�Afecta los proyectos hidroel�ctricos a las plantas acu�ticas? El caso de Marathrum foeniculaceum (Podostemaceae) en dos r�os del sureste de Costa Rica. Cuadernos De Investigaci�n UNED, 2017, 9, .	0.1	0
3974	Simulation of Discharge and Nitrate in Tallar Basin using SWAT Model. Journal of Watershed Management Research, 2017, 8, 45-60.	0.0	4
3975	Water Security as a Normative Goal or as a Structural Principle for Water Governance. , 2018, , 201-231.		2
3978	Back Matter: Appendix. , 2017, , 149-175.		0
3979	Spatio-temporal Identification on Cross Border Collaborative Research Trend of Great Lakes by Applied Mathematics Method. , 0, , .		0

#	ARTICLE	IF	CITATIONS
3980	Virtual Water Flow at County-Level of the Heihe River Basin in China. <i>Ecohydrology</i> , 2018, , 1-26.	0.2	0
3982	Case for Adaptation. , 2018, , 1-11.		0
3984	EVALUATING THE RELATIONSHIP BETWEEN FISH SPECIES RICHNESS AND PERIODICITY OF FLOODS AND DROUGHTS USING CIRCULAR STATISTICS. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic)</i> Tj ETQq0 0.0gBT /Overlock 10	0.0	0
3986	Wicked Water Systems: A Review of Challenges and Opportunities. , 0, , .		1
3987	Technical Solutions to Mitigate Shifting Fish Fauna Zones Impacted by Long Term Habitat Degradation in the Bistra MĂfrui River â€“ Study Case. <i>Transylvanian Review of Systematical and Ecological Research</i> , 2018, 20, 75-114.	0.9	1
3993	Hydrographical and Physicalâ€“Geographical Characteristics of the Issyk-Kul Lake Basin and Use of Water Resources of the Basin, and Impact of Climate Change on It. <i>Water Resources Development and Management</i> , 2019, , 297-357.	0.3	3
3995	Your place, my placeâ€“, distribution of <i>Agonostomus monticola</i> and <i>Sicydium multipunctatum</i> in the Acahuapa Watershed. <i>Revista Mexicana De Biodiversidad</i> , 2018, 89, .	0.4	2
3997	Evaluation and Improvement of Water Supply Capacity in the Region. <i>Journal of Management and Sustainability</i> , 2018, 8, 113.	0.2	2
3998	Nuevos casos de leucismo en peces andinos del gÃ©nero <i>Astroblepus</i> . <i>Avances En Ciencias E IngenierÃ­as</i> , 2018, 10, .	0.1	0
3999	An Exploratory Study on the Development and Application of the Water Industry Index. <i>Public Policy Review</i> , 2018, 32, 165-198.	0.0	0
4000	Ecological Sustainability, Intergenerational Resource Transfer and Economic Development. , 2019, , 627-655.		0
4001	COMPARISON OF COMBINED FILTER AND ACTIVATED CARBON ON TREATMENT OF SYNTHETIC GREYWATER BY PRODUCED MGCL2 BASED ACTIVATED CARBON FROM RICE STRAW WASTE. <i>International Journal of Agriculture Environment and Bioresearch</i> , 2019, 04, 107-120.	0.0	1
4003	Biodiversity of aquatic environments in a peri-urban Atlantic Forest protected remnant: a checklist. <i>Biota Neotropica</i> , 2019, 19, .	0.2	1
4004	Water Pollutants and Their Removal Techniques. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2019, , 114-133.	0.3	0
4005	Virtual Water Flow at County-Level of the Heihe River Basin in China. <i>Ecohydrology</i> , 2019, , 307-332.	0.2	0
4006	Influence of flow velocity, river size, a dam, and an urbanized area on biodiversity of lowland rivers. <i>Biosystems Diversity</i> , 2018, 26, 292-302.	0.2	2
4007	EMERGING RESEARCH NEEDS FOR WATER SECURITY ENHANCEMENT. <i>Suimon Mizu Shigen Gakkaishi</i> , 2019, 32, 74-81.	0.1	0
4010	Analysis of Hydrology, Sediment Retention, Biogenic- Calcification and -Scavenging as Self-Remediative Lacustrine Functions.. , 2020, , 197-234.		0

#	ARTICLE	IF	CITATIONS
4011	Recording Thirteen New Species of Phytoplankton in Euphrates River Environment in Iraq. <i>Walailak Journal of Science and Technology</i> , 2019, 17, 200-211.	0.5	4
4012	Microbiological properties of both drinking and domestic waters in Åtorum. <i>International Journal of Science Letters</i> , 2019, 1, 56-67.	0.5	0
4013	Smart Solutions in the Oil and Gas Industry: A Review. <i>Journal of Clean Energy Technologies</i> , 2019, 7, 72-76.	0.1	4
4015	The influence of hydro-climatological balances and Nature-based solutions (NBS) in the management of water resources. <i>Meteorology Hydrology and Water Management</i> , 0, , .	0.4	0
4016	The Water Footprint Assessment of Agriculture in Banjar River Watershed. <i>Current World Environment Journal</i> , 2019, 14, 476-488.	0.2	8
4017	Water Security in Poland. Conceptualization and General Constitutional Conditions. <i>Przełd Prawa Konstytucyjnego</i> , 2019, 52, 415-431.	0.0	0
4018	Effect of water scarcity on householdsâ€™ livelihoods in Iwoye-Ketu Area of Ogun State, Nigeria. <i>Journal of Water and Land Development</i> , 2019, 43, 9-18.	0.9	0
4019	Quantifying water volumes of ungauged lakes using optical satellite imagery and high-resolution LiDAR DEMs. , 0, , .		0
4020	Inflammation and cancer interconnection; simply as we think. <i>Applied Scientific Reports</i> , 2020, 7, 1.	1.0	1
4021	Inter-relaÃ§Ã£o de tÃ©cnica de manejo de Ãgua e solo aplicadas a cultura do milho: uma revisÃ£o. <i>Research, Society and Development</i> , 2020, 9, e569974503.	0.0	3
4022	The influence of surrounding land cover on wetland habitat conditions: a case study of inland wetlands in South Korea. <i>PeerJ</i> , 2020, 8, e9101.	0.9	3
4024	APPLICABILITY OF USING REVERSE OSMOSIS MEMBRANE TECHNOLOGY FOR WASTEWATER RECLAMATION IN THE GAZA STRIP. <i>Journal of Engineering Research</i> , 2020, 17, 11.	0.2	0
4025	ROLE OF EARTH OBSERVATION DATA AND HYDROLOGICAL MODELING IN SUPPORTING UN SDGs IN NORTH WEST HIMALAYA. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLIII-B3-2020, 853-860.	0.2	0
4026	NDWI-DeepLabv3+: High-Precision Extraction of Water Bodies from Remote Sensing Images. , 2020, , .		2
4027	Biogeochemical processes create distinct isotopic fingerprints to track floodplain rearing of juvenile salmon. <i>PLoS ONE</i> , 2021, 16, e0257444.	1.1	2
4029	Resource utilisation by smooth-coated otter in the rivers of Himalayan foothills in Uttarakhand, India. <i>Global Ecology and Conservation</i> , 2021, 32, e01896.	1.0	1
4030	ProblemÃ¡tica sobre la disponibilidad del agua en el periodo de estiaje del rÃo Pixquiatic, Veracruz. <i>UVserva</i> , 2021, , 224-243.	0.0	0
4031	Characterization of the Multidimensional Functional Space of the Aquatic Macroinvertebrate Assemblages in a Biosphere Reserve (Central MÃ©xico). <i>Diversity</i> , 2021, 13, 546.	0.7	3

#	ARTICLE	IF	CITATIONS
4032	Ecological values of intermittent rivers for terrestrial vertebrate fauna. <i>Science of the Total Environment</i> , 2022, 806, 151308.	3.9	8
4033	Investigation of diode laser effect on the inactivation of selected Gram-negative bacteria, Gram-positive bacteria and yeast and its disinfection on wastewater and natural milk. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 1238-1250.	1.2	3
4034	Data-Driven System Dynamics Model for Simulating Water Quantity and Quality in Peri-Urban Streams. <i>Water (Switzerland)</i> , 2021, 13, 3002.	1.2	6
4035	The influence of climate on water chemistry states and dynamics in rivers across Australia. <i>Hydrological Processes</i> , 2021, 35, e14423.	1.1	9
4036	The environmental flows implementation challenge: Insights and recommendations across water-limited systems. <i>Wiley Interdisciplinary Reviews: Water</i> , 2022, 9, e1565.	2.8	22
4037	Influences of Small Hydroelectric Plants on the genetic differentiation of Neotropical freshwater fish populations: a case study. <i>Studies on Neotropical Fauna and Environment</i> , 2023, 58, 527-539.	0.5	0
4038	Deficit Irrigation and Water Conservation. , 2020, , 15-27.		0
4039	Research Background and Literature Review. <i>Springer Theses</i> , 2020, , 5-41.	0.0	0
4040	Hydrological Modeling of Spatial and Temporal Changes of Blue and Green Water Resources in the Zayandeh Rud River Basin. , 2020, , 141-173.		3
4041	Restoring soil health to reduce irrigation demand and buffer the impacts of drought. <i>Frontiers of Agricultural Science and Engineering</i> , 2020, 7, 339.	0.9	3
4042	Water use efficiency: box ticking or a valid approach?. <i>International Journal of Water Resources Development</i> , 0, , 1-9.	1.2	2
4043	Native Fish Loss in a Transition-Zone Stream Following Century-Long Habitat Alterations and Nonnative Species Introductions. <i>Western North American Naturalist</i> , 2020, 80, .	0.2	1
4044	Creating a Collaboration Framework to Evaluate International University-led Water Research Partnerships. <i>Journal of Contemporary Water Research and Education</i> , 2020, 171, 9-26.	0.7	3
4045	Effects of DEM resolution on the RUSLE-LS factor and its implications on soil and water management policies through the land cover seasonality. <i>African Journal of Agricultural Research</i> Vol Pp, 2020, 16, 1755-1765.	0.2	1
4047	Significant Baseflow Reduction in the Sao Francisco River Basin. <i>Water (Switzerland)</i> , 2021, 13, 2.	1.2	24
4048	Excellent energy capture of hierarchical MoS2 nanosheets coupled with MXene for efficient solar evaporators and thermal packs. <i>Carbon</i> , 2022, 186, 19-27.	5.4	36
4049	A machine learning approach to identify barriers in stream networks demonstrates high prevalence of unmapped riverine dams. <i>Journal of Environmental Management</i> , 2022, 302, 113952.	3.8	13
4050	Major Imposed Threats. , 2020, , 79-159.		0

#	ARTICLE	IF	CITATIONS
4051	Application of Nanosensors in Agriculture and Food Processing. , 2020, , 175-186.		0
4052	Threats: The Background Variations in Condition. , 2020, , 57-78.		1
4053	Water and Soil. , 2020, , 65-96.		0
4054	Standing Up to Climate Change: Creating Prospects for a Sustainable Future in Rural Iran. , 2020, , 1-25.		0
4055	Water Quality and Protection at Source. Encyclopedia of the UN Sustainable Development Goals, 2020, , 1-11.	0.0	0
4056	From the Mountains and Glaciers Down to the Rivers to the Estuaries and Oceans: Another Sad Tale of 18 or so Rivers. , 2020, , 41-59.		1
4057	Linking phytoplankton community structure to aquatic ecosystem functioning: A mini-review of the current status and future directions. , 2020, , 291-302.		1
4058	Development of Electrochemical Membrane Bioreactor Technologies for Sustainable Wastewater Treatment. Springer Theses, 2020, , 95-122.	0.0	0
4060	Freshwater Ecosystems: A Foundation for Life on Land. Encyclopedia of the UN Sustainable Development Goals, 2020, , 1-10.	0.0	0
4061	Where We Need to Be. , 2020, , 109-144.		0
4062	Water Crimes Within Environmental Crimes. , 2020, , 31-45.		1
4063	Spatiotemporal Evaluation of Water Quality and Water Quality Incidents Over Japan. , 2020, , 57-72.		0
4065	Developing Domestic Water Security Index in Urban Cities, Bahir Dar City, Ethiopia. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 113-125.	0.2	1
4067	Urban Agglomerates Under Climate Change Induced Risk. Disaster Studies and Management, 2020, , 199-250.	0.1	0
4068	Collapse of Biodiversity in the Aquatic Environment. , 2020, , 275-301.		1
4069	Urban Water Security: Background and Concepts. Water Science and Technology Library, 2020, , 1-24.	0.2	1
4070	Fishway Effectiveness and Upstream Residency of Three Fish Species at Four Fishways in Prince Edward Island, Canada. Northeastern Naturalist, 2020, 27, 48.	0.1	2
4071	Evaluation of Stormwater System Influence on the River Using Algae. Journal of Ecological Engineering, 2020, 21, 214-221.	0.5	1

#	ARTICLE	IF	CITATIONS
4073	Review of An Integrated Air-Vinasse Treatment-To-Food, Energy, Water, And A Novel Mosquito-Combatant Soil Amendment. <i>Journal of Biotechnology & BioResearch</i> , 2020, 2, .	0.0	0
4074	Climate Change as a Challenge to Constitutional Values. <i>Toward Climate Change Constitutionalism.</i> , 2021, , 1-17.		0
4075	Climate Change, Water Security, and Conflict Potentials in South Africa: Assessing Conflict and Coping Strategies in Rural South Africa. , 2021, , 1775-1792.		0
4077	Implications of Sewage Discharge on Freshwater Ecosystems. , 0, , .		8
4078	Properties of ammonia-oxidising bacteria and archaea in a hypereutrophic urban river network. <i>Freshwater Biology</i> , 0, , .	1.2	2
4079	Water Resources and Governance Approaches: Insights for Achieving Water Security. <i>Water (Switzerland)</i> , 2021, 13, 3063.	1.2	9
4080	Spatial-temporal collaborative relation among ecological footprint depth/size and economic development in Chengyu urban agglomeration. <i>Science of the Total Environment</i> , 2022, 812, 151510.	3.9	14
4081	Salty water and salty leaf litter alters riparian detrital processes: Evidence from sodium-addition laboratory mesocosm experiments. <i>Science of the Total Environment</i> , 2022, 806, 151392.	3.9	3
4082	Assessment of the quality of the Densu river using multicriterial analysis and water quality index. <i>Applied Water Science</i> , 2021, 11, 1.	2.8	4
4083	Landscape Transformations, Morphometry, and Trophic Status of Anchar Wetland in Kashmir Himalaya: Implications for Urban Wetland Management. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	1.1	18
4084	A review of the conservation status of seasonal <i>Nothobranchius</i> fishes (Teleostei: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 347 Td (Africa. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2022, 32, 199-216.	0.9	7
4086	PercepÃ§Ã£o dos serviÃ§os ambientais gerados por uma Ã¡rea natural de alto valor turÃstico: Cachoeira do Roncadeira (TO). , 2020, 13, .		0
4087	Global Environmental Change and Emerging Infectious Diseases. , 0, , 393-426.		0
4088	Is water consumption embedded in crop prices? A global data-driven analysis. <i>Environmental Research Letters</i> , 2020, 15, 104016.	2.2	5
4091	Evaluating the Management of a Tropical Reservoir: Implications of Climate Change for Water Availability. <i>Pacific Science</i> , 2020, 74, .	0.2	0
4092	Specialty Grand Challenge: Water and the Built Environment. <i>Frontiers in Water</i> , 2020, 2, .	1.0	0
4094	Freshwater Ecosystems: A Foundation for Life on Land. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2021, , 409-419.	0.0	0
4095	Rivers as living beings: rights in law, but no rights to water?. <i>Griffith Law Review</i> , 2020, 29, 643-668.	0.6	26

#	ARTICLE	IF	CITATIONS
4096	Recent advancements in microbial bioremediation of industrial effluents: challenges and future outlook. , 2022, , 293-303.		2
4097	Integrating Climate Change, Hydrology, and Water Footprint to Measure Water Scarcity in Lesotho, Africa. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2022, 148, .	1.3	3
4098	A comprehensive assessment of anthropogenic impacts, contamination, and ecological risks of toxic elements in sediments of urban rivers: A case study in Qingdao, East China. <i>Environmental Advances</i> , 2022, 7, 100143.	2.2	21
4099	Analysis of water resources supply and demand structure in Beijingâ€“Tianjinâ€“Hebei region from the perspective of water footprint. , 2021, , .		0
4100	The number of people exposed to water stress in relation to how much water is reserved for the environment: a global modelling study. <i>Lancet Planetary Health</i> , The, 2021, 5, e766-e774.	5.1	17
4101	Tributary effects on the ecological responses of a regulated river to experimental floods. <i>Journal of Environmental Management</i> , 2022, 303, 114122.	3.8	4
4102	Long and short-term cation exchange linked to a negative hydraulic barrier in a coastal aquifer. <i>Science of the Total Environment</i> , 2022, 819, 152013.	3.9	0
4103	Temporal changes of biodiversity in urban running waters â€“ Results of a twelve-year monitoring study. <i>Basic and Applied Ecology</i> , 2022, 58, 74-87.	1.2	8
4105	Functional responses of fisheries to hydropower dams in the Amazonian Floodplain of the Madeira River. <i>Journal of Applied Ecology</i> , 2022, 59, 680-692.	1.9	11
4106	Spiders as bio-indicators of habitat disturbance in the riparian zone of the Ganga river: a preliminary study. <i>Tropical Ecology</i> , 2022, 63, 209-215.	0.6	5
4107	Riverscape approaches in practice: perspectives and applications. <i>Biological Reviews</i> , 2022, 97, 481-504.	4.7	38
4108	Assessing the hydroregime of an archetypal riverine wet meadow in the central Great Plains using timeâ€“lapse imagery. <i>Ecosphere</i> , 2021, 12, e03829.	1.0	1
4109	A dynamic connectivity metric for complex river wetlands. <i>Journal of Hydrology</i> , 2021, 603, 127163.	2.3	9
4110	A multi-sensor satellite imagery approach to monitor on-farm reservoirs. <i>Remote Sensing of Environment</i> , 2022, 270, 112796.	4.6	12
4111	Fresh insights into Mediterranean biodiversity: environmental DNA reveals spatio-temporal patterns of stream invertebrate communities on Sicily. <i>Hydrobiologia</i> , 2022, 849, 155-173.	1.0	5
4112	Environmental Flow Requirements of Estuaries: Providing Resilience to Current and Future Climate and Direct Anthropogenic Changes. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	34
4113	Group size influences lightâ€“emitting diode light colour and substrate preference of David's Schizothoracin (<i>Schizothorax davidi</i>): Relevance for design of fish passage facilities. <i>River Research and Applications</i> , 2022, 38, 280-292.	0.7	4
4114	Cross-regional scale pollution of freshwater biofilms unveiled by antibiotic resistance genes. <i>Science of the Total Environment</i> , 2022, 818, 151835.	3.9	11

#	ARTICLE	IF	CITATIONS
4115	Analyzing the Impact of Lockdown on Rejuvenation of Rivers in Uttar Pradesh, India. Lecture Notes in Civil Engineering, 2022, , 373-388.	0.3	2
4116	Synthesis of a Magnetic Co@C Material via the Design of a MOF Precursor for Efficient and Selective Adsorption of Water Pollutants. Journal of Inorganic and Organometallic Polymers and Materials, 2022, 32, 700-712.	1.9	5
4117	Biogenic silica, eutrophication risk and different forms of phosphorus in surface sediments of Anzali wetland, Caspian Sea. Marine Pollution Bulletin, 2021, 173, 113138.	2.3	10
4118	Responses of Macroinvertebrate Community Temporal Dissimilarity and Abundance to the Water Level Fluctuation Range in a Shallow Lake. Water (Switzerland), 2021, 13, 3380.	1.2	0
4119	Regional water resources security grading evaluation considering both visible and virtual water: a case study on Hubei province, China. Environmental Science and Pollution Research, 2022, 29, 25824-25847.	2.7	5
4120	Hydro-environmental response to the inter-basin water resource development in the middle and lower Han River, China. Hydrology Research, 2022, 53, 141-155.	1.1	10
4121	Preference for Artificial Refugia over Natural Refugia in an Endangered Fish. Diversity, 2021, 13, 635.	0.7	1
4122	Tailoring of polysulfate/polyvinylpyrrolidone membrane structure via NIPS coupled physical aging technique for high-performance dye/salt separation. Separation and Purification Technology, 2022, 283, 120163.	3.9	15
4123	Negative effects of parasite exposure and variable thermal stress on brown trout (<i>Salmo trutta</i>) under future climatic and hydropower production scenarios. Climate Change Ecology, 2021, 2, 100039.	0.9	4
4124	Urban geochemistry and human-impacted imprint of dissolved trace and rare earth elements in a high-tech industrial city, Suzhou. Elementa, 2021, 9, .	1.1	11
4125	Multiple Stressors in Streams. , 2021, , .		0
4126	Worldwide Wetland Loss and Conservation of Biodiversity and Ecosystem Services. , 2021, , .		0
4128	Kinetics of high density functional polymer nanocomposite formation by tuning enthalpic and entropic barriers. Soft Matter, 2022, 18, 1005-1012.	1.2	4
4129	Climate and land change impacts on future managed wetland habitat: a case study from California's Central Valley. Landscape Ecology, 2022, 37, 861-881.	1.9	6
4130	Using fish community and population indicators to assess the biological condition of streams and rivers of the Chesapeake Bay watershed, USA. Ecological Indicators, 2022, 134, 108488.	2.6	4
4131	High concentrations of pharmaceuticals emerging as a threat to Himalayan water sustainability. Environmental Science and Pollution Research, 2022, 29, 16749-16757.	2.7	10
4132	Evaluation of water conservation function of Beijiang River basin in Nanling Mountains, China, based on WEP-L model. Ecological Indicators, 2022, 134, 108383.	2.6	20
4133	Hydrogel supported positively charged ultrathin polyamide layer with antimicrobial properties via Ag modification. Separation and Purification Technology, 2022, 284, 120295.	3.9	16

#	ARTICLE	IF	CITATIONS
4134	Porous graphene nanoplatelets encompassed with nitrogen and sulfur group for heavy metal ions removal of adsorption and desorption from single or mixed aqueous solution. <i>Separation and Purification Technology</i> , 2022, 288, 120485.	3.9	25
4135	Responses of multiple structural and functional indicators along three contrasting disturbance gradients. <i>Ecological Indicators</i> , 2022, 135, 108514.	2.6	9
4136	Enhanced anti-wetted PVDF membrane for pulping RO brine treatment by vacuum membrane distillation. <i>Desalination</i> , 2022, 526, 115533.	4.0	13
4137	Functionalized dual modification of covalent organic framework for efficient and rapid trace heavy metals removal from drinking water. <i>Chemosphere</i> , 2022, 290, 133215.	4.2	28
4138	iPODfish “A new method to infer the historical occurrence of diadromous fish species along river networks. <i>Science of the Total Environment</i> , 2022, 812, 152437.	3.9	3
4139	Xiaolangdi Dam: A valve for streamflow extremes on the lower Yellow River. <i>Journal of Hydrology</i> , 2022, 606, 127426.	2.3	15
4140	Investigation of the adsorptive removal of methylene blue using modified nanocellulose. <i>International Journal of Biological Macromolecules</i> , 2022, 200, 162-171.	3.6	30
4141	Geomorphological diversity of rivers in the Amazon Basin. <i>Geomorphology</i> , 2022, 400, 108078.	1.1	4
4142	Remediation of noxious wastewater using nanohybrid adsorbent for preventing water pollution. <i>Chemosphere</i> , 2022, 292, 133380.	4.2	12
4143	Global Weekly Inland Surface Water Dynamics from L-Band Microwave. , 2020, , .		2
4144	Variación estacional y características físico-químicas e hidrológicas que influyen en los macroinvertebrados acuáticos, en un río tropical. <i>Revista De Biología Tropical</i> , 2020, 68, S54-S67.	0.1	2
4145	Inland Waters “Rivers: Land Use and Water Quality. , 2021, , .		0
4146	Current trends, gaps, and future prospects in e-flow science: allocating environmental water needs under a changing world. , 2021, , 201-234.		0
4147	Flood Plains of Large Rivers. , 2022, , 290-300.		1
4148	Sorptive removal of aqueous arsenite and arsenate ions onto a low cost, calcium modified <i>Moringa oleifera</i> wood biochar (CaMBC). <i>Environmental Quality Management</i> , 0, , .	1.0	5
4149	Strategic Forest Reserves can protect biodiversity in the western United States and mitigate climate change. <i>Communications Earth & Environment</i> , 2021, 2, , .	2.6	20
4150	Emerging Issue of Microplastic in Sediments and Surface Water in South Asia: A Review of Status, Research Needs, and Data Gaps. <i>Emerging Contaminants and Associated Treatment Technologies</i> , 2022, , 3-19.	0.4	6
4151	Advances in Amine-Surface Functionalization of Inorganic Adsorbents for Water Treatment and Antimicrobial Activities: A Review. <i>Polymers</i> , 2022, 14, 378.	2.0	23

#	ARTICLE	IF	CITATIONS
4152	Explaining water security indicators using hydrologic and agricultural systems models. <i>Journal of Hydrology</i> , 2022, 607, 127463.	2.3	18
4153	Hotspots for social and ecological impacts from freshwater stress and storage loss. <i>Nature Communications</i> , 2022, 13, 439.	5.8	45
4154	Using Adaptive Capacity to Shift Absorptive Capacity: A Framework of Water Reallocation in Highly Modified Rivers. <i>Water (Switzerland)</i> , 2022, 14, 193.	1.2	2
4155	Can slowing the rate of water temperature decline be utilized to reduce the impacts of cold water pollution from dam releases on fish physiology and performance?. <i>Journal of Fish Biology</i> , 2022, , .	0.7	3
4156	Translational Platform for Increasing Water Use Efficiency in Agriculture: Comparative Analysis of Plantation Crops. <i>Water Resources Management</i> , 2022, 36, 571-587.	1.9	2
4157	Impact of residential water saving devices on urban water security: the case of Beijing, China. <i>Environmental Science: Water Research and Technology</i> , 2022, 8, 326-342.	1.2	3
4158	Taxonomic rarity and functional originality of freshwater fishes and their responses to anthropogenic habitat alterations. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2022, 32, 484-494.	0.9	3
4160	Water security assessment of a peri-urban area: a study in Singair Upazila of Manikganj district of Bangladesh. <i>Environment, Development and Sustainability</i> , 2022, 24, 14106-14129.	2.7	3
4161	A Model-Based Approach for Improving Surface Water Quality Management in Aquaculture Using MIKE 11: A Case of the Long Xuyen Quadangle, Mekong Delta, Vietnam. <i>Water (Switzerland)</i> , 2022, 14, 412.	1.2	12
4162	Adaptation to Socialâ€œEcological Change in Northwestern Pakistan: Household Strategies and Decision-making Processes. <i>Environmental Management</i> , 2022, , 1.	1.2	2
4163	Environmental Flows: Ecological Effects of Hydrologic Alterations, Assessment Methods for Rivers, Challenges and Global Uptake. , 2022, , .		1
4165	Conservation plan for Tawi River, India, using geoinformatics techniques. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	0.6	1
4166	The Impacts of Urbanization to Improve Agriculture Water Use Efficiencyâ€œAn Empirical Analysis Based on Spatial Perspective of Panel Data of 30 Provinces of China. <i>Land</i> , 2022, 11, 80.	1.2	14
4167	Challenges to Implementing Environmental-DNA Monitoring in Namibia. <i>Frontiers in Environmental Science</i> , 2022, 9, .	1.5	1
4168	Thirty years of environmental change reduces local, but not regional, diversity of riverine fish assemblages in a Himalayan biodiversity hotspot. <i>Biological Conservation</i> , 2022, 265, 109427.	1.9	6
4169	Abundance and nutritional status of freshwater turtles to guide delivery of environmental flows in the Murrayâ€œDarling Basin, southâ€œeastern Australia. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2022, 32, 282-293.	0.9	2
4170	Taxonomic and Functional Responses of Species-Poor Riverine Fish Assemblages to the Interplay of Human-Induced Stressors. <i>Water (Switzerland)</i> , 2022, 14, 355.	1.2	3
4171	Water Footprint Assessment: towards water-wise food systems. , 2022, , 63-88.		2

#	ARTICLE	IF	CITATIONS
4173	Understanding the Cultural Foundations of Water Institutions: Groundwater Management in Kansas, High Plains-Ogallala Aquifer. , 2022, , 185-202.		2
4174	The importance of indirect effects of climate change adaptations on alpine and pre-Alpine freshwater systems. Ecological Solutions and Evidence, 2022, 3, .	0.8	4
4175	Movement behavior of a threatened native fish informs flow management in a modified floodplain river system. Ecosphere, 2022, 13, .	1.0	5
4176	Functional Flows in Groundwater-Influenced Streams: Application of the California Environmental Flows Framework to Determine Ecological Flow Needs. Frontiers in Environmental Science, 2022, 9, .	1.5	8
4177	Conservation evaluation of three Nigerian streams in different vegetation zones demonstrates why pristine freshwater ecosystems in the Afrotropics should be protected. Aquatic Conservation: Marine and Freshwater Ecosystems, 2022, 32, 702-709.	0.9	8
4178	Environmental concentrations as ratios of random variables. Environmental Research Letters, 2022, 17, 024011.	2.2	3
4179	Sustainable Surface Water Storage Development: Measuring Economic Benefits and Ecological and Social Impacts of Reservoir System Configurations. Water (Switzerland), 2022, 14, 307.	1.2	3
4180	Long-Term Changes in Macrophyte Distribution and Abundance in a Lowland River. Plants, 2022, 11, 401.	1.6	4
4181	Solar Radiation Components on a Horizontal Surface in a Tropical Coastal City of Salvador. Energies, 2022, 15, 1058.	1.6	2
4182	Variation in the predictability of lake plankton metric types. Limnology and Oceanography, 2022, 67, 608-620.	1.6	7
4183	Maximizing Multi-Decadal Water Surface Elevation Estimates With Landsat Imagery and Elevation/Bathymetry Datasets. Water Resources Research, 2022, 58, .	1.7	2
4184	Discrete element method to investigate flexural strength of pervious concrete. Construction and Building Materials, 2022, 323, 126477.	3.2	5
4185	Forest cover controls the nitrogen and carbon stable isotopes of rivers. Science of the Total Environment, 2022, 817, 152784.	3.9	8
4186	Realistic exposure to fipronil, 2,4-D, vinasse and their mixtures impair larval amphibian physiology. Environmental Pollution, 2022, 299, 118894.	3.7	12
4188	Increasing fish diversity of Chicago's waterways. Knowledge and Management of Aquatic Ecosystems, 2022, , 6.	0.5	0
4189	The Challenge of Setting "Climate Ready" Ecological Targets for Environmental Flow Planning. Frontiers in Environmental Science, 2022, 10, .	1.5	8
4190	Decreases in wastewater pollutants increased fish diversity of Chicago's waterways. Science of the Total Environment, 2022, 824, 153776.	3.9	4
4191	Organic vs conventional plant-based foods: A review. Food Chemistry, 2022, 383, 132352.	4.2	28

#	ARTICLE	IF	CITATIONS
4192	Influence of Urban Areas on Surface Water Loss in the Contiguous United States. <i>AGU Advances</i> , 2022, 3, .	2.3	3
4193	Simulating Discharge in a Non-Dammed River of Southeastern South America Using SWAT Model. <i>Water (Switzerland)</i> , 2022, 14, 488.	1.2	1
4194	Redox-Active Magnetic Composites for Anionic Contaminant Removal from Water. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 8974-8983.	4.0	11
4195	Human-induced loss of functional and phylogenetic diversity is mediated by concomitant deterministic processes in subtropical aquatic insect communities. <i>Ecological Indicators</i> , 2022, 136, 108600.	2.6	7
4196	Biotic alteration of benthic macroinvertebrate communities based on multispatial-scale environmental variables in a regulated river system of Kashmir Himalaya. <i>Ecological Engineering</i> , 2022, 177, 106560.	1.6	8
4197	Twenty years of China's water pollution control: Experiences and challenges. <i>Chemosphere</i> , 2022, 295, 133875.	4.2	137
4198	A novel modelling toolkit for unpacking the Water-Energy-Food-Environment (WEFE) nexus of agricultural development. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 159, 112182.	8.2	14
4199	Elemental Concentrations of Major and Trace Elements in the Spring Waters of the Arctic Region of Russia. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 8.	0.8	3
4200	An Earth system law perspective on governing social-hydrological systems in the Anthropocene. <i>Earth System Governance</i> , 2021, 10, 100120.	2.1	11
4201	Raphia-Microorganism Composite Biosorbent for Lead Ion Removal from Aqueous Solutions. <i>Materials</i> , 2021, 14, 7482.	1.3	19
4202	Global Groundwater Modeling and Monitoring: Opportunities and Challenges. <i>Water Resources Research</i> , 2021, 57, .	1.7	62
4203	Riparian Buffers and Land Cover Change. , 2021, , .		0
4204	Water Quality: Standards and Indicators. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2021, , 1-11.	0.0	0
4205	Modeling and calibration of a full-scale wastewater treatment plant using GPS-X model (A case study) Tj ETQq1 1 0,784314 rgBT /Overlo 0,3	0.3	5
4206	Preserving life on Earth. , 2022, , 503-602.		0
4208	Alleviation of Health Complaints Following Regular Consumption of Filtered Tap Water (AcalaQuell®) Is Independent from Placebo Effects. <i>International Journal of Public and Private Perspectives on Healthcare Culture and the Environment</i> , 2022, 6, 1-12.	0.2	0
4209	Societal Values and Other Human Dimensions in the Science and Management of Inland Waters: For Whom? By Whom?. , 2022, , .		0
4210	The structural evolution of 3D-RGO with reduction temperature and its effect on capacitive deionization performance. <i>Environmental Science: Water Research and Technology</i> , 2022, 8, 870-880.	1.2	2

#	ARTICLE	IF	CITATIONS
4229	Fungi in Freshwaters: Prioritising Aquatic Hyphomycetes in Conservation Goals. <i>Water (Switzerland)</i> , 2022, 14, 605.	1.2	12
4230	Massive crop expansion threatens agriculture and water sustainability in northwestern China. <i>Environmental Research Letters</i> , 2022, 17, 034003.	2.2	11
4231	Trends and status in resources security, ecological stability, and sustainable development research: a systematic analysis. <i>Environmental Science and Pollution Research</i> , 2022, 29, 50192-50207.	2.7	11
4232	Nitrogen Transport/Deposition from Paddy Ecosystem and Potential Pollution Risk Period in Southwest China. <i>Water (Switzerland)</i> , 2022, 14, 539.	1.2	3
4233	Assessment of recharge capacity potential of groundwater using comparative multi-criteria decision analysis approaches. <i>Journal of Chinese Geography</i> , 2022, 32, 735-756.	1.5	5
4234	Presenting a two-objective model to manage spatiotemporal pollution distribution in river with consideration of consumer demand. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 4459.	1.8	0
4235	Identifying Spatial Patterns and Ecosystem Service Delivery of Nature-Based Solutions. <i>Environmental Management</i> , 2022, 69, 735-751.	1.2	10
4236	Acute and chronic toxicities of prothioconazole and its metabolite prothioconazole-desthio in <i>Daphnia magna</i> . <i>Environmental Science and Pollution Research</i> , 2022, 29, 54467-54475.	2.7	5
4237	Effects of Climate and Anthropogenic Drivers on Surface Water Area in the Southeastern United States. <i>Water Resources Research</i> , 2022, 58, .	1.7	8
4238	Systematics, distribution, biology, and conservation of freshwater mussels (Bivalvia: Unionida) in China. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2022, 32, 859-895.	0.9	12
4239	Novel Sulfur-Containing Porous Organic Polymer as a Nanotrap for Rapid Removal of Mercury(II) from Environmental Waters. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 3694-3703.	1.8	8
4240	Flood characteristics and dynamics of sediment environment during Anthropocene: experience of the lower Damodar river, India. <i>Sustainable Water Resources Management</i> , 2022, 8, .	1.0	3
4241	One planet: one health. A call to support the initiative on a global science“policy body on chemicals and waste. <i>Environmental Sciences Europe</i> , 2022, 34, 21.	2.6	39
4242	Water quality characteristics, sources, and assessment of surface water in an industrial mining city, southwest of China. <i>Environmental Monitoring and Assessment</i> , 2022, 194, 259.	1.3	10
4243	A Hybrid DPSIR and Entropy-Weight-Based Uncertain Comprehensive Evaluation Method for Human-Water Harmony Assessment. <i>Water Resources Management</i> , 2022, 36, 1727.	1.9	4
4244	Quantifying synergies and trade-offs in the global water-land-food-climate nexus using a multi-model scenario approach. <i>Environmental Research Letters</i> , 2022, 17, 045004.	2.2	11
4245	An unsustainable level of take: on-farm storages and floodplain water harvesting in the northern Murray“Darling Basin, Australia. <i>Australian Journal of Water Resources</i> , 2022, 26, 43-58.	1.6	9
4246	Water-Food-Carbon Nexus Related to the Producer“Consumer Link: A Review. <i>Advances in Nutrition</i> , 2022, 13, 938-952.	2.9	6

#	ARTICLE	IF	CITATIONS
4247	Genotyping-in-Thousands by sequencing panel development and application for high-resolution monitoring of introgressive hybridization within sockeye salmon. <i>Scientific Reports</i> , 2022, 12, 3441.	1.6	2
4248	Effects of inundation on water quality and invertebrates in semiarid floodplain wetlands. <i>Inland Waters</i> , 2022, 12, 397-406.	1.1	0
4249	Do metapopulations and management matter for relict headwater bull trout populations in a warming climate?. <i>Ecological Applications</i> , 2022, 32, e2594.	1.8	8
4250	Diversity, distribution and extinction risk of native freshwater fishes of South Africa. <i>Journal of Fish Biology</i> , 2022, 100, 1044-1061.	0.7	16
4251	Managing Land Carrying Capacity: Key to Achieving Sustainable Production Systems for Food Security. <i>Land</i> , 2022, 11, 484.	1.2	61
4252	Participatory and Integrated Modelling under Contentious Water Use in Semiarid Basins. <i>Hydrology</i> , 2022, 9, 49.	1.3	7
4253	From legacy contamination to watershed systems science: a review of scientific insights and technologies developed through DOE-supported research in water and energy security. <i>Environmental Research Letters</i> , 2022, 17, 043004.	2.2	12
4254	Ageing Knowledge Structure in Global River Basins. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	0
4255	Spatiotemporal variations of total and dissolved trace elements and their distributions amongst major colloidal forms along and across the lower Athabasca River. <i>Journal of Hydrology: Regional Studies</i> , 2022, 40, 101029.	1.0	3
4256	Congruence and responsiveness in the taxonomic compositions of Amazonian aquatic macroinvertebrate and fish assemblages. <i>Hydrobiologia</i> , 2022, 849, 2281-2298.	1.0	5
4257	Comprehensive assessment of the water environment carrying capacity based on the spatial system dynamics model, a case study of Yongding River Basin in North China. <i>Journal of Cleaner Production</i> , 2022, 344, 131137.	4.6	24
4258	Global adaptation readiness and income mitigate sectoral climate change vulnerabilities. <i>Humanities and Social Sciences Communications</i> , 2022, 9, .	1.3	11
4259	Integrating water-related disaster and environment risks for evaluating spatial-temporal dynamics of water security in urban agglomeration. <i>Environmental Science and Pollution Research</i> , 2022, 29, 58240-58262.	2.7	4
4260	Groundwater quality evaluation for domestic and irrigation purposes for the Nwanedi Agricultural Community, Limpopo Province, South Africa. <i>Heliyon</i> , 2022, 8, e09203.	1.4	6
4261	A New Method for Long-Term River Discharge Estimation of Small- and Medium-Scale Rivers by Using Multisource Remote Sensing and RSHS: Application and Validation. <i>Remote Sensing</i> , 2022, 14, 1798.	1.8	8
4262	Modeling agricultural water-saving compensation policy: An ABM approach and application. <i>Journal of Cleaner Production</i> , 2022, 344, 131035.	4.6	7
4264	Metagenomic Characterization of Microbial Pollutants and Antibiotic- and Metal-Resistance Genes in Sediments from the Canals of Venice. <i>Water (Switzerland)</i> , 2022, 14, 1161.	1.2	5
4265	Cage transplant experiment shows weak transport effect on relative abundance of fish community composition as revealed by eDNA metabarcoding. <i>Ecological Indicators</i> , 2022, 137, 108785.	2.6	15

#	ARTICLE	IF	CITATIONS
4266	A review on water management issues: potential and challenges in Indonesia. <i>Sustainable Water Resources Management</i> , 2022, 8, 1.	1.0	1
4267	Advancing Sustainable Development Goals with localised nature-based solutions: Opportunity spaces in the Lahn river landscape, Germany. <i>Journal of Environmental Management</i> , 2022, 309, 114696.	3.8	14
4268	Ecological connectivity of the upper RhÃne River: Upstream fish passage at two successive large hydroelectric dams for partially migratory species. <i>Ecological Engineering</i> , 2022, 178, 106545.	1.6	9
4269	Rapid surface water expansion due to increasing artificial reservoirs and aquaculture ponds in North China Plain. <i>Journal of Hydrology</i> , 2022, 608, 127637.	2.3	21
4270	Multi-scale threat assessment of riverine ecosystems in the Colorado River Basin. <i>Ecological Indicators</i> , 2022, 138, 108840.	2.6	11
4271	Mapping the spatial distribution of global mariculture production. <i>Aquaculture</i> , 2022, 553, 738066.	1.7	20
4272	Spatio-temporal variability and trend of water footprints in the upper Awash basin, central Ethiopia. <i>Journal of Hydrology</i> , 2022, 608, 127686.	2.3	6
4273	Spatiotemporal variations in surface water and its significance to desertification in China from 2000 to 2019. <i>Catena</i> , 2022, 213, 106182.	2.2	6
4274	Recent development of double chamber microbial fuel cell for hexavalent chromium waste removal. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107505.	3.3	31
4275	Prioritizing streams: The impacts of in-kind mitigation rules on an ecosystem offset market. <i>Environmental Science and Policy</i> , 2022, 132, 131-141.	2.4	3
4276	Water-Insoluble Cyclodextrin-based nanocubes for highly efficient adsorption toward diverse organic and inorganic pollutants. <i>Separation and Purification Technology</i> , 2022, 291, 120970.	3.9	12
4277	Automatic labeling of river restoration project documents based on project objectives and restoration methods. <i>Expert Systems With Applications</i> , 2022, 197, 116754.	4.4	5
4278	Evaluation of water quality using a Takagi-Sugeno fuzzy neural network and determination of heavy metal pollution index in a typical site upstream of the Yellow River. <i>Environmental Research</i> , 2022, 211, 113058.	3.7	30
4279	Urban water security: A comparative assessment and policy analysis of five cities in diverse developing countries of Asia. <i>Environmental Development</i> , 2022, 43, 100713.	1.8	26
4280	The effects of hydrology on macroinvertebrate traits in river channel and wetland habitats. <i>Aquatic Ecosystem Health and Management</i> , 2021, 24, 93-102.	0.3	0
4281	CoÅtei Hydrographic Diversion Node, a Historical Environment Quality and Biological Resources Accessibility Game Changer; Anthropogenic Induced Problems and Sustainable Solutions â An Ichthyologic Perspective. <i>Transylvanian Review of Systematical and Ecological Research</i> , 2021, 23, 87-114.	0.9	2
4282	Turning Water Abundance Into Sustainability in Brazil. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	5
4283	Formulation of Water Sustainability Index for India as a performance gauge for realizing the United Nations Sustainable Development Goal 6. <i>Ambio</i> , 2022, 51, 1569-1587.	2.8	7

#	ARTICLE	IF	CITATIONS
4284	Constructing a Solar Evaporator with Salt-Collecting Paper by Stacking Hydrophilic Sponges for Freshwater Production and Salt Collection. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 668-676.	4.0	15
4285	Addressing Water Security: An Overview. <i>Sustainability</i> , 2021, 13, 13702.	1.6	7
4286	Hard times for catadromous fish: the case of the European eel (<i>Anguilla anguilla</i> , L. 1758). <i>Advances in Oceanography and Limnology</i> , 2021, 12, .	0.2	7
4287	Editorial: Advances in Biomonitoring for the Sustainability of Vulnerable African Riverine Ecosystems. <i>Frontiers in Water</i> , 2021, 3, .	1.0	2
4289	Putting the "Beaver" Back in Beverley Brook: Rapid Shifts in Community Composition following the Restoration of a Degraded Urban River. <i>Water (Switzerland)</i> , 2021, 13, 3530.	1.2	3
4290	Selected Issues of Adaptive Water Management on the Example of the BiaÅka River Basin. <i>Water (Switzerland)</i> , 2021, 13, 3540.	1.2	2
4291	Operationalizing Water Security Concept in Water Investment Planning: Case Study of São Francisco River Basin. <i>Water (Switzerland)</i> , 2021, 13, 3658.	1.2	4
4292	River Corridor Mapping and Monitoring Using Geospatial Technology. , 2022, , 329-339.		2
4293	Proposals for improvement of Annex I of Directive 92/43/EEC: Central Italy. <i>Plant Sociology</i> , 2021, 58, 99-118.	0.9	7
4294	Diversity in the observed functionality of dams and reservoirs. <i>Environmental Research: Infrastructure and Sustainability</i> , 2021, 1, 031003.	0.9	3
4295	Improvement of Dissolved Oxygen in Perlis River based on Various Aeration Systems. <i>Journal of Physics: Conference Series</i> , 2021, 2129, 012103.	0.3	0
4296	Past, Current and Future of Fish Diversity in the Alakol Lakes (Central Asia: Kazakhstan). <i>Diversity</i> , 2022, 14, 11.	0.7	6
4297	Application of AMOGWO in Multi-Objective Optimal Allocation of Water Resources in Handan, China. <i>Water (Switzerland)</i> , 2022, 14, 63.	1.2	0
4298	Assessing the Effects of Multiple Stressors on Aquatic Systems across Temporal and Spatial Scales: From Measurement to Management. <i>Water (Switzerland)</i> , 2021, 13, 3549.	1.2	3
4299	ĐžŃ†Ń–Đ½Đ°Đ° Đ¹ Đ°Đ½Đ°Đ»Ń–Đ. Ń€ĐµŃŃfŃ€ŃĐ¾Đ¾Ń%Đ°Đ½Đ¾ŃŃ,Ń– Đ²Đ¾Đ¾Đ¾Đ¾Ń€Đ,ŃŃ,ŃfĐ²Đ°Đ½Đ½Ń•Đ² Ń		
4300	A LITERATURE REVIEW OF THE "RIVER CULTURE" APPROACH TOWARD COOPERATION BETWEEN RIVER MANAGEMENT AND LOCAL REVITALIZATION. <i>Journal of Japan Society of Civil Engineers Ser D3 (Infrastructure Planning and Management)</i> , 2022, 78, II_556-II_573.	0.0	1
4301	Assessment of Adjacency Correction over Inland Waters Using Sentinel-2 MSI Images. <i>Remote Sensing</i> , 2022, 14, 1829.	1.8	8
4302	Prioritizing conservation in sub-Saharan African lakes based on freshwater biodiversity and algal bloom metrics. <i>Conservation Biology</i> , 2022, 36, .	2.4	4

#	ARTICLE	IF	CITATIONS
4304	Reduced genetic diversity of freshwater amphipods in rivers with increased levels of anthropogenic organic micropollutants. <i>Evolutionary Applications</i> , 2022, 15, 976-991.	1.5	7
4305	<scp>DNA</scp>-based assessment of environmental degradation in an unknown fauna: The freshwater macroinvertebrates of the <scp>Indo-Burmese</scp> hotspot. <i>Journal of Applied Ecology</i> , 2022, 59, 1644-1658.	1.9	2
4306	Reassessing fish diversity of Penang Island's freshwaters (northwest Peninsular Malaysia) through a molecular approach raises questions on its conservation status. <i>Biodiversity and Conservation</i> , 0, , 1.	1.2	0
4307	Water Resources in Africa under Global Change: Monitoring Surface Waters from Space. <i>Surveys in Geophysics</i> , 2023, 44, 43-93.	2.1	38
4308	Individual small in-stream barriers contribute little to strong local population genetic structure five strictly aquatic macroinvertebrate taxa. <i>Ecology and Evolution</i> , 2022, 12, e8807.	0.8	6
4309	Water security determines social attitudes about dams and reservoirs in South Europe. <i>Scientific Reports</i> , 2022, 12, 6148.	1.6	10
4311	Novel catalytic self-cleaning membrane with peroxymonosulfate activation for dual-function wastewater purification: Performance and mechanism. <i>Journal of Cleaner Production</i> , 2022, 355, 131858.	4.6	49
4312	Potential Environmental Impacts of Peanut Using Water Footprint Assessment: A Case Study in Georgia. <i>Agronomy</i> , 2022, 12, 930.	1.3	2
4313	Research on water resources carrying capacity evaluation based on innovative RCC method. <i>Ecological Indicators</i> , 2022, 139, 108876.	2.6	7
4314	Zn/Co-ZIFs@MIL-101(Fe) metal-organic frameworks are effective photo-Fenton catalysts for RhB removal. <i>Separation and Purification Technology</i> , 2022, 293, 121099.	3.9	46
4315	Spatiotemporal variations in evapotranspiration and its influencing factors in the semiarid Hailar river basin, Northern China. <i>Environmental Research</i> , 2022, 212, 113275.	3.7	7
4321	Status of metal pollution in rivers flowing through urban settlements at Pune and its effect on resident microflora. , 2016, 71, 494.		0
4339	Increased Food Availability Reducing the Harmful Effects of Microplastics Strongly Depends on the Size of Microplastics. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
4340	Enhancing whole-of-river conservation. <i>Marine and Freshwater Research</i> , 2022, 73, 729-741.	0.7	2
4342	Does It Hold Water?. <i>Advances in Public Policy and Administration</i> , 2022, , 219-232.	0.1	0
4343	Assessing placement bias of the global river gauge network. <i>Nature Sustainability</i> , 2022, 5, 586-592.	11.5	51
4344	Assessment of household water consumption during COVID-19 pandemic: a cross-sectional web-based study in India. <i>Sustainable Water Resources Management</i> , 2022, 8, 78.	1.0	7
4345	Exploring the socioeconomic determinants of water security in developing regions. <i>Water Policy</i> , 2022, 24, 608-625.	0.7	4

#	ARTICLE	IF	CITATIONS
4346	The relationship between ecosystem services and human modification displays decoupling across global delta systems. <i>Communications Earth & Environment</i> , 2022, 3, .	2.6	11
4347	Observed Changes in Crop Yield Associated with Droughts Propagation via Natural and Human-Disturbed Agro-Ecological Zones of Pakistan. <i>Remote Sensing</i> , 2022, 14, 2152.	1.8	10
4348	Capturing Stakeholdersâ€™ Challenges of the Foodâ€“Waterâ€“Energy Nexusâ€“A Participatory Approach for Pune and the Bhima Basin, India. <i>Sustainability</i> , 2022, 14, 5323.	1.6	6
4350	In Situ Growth of Nitrogen-Doped Carbon Nanotubes Based on Hierarchical Ni@C Microspheres for High Efficiency Bisphenol A Removal through Peroxymonosulfate Activation. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 21371-21382.	4.0	15
4351	Responses of Macroinvertebrate Assemblages to Flow in the Qinghaiâ€“Tibet Plateau: Establishment and Application of a Multiâ€“Metric Habitat Suitability Model. <i>Water Resources Research</i> , 2022, 58, .	1.7	11
4352	Rational Design of High-Performance Cationic Organic Network Adsorbents. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 23868-23876.	4.0	5
4353	A general lack of complete inventories for aquatic beetles in Morocco. <i>Journal of Insect Conservation</i> , 2023, 27, 75-85.	0.8	2
4354	A Geo Spatial Approaches for Integrated Watershed Management (IWM) Case Study of Boni Mukundaraju Cheruvu, Andhra Pradesh, India. <i>International Journal of Recent Technology and Engineering</i> , 2022, 11, 96-102.	0.2	0
4355	Green roof irrigation management based on substrate water potential assures water saving without affecting plant physiological performance. <i>Ecohydrology</i> , 0, , .	1.1	1
4356	Large-Scale Surface Water Mapping Based on Landsat and Sentinel-1 Images. <i>Water (Switzerland)</i> , 2022, 14, 1454.	1.2	22
4357	Watershed Ecohydrological Processes in a Changing Environment: Opportunities and Challenges. <i>Water (Switzerland)</i> , 2022, 14, 1502.	1.2	27
4358	Dynamic quantile regression for trend analysis of streamflow time series. <i>River Research and Applications</i> , 2022, 38, 1051-1060.	0.7	2
4359	Resilience Analysis Framework for a Waterâ€“Energyâ€“Food Nexus System Under Climate Change. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	6
4360	Integrating ecosystem benefits for sustainable water allocation in hydroeconomic modeling. <i>PLoS ONE</i> , 2022, 17, e0267439.	1.1	7
4361	Macroinvertebrate Assemblages along the Longitudinal Gradient of an Urban Palmiet River in Durban, South Africa. <i>Biology</i> , 2022, 11, 705.	1.3	1
4362	Market surveys and social media provide confirmation of the endangered giant freshwater whipray <i>Urogymnus polylepis</i> in Myanmar. <i>Journal of Fish Biology</i> , 2022, 101, 302-307.	0.7	5
4363	Threshold constraints on the size, shape and stability of alluvial rivers. <i>Nature Reviews Earth & Environment</i> , 2022, 3, 406-419.	12.2	20
4364	Geopolitics of water securitisation in Central Asia. <i>Geo Journal</i> , 2023, 88, 897-916.	1.7	2

#	ARTICLE	IF	CITATIONS
4365	Global congruence of riverine fish species richness and human presence. <i>Global Ecology and Biogeography</i> , 2022, 31, 1501-1512.	2.7	5
4366	Unregulated discharge of wastewater in the Mahanadi River Basin: Risk evaluation due to occurrence of polycyclic aromatic hydrocarbon in surface water and sediments. <i>Marine Pollution Bulletin</i> , 2022, 179, 113686.	2.3	72
4367	Seawater electrolysis technologies for green hydrogen production: challenges and opportunities. <i>Current Opinion in Chemical Engineering</i> , 2022, 36, 100827.	3.8	47
4368	Quantifying global agricultural water appropriation with data derived from earth observations. <i>Journal of Cleaner Production</i> , 2022, 358, 131891.	4.6	27
4369	Hydrogeomorphic advancements in river science for water security in India. <i>Water Security</i> , 2022, 16, 100118.	1.2	3
4370	Uncovering overlooked diversity using molecular phylogenetic approach: A case of Japanese sphaeriid clams (<i>Bivalvia: Sphaeriidae</i>). <i>Molecular Phylogenetics and Evolution</i> , 2022, 173, 107508.	1.2	5
4371	Determination of particle-bound nutrients and micropollutants concentrations and loads in small rivers – A novel sampling method. <i>Limnologia</i> , 2023, 98, 125991.	0.7	1
4372	Assessment of variations in metal concentrations of the Ganges River water by using multivariate statistical techniques. <i>Limnologia</i> , 2022, 95, 125989.	0.7	9
4373	El Observatorio del Agua para el Estado de Veracruz, OABCC (Agua, Bosques, Cuencas y Costas). <i>UVserva</i> , 2016, , .	0.0	1
4374	Pumped Storage Hydropower for Sustainable and Low-Carbon Electricity Grids in Pacific Rim Economies. <i>Energies</i> , 2022, 15, 3139.	1.6	10
4375	A global synthesis of human impacts on the multifunctionality of streams and rivers. <i>Global Change Biology</i> , 2022, 28, 4783-4793.	4.2	21
4376	Spatial priorities for freshwater biodiversity conservation in light of catchment protection and connectivity in Europe. <i>PLoS ONE</i> , 2022, 17, e0267801.	1.1	10
4377	The grey water footprint of milk due to nitrate leaching from dairy farms in Canterbury, New Zealand. <i>Australasian Journal of Environmental Management</i> , 2022, 29, 177-199.	0.6	6
4378	Ecological risk and machine learning based source analyses of trace metals in typical surface water. <i>Science of the Total Environment</i> , 2022, 838, 155944.	3.9	4
4379	Establishing and using a genetic database for resolving identification of fish species in the Sea of Galilee, Israel. <i>PLoS ONE</i> , 2022, 17, e0267021.	1.1	4
4380	Microbial metabolism of aromatic pollutants: High-throughput OMICS and metabolic engineering for efficient bioremediation. , 2022, , 151-199.		1
4381	Section introduction: Human Pressures and Management of Inland Waters. , 2022, , 1-8.		0
4382	Micellar Polymer Magnetic Microrobots as Efficient Nerve Agent Microcleaners. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 26128-26134.	4.0	5

#	ARTICLE	IF	CITATIONS
4383	Investigating the spatial variability of water security risk and its driving mechanisms in China using machine learning. <i>Journal of Cleaner Production</i> , 2022, 362, 132303.	4.6	4
4384	Water-Energy-Food Nexus: Linking Global to Local. <i>Trends in the Sciences</i> , 2022, 27, 1_28-1_34.	0.0	0
4385	Eutrophication changes community composition and drives nestedness of benthic diatoms from coastal streams. <i>Acta Limnologica Brasiliensia</i> , 0, 34, .	0.4	1
4386	Titanium-based photocatalytic coatings for bacterial disinfection: The shift from suspended powders to catalytic interfaces. <i>Surfaces and Interfaces</i> , 2022, 32, 102078.	1.5	9
4387	Features that matter: studying how phytoplankton drives zooplankton community functional traits. <i>Hydrobiologia</i> , 2022, 849, 2647-2662.	1.0	8
4388	Vortex-Fluidic-Mediated Fabrication of Polysulfone Ultrafiltration Membranes Incorporating Graphene Oxide. <i>ACS Applied Polymer Materials</i> , 2022, 4, 4131-4143.	2.0	2
4389	Insights into plant biodiversity conservation in large river valleys in China: A spatial analysis of species and phylogenetic diversity. <i>Ecology and Evolution</i> , 2022, 12, .	0.8	2
4390	Shifts in the bacterial community caused by combined pollutant loads in the North Canal River, China. <i>Journal of Environmental Sciences</i> , 2023, 127, 541-551.	3.2	6
4392	Implementation perspectives of solar energy irrigation policy in water deficient regions: A case of Rajasthan state in India. <i>Local Economy</i> , 0, , 026909422210994.	0.8	0
4393	Groundwater Extraction Reduction within an Irrigation District by Enhancing the Surface Water Distribution. <i>Water (Switzerland)</i> , 2022, 14, 1610.	1.2	4
4394	Determination of key parameters in water quality monitoring of the most sediment-laden Yellow River based on water quality index. <i>Chemical Engineering Research and Design</i> , 2022, 164, 249-259.	2.7	18
4395	Water Shortages: Cause of Water Safety in Sub-Saharan Africa. , 0, , .		4
4396	Optimal Channel Networks accurately model ecologically-relevant geomorphological features of branching river networks. <i>Communications Earth & Environment</i> , 2022, 3, .	2.6	8
4397	Sustainable agricultural production, income, and <scp>eco labeling</scp>: What can be learned from a modern Ricardian approach?. <i>Applied Economic Perspectives and Policy</i> , 2022, 44, 1614-1636.	3.1	1
4398	Uncovering the influence of hydrological and climate variables in chlorophyll-A concentration in tropical reservoirs with machine learning. <i>Environmental Science and Pollution Research</i> , 2022, 29, 74967-74982.	2.7	10
4399	Anti(-bio)fouling Nanostructured Membranes Based on the Cross-Linked Assembly of Stimuli-Responsive Zwitterionic Microgels. <i>ACS Applied Polymer Materials</i> , 2022, 4, 4719-4733.	2.0	10
4400	Multi-scale ecological operation model of reservoir group coupled with ecological infiltration irrigation. <i>Agricultural Water Management</i> , 2022, 270, 107723.	2.4	1
4401	Pesticides drive differential leaf litter decomposition and mosquito colonisation dynamics in lentic conditions. <i>Science of the Total Environment</i> , 2022, 839, 156320.	3.9	1

#	ARTICLE	IF	CITATIONS
4403	Metal-Organic Frameworks for Water Decontamination and Reuse. ACS Symposium Series, 0, , 193-215.	0.5	2
4404	Threats and consequences of untreated wastewater on freshwater environments. , 2022, , 1-26.		1
4406	How threats inform conservation planning? A systematic review protocol. PLoS ONE, 2022, 17, e0269107.	1.1	3
4407	Effect of Biodegradable Multiple Pesticides on Aquatic Biospecies. , 0, , .		0
4408	Fatty acid composition of macroinvertebrate scrapers in relation to environmental conditions in subtropical mountain streams. Environmental Science and Pollution Research, 2022, 29, 81037-81047.	2.7	2
4409	Identifying habitat preferences and core areas of Amazon River dolphin activity using spatial ecology analysis. Landscape Ecology, 0, , .	1.9	3
4410	Projected Effects of Temperature and Precipitation Variability Change on Streamflow Patterns Using a Functional Flows Approach. Earth's Future, 2022, 10, .	2.4	7
4411	Climate warming shortens ice durations and alters freeze and break-up patterns in Swedish water bodies. Cryosphere, 2022, 16, 2493-2503.	1.5	8
4412	Inundation prediction in tropical wetlands from JULES-CaMa-Flood global land surface simulations. Hydrology and Earth System Sciences, 2022, 26, 3151-3175.	1.9	3
4413	Strategic comparison of membrane-assisted and membrane-less water electrolyzers and their potential application in direct seawater splitting (DSS). Green Energy and Environment, 2023, 8, 989-1005.	4.7	15
4414	Detailed analysis of habitat suitability curves for macroinvertebrates and functional feeding groups. Scientific Reports, 2022, 12, .	1.6	4
4415	FutureStreams, a global dataset of future streamflow and water temperature. Scientific Data, 2022, 9, .	2.4	14
4416	Enhancing the value of water: the need to start from somewhere else. Australian Journal of Water Resources, 0, , 1-6.	1.6	1
4417	Evidence of alternative trophic pathways for fish consumers in a large river system in the face of invasion. River Research and Applications, 0, , .	0.7	0
4418	Population genetics reveals bidirectional fish movement across the Continental Divide via an interbasin water transfer. Conservation Genetics, 0, , .	0.8	0
4419	Spatially explicit risk mapping reveals direct anthropogenic impacts on migratory birds. Global Ecology and Biogeography, 2022, 31, 1707-1725.	2.7	9
4420	Water quality assessment of east Tiaoxi River, China, based on a comprehensive water quality index model and Monte-Carlo simulation. Scientific Reports, 2022, 12, .	1.6	2
4421	Flow variation at multiple scales filters fish life histories and constrains community diversity in desert streams. Ecosphere, 2022, 13, .	1.0	3

#	ARTICLE	IF	CITATIONS
4422	Preferred Attributes for Sustainable Wetland Management in Mpologoma Catchment, Uganda: A Discrete Choice Experiment. <i>Land</i> , 2022, 11, 962.	1.2	0
4423	Natural and anthropogenic factors drive large-scale freshwater fish invasions. <i>Scientific Reports</i> , 2022, 12, .	1.6	6
4424	Rainwater harvesting for domestic use: A systematic review and outlook from the utility policy and management perspectives. <i>Utilities Policy</i> , 2022, 77, 101383.	2.1	14
4425	Increased food availability reducing the harmful effects of microplastics strongly depends on the size of microplastics. <i>Journal of Hazardous Materials</i> , 2022, 437, 129375.	6.5	12
4426	Consensus-Based Fuzzy Group Decision-Making Framework for Tailoring Good Water Governance to the Context: A Case Study of Sistan, Iran. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2022, 148, .	1.3	1
4427	Autochthonous sources and drought conditions drive anomalous oxygen-consuming pollution increase in a sluice-controlled reservoir in eastern China. <i>Science of the Total Environment</i> , 2022, 841, 156739.	3.9	3
4428	Urban Water Deficit in Sub-Saharan African Cities. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2022, , 658-668.	0.0	0
4429	Anthropogenic Influence on Terrestrial Hydrology. , 2022, , 283-298.		2
4432	Anion extractants constructed by macrocycle-based anion recognition. <i>Journal of Materials Chemistry A</i> , 2022, 10, 15297-15308.	5.2	11
4435	Satellite Observations of Terrestrial Water Storage. , 2022, , 331-386.		2
4437	Global Freshwater Systems. , 2022, , 19-32.		2
4438	Water Quality and Protection at Source. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2022, , 840-850.	0.0	0
4439	Can fisheries bioenergetics modelling refine spatially explicit assessments of climate change vulnerability?. , 2022, 10, .		3
4440	Types of Traditional Cultural Landscapes Throughout the World. <i>Landscape Series</i> , 2022, , 19-76.	0.1	1
4441	Water Quality: Standards and Indicators. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2022, , 851-860.	0.0	0
4442	Rivers under pressure: Interdisciplinary feasibility analysis of sustainable hydropower. <i>Environmental Policy and Governance</i> , 2023, 33, 191-205.	2.1	1
4443	Weighted stream temperature tolerance index is insensitive to changes in stream fish composition. <i>Freshwater Science</i> , 2022, 41, 386-397.	0.9	2
4444	Sense of Place in Spatial Planning: Applying Instrumental and Deliberative Approaches at the River Lahn. <i>Landscape Online</i> , 0, , 1100.	0.0	1

#	ARTICLE	IF	CITATIONS
4445	A comprehensive DNA barcode inventory of Austria's fish species. <i>PLoS ONE</i> , 2022, 17, e0268694.	1.1	2
4446	Diversity of Fisheries in Sarawak, Northwest Borneo: Present Status and Conservation Issues. <i>Borneo Journal of Resource Science and Technology</i> , 2022, 12, 32-51.	0.3	1
4447	Revision and manipulation of physical models as tools for developing the aquifer model by Preservice Elementary Teachers. <i>International Journal of Science Education</i> , 0, , 1-23.	1.0	1
4449	When the Eel Meets Dams: Larger Dams' Long-Term Impacts on <i>Anguilla anguilla</i> (L., 1758). <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	7
4450	Land use effects on water quality, habitat, and macroinvertebrate and diatom communities in African highland streams. <i>Science of the Total Environment</i> , 2022, 846, 157346.	3.9	10
4451	Riverine bacterioplankton and phytoplankton assembly along an environmental gradient induced by urbanization. <i>Limnology and Oceanography</i> , 2022, 67, 1943-1958.	1.6	21
4452	Multi-Category Segmentation of Sentinel-2 Images Based on the Swin UNet Method. <i>Remote Sensing</i> , 2022, 14, 3382.	1.8	15
4453	Persimmon tannin-modified graphitic carbon nitride as a bioadsorbent for methyl orange removal through CCD-RSM design. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 11347-11360.	1.8	1
4454	Coupling solar-driven interfacial evaporation with forward osmosis for continuous water treatment. <i>Exploration</i> , 2022, 2, .	5.4	29
4455	Globally widespread and increasing violations of environmental flow envelopes. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 3315-3336.	1.9	11
4456	Assessment and inventory of Odonata (Insecta) and water quality parameters of the Abaa, Malaika, and Isokun rivers in south-western Nigeria. , 0, , .		0
4457	Separating natural from human enhanced methane emissions in headwater streams. <i>Nature Communications</i> , 2022, 13, .	5.8	6
4458	A pillar[5]arene-based crosslinked polymer material for selective adsorption of organic dyes. <i>Dyes and Pigments</i> , 2022, 206, 110576.	2.0	12
4459	Geographic pattern of phytoplankton community and their drivers in lakes of middle and lower reaches of Yangtze River floodplain, China. <i>Environmental Science and Pollution Research</i> , 0, , .	2.7	3
4460	Au Nanoparticles in Silsesquioxane-Based Hybrid Networks by Simultaneous Recovery and Reduction of Au(III) in Wastewater. <i>ACS Applied Nano Materials</i> , 2022, 5, 9861-9870.	2.4	12
4461	Effects of return flows on stream water quality and availability in the Upper Colorado, Delaware, and Illinois River Basins. , 2022, 1, e0000030.		1
4462	Spatial sampling design optimization of monitoring network for terrestrial ecosystem in China. <i>Science of the Total Environment</i> , 2022, 847, 157397.	3.9	2
4463	Public willingness to pay for eradicating a harmful marine organism: the case of <i>Aurelia aurita</i> in South Korea. <i>Environmental Science and Pollution Research</i> , 2022, 29, 88839-88851.	2.7	1

#	ARTICLE	IF	CITATIONS
4464	Fire Aerosols Slow Down the Global Water Cycle. <i>Journal of Climate</i> , 2022, 35, 7219-7233.	1.2	1
4465	Bioinspired asymmetric amphiphilic surface for triboelectric enhanced efficient water harvesting. <i>Nature Communications</i> , 2022, 13, .	5.8	116
4466	Optimization of water quality monitoring programs by data mining. <i>Water Research</i> , 2022, 221, 118805.	5.3	12
4467	River habitat assessment and restoration in high dam flood discharge systems with total dissolved gas supersaturation. <i>Water Research</i> , 2022, 221, 118833.	5.3	11
4468	Predicting soybean evapotranspiration and crop water productivity for a tropical environment using the CSM-CROPGRO-Soybean model. <i>Agricultural and Forest Meteorology</i> , 2022, 323, 109075.	1.9	3
4469	Land use, climate, and water change in the Vietnamese Mekong Delta (VMD) using earth observation and hydrological modeling. <i>Journal of Hydrology: Regional Studies</i> , 2022, 42, 101132.	1.0	7
4470	Water supply scenarios of agricultural areas: Environmental performance through Territorial Life Cycle Assessment. <i>Journal of Cleaner Production</i> , 2022, 366, 132862.	4.6	10
4471	Land use, hydrology, and climate influence water quality of China's largest river. <i>Journal of Environmental Management</i> , 2022, 318, 115581.	3.8	14
4472	Using drones and citizen science counts to track colonial waterbird breeding, an indicator for ecosystem health on the Chobe River, Botswana. <i>Global Ecology and Conservation</i> , 2022, 38, e02231.	1.0	3
4473	Assessment of Groundwater Quality under Changing Climate in Ngorongoro Conservation Area, Tanzania. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2022, 148, .	0.6	3
4474	Nitrogen loadings affect trophic structure in stream food webs on the Tibetan Plateau, China. <i>Science of the Total Environment</i> , 2022, 844, 157018.	3.9	5
4475	Hydropeaking impacts on riverine plants downstream from the world's largest hydropower dam, the Three Gorges Dam. <i>Science of the Total Environment</i> , 2022, 845, 157137.	3.9	4
4476	Terrestrial protected areas do not fully shield their streams from exogenous stressors. <i>Environmental Conservation</i> , 2022, 49, 215-224.	0.7	2
4477	Porous Photo-Fenton Catalysts Rapidly Triggered by Levodopa-Based Mussel-Inspired Coatings for Enhanced Dye Degradation and Sterilization. <i>Langmuir</i> , 2022, 38, 9587-9596.	1.6	5
4478	The hole is deeper: description of two new species within the <i>Parastacus brasiliensis</i> (von Martens.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.2	2
4479	Evaluation of river ecological status in the plain river network area in the context of urbanization: A case study of 21 Riversâ€™ ecological status in Jiangsu Province, China. <i>Ecological Indicators</i> , 2022, 142, 109172.	2.6	11
4480	Waterway carrying capacity assessment: Model development and application in the lower Yangtze River, China. <i>Ecological Indicators</i> , 2022, 142, 109177.	2.6	2
4481	50 Years of the Water-Flow Variance in TucuruÃ-Reservoir Related with Brazilian Energy Consumption. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
4482	Phytoremediation of dye-containing wastewater. , 2022, , 197-222.		1
4483	A Study on Evaluation Method and Urban Water Security, Integrated Urban Water Management. European Journal of Science and Technology, 0, , .	0.5	0
4484	The West Kunlun Glacier Anomaly and Its Response to Climate Forcing during 2002â€“2020. Remote Sensing, 2022, 14, 3465.	1.8	2
4485	A synthesis of 15â€“years of instream woody habitat management: Progress towards benchmarks and assessing fish responses. Freshwater Biology, 2022, 67, 1739-1751.	1.2	0
4486	Spatialâ€“temporal distribution, occurrence, water quality, and risk assessment of trace elements in ten rivers surrounding Chaohu Lake in China. Environmental Geochemistry and Health, 0, , .	1.8	0
4487	Health risk-based prioritization approaches of pharmaceuticals in the Upper Citarum River Basin. IOP Conference Series: Earth and Environmental Science, 2022, 1065, 012064.	0.2	2
4488	How Can We Identify Active, Former, and Potential Floodplains? Methods and Lessons Learned from the Danube River. Water (Switzerland), 2022, 14, 2295.	1.2	4
4489	Developing Indicators of Nutrient Pollution in Streams Using 16S rRNA Gene Metabarcoding of Periphyton-Associated Bacteria. Water (Switzerland), 2022, 14, 2361.	1.2	2
4490	Application of remote sensing and GIS integration for analysing of water zone: a case study from the Aydarkul-Arnasay-Tuzkon lake system (AATLS), Uzbekistan. IOP Conference Series: Earth and Environmental Science, 2022, 1068, 012046.	0.2	1
4491	Larval fish sensitivity to a simulated cold-water pulse varies between species and age. Journal of Limnology, 0, 81, .	0.3	1
4492	Hydrological Regime and Fish Predation Regulate the Zooplankton Community Size Structure in a Tropical Floodplain Lake. Water (Switzerland), 2022, 14, 2518.	1.2	2
4494	Enhanced ciprofloxacin degradation via photo-activated persulfate using the effluent of a large wastewater treatment plant. Topics in Catalysis, 2022, 65, 1128-1138.	1.3	3
4495	Implementation and application of an urban pollutant load modelling tool within an ecosystem services assessment modelling framework to assess water purification capabilities of blue-green infrastructure under climate change. Urban Water Journal, 0, , 1-17.	1.0	0
4496	Crosstalk between Growth and Osmoregulation of GHRH-SST-GH-IGF Axis in Triploid Rainbow Trout (<i>Oncorhynchus mykiss</i>). International Journal of Molecular Sciences, 2022, 23, 8691.	1.8	3
4497	SEDIMENT SUPPLY CONTROL ON MORPHODYNAMIC PROCESSES IN GRAVELâ€“BED RIVER WIDENINGS. Earth Surface Processes and Landforms, 0, , .	1.2	3
4498	Regime shifts, trends, and variability of lake productivity at a global scale. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	31
4499	The invasion and impacts of the African sharptooth catfish (<i>Clariidae: <i>Clarias gariepinus</i></i>) in the Malay Peninsula. Freshwater Biology, 2022, 67, 1925-1937.	1.2	3
4500	Synergistically enhanced activity and stability of bifunctional nickel phosphide/sulfide heterointerface electrodes for direct alkaline seawater electrolysis. Journal of Energy Chemistry, 2022, 75, 66-73.	7.1	59

#	ARTICLE	IF	CITATIONS
4501	River culture: How socio-ecological linkages to the rhythm of the waters develop, how they are lost, and how they can be regained. <i>Geographical Journal</i> , 0, , .	1.6	7
4502	Improving governance outcomes for water quality: Insights from participatory social network analysis for chalk stream catchments in England. <i>People and Nature</i> , 2022, 4, 1352-1368.	1.7	1
4503	Identifying priority aquatic refuges to sustain freshwater biodiversity in intermittent streams in eastern Australia. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2022, 32, 1584-1595.	0.9	4
4504	Inequality of household water security follows a Development Kuznets Curve. <i>Nature Communications</i> , 2022, 13, .	5.8	9
4505	Evidence-based Risk Assessment of Ecological Damage due to Groundwater Abstraction; the Case of Doñana Natural Space, Spain. <i>Wetlands</i> , 2022, 42, .	0.7	6
4506	Spatio-temporal variability of eDNA signal and its implication for fish monitoring in lakes. <i>PLoS ONE</i> , 2022, 17, e0272660.	1.1	7
4507	The Dammed and the Saved: a Conservation Triage Framework for Wetlands under Climate Change in the Murray-Darling Basin, Australia. <i>Environmental Management</i> , 2022, 70, 549-564.	1.2	5
4508	The impact of dams on the population viability of a migratory fish in the Yangtze River, China. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2022, 32, 1509-1519.	0.9	5
4509	Appraisal of Water Security in Asia: The Pentagonal Framework for Efficient Water Resource Management. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 8307.	1.3	0
4510	Electrolyte Engineering for Oxygen Evolution Reaction Over Non-Noble Metal Electrodes Achieving High Current Density in the Presence of Chloride Ion. <i>ChemSusChem</i> , 2022, 15, .	3.6	13
4511	Blue and Green Water Footprint of Agro-Industrial Avocado Production in Central Mexico. <i>Sustainability</i> , 2022, 14, 9664.	1.6	3
4512	The impacts of hydropower on freshwater macroinvertebrate richness: A global meta-analysis. <i>PLoS ONE</i> , 2022, 17, e0273089.	1.1	4
4513	Achieving sustainable water and land use systems in highly developed tropical landscapes. <i>Environmental Research Letters</i> , 0, , .	2.2	0
4514	Siltation of Small Water Reservoir under Climate Change: A Case Study from Forested Mountain Landscape of Western Carpathians, Slovakia. <i>Water (Switzerland)</i> , 2022, 14, 2606.	1.2	2
4515	Is the "water tower" reassuring? Viewing water security of Qinghai-Tibet Plateau from the perspective of ecosystem services "supply-flow-demand". <i>Environmental Research Letters</i> , 2022, 17, 094043.	2.2	9
4516	Citizen scientist monitoring accurately reveals nutrient pollution dynamics in Lake Tanganyika coastal waters. <i>Environmental Monitoring and Assessment</i> , 2022, 194, .	1.3	3
4517	Rapid and Efficient Removal of Diverse Anionic Water Contaminants Using a Guanidium-Based Ionic Covalent Organic Network (iCON). <i>ACS Applied Polymer Materials</i> , 2022, 4, 6630-6641.	2.0	11
4518	Arsenite and arsenate ions adsorption onto a biogenic nano-iron entrapped dual network Fe@alginate- χ -carrageenan hydrogel beads. <i>Nanotechnology for Environmental Engineering</i> , 2023, 8, 269-279.	2.0	3

#	ARTICLE	IF	CITATIONS
4519	Hydrogeological processes and hydrochemical effects in the Manas river catchment, Northwest China, over the past 60 years. <i>Journal of Hydrology</i> , 2022, 614, 128338.	2.3	5
4520	Macroinvertebrate habitat requirements in rivers: overestimation of environmental flow calculations in incised rivers. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 4109-4124.	1.9	4
4521	Resilience benefit assessment for multi-scale urban flood control programs. <i>Journal of Hydrology</i> , 2022, 613, 128349.	2.3	11
4523	Spatially structured relationships between white banana prawn (<i>Penaeus merguensis</i>) catch and riverine flow in the Northern Prawn Fishery, Australia. <i>Journal of Environmental Management</i> , 2022, 319, 115761.	3.8	0
4524	Loss of lateral hydrological connectivity impacts multiple facets of molluscan biodiversity in floodplain lakes. <i>Journal of Environmental Management</i> , 2022, 320, 115885.	3.8	10
4525	Compositional shifts in freshwater macroinvertebrate communities over 30 years of urbanization. <i>Ecological Engineering</i> , 2022, 183, 106738.	1.6	4
4526	Valorization of wastewater to recover value-added products: A comprehensive insight and perspective on different technologies. <i>Environmental Research</i> , 2022, 214, 113957.	3.7	10
4527	A disaggregated assessment of national water security: An application to the river basins in Thailand. <i>Journal of Environmental Management</i> , 2022, 321, 115974.	3.8	6
4528	Human activities induce potential aquatic threats of micropollutants in Danjiangkou Reservoir, the largest artificial freshwater lake in Asia. <i>Science of the Total Environment</i> , 2022, 850, 157843.	3.9	13
4529	Hydrogeochemical processes controlling the salinity of surface water and groundwater in an inland saline-alkali wetland in western Jilin, China. <i>Frontiers in Ecology and Evolution</i> , 0, 10, .	1.1	1
4530	Long-Term Changes of Land Use and Land Cover in the Yangtze River Basin from 1990 to 2020 Landsat Data. <i>Photogrammetric Engineering and Remote Sensing</i> , 2022, 88, 573-582.	0.3	0
4531	A method for quick and efficient identification of cichlid species by high resolution DNA melting analysis of minibarcodes. <i>Frontiers in Ecology and Evolution</i> , 0, 10, .	1.1	1
4532	Modeling multiple ecosystem services and beneficiaries of riparian reforestation in Costa Rica. <i>Ecosystem Services</i> , 2022, 57, 101470.	2.3	3
4533	Towards a functional assessment of stream integrity: A first large-scale application using leaf litter decomposition. <i>Ecological Indicators</i> , 2022, 143, 109403.	2.6	3
4534	Wastewater microorganisms impact microbial diversity and important ecological functions of stream periphyton. <i>Water Research</i> , 2022, 225, 119119.	5.3	13
4535	Management effectiveness in a freshwater protected area: Long-term water quality response to catchment-scale land use changes. <i>Ecological Indicators</i> , 2022, 144, 109438.	2.6	6
4536	LaFe magnetic bentonite stimulated denitrifying phosphorus removal from low C/N wastewater in the A2/O process: Performance, microbial community, and potential mechanism. <i>Journal of Cleaner Production</i> , 2022, 373, 133746.	4.6	5
4537	Integrated remote sensing and machine learning tools for estimating ecological flow regimes in tropical river reaches. <i>Journal of Environmental Management</i> , 2022, 322, 116121.	3.8	11

#	ARTICLE	IF	CITATIONS
4556	Conservation Need for a Plant Species with Extremely Small Populations Linked to Ephemeral Streams in Adverse Desert Environments. <i>Water</i> (Switzerland), 2022, 14, 2638.	1.2	3
4557	Use and perception of ecosystem services on an urban river: a case from lower Gangatic plain, Eastern India. <i>Environmental Science and Pollution Research</i> , 0, , .	2.7	0
4559	Green gravel as a vector of dispersal for kelp restoration. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	3
4560	Financing water investment for global sustainable development: Challenges, innovation, and governance strategies. <i>Sustainable Development</i> , 2023, 31, 600-611.	6.9	5
4562	The Role of Environmental Flows in the Spatial Variation of the Water Exploitation Index. <i>Water</i> (Switzerland), 2022, 14, 2938.	1.2	1
4563	SDG 6: Ensure Availability and Sustainable Management of Water and Sanitation for All. , 2022, , 163-184.		2
4564	A Practical Approach for Environmental Flow Calculation to Support Ecosystem Management in Wujiang River, China. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 11615.	1.2	8
4565	Spatial water quality assessment of a mountain stream in northwestern India using multivariate statistical techniques. <i>Environmental Monitoring and Assessment</i> , 2022, 194, .	1.3	4
4566	Identification and Diagnosis of Transboundary River Basin Water Management in China and Neighboring Countries. <i>Sustainability</i> , 2022, 14, 12360.	1.6	3
4567	Impaired cellulose decomposition in a headwater stream receiving subsurface agricultural drainage. <i>Ecological Processes</i> , 2022, 11, .	1.6	2
4568	Fisheries as ecosystem services: A case study of the Cauvery river basin, India. <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	3
4569	Post-Soviet changes in cropping practices in the irrigated drylands of the Aral Sea basin. <i>Environmental Research Letters</i> , 2022, 17, 095013.	2.2	4
4570	Holocene climate changes explain the spatial pattern in genetic diversity in populations of <i>Cyperus papyrus</i> from Southeast Africa wetlands. <i>Heredity</i> , 0, , .	1.2	0
4571	Geodiversity inclusiveness in biodiversity assessment. <i>Progress in Physical Geography</i> , 2023, 47, 414-437.	1.4	6
4572	Ni/SrTiO ₃ Nanoparticles for Photodegradation of Methylene Blue. <i>ACS Applied Nano Materials</i> , 2022, 5, 13295-13307.	2.4	2
4573	The cumulative impacts of anthropogenic stressors vary markedly along environmental gradients. <i>Global Change Biology</i> , 2023, 29, 590-602.	4.2	9
4574	MnO _x Film-Coated NiFe-LDH Nanosheets on Ni Foam as Selective Oxygen Evolution Electrocatalysts for Alkaline Seawater Oxidation. <i>Inorganic Chemistry</i> , 2022, 61, 15256-15265.	1.9	36
4575	Comparative capacity of global mining regions to transition to a post-mining future. <i>The Extractive Industries and Society</i> , 2022, 11, 101136.	0.7	5

#	ARTICLE	IF	CITATIONS
4576	Development and validation of a three-dimensional variably saturated flow model for global future water resource assessment –Targeting saturated groundwater flow in plains – Journal of Advances in Modeling Earth Systems, 0, , .	1.3	0
4577	Land use changes biomass and temporal patterns of insect cross-ecosystem flows. <i>Global Change Biology</i> , 2023, 29, 81-96.	4.2	10
4578	The growing water crisis in Central Asia and the driving forces behind it. <i>Journal of Cleaner Production</i> , 2022, 378, 134574.	4.6	17
4579	Enhanced capacitive deionization properties of activated carbon doped with carbon nanotube-bridged molybdenum disulfide. <i>Chemosphere</i> , 2023, 310, 136740.	4.2	6
4580	Water balance model (WBM) v.1.0.0: a scalable gridded global hydrologic model with water-tracking functionality. <i>Geoscientific Model Development</i> , 2022, 15, 7287-7323.	1.3	10
4581	TLT: Recurrent fine-tuning transfer learning for water quality long-term prediction. <i>Water Research</i> , 2022, 225, 119171.	5.3	17
4582	Prediction of water resource carrying status based on the “three red lines” water resource management policy in the coastal area of Jiangsu Province, China. <i>Water Policy</i> , 2022, 24, 1610-1630.	0.7	2
4583	Real-time controlled rainwater harvesting systems can improve the performance of stormwater networks. <i>Journal of Hydrology</i> , 2022, 614, 128503.	2.3	5
4584	Thiol/nitrogen functionalized Fe ₃ O ₄ @ZIF-8-DMTD by one-pot post coordination modulation for efficient and rapid removal of trace heavy metals from drinking water. <i>Journal of Water Process Engineering</i> , 2022, 49, 103189.	2.6	1
4585	Metabarcoding as an effective complement of microscopic studies in revealing the composition of the diatom community – a case study of an oxbow lake of Tisza River (Hungary) with the description of a new <i>Mayamaea</i> species. <i>Metabarcoding and Metagenomics</i> , 0, 6, .	0.0	4
4586	Hollow-fiber mixed-matrix membrane impregnated with glutaraldehyde-crosslinked polyethyleneimine for the removal of lead from aqueous solutions. <i>Journal of Membrane Science</i> , 2022, 663, 121031.	4.1	9
4587	Restoration physiology of fishes: Frontiers old and new for aquatic restoration. <i>Fish Physiology</i> , 2022, , 393-428.	0.2	1
4588	High water permeance and ion rejection through F-graphene oxide membranes. <i>New Journal of Chemistry</i> , 2022, 46, 22122-22129.	1.4	2
4589	Fish response to environmental stressors in the Lake Victoria Basin ecoregion. <i>Fish Physiology</i> , 2022, , .	0.2	3
4590	Latent dimensions between water use and socio-economic development: A global exploratory statistical analysis. <i>Regional Sustainability</i> , 2022, 3, 269-280.	1.1	0
4591	Self-Propelled Structural Color Cylindrical Micromotors for Heavy Metal Ions Adsorption and Screening. <i>Small</i> , 2022, 18, .	5.2	13
4592	Enhancing the functionality of environmental flows through an understanding of biophysical processes in the riverine landscape. <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	3
4593	Mapping India’s blue economy in the Bay of Bengal: opportunities and constraint. <i>Journal of the Indian Ocean Region</i> , 2022, 18, 99-115.	0.2	0

#	ARTICLE	IF	CITATIONS
4594	Perspectives from the Global South inform and affirm the contemporary river conservation paradigm: A commentary on Feio et al.. <i>Global Change Biology</i> , 2023, 29, 292-293.	4.2	1
4595	Post-synthetic modification of MOFs to enhance interfacial compatibility and selectivity of thin-film nanocomposite (TFN) membranes for water purification. <i>Journal of Membrane Science</i> , 2023, 666, 121133.	4.1	14
4596	The Use of PGPB to Promote Plant Hydroponic Growth. <i>Plants</i> , 2022, 11, 2783.	1.6	21
4597	Modelling the longitudinal distribution, abundance, and habitat use of the giant freshwater shrimp (<i>Macrobrachium spinipes</i>) in a large intermittent, tropical Australian river to inform water resource policy. <i>Freshwater Biology</i> , 2023, 68, 61-76.	1.2	4
4598	Ecosystem services provided by fungi in freshwaters: a wake-up call. <i>Hydrobiologia</i> , 2023, 850, 2779-2794.	1.0	6
4599	Impacts of Sampling Frequency on the Estimation Accuracy of Exceedance for Suspended Solids and Nitrates in Streams in Small- to Medium-sized Watersheds. <i>Journal of Hydrology X</i> , 2022, , 100139.	0.8	0
4600	Mapping global hotspots and trends of water quality (1992â€“2010): a data driven approach. <i>Environmental Research Letters</i> , 2022, 17, 114048.	2.2	6
4601	Drivers of water quality in Afromontane-savanna rivers. <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	5
4602	Impact of Land System Changes and Extreme Precipitation on Peak Flood Discharge and Sediment Yield in the Upper Jhelum Basin, Kashmir Himalaya. <i>Sustainability</i> , 2022, 14, 13602.	1.6	3
4603	Comparative Performance Assessment of Multi Linear Regression and Artificial Neural Network for Prediction of Permeate Flux of Disc Shaped Membrane. <i>Lecture Notes in Networks and Systems</i> , 2023, , 24-33.	0.5	0
4604	Fabrication of Ir-Ta ₁₀₀ O _y as counter electrodes in saline water. <i>Bulletin of the Korean Chemical Society</i> , 0, , .	1.0	1
4605	Worldwide moderate-resolution mapping of lake surface chl-a reveals variable responses to global change (1997â€“2020)., 2022, 1, e0000051.		9
4606	The Impact of Land Cover on Selected Water Quality Parameters in Polish Lowland Streams during the Non-Vegetative Period. <i>Water (Switzerland)</i> , 2022, 14, 3295.	1.2	5
4607	Resilience to hydrological droughts in the northern Murray-Darling Basin, Australia. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2022, 380, .	1.6	6
4608	Hydrogels Based on Polyacrylamide and Functionalized Carbon Nanomaterials for Adsorption of a Cationic Dye. <i>Journal of Polymers and the Environment</i> , 2022, 30, 5339-5351.	2.4	3
4609	Strategic analysis of the drought resilience of water supply systems. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2022, 380, .	1.6	7
4610	Mangroves provide blue carbon ecological value at a low freshwater cost. <i>Scientific Reports</i> , 2022, 12, .	1.6	8
4611	Odonata Assemblages in Anthropogenically Impacted Habitats in the Drava Riverâ€”A Long-Term Study. <i>Water (Switzerland)</i> , 2022, 14, 3119.	1.2	1

#	ARTICLE	IF	CITATIONS
4612	Investigating the relationship between groundwater augmentation and water quality in the 6000Âha watershed in Telangana state, India. <i>Groundwater for Sustainable Development</i> , 2022, 19, 100857.	2.3	2
4613	Defining estuarine squeeze: The loss of upper estuarine transitional zones against in-channel barriers through saline intrusion. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 278, 108107.	0.9	3
4614	Conserving the unique aquatic ecosystem of the Jiuzhai National Heritage Site after the 2017 earthquake: Achievements and challenges. <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	2
4615	Climate change creates opportunities to expand agriculture in the Hindu Kush Himalaya but will cause considerable ecosystem trade-offs. <i>Environmental Research Communications</i> , 2022, 4, 111001.	0.9	3
4616	Dissolved Heavy Metal Pollution and Assessment of a Karst Basin around a Mine, Southwest China. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 14293.	1.2	4
4617	Modeling streamflow in headwater catchments: A data-based mechanistic grounded framework. <i>Journal of Hydrology: Regional Studies</i> , 2022, 44, 101243.	1.0	2
4618	Water environmental efficiency in different urban spatial structure patterns: Evidence from a panel of Chinese urban districts. <i>Journal of Cleaner Production</i> , 2022, 379, 134834.	4.6	4
4619	Joint survival modelling for multiple species exposed to toxicants. <i>Science of the Total Environment</i> , 2023, 857, 159266.	3.9	2
4620	Improving the socio-ecological fit in water governance by enhancing coordination of ecosystem services used. <i>Environmental Science and Policy</i> , 2023, 139, 11-21.	2.4	7
4621	The characteristics of nitrogen and phosphorus output in China's highly urbanized Pearl River Delta region. <i>Journal of Environmental Management</i> , 2023, 325, 116543.	3.8	8
4622	Citizen science for assessing pesticide impacts in agricultural streams. <i>Science of the Total Environment</i> , 2023, 857, 159607.	3.9	6
4623	Can lateral mobility be restored along a highly domesticated low-energy gravel-bed river?. <i>Journal of Environmental Management</i> , 2023, 325, 116485.	3.8	4
4624	Identification of high-concern organic pollutants in tap waters from the Yangtze River in China based on combined screening strategies. <i>Science of the Total Environment</i> , 2023, 857, 159416.	3.9	7
4625	A Coherent Review on Approaches, Causes and Sources of River Water Pollution: An Indian Perspective. <i>Water Science and Technology Library</i> , 2022, , 247-271.	0.2	2
4626	Towards a scientific evaluation of environmental water offsetting in the Murrayâ€“Darling Basin, Australia. <i>Marine and Freshwater Research</i> , 2023, 74, 264-280.	0.7	3
4627	Baseline assessment of the hydrological network and land use in riparian buffers of Pampean streams of Uruguay. <i>Environmental Monitoring and Assessment</i> , 2023, 195, .	1.3	2
4628	Modeling the extinction risk of European butterflies and odonates. <i>Ecology and Evolution</i> , 2022, 12, .	0.8	2
4629	Longitudinal Patterns in Fish Assemblages after Long-Term Ecological Rehabilitation in the Taizi River, Northeastern China. <i>Sustainability</i> , 2022, 14, 14973.	1.6	1

#	ARTICLE	IF	CITATIONS
4630	COVID-19 Lockdowns Promoted Recovery of the Yangtze River's Aquatic Ecosystem. <i>Water (Switzerland)</i> , 2022, 14, 3622.	1.2	1
4631	Oxygen-Chlorine Chemisorption Scaling for Seawater Electrolysis on Transition Metals: The Role of Redox. <i>Advanced Theory and Simulations</i> , 2023, 6, .	1.3	1
4632	Trends and prospects in the Yangtze River Basin research: A bibliometric analysis. <i>River Research and Applications</i> , 2023, 39, 134-148.	0.7	1
4633	How does invasion degree shape alpha and beta diversity of freshwater fish at a regional scale?. <i>Ecology and Evolution</i> , 2022, 12, .	0.8	4
4634	The direct drivers of recent global anthropogenic biodiversity loss. <i>Science Advances</i> , 2022, 8, .	4.7	138
4635	Eco-Friendly Bleaching of Cotton Fabrics Without Heating Using Direct Process Water in the Presence of Sodium Chlorite and Phosphonate. <i>Journal of Natural Fibers</i> , 2023, 20, .	1.7	2
4636	Downscaled hyper-resolution (400m) gridded datasets of daily precipitation and temperature (2008-2019) for the East-Taylor subbasin (western United States). <i>Earth System Science Data</i> , 2022, 14, 4949-4966.	3.7	2
4637	Editorial: Environmental flows in an uncertain future. <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	1
4638	Spatial and Temporal Distribution Characteristics of Nutrient Elements and Heavy Metals in Surface Water of Tibet, China and Their Pollution Assessment. <i>Water (Switzerland)</i> , 2022, 14, 3664.	1.2	4
4639	Dispersed Urban Stormwater Control Improved Stream Water Quality in a Catchment-Scale Experiment. <i>Water Resources Research</i> , 2022, 58, .	1.7	6
4640	Chromatin Remodeling ATPases CHR12 and CHR23 Affect Apical Meristem Development and Play an Important Role during Response to Drought Stress in Arabidopsis. <i>Russian Journal of Plant Physiology</i> , 2022, 69, .	0.5	0
4641	Tributary streams provide migratory fish with access to floodplain habitats in a regulated river: evidence from alligator gar, <i>Atractosteus spatula</i> . <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2023, 80, 393-407.	0.7	4
4642	Unfolding the complexity in water reallocation decision-making in the Heihe River Basin, China. <i>International Journal of Water Resources Development</i> , 2023, 39, 576-594.	1.2	0
4643	Developing socio-hydrology: Research progress, opportunities and challenges. <i>Journal of Chinese Geography</i> , 2022, 32, 2131-2146.	1.5	2
4644	Can information on past and near-future weather and field conditions predict the safest pesticide application day?. <i>Computers and Electronics in Agriculture</i> , 2022, 203, 107454.	3.7	0
4645	Prioritising river stretches using multi-modelling habitat suitability of Gangetic dolphin (<i>Platanista Tj ETQq1 1 0.784314 rgBT /Overlook</i>) Ecological Indicators, 2022, 145, 109680.	2.6	2
4646	Iron Oxide Nanoparticle-Based Ferro-Nanofluids for Advanced Technological Applications. <i>Molecules</i> , 2022, 27, 7931.	1.7	21
4647	Versatile hydrogen-bonded organic framework (HOF) platform for simultaneous detection and efficient removal of heavy metal ions. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108983.	3.3	5

#	ARTICLE	IF	CITATIONS
4648	Assessing the effects of irrigation and hydropower dams on river communities using taxonomic and multiple trait-based approaches. <i>Ecological Indicators</i> , 2022, 145, 109662.	2.6	1
4649	Development of ceramic membranes for resource recovery from brine through percrystallization. <i>Resources, Conservation and Recycling</i> , 2023, 189, 106768.	5.3	0
4650	Potential and economic viability of green hydrogen production from seawater electrolysis using renewable energy in remote Japanese islands. <i>Renewable Energy</i> , 2023, 202, 1436-1447.	4.3	23
4651	Evaluating CO ₂ +C ₃ H ₈ hydrate kinetics with cyclopentane and graphite for sustainable hydrate-based desalination. <i>Journal of Cleaner Production</i> , 2023, 384, 135365.	4.6	5
4652	Component-based, dynamic simulation of a novel once through multistage flash (MSF-OT) solar thermal desalination plant. <i>Desalination</i> , 2023, 548, 116290.	4.0	14
4653	Present status of inland fisheries and its linkage to ecosystem health and human wellbeing in North Central of Vietnam. <i>Ecosystem Services</i> , 2023, 59, 101505.	2.3	0
4654	Dynamics in impervious urban and non-urban areas and their effects on run-off, nutrient emissions, and macroinvertebrate communities. <i>Landscape and Urban Planning</i> , 2023, 231, 104639.	3.4	5
4655	Identifying failure mechanisms of native riparian forest regeneration in a variable-width floodplain using a spatially-distributed riparian forest recruitment model. <i>Ecological Engineering</i> , 2023, 187, 106865.	1.6	1
4656	Facile fabrication of Ni ₅ P ₄ -NiMoO _x nanorod arrays with synergistic thermal management for efficient interfacial solar steam generation and water purification. <i>Journal of Colloid and Interface Science</i> , 2023, 634, 22-31.	5.0	10
4657	Functional threshold responses of benthic macroinvertebrates to environmental stressors in reservoirs. <i>Journal of Environmental Management</i> , 2023, 329, 116970.	3.8	2
4658	Identification of Indicators for Developing an Integrated Study on Urban Water Supply System, Planning, and Management. <i>Journal of Environmental Engineering, ASCE</i> , 2023, 149, .	0.7	3
4659	A long-term monitoring database on fish and crayfish species in French rivers. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2022, , 25.	0.5	5
4660	Taxonomic and morphofunctional phytoplankton response to environmental variability in rivers from different hydrographic basins in Southern Brazil. <i>Acta Limnologica Brasiliensia</i> , 0, 34, .	0.4	0
4661	Towards Understanding Underwater Weather Events in Rivers Using Autonomous Surface Vehicles. , 2022, , .		1
4662	Can hydraulic measures of river conditions improve our ability to predict ecological responses to changing flows? Flow velocity and spawning of an iconic native Australian fish. <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	3
4663	Tropical stream microcosms of isolated fungal species suggest nutrient enrichment does not accelerate decomposition but might inhibit fungal biomass production. <i>FEMS Microbiology Letters</i> , 2022, 369, .	0.7	1
4664	Fish biodiversity in different types of tributary mouths located within impounded sections of Swedish boreal rivers. <i>Ecohydrology and Hydrobiology</i> , 2022, , .	1.0	0
4665	A Comprehensive Review on the Sustainable Treatment of Textile Wastewater: Zero Liquid Discharge and Resource Recovery Perspectives. <i>Sustainability</i> , 2022, 14, 15398.	1.6	36

#	ARTICLE	IF	CITATIONS
4666	Large-scale spatial patterns of riverine communities: niche versus geographical distance. <i>Biodiversity and Conservation</i> , 0, , .	1.2	1
4667	Freshwater Reservoir, Ecological Traps and Source-Sink Dynamics. <i>Diversity</i> , 2022, 14, 1021.	0.7	1
4668	Fish diversity decline in the lower Gangetic plains: a victim of multiple stressors. <i>Biodiversity and Conservation</i> , 0, , .	1.2	3
4669	Freshwater mussel conservation: A global horizon scan of emerging threats and opportunities. <i>Global Change Biology</i> , 2023, 29, 575-589.	4.2	21
4670	Resilient rivers and connected marine systems: a review of mutual sustainability opportunities. <i>Global Sustainability</i> , 2023, 6, .	1.6	4
4671	Analysis of Water Resources Ecological Footprint and Ecological Carrying Capacity in Huai River Ecological Economic Belt: A Case in Jiangsu Province. <i>Lecture Notes in Civil Engineering</i> , 2023, , 285-294.	0.3	0
4672	Research status of the Lancang-Mekong River Basin: fish and environmental stressors. <i>Reviews in Fish Biology and Fisheries</i> , 0, , .	2.4	2
4673	Effects of integrated rice-animals co-culture on paddy soil and water properties and rice yield: a meta-analysis. <i>Archives of Agronomy and Soil Science</i> , 2023, 69, 2187-2201.	1.3	2
4674	Small-scale population structuring results in differential susceptibility to pesticide exposure. <i>Environmental Sciences Europe</i> , 2022, 34, .	2.6	11
4675	High-efficiency sediment-transport requirements for operation of the Xiaolangdi Reservoir in the Lower Yellow River. <i>Water Science and Technology: Water Supply</i> , 2022, 22, 8572-8586.	1.0	4
4676	Comprehensive Evaluation Model for Urban Water Security: A Case Study in Dongguan, China. <i>Water (Switzerland)</i> , 2022, 14, 3957.	1.2	0
4677	Systemic Management of Water Resources with Environmental and Climate Change Considerations. <i>Water Resources Management</i> , 2023, 37, 2543-2574.	1.9	4
4678	A Socio-Ecological Approach to Conserve and Manage Riverscapes in Designated Areas: Cases of the Loire River Valley and Dordogne Basin, France. <i>Sustainability</i> , 2022, 14, 16677.	1.6	1
4679	Distribution and Conservation Status of the Mountain Wetlands in the Romanian Carpathians. <i>Sustainability</i> , 2022, 14, 16672.	1.6	1
4680	Macroinvertebrate Community Composition in Wetlands of the Desert Southwest is Driven by wastewater-associated Nutrient Loading Despite Differences in Salinity. <i>Wetlands</i> , 2022, 42, .	0.7	1
4681	Spatial and temporal assessment of human-water interactions at the Inle Lake, Myanmar: a socio-hydrological DPSIR analysis. <i>Environmental Monitoring and Assessment</i> , 2023, 195, .	1.3	1
4682	First insight into freshwater fish assemblages in the western part of the Endau-Rompin landscape, Malaysia. <i>Nature Conservation</i> , 0, 50, 265-281.	0.0	1
4683	In₂S₃ Growth Templated by Aluminogermanate Double-Walled Imogolite Nanotubes Toward Efficient Visible Light Photocatalysts. <i>Solar Rrl</i> , 2023, 7, .	3.1	2

#	ARTICLE	IF	CITATIONS
4684	Ciliate Morpho-Taxonomy and Practical Considerations before Deploying Metabarcoding to Ciliate Community Diversity Surveys in Urban Receiving Waters. <i>Microorganisms</i> , 2022, 10, 2512.	1.6	2
4685	Impact of international trade on water scarcity: An assessment by improving the Falkenmark indicator. <i>Journal of Cleaner Production</i> , 2023, 385, 135740.	4.6	2
4686	A Simple Analytical Method to Assess Multipleâ€Priority Water Rights in Carryover Systems. <i>Water Resources Research</i> , 2022, 58, .	1.7	2
4687	Functional groups of Afrotropical EPT (Ephemeroptera, Plecoptera and Trichoptera) as bioindicators of semi-urban pollution in the Tsitsa River Catchment, Eastern Cape, South Africa. <i>PeerJ</i> , 0, 10, e13970.	0.9	2
4688	Poor correlation between large-scale environmental flow violations and freshwater biodiversity: implications for water resource management and the freshwater planetary boundary. <i>Hydrology and Earth System Sciences</i> , 2022, 26, 6247-6262.	1.9	1
4689	Porous Materials for Water Purification. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	38
4690	The shape of Anthropocene: The early contribution of the water sciences. <i>Infrastructure Asset Management</i> , 2023, 10, 732-749.	1.2	2
4691	In Situ Implantation of Bi₂S₃ Nanorods into Porous Quasi-Bi-MOF Architectures: Enabling Synergistic Dissociation of Borohydride for an Efficient and Fast Catalytic Reduction of 4-Nitrophenol. <i>Inorganic Chemistry</i> , 2022, 61, 19847-19856.	1.9	7
4692	Cross-County Characteristics of Waterâ€Ecologyâ€Economy Coupling Coordination in the Wuding River Watershed, China. <i>Land</i> , 2022, 11, 2283.	1.2	6
4693	From Theory to Practice: Can LEAP/FAO Biodiversity Assessment Guidelines Be a Useful Tool for Knowing the Environmental Status of Livestock Systems?. <i>Sustainability</i> , 2022, 14, 16259.	1.6	1
4694	Porous Materials for Water Purification. <i>Angewandte Chemie</i> , 2023, 135, .	1.6	0
4695	Distribution Pattern of Fish Richness in the Yarlung Zangbo River Basin. <i>Diversity</i> , 2022, 14, 1142.	0.7	2
4696	50 years of the water-flow variance in TucuruÃ-reservoir related with Brazilian energy consumption. <i>Heliyon</i> , 2022, , e12640.	1.4	1
4697	Anthropogenic risk assessment of riverine habitat using geospatial modelling tools for conservation and restoration planning: a case study from a tropical river Pranhita, India. <i>Environmental Science and Pollution Research</i> , 0, , .	2.7	0
4698	A novel method for quantifying human disturbances: A case study of Huaihe River Basin, China. <i>Frontiers in Public Health</i> , 0, 10, .	1.3	1
4699	Nature-Based Solutions for River Restoration in Metropolitan Areas. , 2022, , 1104-1113.		1
4700	Reconfiguration of ecohydrology as a sustainability tool for Himalayan waterways. <i>Ecohydrology</i> , 0, , .	1.1	3
4701	High-Resolution Planetscope Imagery and Machine Learning for Estimating Suspended Particulate Matter in the Ebinur Lake, Xinjiang, China. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2023, 16, 1019-1032.	2.3	1

#	ARTICLE	IF	CITATIONS
4702	A novel post coordination modulation method to synthesize N/S functionalized ZIF-8 for removal of trace heavy metals from drinking water. <i>Applied Surface Science</i> , 2023, 615, 156405.	3.1	4
4703	Effect of Metal Atom in Zeolitic Imidazolate Frameworks (ZIF-8 & 67) for Removal of Dyes and Antibiotics from Wastewater: A Review. <i>Catalysts</i> , 2023, 13, 155.	1.6	25
4704	Identifying Opportunities for Nonpotable Water Reuse Based on Potential Supplies and Demands in the United States. <i>ACS ES&T Water</i> , 2023, 3, 311-321.	2.3	2
4705	Identifying imperilled fish species and potential causes of decline in the Himalaya biodiversity hotspot. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 0, , .	0.9	0
4707	Vertically ï€-extended strong acceptor unit boosting near-infrared photothermal conversion of conjugated polymers toward highly efficient solar-driven water evaporation. <i>Journal of Materials Chemistry A</i> , 2023, 11, 2933-2946.	5.2	12
4708	Distinct mediating patterns between metal filtering and species coexistence of rare and abundant subcommunities in heavily polluted river sediments. <i>Environment International</i> , 2023, 172, 107747.	4.8	1
4709	Solar-thermo-radiative evaporator for continuous steam generation and salt harvesting. <i>Solar Energy</i> , 2023, 250, 347-354.	2.9	8
4710	Biopolymeric Fibrous Aerogels: The Sustainable Alternative for Water Remediation. <i>Polymers</i> , 2023, 15, 262.	2.0	7
4711	Examining Normative Influences on Intentions to Reduce Irrigated Landscape Area through a Compliance and Belonging Lens. <i>Society and Natural Resources</i> , 0, , 1-21.	0.9	0
4712	Adapting to water restrictions: Intensive versus extensive adaptation over time differentiated by water right seniority. <i>American Journal of Agricultural Economics</i> , 2023, 105, 1458-1490.	2.4	2
4713	Influences of landscape pattern on water quality at multiple scales in an agricultural basin of western China. <i>Environmental Pollution</i> , 2023, 319, 120986.	3.7	13
4714	An analysis of finding the best strategies of water security for water source areas using an integrated IT2FVIKOR with machine learning. <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	0
4715	Investing in nature-based solutions: Cost profiles of collective-action watershed investment programs. <i>Ecosystem Services</i> , 2023, 59, 101507.	2.3	6
4716	A modified Gould-Dincer method to assess yield of carry-over reservoirs with environmental water requirements. <i>Journal of Hydrology</i> , 2023, 617, 129065.	2.3	1
4717	Fish size spectrum as a complementary biomonitoring approach of freshwater ecosystems. <i>Ecological Indicators</i> , 2023, 146, 109833.	2.6	7
4718	Secular trend in water discharge transport in the Lower Mekong River-delta: Effects of multiple anthropogenic stressors, rainfall, and tropical cyclones. <i>Estuarine, Coastal and Shelf Science</i> , 2023, 281, 108217.	0.9	5
4719	CO2 hydrogenation for geothermal energy storage through synthetic natural gas production and byproduct of refrigeration and freshwater using solid oxide electrolyzer cell (SOEC) and methanation reactor; Techno-economic evaluation and multi-objective optimization. <i>Journal of CO2 Utilization</i> , 2023, 69, 102395.	3.3	3
4720	Indirect potable water reuse to face drought events in Barcelona city. Setting a monitoring procedure to protect aquatic ecosystems and to ensure a safe drinking water supply. <i>Science of the Total Environment</i> , 2023, 866, 161339.	3.9	8

#	ARTICLE	IF	CITATIONS
4721	Effects of nutrient reduction and habitat heterogeneity on benthic macroinvertebrate assemblages in a large shallow eutrophic lake. <i>Science of the Total Environment</i> , 2023, 867, 161538.	3.9	1
4722	Effects of agricultural land use on river biota: a meta-analysis. <i>Environmental Sciences Europe</i> , 2022, 34, .	2.6	11
4723	Insights from the Niger Delta Region, Nigeria on the impacts of urban pollution on the functional organisation of Afrotropical macroinvertebrates. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
4724	Brief status of contamination in surface water of rivers of India by heavy metals: a review with pollution indices and health risk assessment. <i>Environmental Geochemistry and Health</i> , 2023, 45, 2779-2801.	1.8	4
4725	Large floodplain river restoration in New Zealand: synthesis and critical evaluation to inform restoration planning and research. <i>Regional Environmental Change</i> , 2023, 23, .	1.4	2
4726	<i>Water Pollution Biology</i> . , 2013, , 80-114.		0
4727	Perceptions of water systems. <i>Judgment and Decision Making</i> , 2017, 12, 314-327.	0.8	12
4728	Impacts of the Victoria Nile Bujagali hydropower dam on fisheries and livelihoods. <i>River Research and Applications</i> , 0, , .	0.7	0
4729	The frontiers of water and sanitation. , 2023, 1, 10-18.		20
4730	Assessment of Bi-Decadal Groundwater Fluctuations in a Coastal Region Using Innovative Trends and Singular Spectrum Analysis. <i>Journal of the Geological Society of India</i> , 2023, 99, 111-119.	0.5	2
4731	Use of electrical resistivity tomography to reveal the shallow freshwaterâ€“saline interface in The Fens coastal groundwater, eastern England (UK). <i>Hydrogeology Journal</i> , 2023, 31, 335-349.	0.9	3
4732	The role of antioxidant enzymes in diatoms and their therapeutic role. , 2023, , 89-118.		0
4733	Identification of the Spatiotemporal Variability and Pollution Sources for Potential Pollutants of the Malian River Water in Northwest China Using the PCA-APCS-MLR Receptor Model. <i>Exposure and Health</i> , 2024, 16, 41-56.	2.8	11
4734	Threats and Conservation Status of Freshwater Crayfish (Decapoda: Cambaridae) in Mexico. , 2023, , 67-80.		1
4735	Water Quality and Aquatic Ecosystem Assessment Using Water Quality Indices in West Africa: Challenge and Perspectives. , 0, , .		0
4736	Improving the accuracy of the Water Detect algorithm using Sentinel-2, Planetscope and sharpened imagery: a case study in an intermittent river. <i>GIScience and Remote Sensing</i> , 2023, 60, .	2.4	3
4737	Graphene Nanocomposite Membranes: Fabrication and Water Treatment Applications. <i>Membranes</i> , 2023, 13, 145.	1.4	10
4738	Spatial distribution of pesticides in surface water of the Estacas stream (Argentine Espinal region) associated with crop production. <i>Environmental Science and Pollution Research</i> , 2023, 30, 43573-43585.	2.7	3

#	ARTICLE	IF	CITATIONS
4739	İnsan Kaynakları Etmenlerin Murgul Deresinin Bazı Su Kalitesi Parametreleri İçerisindeki Zamansal ve Mekansal Etkilerinin Belirlenmesi. Doğal Afetler Ve Çevre Dergisi, 0, , 136-151.	0.2	0
4740	Insights into Hierarchical Structure-Property-Application Relationships of Advanced Bacterial Cellulose Materials. <i>Advanced Functional Materials</i> , 2023, 33, .	7.8	19
4741	Index-Based Spatiotemporal Assessment Of Water Quality In Tarbela Reservoir, Pakistan (1990-2020). <i>Geography, Environment, Sustainability</i> , 2023, 15, 232-242.	0.6	3
4742	Metabarcoding reveals seasonal and spatial patterns of arthropod community assemblages in two contrasting habitats: Desert and oasis of the Baja California Peninsula, Mexico. <i>Diversity and Distributions</i> , 2023, 29, 438-461.	1.9	0
4743	An integrated supervision framework to safeguard the urban river water quality supported by ICT and models. <i>Journal of Environmental Management</i> , 2023, 331, 117245.	3.8	5
4744	Moving forward to achieve the ambitions of the European Water Framework Directive: Lessons learned from the Netherlands. <i>Journal of Environmental Management</i> , 2023, 333, 117424.	3.8	5
4745	Moving the Needle on Sustainability: A Viewpoint from Within and Without. <i>Journal of Human Resource and Sustainability Studies</i> , 2023, 11, 156-172.	0.4	0
4746	New age chloride shielding strategies for corrosion resistant direct seawater splitting. <i>Chemical Communications</i> , 2023, 59, 4578-4599.	2.2	15
4747	Effects of Agricultural Expansion on Lotic Benthic Macroinvertebrate Communities: A Review and Case Study from Brazil. , 2023, , 117-135.		0
4748	Highly efficient degradation of reactive black KN-B dye by ultraviolet light responsive ZIF-8 photocatalysts with different morphologies. <i>RSC Advances</i> , 2023, 13, 5908-5924.	1.7	11
4749	Evaluation of groundwater level, quality and recharge: a case study of Can Tho City, Viet Nam. <i>Science and Technology</i> , 2023, 61, 120-136.	0.1	1
4750	Invasion history of <i>Gyraulus chinensis</i> (Gastropoda: Planorbidae) in Europe: a molecular and literature-based approach. <i>Hydrobiologia</i> , 0, , .	1.0	1
4751	A novel hybrid model for water quality prediction based on VMD and IGOA optimized for LSTM. <i>Frontiers of Environmental Science and Engineering</i> , 2023, 17, .	3.3	28
4752	Editorial: Biodiversity conservation and ecological function restoration in freshwater ecosystems. <i>Frontiers in Ecology and Evolution</i> , 0, 11, .	1.1	0
4754	Investigating the seasonal dynamics of surface water over the Qinghai-Tibet Plateau using Sentinel-1 imagery and a novel gated multiscale ConvNet. <i>International Journal of Digital Earth</i> , 2023, 16, 1372-1394.	1.6	1
4755	Toxic metal(oids) levels in the aquatic environment and nuclear alterations in fish in a tropical river impacted by gold mining. <i>Environmental Research</i> , 2023, 224, 115517.	3.7	2
4756	Effects of multiple stressors on benthic invertebrates using Water Framework Directive monitoring data. <i>Science of the Total Environment</i> , 2023, 878, 162952.	3.9	4
4757	Water consumption from electrolytic hydrogen in a carbon-neutral US energy system. <i>Cleaner Production Letters</i> , 2023, 4, 100037.	1.2	3

#	ARTICLE	IF	CITATIONS
4758	Water resources system vulnerability in high mountain areas under climate change. <i>Journal of Cleaner Production</i> , 2023, 403, 136789.	4.6	1
4759	Difunctional MOF-wrapped graphene membranes for efficient photothermal membrane distillation and VOCs interception. <i>Journal of Membrane Science</i> , 2023, 676, 121592.	4.1	5
4760	A flexible framework for regionalization of base flow for river habit maintenance and its thresholds. <i>Science of the Total Environment</i> , 2023, 876, 162748.	3.9	0
4761	Toxicity of malachite green on plants and its phytoremediation: A review. <i>Regional Studies in Marine Science</i> , 2023, 62, 102911.	0.4	12
4762	The enhanced charge separation over dual Z-scheme MoS ₂ @g-C ₃ N ₄ /ZIF-8(Zn) photocatalyst: The boosted Fenton activation model and DFT calculation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2023, 441, 114756.	2.0	6
4763	Investigation of the simultaneous interactions of experimental variables and mechanism pathway in the photodegradation of methylene blue by binary ZnO/Cu ₂ O photocatalyst. <i>Materials Research Bulletin</i> , 2023, 164, 112237.	2.7	10
4764	Chemical Mixtures and Multiple Stressors: Same but Different?. <i>Environmental Toxicology and Chemistry</i> , 2023, 42, 1915-1936.	2.2	5
4765	Adaptability analysis of water pollution and advanced industrial structure in Jiangsu Province, China. <i>Ecological Modelling</i> , 2023, 481, 110365.	1.2	21
4768	Exploring multiple stressor effects with Ecopath, Ecosim, and Ecospace: Research designs, modeling techniques, and future directions. <i>Science of the Total Environment</i> , 2023, 869, 161719.	3.9	13
4769	Increasing Flood Frequencies Under Warming in the West-Central Himalayas. <i>Water Resources Research</i> , 2023, 59, .	1.7	3
4770	Global water resources and the role of groundwater in a resilient water future. <i>Nature Reviews Earth & Environment</i> , 2023, 4, 87-101.	12.2	119
4771	Implementation of the AdH hydrodynamic model on the WĄ,ocĄ,awek Reservoir. <i>Geographia Polonica</i> , 2023, 95, 371-386.	0.3	2
4772	Riverine food environments and food security: a case study of the Mekong River, Cambodia. <i>Bulletin of the World Health Organization</i> , 2023, 101, 140-148.	1.5	1
4773	Doing Science in Ecology. Does river flow show a path?. , 2023, 42, 1.		0
4774	Can a Protected Area Help Improve Fish Populations under Heavy Recreation Fishing?. <i>Water (Switzerland)</i> , 2023, 15, 632.	1.2	3
4775	Down the River: Glyphosate Use in Agriculture and Birth Outcomes of Surrounding Populations. <i>Review of Economic Studies</i> , 2023, 90, 2943-2981.	2.9	4
4776	The Current Status, Energy Implications, and Governance of Urban Wastewater Treatment and Reuse: A System Analysis of the Beijing Case. <i>Water (Switzerland)</i> , 2023, 15, 630.	1.2	1
4777	Impacts of small-scale irrigation water use on environmental flow of ungauged rivers in Africa. <i>Environmental Systems Research</i> , 2023, 12, .	1.5	1

#	ARTICLE	IF	CITATIONS
4778	A fully automatic and high-accuracy surface water mapping framework on Google Earth Engine using Landsat time-series. <i>International Journal of Digital Earth</i> , 2023, 16, 210-233.	1.6	6
4779	A moderate differential effect of organic and conventional agriculture across taxonomic groups inhabiting farmland ponds. <i>Freshwater Biology</i> , 2023, 68, 645-658.	1.2	0
4780	Response and recovery mechanisms of river microorganisms to gradient concentrations of estrogen. <i>Frontiers in Microbiology</i> , 0, 14, .	1.5	0
4781	Where should hydrology go? An early-career perspective on the next IAHS Scientific Decade: 2023â€“2032. <i>Hydrological Sciences Journal</i> , 2023, 68, 529-541.	1.2	3
4782	People need freshwater biodiversity. <i>Wiley Interdisciplinary Reviews: Water</i> , 2023, 10, .	2.8	21
4783	Monitoring groundwater storage in a fractured volcanic aquifer system. <i>Environmental Monitoring and Assessment</i> , 2023, 195, .	1.3	0
4784	Effect of hydrological modification on the potential toxicity of <i>Microcystis aeruginosa</i> complex in Salto Grande reservoir, Uruguay. <i>Harmful Algae</i> , 2023, 123, 102403.	2.2	2
4785	Tools and Solutions for Watershed Management and Planning Under Climate Change. <i>Springer Climate</i> , 2023, , 521-548.	0.3	0
4786	A comprehensive analysis of impacts of socio-economic development and land use on river water quality in a megacity-region: a case study. <i>Environmental Research Communications</i> , 2023, 5, 025006.	0.9	1
4787	Interâ€“decadal variation in diadromous and potamodromous fish assemblages in a near pristine tropical dryland river. <i>Ecology of Freshwater Fish</i> , 2023, 32, 444-463.	0.7	3
4788	Mining activities accelerate the decomposition of organic matter from aquatic ecosystems through soil microbes. <i>Land Degradation and Development</i> , 0, , .	1.8	1
4789	Diatomâ€“salinity thresholds in experimental outdoor streams reinforce the need for stricter water quality guidelines in South Australia. <i>Hydrobiologia</i> , 0, , .	1.0	1
4790	Water Stewardshipâ€“Bridging the Knowledge and the Financial Gaps. , 2023, , 121-151.		0
4791	Temporal changes and flow pattern analysis using Colwell indices in mountainous rivers. <i>Environment, Development and Sustainability</i> , 2024, 26, 7757-7774.	2.7	1
4792	Microbiome response in an urban river system is dominated by seasonality over wastewater treatment upgrades. <i>Environmental Microbiomes</i> , 2023, 18, .	2.2	0
4793	Comparison of Three Imputation Methods for Groundwater Level Timeseries. <i>Water (Switzerland)</i> , 2023, 15, 801.	1.2	2
4794	Frontiers in Freshwater Ecology, Conservation and Water Treatment Technologies. <i>Applied Sciences (Switzerland)</i> , 2023, 13, 2605.	1.3	0
4795	Can the Eurasian otter (<i>Lutra lutra</i>) be used as an effective sampler of fish diversity? Using molecular assessment of otter diet to survey fish communities. <i>Metabarcoding and Metagenomics</i> , 0, 7, .	0.0	3

#	ARTICLE	IF	CITATIONS
4796	Correlation of stagnant wetland depths and their ecological status in the Central Tamil Nadu District, Tamil Nadu. <i>Environmental Science and Pollution Research</i> , 2023, 30, 51955-51976.	2.7	0
4797	The RACE for freshwater biodiversity: Essential actions to create the social context for meaningful conservation. <i>Conservation Science and Practice</i> , 2023, 5, .	0.9	5
4798	Hydromorphological Information in Historical Maps of Switzerland: From Map Feature Definition to Ecological Metric Derivation. <i>Annals of the American Association of Geographers</i> , 2023, 113, 799-816.	1.5	0
4799	Continuous precipitation loss induced more pronounced compositional and diversity changes in the lotic phytoplankton than one-off drought events. <i>Ecological Indicators</i> , 2023, 148, 110051.	2.6	2
4800	Using multiple lines of evidence to assess recovery potential of a warm water fish population in a cold water impacted river. <i>Frontiers in Conservation Science</i> , 0, 4, .	0.9	1
4801	Fragmentation Level Drives Local Fish Assemblage Diversity Patterns in Fragmented River Basins. <i>Diversity</i> , 2023, 15, 352.	0.7	0
4802	Adaptive water management in response to climate change: the case of the southern Murray-Darling Basin. <i>Australian Journal of Water Resources</i> , 2023, 27, 271-288.	1.6	2
4803	Landscape Patterns and Topographic Features Affect Seasonal River Water Quality at Catchment and Buffer Scales. <i>Remote Sensing</i> , 2023, 15, 1438.	1.8	4
4804	Regional analysis of the 2015–16 Lower Mekong River basin drought using NASA satellite observations. <i>Journal of Hydrology: Regional Studies</i> , 2023, 46, 101362.	1.0	2
4805	Vertical Growth of WO ₃ Nanosheets on TiO ₂ Nanoribbons as 2D/1D Heterojunction Photocatalysts with Improved Photocatalytic Performance under Visible Light. <i>Catalysts</i> , 2023, 13, 556.	1.6	1
4806	Finding Ngabi (<i>Hemiaspis damelii</i>): factors affecting the use of modified floodplain wetlands by an endangered snake. <i>Wildlife Research</i> , 2023, , .	0.7	1
4807	Differences in the Natural Swimming Behavior of <i>Schizothorax prenanti</i> Individual and Schooling in Spatially Heterogeneous Turbulent Flows. <i>Animals</i> , 2023, 13, 1025.	1.0	1
4808	Research and innovation missions to transform future water systems. , 2023, 1, 219-222.		4
4809	Community Survey on Anthropogenic Activities Affecting the Rawan-Oya Tributary of Mahaweli River in Kandy District, Sri Lanka. <i>ACS ES&T Water</i> , 0, , .	2.3	0
4810	Spatiotemporal dynamics analysis of surface water body and snow cover area to climate change in Gilgit Baltistan, Pakistan. <i>Physical Geography</i> , 2023, 44, 600-619.	0.6	0
4811	Bioassessment of multiple stressors in Afrotropical rivers: Evaluating the performance of a macroinvertebrate-based index of biotic integrity, diversity, and regional biotic indices. <i>Frontiers in Environmental Science</i> , 0, 11, .	1.5	0
4812	Low Flow Trends in Texas Stream Segments Serving Unique Hydrologic Functions. , 2023, 14, 3-33.		0
4813	Effects of environment and metacommunity delineation on multiple dimensions of stream fish beta diversity. <i>Frontiers in Ecology and Evolution</i> , 0, 11, .	1.1	0

#	ARTICLE	IF	CITATIONS
4814	Classifying groundwater ecosystems. , 2023, , 39-60.		0
4815	Promoting Water Efficiency in a Municipal Market Building: A Case Study. <i>Hydrology</i> , 2023, 10, 69.	1.3	1
4816	Separating the Precipitationâ€•and Nonâ€•Precipitationâ€•Driven Water Storage Trends in China. <i>Water Resources Research</i> , 2023, 59, .	1.7	6
4817	Diversity, distribution, and conservation of the Trichoptera and their habitats in northâ€•eastern Algeria. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 0, , .	0.9	1
4818	Simulating hydrological extremes for different warming levelsâ€•combining large scale climate ensembles with local observation based machine learning models. <i>Frontiers in Water</i> , 0, 5, .	1.0	0
4820	Local and species contribution to the beta diversity and rarity of riparian spider community of the Ganga River, India. <i>Community Ecology</i> , 2023, 24, 189-199.	0.5	2
4821	Modeling and Analysis of Contactless Solar Evaporation for Scalable Application. <i>Applied Sciences (Switzerland)</i> , 2023, 13, 4052.	1.3	0
4822	A Comprehensive Study on Smart Agriculture Applications in India. <i>Wireless Personal Communications</i> , 2023, 129, 2345-2385.	1.8	6
4823	Long Short-Term Memory Network Based Wastewater Quality Prediction Model with Sparrow Search Algorithm. <i>International Journal of Wavelets, Multiresolution and Information Processing</i> , 0, , .	0.9	1
4824	Effect of complex hydraulic variables and physicochemical factors on freshwater mussel density in the largest floodplain lake, China. <i>Ecological Processes</i> , 2023, 12, .	1.6	0
4825	Constructed wetlands for pollution control. <i>Nature Reviews Earth & Environment</i> , 2023, 4, 218-234.	12.2	58
4826	Ensemble Learning Simulation Method for Hydraulic Characteristic Parameters of Emitters Driven by Limited Data. <i>Agronomy</i> , 2023, 13, 986.	1.3	2
4827	Ï€-Electron-Extended Triazine-Based Covalent Organic Framework as Photocatalyst for Organic Pollution Degradation and H ₂ Production from Water. <i>Polymers</i> , 2023, 15, 1685.	2.0	8
4828	Design Strategy of Corrosion-Resistant Electrodes for Seawater Electrolysis. <i>Materials</i> , 2023, 16, 2709.	1.3	3
4829	Ecological and Economic Impacts of Alien Invasive Yellow Flag (<i>Iris pseudacorus</i> L.) in China. <i>Sustainability</i> , 2023, 15, 5905.	1.6	1
4830	An Economic Model of Spatial and Temporal Water Trade in the Australian Southern Murrayâ€•Darling Basin. <i>Water Resources Research</i> , 2023, 59, .	1.7	2
4831	Saskatchewan Condition Assessment of Lotic Ecosystems (SCALE): A multivariate tool for assessing the integrity of Northern Great Plains wadeable rivers and streams. <i>Facets</i> , 2023, 8, 1-31.	1.1	0
4832	Are perch (<i>Perca fluviatilis</i> L.) getting larger or smaller in Swedish lakes?. <i>Ecology of Freshwater Fish</i> , 2023, 32, 735-749.	0.7	1

#	ARTICLE	IF	CITATIONS
4833	Leading the path toward sustainable freshwater management: Reconciling challenges and opportunities in historical, hybrid, and novel ecosystem types. <i>Wiley Interdisciplinary Reviews: Water</i> , 2023, 10, .	2.8	2
4834	Effects of anthropogenic stress on hosts and their microbiomes: Treated wastewater alters performance and gut microbiome of a key detritivore (<i>Asellus aquaticus</i>). <i>Evolutionary Applications</i> , 2023, 16, 824-848.	1.5	0
4835	Perspectives on the Contributions of Women to the Hydrologic Sciences and Their Changing Demographics at USDA Forest Service Experimental Forests and Ranges. <i>Journal of Hydrology</i> , 2023, , 129469.	2.3	0
4837	Learning from the Past: What Cultural Heritage Can Teach Us About Water Storage and Management. , 2023, , 437-457.		0
4838	Effect of Different Water Salinities on the Larvae of the Blue Bream <i>Ballerus ballerus</i> (Linnaeus, 1758) during Rearing. <i>Animals</i> , 2023, 13, 1245.	1.0	1
4839	Hydropower Plants as Dispersal Barriers in Freshwater Species Distribution Models: Using Restrictions through Asymmetrical Dispersal Predictors. <i>Environmental Management</i> , 0, , .	1.2	0
4840	Innovation in water education programs in the Eastern Mediterranean to enhance security and socio-economic development under climate change. <i>Euro-Mediterranean Journal for Environmental Integration</i> , 0, , .	0.6	0
4841	Boosting large-scale river connectivity restoration by planning for the presence of unrecorded barriers. <i>Conservation Biology</i> , 0, , .	2.4	0
4842	High-spatiotemporal-resolution dynamic water monitoring using LightGBM model and Sentinel-2 MSI data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2023, 118, 103278.	0.9	2
4843	Factors affecting the transferability of bioindicators based on stream fish assemblages. <i>Science of the Total Environment</i> , 2023, 881, 163417.	3.9	1
4844	Reflecting on the Future of Human-Water Relationships. <i>Law and Social Inquiry</i> , 0, , 1-6.	0.5	0
4845	Spatiotemporal characterization of heavy metal and antibiotics in the Pearl River Basin and pollutants removal assessment using invasive species-derived biochars. <i>Journal of Hazardous Materials</i> , 2023, 454, 131409.	6.5	7
4846	Su Eđitiminde Sistemik ve Disiplinleraras± Yaklađ±mlar± Kullanarak Karmađ±kl± Anlamak. <i>Uludađ Ğeniversitesi Eđitim Fak±ltesi Dergisi</i> , 0, , .	0.8	0
4847	Catchment land use drivers are weak predictors of lakes™ phytoplankton assemblage structure at functional group level. <i>Hydrobiologia</i> , 2023, 850, 2075-2088.	1.0	1
4848	Hybrid multi-model ensemble learning for reconstructing gridded runoff of Europe for 500 years. <i>Information Fusion</i> , 2023, 97, 101807.	11.7	2
4849	General patterns of beavers™ selective foraging: how to evaluate the effects of a re-emerging driver of vegetation change along Central European small watercourses. <i>Biodiversity and Conservation</i> , 2023, 32, 2197-2220.	1.2	2
4850	Potentials, Threats, and Sustainable Conservation Strategies of Plankton and Macrophytes. <i>Sustainable Development and Biodiversity</i> , 2023, , 85-117.	1.4	2
4851	Global occurrence of synthetic glucocorticoids and glucocorticoid receptor agonistic activity, and aquatic hazards in effluent discharges and freshwater systems. <i>Environmental Pollution</i> , 2023, 329, 121638.	3.7	3

#	ARTICLE	IF	CITATIONS
4852	Water Security and Environmental Impact Assessment: A Study for Developing Economies. , 0, , .		0
4853	On Understanding the Drinking Water Treatment Requirements in Assam, India, During Emergencies. Advances in Geographical and Environmental Sciences, 2023, , 359-383.	0.4	0
4854	Applications of environmental DNA (eDNA) to detect subterranean and aquatic invasive species: A critical review on the challenges and limitations of eDNA metabarcoding. Environmental Advances, 2023, 12, 100370.	2.2	10
4855	Regional Trends of Biodiversity Indices in the Temperate Mesic United States: Testing for Influences of Anthropogenic Land Use on Stream Fish while Controlling for Natural Landscape Variables. Water (Switzerland), 2023, 15, 1591.	1.2	2
4856	Degradation of organic pollutants in the presence of new Mn (II) complexes under ambient light or darkness conditions. Journal of Photochemistry and Photobiology A: Chemistry, 2023, 442, 114775.	2.0	2
4857	Alleviating the Work Function of Veinâ€™Like Co_XP by Cr Doping for Enhanced Seawater Electrolysis. Advanced Functional Materials, 2023, 33, .	7.8	27
4858	Healthy aquatic ecosystem, towards sustainable food supply. , 2023, , 275-298.		0
4859	MnNx-Carbon-Silica-Framework for highly efficient heterogeneous catalytic ozonation of electron-rich organics through nonradical pathway. Chemical Engineering Journal, 2023, 466, 143110.	6.6	5
4860	Design of hybrid g-C3N4/GO/MCE photocatalytic membranes with enhanced separation performance under visible-light irradiation. Chemical Engineering Journal, 2023, 466, 143164.	6.6	8
4861	Alleviating groundwater depletion while realizing food security for sustainable development. Journal of Cleaner Production, 2023, 393, 136351.	4.6	4
4875	The impact of land use on stream macroinvertebrates: a bibliometric analysis for 2010â€™2021. Environmental Monitoring and Assessment, 2023, 195, .	1.3	1
4890	3. Research Design and Methodology. Edition Politik, 2023, , 67-90.	0.0	0
4893	6. Empirical Analysis of the Mediterranean Basins of Andalusia. Edition Politik, 2023, , 161-192.	0.0	0
4895	2. Conceptual Framework. Edition Politik, 2023, , 25-66.	0.0	0
4896	4. Empirical Analysis of the Guadalquivir. Edition Politik, 2023, , 91-126.	0.0	0
4898	5. Empirical Analysis of the Jucar. Edition Politik, 2023, , 127-160.	0.0	0
4900	Appendix 1: Case selection process. Edition Politik, 2023, , 267-268.	0.0	0
4904	Appendix 2: List of interviews. Edition Politik, 2023, , 269-274.	0.0	0

#	ARTICLE	IF	CITATIONS
4906	7. Comparative Analysis and Conclusion. Edition Politik, 2023, , 193-232.	0.0	0
4928	Editorial: Freshwater science in Africa. Frontiers in Environmental Science, 0, 11, .	1.5	0
4943	Quality Analysis of the Ganges River Water Utilizing Machine Learning Technologies. Advances in Intelligent Systems and Computing, 2023, , 11-20.	0.5	0
4948	Freshwater Fishes: Threatened Species and Threatened Waters on a Global Scale. , 2023, , 177-205.		0
4961	Physical and chemical characterization of water in irrigation Al-Ishaqi project. AIP Conference Proceedings, 2023, , .	0.3	0
4970	Potential Mitigation of Dyes Through Mxene Composites. , 2023, , 283-300.		0
4987	Improved Electrochemical Alkaline Seawater Oxidation over Cobalt Carbonate Hydroxide Nanowire Array by Iron Doping. Inorganic Chemistry, 2023, 62, 11746-11750.	1.9	4
4999	Porous organic polymers as a promising platform for efficient capture of heavy metal pollutants in wastewater. Polymer Chemistry, 2023, 14, 4000-4032.	1.9	5
5004	Membrane-based separation technologies for zero liquid discharge. , 2023, , 109-128.		0
5019	Plasmonic photocatalysis using porous bimetallic AuPt structure. , 2023, , .		0
5021	The distribution of the world's internationally important wetlands and their contribution to global protected area goals and Aichi Biodiversity Target 11. , 2023, , 115-152.		1
5023	Supplemental Technologies for Freshwater Fish Conservation. , 2023, , 275-321.		0
5027	An amorphous FeMoO ₄ nanorod array enabled high-efficiency oxygen evolution electrocatalysis in alkaline seawater. Nano Research, 0, , .	5.8	8
5048	Heavy Metal Contamination in Groundwater: Environmental Concerns and Mitigation Measures. , 2023, , 139-165.		0
5059	Surface water quality, public health, and ecological risks in Bangladesh—a systematic review and meta-analysis over the last two decades. Environmental Science and Pollution Research, 2023, 30, 91710-91728.	2.7	4
5070	Inland Waters: The Future of Limnology is Interdisciplinary, Collaborative, Inclusive, and Global. , 2024, , 1045-1061.		0
5075	Urban river governance. , 2024, , 263-282.		0
5076	How Much Freshwater Is Available?. Springer Climate, 2023, , 59-79.	0.3	0

#	ARTICLE	IF	CITATIONS
5078	Advances in Sustainable Strategies for Water Pollution Control: A Systematic Review. , 0, , .		0
5080	Addressing global water stress using desalination and atmospheric water harvesting: a thermodynamic and technoeconomic perspective. Energy and Environmental Science, 2023, 16, 4983-4993.	15.6	3
5087	Carbon-based functional materials for atmospheric water utilization. Nano Research, 0, , .	5.8	0
5091	River Healthy Assessment in Developing Countriesâ€”A Case Study on Yellow River. Environmental Science and Engineering, 2023, , 133-153.	0.1	0
5129	Modeling Human Dimensions to Reduce the Disaster Risk: A Socio-Hydrological Approach. , 2023, , 3-24.		0
5147	Spatial assessment of crop, livestock, and domestic water footprint in Southeast Asia Region. AIP Conference Proceedings, 2023, , .	0.3	0
5157	IoT in Stormwater Management. , 2024, , 1-6.		0
5164	NANO-HIERARCHICAL METAL-ORGANIC FRAMEWORKS FOR ENHANCED DEW HARVESTING EFFICIENCY. , 2023, , .		0
5167	Highly efficient sustainable strategies toward carbon-neutral energy production. Energy and Environmental Science, 2024, 17, 1007-1045.	15.6	1
5178	Drought, disturbance and river resilience in the southern Murrayâ€”Darling Basin, Australia. , 2024, , 135-155.		0
5188	Flow management through a resilience lens: Allocation of an environmental water budget using the Functional Flows Adaptive Implementation Model. , 2024, , 469-490.		0
5189	The Anthropocene: Rivers and resilience. , 2024, , 209-228.		0
5196	River-Coast Connectivity, Estuarine Nursery Function and Coastal Fisheries. , 2024, , 163-205.		1
5209	The resilience of riverine ecological communities. , 2024, , 23-39.		0
5227	Estimating Lake Evaporation for the South Saskatchewan River Basin of Alberta. Lecture Notes in Civil Engineering, 2024, , 925-940.	0.3	0
5235	Leveraging Artificial Intelligent Model for Water Quality Indices Assessment: A Comprehensive Study and Framework. , 2023, , .		0
5241	Water Governance Transitions Pathway: Adaptive Water Governance. Disaster Resilience and Green Growth, 2024, , 321-339.	0.2	0
5242	Extraction of Surface Water Bodies using Optical Remote Sensing Images: A Review. Earth Science Informatics, 2024, 17, 893-956.	1.6	0

#	ARTICLE	IF	CITATIONS
5269	Trout Under Drought: A Long-Term Study of Annual Growth and Condition of Stream-Living Coastal Cutthroat Trout (<i>Oncorhynchus clarkii clarkii</i>). , 2024, , 343-369.		0
5282	Brazil: Environmentally Integrated Basin Experiments (EIBEX) Driven by Hydrological Change, Sustainable Practices, and Water Security in Brazil. , 2024, , 1-66.		0