

Landscapes and Riverscapes: The Influence of Land Use

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Lateral organization of aquatic invertebrates along the corridor of a braided floodplain river. <i>Journal of the North American Benthological Society</i> , 2005, 24, 934-954.	3.0	79
2	Spatial-Scale Effects on Relative Importance of Physical Habitat Predictors of Stream Health. <i>Environmental Management</i> , 2005, 36, 899-917.	1.2	35
3	Macroinvertebrate response to land cover, habitat, and water chemistry in a mining-impacted river ecosystem: A GIS watershed analysis. <i>Aquatic Sciences</i> , 2005, 67, 403-423.	0.6	33
4	Urban Storm-Water Regulations—Are Impervious Area Limits a Good Idea?. <i>Journal of Environmental Engineering, ASCE</i> , 2005, 131, 176-179.	0.7	13
5	Determination of optimal riparian forest buffer dimensions for stream biota—landscape association models using multimetric and multivariate responses. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2005, 62, 1-6.	0.7	50
6	The urban stream syndrome: current knowledge and the search for a cure. <i>Journal of the North American Benthological Society</i> , 2005, 24, 706-723.	3.0	2,105
7	Are leaf breakdown rates a useful measure of stream integrity along an agricultural landuse gradient?. <i>Journal of the North American Benthological Society</i> , 2006, 25, 330-343.	3.0	95
8	Relationships among nutrients, algae, and land use in urbanized southern California streams. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006, 63, 2621-2638.	0.7	53
9	Information needs for assessing critical habitat of freshwater fish. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006, 63, 683-698.	0.7	129
10	Comparison of structural and functional approaches to determining landuse effects on grassland stream invertebrate communities. <i>Journal of the North American Benthological Society</i> , 2006, 25, 44-60.	3.0	206
11	Macroinvertebrate distribution in relation to land use and water chemistry in New York City drinking-water-supply watersheds. <i>Journal of the North American Benthological Society</i> , 2006, 25, 954-976.	3.0	59
12	THE CHALLENGE OF PROVIDING ENVIRONMENTAL FLOW RULES TO SUSTAIN RIVER ECOSYSTEMS. , 2006, 16, 1311-1318.		935
13	Incorporating ecological knowledge into ecoinformatics: An example of modeling hierarchically structured aquatic communities with neural networks. <i>Ecological Informatics</i> , 2006, 1, 33-42.	2.3	48
14	Hydrologic variation with land use across the contiguous United States: Geomorphic and ecological consequences for stream ecosystems. <i>Geomorphology</i> , 2006, 79, 264-285.	1.1	335
15	Forecasting faunal and floral homogenization associated with human population geography in North America. <i>Biological Conservation</i> , 2006, 127, 261-271.	1.9	110
16	Winners and losers among stream fishes in relation to land use legacies and urban development in the southeastern US. <i>Biological Conservation</i> , 2006, 127, 301-309.	1.9	90
17	DEVELOPMENTS IN AQUATIC INSECT BIOMONITORING: A Comparative Analysis of Recent Approaches. <i>Annual Review of Entomology</i> , 2006, 51, 495-523.	5.7	732
18	Effects of the proximity from an industrial plant on fish assemblages in the rio Para�ba do Sul, southeastern Brazil. <i>Neotropical Ichthyology</i> , 2006, 4, 269-278.	0.5	26

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19	Integrity of fluvial fish communities is subject to environmental gradients in mountain streams, Sierra de Aroa, north Caribbean coast, Venezuela. <i>Neotropical Ichthyology</i> , 2006, 4, 319-328.	0.5	13
20	An environmental assessment of an impacted, urbanized watershed: the Mona Lake Watershed, Michigan. <i>Archiv für Hydrobiologie</i> , 2006, 166, 117-144.	1.1	17
21	ADAPTING EXISTING MODELS TO EXAMINE EFFECTS OF AGRICULTURAL CONSERVATION PROGRAMS ON STREAM HABITAT QUALITY. <i>Journal of the American Water Resources Association</i> , 2006, 42, 25-33.	1.0	22
22	Stream communities across a rural-urban landscape gradient. <i>Diversity and Distributions</i> , 2006, 12, 337-350.	1.9	179
23	Stability of the Wabash River fish assemblages from 1974 to 1998. <i>Freshwater Biology</i> , 2006, 51, 1789-1797.	1.2	38
24	Effects of Landscape and Riparian Condition on a Fish Index of Biotic Integrity in a Large Southeastern Brazil River. <i>Hydrobiologia</i> , 2006, 556, 69-83.	1.0	77
25	Ecology of the Jollyville Plateau Salamander (<i>Eurycea tonkawae</i> : Plethodontidae) with an Assessment of the Potential Effects of Urbanization. <i>Hydrobiologia</i> , 2006, 553, 111-120.	1.0	33
26	Reconstructing the historical trophic status of northwestern Pennsylvania lakes using GIS. <i>Hydrobiologia</i> , 2006, 571, 273-281.	1.0	0
27	Long-term changes in ecosystem health of two Hudson Valley watersheds, New York, USA, 1936–2001. <i>Hydrobiologia</i> , 2006, 571, 313-327.	1.0	8
28	Local and regional factors determining aquatic and semi-aquatic bug (Heteroptera) assemblages in rivers and streams of Greece. <i>Hydrobiologia</i> , 2006, 573, 199-212.	1.0	44
29	Landscape attributes and life history variability shape genetic structure of trout populations in a stream network. <i>Landscape Ecology</i> , 2006, 21, 901-916.	1.9	149
30	Regional patterns of riparian characteristics in the interior Columbia River basin, Northwestern USA: applications for restoration planning. <i>Landscape Ecology</i> , 2006, 21, 1347-1360.	1.9	20
31	Effect of Silt, Water and Periphyton Quality on Survival and Growth of the Mayfly <i>Heptagenia sulphurea</i> . <i>Aquatic Ecology</i> , 2006, 40, 373-380.	0.7	10
32	Ecological Thresholds: The Key to Successful Environmental Management or an Important Concept with No Practical Application?. <i>Ecosystems</i> , 2006, 9, 1-13.	1.6	829
33	Controls on Nutrients Across a Prairie Stream Watershed: Land Use and Riparian Cover Effects. <i>Environmental Management</i> , 2006, 37, 634-646.	1.2	60
34	A Spatially Explicit Resource-Based Approach for Managing Stream Fishes in Riverscapes. <i>Environmental Management</i> , 2006, 37, 322-335.	1.2	41
35	Importance of Riparian Forests in Urban Catchments Contingent on Sediment and Hydrologic Regimes. <i>Environmental Management</i> , 2006, 37, 523-539.	1.2	48
36	Stream fish assemblages and basin land cover in a river network. <i>Science of the Total Environment</i> , 2006, 365, 140-153.	3.9	51

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37	Effects of Changing Rainfall on the Limnology of a Mediterranean, Flowthrough-Seepage Chain of Lakes. <i>International Review of Hydrobiology</i> , 2006, 91, 466-482.	0.5	17
38	Enhanced source-water monitoring for New York City: summary and perspective. <i>Journal of the North American Benthological Society</i> , 2006, 25, 1062-1067.	3.0	4
39	Landscape template of New York City's drinking-water-supply watersheds. <i>Journal of the North American Benthological Society</i> , 2006, 25, 867-886.	3.0	24
40	Relating major ions and nutrients to watershed conditions across a mixed-use, water-supply watershed. <i>Journal of the North American Benthological Society</i> , 2006, 25, 887-911.	3.0	50
41	Stormwater and Aquatic Life: Making the Connection Between Impervious Cover and Aquatic Life Impairments for TMDL Development in Connecticut Streams. <i>Proceedings of the Water Environment Federation</i> , 2007, 2007, 1003-1018.	0.0	20
42	Toxins in transgenic crop byproducts may affect headwater stream ecosystems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 16204-16208.	3.3	220
43	THE LAND-COVER CASCADE: RELATIONSHIPS COUPLING LAND AND WATER. <i>Ecology</i> , 2007, 88, 228-242.	1.5	116
44	Nitrogen dynamics in grassland streams along a gradient of agricultural development. <i>Limnology and Oceanography</i> , 2007, 52, 1246-1257.	1.6	19
45	River sediments provide a link between catchment pressures and ecological status in a mixed land use Scottish River system. <i>Water Research</i> , 2007, 41, 2803-2815.	5.3	49
46	Are higher taxa adequate surrogates for species-level assemblage patterns and species richness in stream organisms?. <i>Biological Conservation</i> , 2007, 137, 78-89.	1.9	217
47	Biological integrity in urban streams: Toward resolving multiple dimensions of urbanization. <i>Landscape and Urban Planning</i> , 2007, 79, 110-123.	3.4	23
48	Multiscale effects of flow regime and habitat and their interaction on fish assemblage structure in eastern Australia. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2007, 64, 1346-1359.	0.7	92
49	Longitudinal changes in biota along four New Zealand streams: Declines and improvements in stream health related to land use. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2007, 41, 63-75.	0.8	27
50	Estimating Multi-Factor Cumulative Watershed Effects on Fish Populations with an Individual-Based Model. <i>Fisheries</i> , 2007, 32, 292-298.	0.6	24
51	A comparison of the catchment sizes of rivers, streams, ponds, ditches and lakes: implications for protecting aquatic biodiversity in an agricultural landscape. , 2007, , 7-17.		3
52	The Nature and Value of Ecosystem Services: An Overview Highlighting Hydrologic Services. <i>Annual Review of Environment and Resources</i> , 2007, 32, 67-98.	5.6	961
53	Assessing of biotic integrity of the fish community in a heavily impacted segment of a tropical river in Brazil. <i>Brazilian Archives of Biology and Technology</i> , 2007, 50, 489-502.	0.5	45
54	Soil loss risk and habitat quality in streams of a meso-scale river basin. <i>Scientia Agricola</i> , 2007, 64, 336-343.	0.6	38

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55	Phosphorus Limitation, Uptake, and Turnover in Benthic Stream Algae. , 2007, , 187-212.		2
56	Water in the Landscape: The Coupling of Aquatic Ecosystems and their Catchments. , 0, , 458-472.		1
57	Associations of watershed vegetation and environmental variables with fish and crayfish assemblages in headwater streams of the Pedernales River, Texas. River Research and Applications, 2007, 23, 979-996.	0.7	7
58	COST EFFECTIVENESS OF VEGETATIVE FILTER STRIPS AND INSTREAM HALF-LOGS FOR ECOLOGICAL RESTORATION1. Journal of the American Water Resources Association, 2007, 42, 1349-1361.	1.0	0
59	Relative Influence of Streamflows in Assessing Temporal Variability in Stream Habitat. Journal of the American Water Resources Association, 2007, 43, 642-650.	1.0	9
60	A Biological Assessment of Streams in the Eastern United States Using a Predictive Model for Macroinvertebrate Assemblages. Journal of the American Water Resources Association, 2007, 43, 1194-1207.	1.0	23
61	Bayesian clustering with AutoClass explicitly recognises uncertainties in landscape classification. Ecography, 2007, 30, 526-536.	2.1	24
62	Multi-scale analysis of responses of stream macrobenthos to forestry activities and environmental context. Freshwater Biology, 2007, 52, 85-97.	1.2	47
63	Integrating stream bioassessment and landscape ecology as a tool for land use planning. Freshwater Biology, 2007, 52, 908-917.	1.2	25
64	Management options for river conservation planning: condition and conservation re-visited. Freshwater Biology, 2007, 52, 918-938.	1.2	105
65	Ecological relationships between stream communities and spatial scale: implications for designing catchment-level monitoring programmes. Freshwater Biology, 2007, 52, 939-958.	1.2	138
66	Stream ecosystem responses to spatially variable land cover: an empirically based model for developing riparian restoration strategies. Freshwater Biology, 2007, 52, 680-695.	1.2	33
67	Emission of methane from chalk streams has potential implications for agricultural practices. Freshwater Biology, 2007, 52, 1176-1186.	1.2	99
68	Herbs and grasses as an allochthonous resource in open-canopy headwater streams. Freshwater Biology, 2007, 52, 1689-1699.	1.2	45
69	The riverscape of Western Amazonia â€“ a quantitative approach to the fluvial biogeography of the region. Journal of Biogeography, 2007, 34, 1374-1387.	1.4	96
70	River Restoration in the Twentyâ€™First Century: Data and Experiential Knowledge to Inform Future Efforts. Restoration Ecology, 2007, 15, 472-481.	1.4	206
71	Regional and local environmental correlates of native Iberian fish fauna. Ecology of Freshwater Fish, 2007, 16, 504-514.	0.7	44
72	Enhancing a landscape assessment with intensive data: A case study in the Upper Juniata watershed. Wetlands, 2007, 27, 446-461.	0.7	13

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73	Stream Communities Along a Catchment Land-Use Gradient: Subsidy-Stress Responses to Pastoral Development. <i>Environmental Management</i> , 2007, 39, 213-225.	1.2	117
74	Can Warmwater Streams Be Rehabilitated Using Watershed-Scale Standard Erosion Control Measures Alone?. <i>Environmental Management</i> , 2007, 40, 62-79.	1.2	26
75	Riparian influences on stream fish assemblage structure in urbanizing streams. <i>Landscape Ecology</i> , 2007, 22, 385-402.	1.9	43
76	Spatial patterns of macroinvertebrate functional feeding groups in streams in relation to physical variables and land-cover in Southwestern France. <i>Landscape Ecology</i> , 2007, 22, 1215-1225.	1.9	84
77	Trend Analysis of Nutrient Concentrations and Loads in Selected Canals of the Southern Indian River Lagoon, Florida. <i>Water, Air, and Soil Pollution</i> , 2007, 186, 195-208.	1.1	22
78	Can Basin Land Use Effects on Physical Characteristics of Streams Be Determined at Broad Geographic Scales?. <i>Environmental Monitoring and Assessment</i> , 2007, 130, 495-510.	1.3	28
79	The effects of landscape-level disturbance on the composition of Minnesota caddisfly (Insecta: Trichoptera) communities. <i>Environmental Monitoring and Assessment</i> , 2007, 135, 253-264.	1.3	22
80	Longitudinal patterns of fish assemblages in small unregulated subbasins: evaluating reach- and watershed-scale parameters. <i>Hydrobiologia</i> , 2007, 592, 211-223.	1.0	12
81	Land use and land cover tools for climate adaptation. <i>Climatic Change</i> , 2007, 80, 239-251.	1.7	31
82	The Role of Ecotones in Emerging Infectious Diseases. <i>EcoHealth</i> , 2007, 3, 281-289.	0.9	115
83	Parametric distance weighting of landscape influence on streams. <i>Landscape Ecology</i> , 2008, 23, 427-438.	1.9	76
84	Landscape Based Identification of Human Disturbance Gradients and Reference Conditions for Michigan Streams. <i>Environmental Monitoring and Assessment</i> , 2008, 141, 1-17.	1.3	77
85	The influence of suburban land use on habitat and biotic integrity of coastal Rhode Island streams. <i>Environmental Monitoring and Assessment</i> , 2008, 139, 119-136.	1.3	11
86	A comparative analysis of cladoceran communities from different water body types: patterns in community composition and diversity. <i>Hydrobiologia</i> , 2008, 597, 19-27.	1.0	57
87	A comparison of the catchment sizes of rivers, streams, ponds, ditches and lakes: implications for protecting aquatic biodiversity in an agricultural landscape. <i>Hydrobiologia</i> , 2008, 597, 7-17.	1.0	131
88	Temporal and spatial variation in an index of biological integrity for the middle Wabash River, Indiana. <i>Hydrobiologia</i> , 2008, 600, 205-214.	1.0	16
89	The impact of physical disturbance on stream communities: lessons from road culverts. <i>Hydrobiologia</i> , 2008, 600, 229-235.	1.0	18
90	Models of stream habitat characteristics associated with tubificid populations in an intermountain watershed. <i>Hydrobiologia</i> , 2008, 603, 147-158.	1.0	22

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91	Assessing the efficiency of connectivity measures with regard to the EU-Water Framework Directive in a Danube-tributary system. <i>Hydrobiologia</i> , 2008, 609, 139-161.	1.0	22
92	An extension of the floodpulse concept (FPC) for lakes. <i>Hydrobiologia</i> , 2008, 613, 151-170.	1.0	109
93	Fish Assemblage Responses to Forest Cover. <i>Environmental Management</i> , 2008, 41, 336-346.	1.2	24
94	Impediments and Solutions to Sustainable, Watershed-Scale Urban Stormwater Management: Lessons from Australia and the United States. <i>Environmental Management</i> , 2008, 42, 344-359.	1.2	463
95	Quantitative Identification of Disturbance Thresholds in Support of Aquatic Resource Management. <i>Environmental Management</i> , 2008, 42, 821-832.	1.2	75
96	Rehabilitating Agricultural Streams in Australia with Wood: A Review. <i>Environmental Management</i> , 2008, 42, 310-326.	1.2	69
97	Integration of Wireless Sensor Networks into Cyberinfrastructure for Monitoring Hawaiian "Mountain-to-Sea" Environments. <i>Environmental Management</i> , 2008, 42, 658-666.	1.2	12
98	The Influence of Land Use on Lake Nutrients Varies with Watershed Transport Capacity. <i>Ecosystems</i> , 2008, 11, 1021-1034.	1.6	178
99	Hydrologic alterations in the Wabash River watershed, USA. <i>River Research and Applications</i> , 2008, 24, 1175-1184.	0.7	78
100	Spatial heterogeneity of water temperature across an alpine river basin. <i>Hydrological Processes</i> , 2008, 22, 954-967.	1.1	81
101	Hierarchical spatial patterns and drivers of change in benthic macroinvertebrate communities in an intermittent Mediterranean river. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2008, 18, 742-760.	0.9	28
102	Linking the diversity and abundance of stream biota to landscapes in the mid-Atlantic USA. <i>Remote Sensing of Environment</i> , 2008, 112, 4075-4085.	4.6	38
103	Using landscape ecology to understand and manage freshwater mussel populations. <i>Journal of the North American Benthological Society</i> , 2008, 27, 424-439.	3.0	97
104	Hydrogeomorphology and river impoundment affect food-chain length of diverse Neotropical food webs. <i>Oikos</i> , 2008, 117, 984-995.	1.2	70
105	A method for spatial freshwater conservation prioritization. <i>Freshwater Biology</i> , 2008, 53, 577-592.	1.2	184
106	Effects of agriculture on wood breakdown and microbial biofilm respiration in southern Appalachian streams. <i>Freshwater Biology</i> , 2008, 53, 842-854.	1.2	20
107	Assessing streamflow characteristics as limiting factors on benthic invertebrate assemblages in streams across the western United States. <i>Freshwater Biology</i> , 2008, 53, 1983-1998.	1.2	108
108	Influence of land use on stream ecosystem function in a Mediterranean catchment. <i>Freshwater Biology</i> , 2008, 53, 2600-2612.	1.2	80

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109	Functional redundancy of stream macroconsumers despite differences in catchment land use. <i>Freshwater Biology</i> , 2008, 53, 2587-2599.	1.2	16
110	Exotic invasive species in urban wetlands: environmental correlates and implications for wetland management. <i>Journal of Applied Ecology</i> , 2008, 45, 1160-1169.	1.9	88
111	Individual and combined responses of stream ecosystems to multiple stressors. <i>Journal of Applied Ecology</i> , 2008, 45, 1810-1819.	1.9	253
112	CITYgreen Watershed Analysis of Toby Creek: An American Heritage River Tributary. <i>Journal of Contemporary Water Research and Education</i> , 2008, 138, 29-37.	0.7	3
113	Evolutionary consequences of habitat loss for Pacific anadromous salmonids. <i>Evolutionary Applications</i> , 2008, 1, 300-318.	1.5	80
114	Delivery and cycling of phosphorus in rivers: A review. <i>Science of the Total Environment</i> , 2008, 400, 379-395.	3.9	590
115	Assessing the ecological hydrology of natural flow conditions in Taiwan. <i>Journal of Hydrology</i> , 2008, 354, 75-89.	2.3	36
116	Identification of hydrologic indicators related to fish diversity and abundance: A data mining approach for fish community analysis. <i>Water Resources Research</i> , 2008, 44, .	1.7	95
117	Tropical Stream Conservation. , 2008, , 285-304.		36
118	Urban Ecology. , 2008, , .		146
119	An extension of the floodpulse concept (FPC) for lakes. , 2008, , 151-170.		9
120	Ecological Effects of Water-Level Fluctuations in Lakes. , 2008, , .		24
121	Impacts of land-use and land-cover changes on flow regimes of the Usangu wetland and the Great Ruaha River, Tanzania. <i>Physics and Chemistry of the Earth</i> , 2008, 33, 640-647.	1.2	60
122	Amphibian ecology and conservation in the urbanising world: A review. <i>Biological Conservation</i> , 2008, 141, 2432-2449.	1.9	334
123	Tributaries under Mediterranean climate: their role in macrobenthos diversity maintenance. <i>Comptes Rendus - Biologies</i> , 2008, 331, 547-558.	0.1	8
124	Bank Erosion as a Desirable Attribute of Rivers. <i>BioScience</i> , 2008, 58, 519-529.	2.2	293
125	Hydraulic geometry and microtopography of tidal freshwater forested wetlands and implications for restoration, Columbia River, U.S.A.. <i>Ecohydrology and Hydrobiology</i> , 2008, 8, 339-361.	1.0	31
126	Stream fish occurrence in response to impervious cover, historic land use, and hydrogeomorphic factors. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2008, 65, 1250-1264.	0.7	90

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127	Landscape influences on stream fish assemblages across spatial scales in a northern Great Plains ecoregion. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2008, 65, 245-257.	0.7	16
128	Conservation of the Freshwater Gastropods of Indiana: Historic and Current Distributions. <i>American Malacological Bulletin</i> , 2008, 26, 137-151.	0.2	12
129	More microbial activity, not abrasive flow or shredder abundance, accelerates breakdown of labile leaf litter in urban streams. <i>Journal of the North American Benthological Society</i> , 2008, 27, 549-561.	3.0	60
130	Land use and the structure of western US stream invertebrate assemblages: predictive models and ecological traits. <i>Journal of the North American Benthological Society</i> , 2008, 27, 986-999.	3.0	42
131	Classification Tree Models for Predicting Distributions of Michigan Stream Fish from Landscape Variables. <i>Transactions of the American Fisheries Society</i> , 2008, 137, 976-996.	0.6	49
132	Perspective: Communicating our science to influence public policy. <i>Journal of the North American Benthological Society</i> , 2008, 27, 562-569.	3.0	12
133	Assimilatory uptake rather than nitrification and denitrification determines nitrogen removal patterns in streams of varying land use. <i>Limnology and Oceanography</i> , 2008, 53, 2558-2572.	1.6	66
134	The Role of Landscape-Dependent Disturbance and Dispersal in Metapopulation Persistence. <i>American Naturalist</i> , 2008, 172, 563-575.	1.0	51
135	Watershed Models. , 2008, , 3748-3759.		1
136	Measures of Physical Heterogeneity in Appraisal of Geomorphic River Condition for Urban Streams: Twin Streams Catchment, Auckland, New Zealand. <i>Physical Geography</i> , 2008, 29, 247-274.	0.6	21
137	Hydrogeomorphic features mediate the effects of land use/cover on reservoir productivity and food webs. <i>Limnology and Oceanography</i> , 2008, 53, 1420-1433.	1.6	35
138	EVALUACION DE RIBERA Y HABITAT FLUVIAL A TRAVES DE LOS INDICES QBR E IHF. <i>Gayana</i> , 2009, 73, .	0.0	4
139	Effects of land use on fish assemblages in Patagonian low order streams. <i>Annales De Limnologie</i> , 2009, 45, 267-277.	0.6	21
140	Correlations of Watershed Housing Density with Environmental Conditions and Fish Assemblages in a Tennessee Ridge and Valley Stream. <i>Journal of Freshwater Ecology</i> , 2009, 24, 553-561.	0.5	6
141	Multimetric macroinvertebrate indices for mid-continent US great rivers. <i>Journal of the North American Benthological Society</i> , 2009, 28, 785-804.	3.0	34
142	Use of diatoms to assess agricultural and coal mining impacts on streams and a multiassemblage case study. <i>Journal of the North American Benthological Society</i> , 2009, 28, 659-675.	3.0	47
143	Conceptualizing Discourses on Ecological City and Its Planning. <i>Chinese Journal of Population Resources and Environment</i> , 2009, 7, 69-81.	1.5	0
144	Effects of channelisation, riparian structure and catchment area on physical habitats in small lowland streams. <i>Fundamental and Applied Limnology</i> , 2009, 174, 89-99.	0.4	28

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145	Design and hydraulic characteristics of a field-scale bi-phasic bioretention rain garden system for storm water management. <i>Water Science and Technology</i> , 2009, 59, 1863-1872.	1.2	27
146	Watersheds at Risk to Increased Impervious Surface Cover in the Conterminous United States. <i>Journal of Hydrologic Engineering - ASCE</i> , 2009, 14, 362-368.	0.8	52
147	A preliminary benthic macroinvertebrate index of biotic integrity (B-IBI) for monitoring the Moiben River, Lake Victoria Basin, Kenya. <i>African Journal of Aquatic Science</i> , 2009, 34, 1-14.	0.5	72
148	Spatial Patterns of Urban Development from Optimization of Flood Peaks and Imperviousness-Based Measures. <i>Journal of Hydrologic Engineering - ASCE</i> , 2009, 14, 416-424.	0.8	58
149	Modeling freshwater fish distributions using multiscale landscape data: A case study of six narrow range endemics. <i>Ecological Modelling</i> , 2009, 220, 2024-2034.	1.2	28
150	Making agricultural landscapes more sustainable for freshwater biodiversity: a case study from southern England. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2009, 19, 439-447.	0.9	35
151	Integrating ecology with hydromorphology: a priority for river science and management. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2009, 19, 113-125.	0.9	271
152	Quantifying the effect of catchment land use and water nutrient concentrations on freshwater river and stream biodiversity. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2009, 19, 104-112.	0.9	120
153	Spatial and temporal variability of internal and external phosphorus loads in Mona Lake, Michigan. <i>Aquatic Ecology</i> , 2009, 43, 1-18.	0.7	61
154	Impact of agricultural land use on aquatic insect assemblages in the Garonne river catchment (SW) Tj ETQq1 1 0.784314 rgBT/Overlo	0.7	49
155	Changes in biota along a dry-land river in northwestern Zimbabwe: declines and improvements in river health related to land use. <i>Aquatic Ecology</i> , 2009, 43, 1095-1106.	0.7	21
156	Aquatic Hemiptera community structure in stormwater retention ponds: a watershed land cover approach. <i>Hydrobiologia</i> , 2009, 621, 49-62.	1.0	22
157	Relationship of fish and macroinvertebrate assemblages to environmental factors: implications for community concordance. <i>Hydrobiologia</i> , 2009, 623, 87-103.	1.0	59
158	Distribution of epipellic diatoms in artificial fishponds along environmental and spatial gradients. <i>Hydrobiologia</i> , 2009, 624, 81-90.	1.0	10
159	Trophic linkages between periphyton and grazing macroinvertebrates in rivers with different levels of catchment development. <i>Hydrobiologia</i> , 2009, 625, 135-150.	1.0	13
160	Agricultural land use and black fly (Diptera, Simuliidae) species richness and species assemblages in tropical streams, Northeastern Thailand. <i>Hydrobiologia</i> , 2009, 625, 173-184.	1.0	32
161	Use of the BEAST model for biomonitoring water quality in a neotropical basin. <i>Hydrobiologia</i> , 2009, 630, 231-242.	1.0	28
162	Use of landscape pattern metrics and multiscale data in aquatic species distribution models: a case study of a freshwater mussel. <i>Landscape Ecology</i> , 2009, 24, 943-955.	1.9	44

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163	Assessing range re-expansion and recolonization of human-impacted landscapes by threatened species: a case study of the otter (<i>Lutra lutra</i>) in Italy. <i>Biodiversity and Conservation</i> , 2009, 18, 2941-2959.	1.2	22
164	Effects of geomorphology, habitat, and spatial location on fish assemblages in a watershed in Ohio, USA. <i>Environmental Monitoring and Assessment</i> , 2009, 148, 325-341.	1.3	39
165	Predicting the biological condition of streams: use of geospatial indicators of natural and anthropogenic characteristics of watersheds. <i>Environmental Monitoring and Assessment</i> , 2009, 151, 143-160.	1.3	63
166	Development of rapid bioassessment approaches using benthic macroinvertebrates for Thai streams. <i>Environmental Monitoring and Assessment</i> , 2009, 155, 129-147.	1.3	32
167	Use of neural networks for monitoring surface water quality changes in a neotropical urban stream. <i>Environmental Monitoring and Assessment</i> , 2009, 155, 527-538.	1.3	8
168	Linking stream and landscape trajectories in the southern Appalachians. <i>Environmental Monitoring and Assessment</i> , 2009, 156, 17-36.	1.3	20
169	Linking Hydrogeological and Ecological Tools for an Integrated River Catchment Assessment. <i>Environmental Modeling and Assessment</i> , 2009, 14, 677-689.	1.2	9
170	Exotic plant invasions in forested wetlands: effects of adjacent urban land use type. <i>Urban Ecosystems</i> , 2009, 12, 371-390.	1.1	11
171	Relationship between the riverine nitrate-nitrogen concentration and the land use in the Teshio River watershed, North Japan. <i>Sustainability Science</i> , 2009, 4, 189-198.	2.5	30
172	Implications of biological and physical diversity for resilience and resistance patterns within Highly Dynamic River Systems. <i>Aquatic Sciences</i> , 2009, 71, 279-289.	0.6	23
173	The influence of topography and land use on water quality of Xiangxi River in Three Gorges Reservoir region. <i>Environmental Geology</i> , 2009, 58, 937-942.	1.2	102
174	Don't Fight the Site: Three Geomorphic Considerations in Catchment-Scale River Rehabilitation Planning. <i>Environmental Management</i> , 2009, 43, 1201-1218.	1.2	140
175	Multiscale Analysis of Restoration Priorities for Marine Shoreline Planning. <i>Environmental Management</i> , 2009, 44, 712-731.	1.2	27
176	Climate Change and River Ecosystems: Protection and Adaptation Options. <i>Environmental Management</i> , 2009, 44, 1053-1068.	1.2	326
177	Influence of rainfall and beaver dams on upstream movement of spawning Atlantic salmon in a restored brook in Nova scotia, Canada. <i>River Research and Applications</i> , 2010, 26, 183-193.	0.7	13
178	Linking the thermal regimes of streams in the Great Lakes Basin, Ontario, to landscape and climate variables. <i>River Research and Applications</i> , 2010, 26, 221-241.	0.7	27
179	The effects of stream canopy management on macroinvertebrate communities and juvenile salmonid production in a chalk stream. <i>Fisheries Management and Ecology</i> , 2009, 16, 100-111.	1.0	25
180	Impacts of agricultural land use on ecosystem structure and whole-stream metabolism of tropical Cerrado streams. <i>Freshwater Biology</i> , 2009, 54, 2069-2085.	1.2	113

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181	Relationships between deforestation, riparian forest buffers and benthic macroinvertebrates in neotropical headwater streams. <i>Freshwater Biology</i> , 2009, 54, 165-180.	1.2	149
182	Covariation of stream community structure and biomass of algae, invertebrates and fish with forest cover at multiple spatial scales. <i>Freshwater Biology</i> , 2009, 54, 2139-2154.	1.2	44
183	Is structure or function a better measure of the effects of water abstraction on ecosystem integrity?. <i>Freshwater Biology</i> , 2009, 54, 2037-2050.	1.2	50
184	Ecological assessment of an intermittent Mediterranean river using community structure and function: evaluating the role of different organism groups. <i>Freshwater Biology</i> , 2009, 54, 2383-2400.	1.2	53
185	Microbial leaf degraders in boreal streams: bringing together stochastic and deterministic regulators of community composition. <i>Freshwater Biology</i> , 2009, 54, 2276-2289.	1.2	13
186	The effect of land use on dissolved organic carbon and nitrogen uptake in streams. <i>Freshwater Biology</i> , 2009, 54, 2335-2350.	1.2	48
187	The potential ecological costs and cobenefits of REDD: a critical review and case study from the Amazon region. <i>Global Change Biology</i> , 2009, 15, 2803-2824.	4.2	157
188	Response of taxonomic groups in streams to gradients in resource and habitat characteristics. <i>Journal of Applied Ecology</i> , 2009, 46, 175-186.	1.9	104
189	Implications of climate change for the fishes of the British Isles. <i>Journal of Fish Biology</i> , 2009, 74, 1143-1205.	0.7	206
190	Assessing Influences of Hydrology, Physicochemistry, and Habitat on Stream Fish Assemblages Across a Changing Landscape. <i>Journal of the American Water Resources Association</i> , 2009, 45, 157-169.	1.0	37
191	Linking Hydrologic Alteration to Biological Impairment in Urbanizing Streams of the Puget Lowland, Washington, USA. <i>Journal of the American Water Resources Association</i> , 2009, 45, 512-533.	1.0	48
192	Climate change and freshwater biodiversity: detected patterns, future trends and adaptations in northern regions. <i>Biological Reviews</i> , 2009, 84, 39-54.	4.7	593
193	A spatially explicit framework for quantifying downstream hydrologic conditions. <i>Journal of Environmental Management</i> , 2009, 90, 1854-1861.	3.8	23
194	Multiscale Analysis of the Effects of Rainfall Extremes on Reproduction by an Obligate Riparian Bird in Urban and Rural Landscapes. <i>Auk</i> , 2009, 126, 64-76.	0.7	17
195	Riparian forest indicators of potential future stream condition. <i>Ecological Indicators</i> , 2009, 9, 462-475.	2.6	2
196	A new procedure for comparing class boundaries of biological assessment methods: A case study from the Danube Basin. <i>Ecological Indicators</i> , 2009, 9, 528-539.	2.6	27
197	Identifying regional differences in threshold responses of aquatic invertebrates to land cover gradients. <i>Ecological Indicators</i> , 2009, 9, 556-567.	2.6	109
198	Using stressor gradients to determine reference expectations for great river fish assemblages. <i>Ecological Indicators</i> , 2009, 9, 748-764.	2.6	41

#	ARTICLE	IF	CITATIONS
199	Impact of catchment land use on bacterial communities within stream biofilms. <i>Ecological Indicators</i> , 2009, 9, 848-855.	2.6	58
200	Multi-scale mechanistic indicators of Midwestern USA stream macroinvertebrates. <i>Ecological Indicators</i> , 2009, 9, 1138-1150.	2.6	27
201	Environmental indicators of macroinvertebrate and fish assemblage integrity in urbanizing watersheds. <i>Ecological Indicators</i> , 2009, 9, 1222-1233.	2.6	78
202	Expanding protected areas beyond their terrestrial comfort zone: Identifying spatial options for river conservation. <i>Biological Conservation</i> , 2009, 142, 1605-1616.	1.9	90
203	Environmental effects related to the local absence of exotic fish. <i>Biological Conservation</i> , 2009, 142, 3207-3212.	1.9	7
204	Effects of intense agricultural practices on heterotrophic processes in streams. <i>Environmental Pollution</i> , 2009, 157, 1011-1018.	3.7	108
205	The contribution of agricultural and urban activities to inorganic carbon fluxes within temperate watersheds. <i>Chemical Geology</i> , 2009, 266, 318-327.	1.4	143
206	Riparian woody plant traits across an urban-rural land use gradient and implications for watershed function with urbanization. <i>Landscape and Urban Planning</i> , 2009, 90, 42-55.	3.4	64
207	Exploring the role of vegetation fragmentation on aquatic conditions: Linking upland with riparian areas in Puget Sound lowland streams. <i>Landscape and Urban Planning</i> , 2009, 90, 66-75.	3.4	52
208	Connecting the ecological-economic dots in human-dominated watersheds: Models to link socio-economic activities on the landscape to stream ecosystem health. <i>Landscape and Urban Planning</i> , 2009, 91, 78-87.	3.4	34
209	Spatio-temporal dynamics and evolution of land use change and landscape pattern in response to rapid urbanization. <i>Landscape and Urban Planning</i> , 2009, 92, 187-198.	3.4	511
210	What will the neighbors think? Cultural norms and ecological design. <i>Landscape and Urban Planning</i> , 2009, 92, 282-292.	3.4	285
211	The effectiveness of the protection of riparian landscapes in Israel. <i>Land Use Policy</i> , 2009, 26, 911-918.	2.5	21
212	Conserving the fishes of the Twee River, Western Cape, South Africa: revisiting the issues. <i>African Journal of Aquatic Science</i> , 2009, 34, 77-85.	0.5	8
213	Assessing the effects of hydromorphological degradation on macroinvertebrate indicators in rivers: examples, constraints, and outlook. <i>Integrated Environmental Assessment and Management</i> , 2009, 5, 86-96.	1.6	37
214	Conservation of Aquatic Ecosystems. , 2009, , 249-258.		2
215	Seasonal variability of landuse impacts on macroinvertebrate assemblages in streams of western Georgia, USA. <i>Journal of the North American Benthological Society</i> , 2009, 28, 991-1006.	3.0	45
216	Dispersal by terrestrial stages of stream insects in urban watersheds: a synthesis of current knowledge. <i>Journal of the North American Benthological Society</i> , 2009, 28, 1022-1037.	3.0	76

#	ARTICLE	IF	CITATIONS
217	Beyond the urban gradient: barriers and opportunities for timely studies of urbanization effects on aquatic ecosystems. <i>Journal of the North American Benthological Society</i> , 2009, 28, 1038-1050.	3.0	14
218	Classifying the biological condition of small streams: an example using benthic macroinvertebrates. <i>Journal of the North American Benthological Society</i> , 2009, 28, 869-884.	3.0	31
219	Developing predictive models for freshwater mussels (Mollusca: Unionidae) in the Appalachians: Limitations and directions for future research. <i>Ecoscience</i> , 2009, 16, 387-398.	0.6	10
220	The influence of land use on stream biofilm nutrient limitation across eight North American ecoregions. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2009, 66, 1081-1094.	0.7	97
221	Detection and visualization of the eco-environmental response under urbanization: A grey relational analysis technique. , 2009, , .		0
222	Modeling the impact of landscape types on the distribution of stream fish species. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2009, 66, 484-495.	0.7	9
223	Large channel confluences influence geomorphic heterogeneity of a southeastern United States river. <i>Water Resources Research</i> , 2009, 45, .	1.7	8
224	Measuring stream macroinvertebrate responses to gradients of vegetation cover: when is enough enough?. <i>Freshwater Biology</i> , 2010, 55, 1447-1464.	1.2	88
225	Riparian forest buffers mitigate the effects of deforestation on fish assemblages in tropical headwater streams. <i>Ecological Applications</i> , 2009, 19, 468-479.	1.8	157
226	Biodiversity of Aquatic Insects: Spatial Gradients and Environmental Correlates of Assemblage-Level Measures at Large Scales. <i>Freshwater Reviews: A Journal of the Freshwater Biological Association</i> , 2009, 2, 1-29.	1.0	108
227	Two New Methods for Predicting Effects of Landcover-Related Stressors on Stream Biotic Integrity at the Catchment Scale. <i>Proceedings of the Academy of Natural Sciences of Philadelphia</i> , 2009, 158, 61-88.	1.3	1
228	The effect of repeated stressor episodes on algal communities in pasture streams. <i>Marine and Freshwater Research</i> , 2009, 60, 446.	0.7	6
229	The relationship between land-use, hydromorphology and river biota at different spatial and temporal scales: a synthesis of seven case studies. <i>Fundamental and Applied Limnology</i> , 2009, 174, 1-5.	0.4	18
230	Special issue on restoration of aquatic ecosystems. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2009, 43, 653-657.	0.8	4
231	Influence of disturbance on habitats and biological communities in lowland streams. <i>Fundamental and Applied Limnology</i> , 2009, 174, 27-41.	0.4	24
232	Integrated catchment management effects on flow, habitat, instream vegetation and macroinvertebrates in Waikato, New Zealand, hillâ€country streams. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2009, 43, 775-802.	0.8	44
233	Effects of agricultural subsidies of nutrients and detritus on fish and plankton of shallowâ€reservoir ecosystems. <i>Ecological Applications</i> , 2009, 19, 942-960.	1.8	21
234	Macroinvertebrate assemblage response to urbanization in three mid-continent USA great rivers. <i>Fundamental and Applied Limnology</i> , 2010, 176, 183-198.	0.4	8

#	ARTICLE	IF	CITATIONS
235	Patterning the distribution of threatened crayfish and their exotic analogues using self-organizing maps. <i>Environmental Conservation</i> , 2010, 37, 147-154.	0.7	4
236	Assessment of Riverine Ecological Condition in the Fleurieu Peninsula, South Australia: Implications for Restoration. <i>Transactions of the Royal Society of South Australia</i> , 2010, 134, 228-242.	0.1	0
237	Effects of land use on black fly assemblages (Diptera: Simuliidae) in submontane rivers (West) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 662	0.8	9
238	Water from Urban Streams Slows Growth and Speeds Metamorphosis in Fowler's Toad (<i>Bufo fowleri</i>) Larvae. <i>Journal of Herpetology</i> , 2010, 44, 297-300.	0.2	4
239	Influences of Spatial Scale and Soil Permeability on Relationships Between Land Cover and Baseflow Stream Nutrient Concentrations. <i>Environmental Management</i> , 2010, 45, 336-350.	1.2	16
240	Riparian Bird Communities as Indicators of Human Impacts Along Mediterranean Streams. <i>Environmental Management</i> , 2010, 45, 261-273.	1.2	45
241	Evaluating the Response of Biological Assemblages as Potential Indicators for Restoration Measures in an Intermittent Mediterranean River. <i>Environmental Management</i> , 2010, 46, 285-301.	1.2	22
242	The Impact of Future Land Use Scenarios on Runoff Volumes in the Muskegon River Watershed. <i>Environmental Management</i> , 2010, 46, 351-366.	1.2	20
243	Evaluating the Illinois Stream Valley Segment Model as an Effective Management Tool. <i>Environmental Management</i> , 2010, 46, 761-770.	1.2	10
244	Relative effects of local and landscape factors on wetland algal biomass over a salinity gradient. <i>Aquatic Sciences</i> , 2010, 72, 191-202.	0.6	3
245	Water quality and relationship between superficial and ground water in Rome (Aniene River basin,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 662	1.3	19
246	Landscape scale assessment of stream channel and riparian habitat restoration needs. <i>Landscape and Ecological Engineering</i> , 2010, 6, 235-245.	0.7	22
247	Analysis of fish communities along a ruralâ€“urban gradient in a neotropical stream (Piracicaba River) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 662	1.0	54
248	Covarying patterns of macroinvertebrate and fish assemblages along natural and human activity gradients: implications for bioassessment. <i>Hydrobiologia</i> , 2010, 637, 87-100.	1.0	44
249	Implications of global change for the maintenance of water quality and ecological integrity in the context of current water laws and environmental policies. <i>Hydrobiologia</i> , 2010, 657, 263-278.	1.0	13
250	Impacts of land use and water quality on macroinvertebrate communities in the Pearl River drainage basin, China. <i>Hydrobiologia</i> , 2010, 652, 71-88.	1.0	48
251	Using diatoms to assess human impacts on streams benefits from multiple-habitat sampling. <i>Hydrobiologia</i> , 2010, 654, 93-109.	1.0	19
252	Improving the description of human activities potentially affecting rural stream ecosystems. <i>Landscape Ecology</i> , 2010, 25, 371-382.	1.9	36

#	ARTICLE	IF	CITATIONS
253	Does the scale of our observational window affect our conclusions about correlations between endangered salmon populations and their habitat?. <i>Landscape Ecology</i> , 2010, 25, 727-743.	1.9	18
254	A generalized watershed disturbance-invertebrate relation applicable in a range of environmental settings across the continental United States. <i>Urban Ecosystems</i> , 2010, 13, 415-424.	1.1	0
255	Selecting objectively defined reference sites for stream bioassessment programs. <i>Environmental Monitoring and Assessment</i> , 2010, 170, 129-140.	1.3	32
256	Predicting assemblages and species richness of endemic fish in the upper Yangtze River. <i>Science of the Total Environment</i> , 2010, 408, 4211-4220.	3.9	41
257	Isolating the impact of sediment toxicity in urban streams. <i>Environmental Pollution</i> , 2010, 158, 1716-1725.	3.7	47
258	Assessing contaminated sediments in the context of multiple stressors. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 2625-2643.	2.2	134
259	Structure of Macroinvertebrate Communities in Relation to Environmental Variables in a Subtropical Asian River System. <i>International Review of Hydrobiology</i> , 2010, 95, 42-57.	0.5	43
260	Forest conversion and provision of ecosystem services in the Brazilian Atlantic Forest. <i>Land Degradation and Development</i> , 2010, 21, 591-603.	1.8	38
261	Fish community structure in natural and engineered habitats in the Kansas River. <i>River Research and Applications</i> , 2010, 26, 797-805.	0.7	25
262	Disturbance and riverine benthic communities: What has it contributed to general ecological theory?. <i>River Research and Applications</i> , 2010, 26, 15-25.	0.7	75
263	Urbanization in a great plains river: Effects on fishes and food webs. <i>River Research and Applications</i> , 2010, 26, 948-959.	0.7	21
264	The effect of land use on channel geometry and sediment distribution in gravel mantled bedrock streams, Illinois River watershed, Arkansas. <i>River Research and Applications</i> , 2011, 27, 857-866.	0.7	10
265	Can ecosystem services be integrated with conservation? A case study of breeding waders on grassland. <i>Ibis</i> , 2010, 152, 698-712.	1.0	18
266	Relative influences of catchment and reach scale abiotic factors on freshwater fish communities in rivers of northeastern Mesoamerica. <i>Ecology of Freshwater Fish</i> , 2010, 19, 439-454.	0.7	50
267	Environmental assessment of boreal rivers using fish data – a contribution to the Water Framework Directive. <i>Fisheries Management and Ecology</i> , 2010, 17, 165-175.	1.0	20
268	Evaluating effects of water withdrawals and impoundments on fish assemblages in southern New England streams, USA. <i>Fisheries Management and Ecology</i> , 2010, 17, 272-283.	1.0	33
269	The use of Bayesian networks to guide investments in flow and catchment restoration for impaired river ecosystems. <i>Freshwater Biology</i> , 2010, 55, 243-260.	1.2	114
270	Modelling of landscape variables at multiple extents to predict fine sediments and suitable habitat for <i>Tubifex tubifex</i> in a stream system. <i>Freshwater Biology</i> , 2010, 55, 794-805.	1.2	9

#	ARTICLE	IF	CITATIONS
271	Preserving the biodiversity and ecological services of rivers: new challenges and research opportunities. <i>Freshwater Biology</i> , 2010, 55, 1-16.	1.2	465
272	Ecoregion and land use influence invertebrate and detritus transport from headwater streams. <i>Freshwater Biology</i> , 2010, 55, 1205-1218.	1.2	11
273	Can biological invertebrate traits resolve effects of multiple stressors on running water ecosystems?. <i>Freshwater Biology</i> , 2010, 55, 80-119.	1.2	362
274	Effects of upland clearcutting and riparian partial harvesting on leaf pack breakdown and aquatic invertebrates in boreal forest streams. <i>Freshwater Biology</i> , 2010, 55, 2238-2252.	1.2	28
275	Pressure-response relationships in stream ecology: introduction and synthesis. <i>Freshwater Biology</i> , 2010, 55, 1367-1381.	1.2	46
276	Large-scale relationships between basin and riparian land cover and the ecological status of European rivers. <i>Freshwater Biology</i> , 2010, 55, 1465-1482.	1.2	52
277	APPLIED ISSUES: Exploring the response of functional indicators of stream health to land use gradients. <i>Freshwater Biology</i> , 2010, 55, 2181-2199.	1.2	74
278	Searching for effective indicators of ecosystem function in urban streams: assessing cellulose decomposition potential. <i>Freshwater Biology</i> , 2010, 55, 2089-2106.	1.2	42
279	Synergistic effects of glyphosate formulation and parasite infection on fish malformations and survival. <i>Journal of Applied Ecology</i> , 2010, 47, 498-504.	1.9	70
280	Multiple stressors in agricultural streams: interactions among sediment addition, nutrient enrichment and water abstraction. <i>Journal of Applied Ecology</i> , 2010, 47, 639-649.	1.9	265
281	The response of stream fish to local and reach-scale variation in the occurrence of a benthic aquatic macrophyte. <i>Freshwater Biology</i> , 2010, 55, 643-653.	1.2	22
282	Integration of science and monitoring of river ecosystem health to guide investments in catchment protection and rehabilitation. <i>Freshwater Biology</i> , 2010, 55, 223-240.	1.2	170
283	Is there a need for a "100 questions exercise"™ to enhance fisheries and aquatic conservation, policy, management and research? Lessons from a global 100 questions exercise on conservation of biodiversity. <i>Journal of Fish Biology</i> , 2010, 76, 2261-2286.	0.7	20
284	A preliminary macroinvertebrate Index of Biotic Integrity for bioassessment of the Kipkaren and Sosiani Rivers, Nzoia River basin, Kenya. <i>Lakes and Reservoirs: Research and Management</i> , 2010, 15, 119-128.	0.6	30
285	Spatial and temporal variation of stream communities in a human-affected tropical watershed. <i>Annales De Limnologie</i> , 2010, 46, 149-156.	0.6	13
286	Macroinvertebrates in low-order streams in two fragments of Atlantic Forest in different states of conservation, in the State of São Paulo (Brazil). <i>Brazilian Journal of Biology</i> , 2010, 70, 899-909.	0.4	9
287	National housing and impervious surface scenarios for integrated climate impact assessments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 20887-20892.	3.3	197
288	Mountaintop Mining Consequences. <i>Science</i> , 2010, 327, 148-149.	6.0	472

#	ARTICLE	IF	CITATIONS
289	Metal Ecotoxicology in Fluvial Biofilms: Potential Influence of Water Scarcity. Handbook of Environmental Chemistry, 2010, , 41-53.	0.2	17
290	Associations between Watershed Characteristics and Angling Success for Sport Fishes in Mississippi Wadeable Streams. North American Journal of Fisheries Management, 2010, 30, 112-120.	0.5	4
291	Continuous response of benthic macroinvertebrate assemblages to a discrete disturbance gradient: consequences for diagnosing stressors. Journal of the North American Benthological Society, 2010, 29, 1241-1257.	3.0	18
292	Differential Effects of Urbanization and Non-Natives on Imperiled Stream Species. Northeastern Naturalist, 2010, 17, 593-614.	0.1	9
293	Spatio-Temporal Dynamics of Caddisflies in Streams of Southern Western Ghats. Journal of Insect Science, 2010, 10, 1-15.	0.6	3
294	Influence of Open Space on Water Quality in an Urban Stream. Physical Geography, 2010, 31, 336-356.	0.6	24
295	Epilithic microalgal species discriminate low and high levels of dissolved phosphate in rivers of Northern Mindanao, Southern Philippines. , 2010, , .		0
296	How do we identify opportunities to apply new knowledge and improve conservation effectiveness?. Journal of Soils and Water Conservation, 2010, 65, 261-265.	0.8	13
297	Fish Assemblages and Substrates in the Middle Wabash River, USA. Copeia, 2010, 2010, 47-53.	1.4	18
298	Relative impact of anthropogenic modifications versus climate change on the natural flow regimes of rivers in the Northern Rocky Mountains, United States. Water Resources Research, 2010, 46, .	1.7	48
299	The <i>J-NABS</i> 25th anniversary issue: reflecting on the past, synthesizing the present, and projecting into the future. Journal of the North American Benthological Society, 2010, 29, 372-380.	3.0	5
300	Developing linkages between species traits and multiscaled environmental variation to explore vulnerability of stream benthic communities to climate change. Journal of the North American Benthological Society, 2010, 29, 1441-1458.	3.0	98
301	Reach- and Watershed-Scale Associations of Crayfish within an Area of Varying Agricultural Impact in West-Central Indiana. Southeastern Naturalist, 2010, 9, 199.	0.2	13
302	Regional differences in patterns of fish species loss with changing land use. Biological Conservation, 2010, 143, 688-699.	1.9	70
303	Linking process to pattern: Causes of stream-breeding amphibian decline in urbanized watersheds. Biological Conservation, 2010, 143, 1998-2005.	1.9	56
304	Combined effects of habitat modification on trait composition and species nestedness in river invertebrates. Biological Conservation, 2010, 143, 2638-2646.	1.9	73
305	Quantifying human disturbance in watersheds: Variable selection and performance of a GIS-based disturbance index for predicting the biological condition of perennial streams. Ecological Indicators, 2010, 10, 264-273.	2.6	70
306	Differing effects of catchment land use on water chemistry explain contrasting behaviour of a diatom index in tropical northern and temperate southern Australia. Ecological Indicators, 2010, 10, 620-626.	2.6	31

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307	Development of a macrophyte-based index of biotic integrity for Minnesota lakes. <i>Ecological Indicators</i> , 2010, 10, 968-979.	2.6	54
308	Comparison of watershed disturbance predictive models for stream benthic macroinvertebrates for three distinct ecoregions in western US. <i>Ecological Indicators</i> , 2010, 10, 1125-1136.	2.6	63
309	Response of biota to land use changes and water quality degradation in two medium-sized river basins in southwestern Greece. <i>Ecological Indicators</i> , 2010, 10, 1231-1238.	2.6	25
310	Evaluation of side-effects of glyphosate mediated control of giant reed (<i>Arundo donax</i>) on the structure and function of a nearby Mediterranean river ecosystem. <i>Environmental Research</i> , 2010, 110, 556-564.	3.7	48
311	Response of aquatic macro-invertebrate diversity to environmental factors along the Lower Komati River in Swaziland. <i>Physics and Chemistry of the Earth</i> , 2010, 35, 665-671.	1.2	13
312	Recent developments in landscape approaches for the study of aquatic ecosystems. <i>Journal of the North American Benthological Society</i> , 2010, 29, 41-66.	3.0	112
313	Influence of bed heterogeneity and habitat type on macroinvertebrate uptake in peri-urban streams. <i>International Journal of Sediment Research</i> , 2010, 25, 203-220.	1.8	22
314	The evolving legacy of disturbance in stream ecology: concepts, contributions, and coming challenges. <i>Journal of the North American Benthological Society</i> , 2010, 29, 67-83.	3.0	113
315	<i>Miscanthus</i> . <i>Advances in Botanical Research</i> , 2010, 56, 75-137.	0.5	169
317	A spatial autocorrelative model for targeting stream restoration to benefit sensitive nongame fishes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2010, 67, 165-176.	0.7	11
318	Landscape indicators and thresholds of stream ecological impairment in an intensively mined Appalachian watershed. <i>Journal of the North American Benthological Society</i> , 2010, 29, 1292-1309.	3.0	60
319	Historical and contemporary biological diversity of Minnesota caddisflies: a case study of landscape-level species loss and trophic composition shift. <i>Journal of the North American Benthological Society</i> , 2010, 29, 480-495.	3.0	22
320	Variation in Fish and Macroinvertebrate Assemblages Among Seasonal and Perennial Headwater Streams. <i>American Midland Naturalist</i> , 2010, 163, 2-13.	0.2	3
321	Dispersal between Tributary and Mainstem Rivers by Juvenile Smallmouth Bass Evaluated Using Otolith Microchemistry. <i>Transactions of the American Fisheries Society</i> , 2010, 139, 171-184.	0.6	30
322	Literature Citations. , 2010, , 1022-1194.		0
323	Movement and Microhabitat Associations of Guadalupe Bass in Two Texas Rivers. <i>North American Journal of Fisheries Management</i> , 2010, 30, 33-46.	0.5	13
324	Modeling Regional Variation in Riverine Fish Biodiversity in the Arkansasâ€“Whiteâ€“Red River Basin. <i>Transactions of the American Fisheries Society</i> , 2011, 140, 1227-1239.	0.6	5
325	A Hierarchical Spatial Framework and Database for the National River Fish Habitat Condition Assessment. <i>Fisheries</i> , 2011, 36, 436-449.	0.6	71

#	ARTICLE	IF	CITATIONS
326	Subchronic effects of environment-like cadmium levels on the bivalve <i>Anodonta anatina</i> (Linnaeus 1758): II. Effects on energy reserves in relation to calcium metabolism. <i>Toxicological and Environmental Chemistry</i> , 2011, 93, 1802-1814.	0.6	11
327	Effects of broad-scale geological changes on patterns in macroinvertebrate assemblages. <i>Journal of the North American Benthological Society</i> , 2011, 30, 459-473.	3.0	17
328	Study design considerations for assessing the health of fish populations impacted by agriculture in developing countries: a Sri Lankan case study. <i>Journal of Environmental Monitoring</i> , 2011, 13, 2105.	2.1	2
329	Urban stressors alter the trophic basis of secondary production in an agricultural stream. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011, 68, 74-88.	0.7	27
330	Multiscale Environmental Influences on Fish Assemblage Structure in Central Texas Streams. <i>Transactions of the American Fisheries Society</i> , 2011, 140, 1409-1427.	0.6	39
331	Channel dynamics and habitat development in a meandering, gravel bed river. <i>Water Resources Research</i> , 2011, 47, .	1.7	68
332	Implications of bias in conservation research and investment for freshwater species. <i>Conservation Letters</i> , 2011, 4, 474-482.	2.8	166
333	Land Use, Stream Habitat and Benthic Invertebrate Assemblages in a Highly Altered Iowa Watershed. <i>American Midland Naturalist</i> , 2011, 165, 274-293.	0.2	29
334	Effects of urbanization on stream physicochemistry and macroinvertebrate assemblages in a tropical urban watershed in Puerto Rico. <i>Journal of the North American Benthological Society</i> , 2011, 30, 739-750.	3.0	54
335	Spatial prioritization of conservation management. <i>Conservation Letters</i> , 2011, 4, 383-393.	2.8	105
336	From Natural to Degraded Rivers and Back Again. <i>Advances in Ecological Research</i> , 2011, 44, 119-209.	1.4	207
337	Riparian forest composition affects stream litter decomposition despite similar microbial and invertebrate communities. <i>Ecology</i> , 2011, 92, 151-159.	1.5	108
338	Hydrology and Ecology of River Systems. , 2011, , 237-269.		9
339	Defining conservation priorities for freshwater fishes according to taxonomic, functional, and phylogenetic diversity. , 2011, 21, 3002-3013.		135
340	Effects of urbanization and urban stream restoration on the physical and biological structure of stream ecosystems. , 2011, 21, 1932-1949.		221
341	Expert System Based Water Sustainability Index. , 2011, , .		4
342	Interactions between natural-occurring landscape conditions and land use influencing the abundance of riverine smallmouth bass, <i>Micropterus dolomieu</i> . <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011, 68, 1922-1933.	0.7	14
343	Development and assessment of a landscape-scale ecological threat index for the Lower Colorado River Basin. <i>Ecological Indicators</i> , 2011, 11, 304-310.	2.6	83

#	ARTICLE	IF	CITATIONS
344	Trophic assessment of streams in Uruguay: A Trophic State Index for Benthic Invertebrates (TSI-BI). <i>Ecological Indicators</i> , 2011, 11, 362-369.	2.6	31
345	Effects of taxonomic group, spatial scale and descriptor on the relationship between human activity and stream biota. <i>Ecological Indicators</i> , 2011, 11, 759-771.	2.6	17
346	Spatial factors contribute to benthic diatom structure in streams across spatial scales: Considerations for biomonitoring. <i>Ecological Indicators</i> , 2011, 11, 1191-1203.	2.6	43
347	Functional convergence of fish assemblages in urban streams of Brazil and the United States. <i>Ecological Indicators</i> , 2011, 11, 1354-1359.	2.6	32
348	An integrated sustainable development approach to modeling the eco-environmental effects from urbanization. <i>Ecological Indicators</i> , 2011, 11, 1599-1608.	2.6	118
349	Metacommunity theory as a multispecies, multiscale framework for studying the influence of river network structure on riverine communities and ecosystems. <i>Journal of the North American Benthological Society</i> , 2011, 30, 310-327.	3.0	191
350	Assessing riparian vegetation structure and the influence of land use using landscape metrics and geostatistical tools. <i>Landscape and Urban Planning</i> , 2011, 99, 166-177.	3.4	110
351	An assessment of the health and historical changes of the nearshore fish community of the St. Marys River. <i>Journal of Great Lakes Research</i> , 2011, 37, 61-69.	0.8	6
352	Improving the quantification of land cover pressure on stream ecological status at the riparian scale using High Spatial Resolution Imagery. <i>Physics and Chemistry of the Earth</i> , 2011, 36, 549-559.	1.2	20
353	The use of a Stream Visual Assessment Protocol to determine ecosystem integrity in an urban watershed in Puerto Rico. <i>Physics and Chemistry of the Earth</i> , 2011, 36, 560-566.	1.2	5
354	Spatial Patterns of Ecological Integrity in South Carolina Watersheds. <i>Southeastern Geographer</i> , 2011, 51, 394-410.	0.1	0
355	Focusing on variation: methods and applications of the concept of beta diversity in aquatic ecosystems. <i>Acta Limnologica Brasiliensia</i> , 2011, 23, 318-331.	0.4	35
356	Effect of environmental quality and mesohabitat structure on a Biotic Integrity Index based on fish assemblages of cerrado streams from Rio Cuiabá basin, Brazil. <i>Brazilian Journal of Biology</i> , 2011, 71, 577-586.	0.4	8
357	Relationships between land use and nitrogen and phosphorus in New Zealand lakes. <i>Marine and Freshwater Research</i> , 2011, 62, 162.	0.7	58
358	The importance of land use/land cover data in fish and mussel conservation planning. <i>Annales De Limnologie</i> , 2011, 47, 199-209.	0.6	12
359	Consequences of More Intensive Forestry for the Sustainable Management of Forest Soils and Waters. <i>Forests</i> , 2011, 2, 243-260.	0.9	68
360	Links between stream reach hydromorphology and land cover on different spatial scales in the Adour-Garonne Basin (SW France). <i>Knowledge and Management of Aquatic Ecosystems</i> , 2011, , 01.	0.5	1
361	Interactions between macroinvertebrate taxa and complex environmental gradients influencing abundance and distribution in the Umatilla River, Northeastern Oregon. <i>Journal of Freshwater Ecology</i> , 2011, 26, 255-266.	0.5	3

#	ARTICLE	IF	CITATIONS
362	Additive effects of mining and residential development on stream conditions in a central Appalachian watershed. <i>Journal of the North American Benthological Society</i> , 2011, 30, 399-418.	3.0	57
363	Stream size and human influences on ecosystem production in river networks. <i>Ecosphere</i> , 2011, 2, art87.	1.0	94
364	Water Resources and Land Use and Cover in a Humid Region: The Southeastern United States. <i>Journal of Environmental Quality</i> , 2011, 40, 867-878.	1.0	41
365	Relationships between land use and multi-dimensional characteristics of streams and rivers at two different scales. <i>Annales De Limnologie</i> , 2011, 47, S107-S116.	0.6	27
366	Response of stream invertebrate communities to vegetation damage from overgrazing by exotic rabbits on subantarctic Macquarie Island. <i>Marine and Freshwater Research</i> , 2011, 62, 404.	0.7	6
367	Diversidade de habitats fásicos e sua relaÃ§Ã£o com macroinvertebrados bentônicos em reservatários urbanos em Minas Gerais. <i>Iheringia - Serie Zoologia</i> , 2011, 101, 191-199.	0.5	17
368	Overview and application of the National Aquatic Ecological Monitoring Program (NAEMP) in Korea. <i>Annales De Limnologie</i> , 2011, 47, S3-S14.	0.6	41
369	Riparian vegetation metrics as tools for guiding ecological restoration in riverscapes. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2011, , 21.	0.5	24
370	Impacts of past glaciation events on contemporary fish assemblages of the Ohio River basin. <i>Journal of Biogeography</i> , 2011, 38, 982-991.	1.4	15
371	Application of species distribution models and conservation planning software to the design of a reserve network for the riverine fishes of northeastern Mesoamerica. <i>Freshwater Biology</i> , 2011, 56, 71-88.	1.2	78
372	Nutrient stoichiometry of linked catchment-lake systems along a gradient of land use. <i>Freshwater Biology</i> , 2011, 56, 791-811.	1.2	88
373	Designing a conservation area network that supports the representation and persistence of freshwater biodiversity. <i>Freshwater Biology</i> , 2011, 56, 106-124.	1.2	58
374	A comparison of spatially explicit landscape representation methods and their relationship to stream condition. <i>Freshwater Biology</i> , 2011, 56, 590-610.	1.2	91
375	Anthropogenic disturbance and streams: land use and land-use change affect stream ecosystems via multiple pathways. <i>Freshwater Biology</i> , 2011, 56, 611-626.	1.2	84
376	Urban catchment hydrology overwhelms reach scale effects of riparian vegetation on organic matter dynamics. <i>Freshwater Biology</i> , 2011, 56, 1370-1389.	1.2	19
377	Invertebrate community responses to land use at a broad spatial scale: trait and taxonomic measures compared in New Zealand rivers. <i>Freshwater Biology</i> , 2011, 56, 1670-1688.	1.2	75
378	The distributions of one invasive and two native crayfishes in relation to coarse-scale natural and anthropogenic factors. <i>Freshwater Biology</i> , 2011, 56, 2415-2431.	1.2	13
379	Effects of land use and environment on alien and native macrophytes: lessons from a large-scale survey of Australian rivers. <i>Diversity and Distributions</i> , 2011, 17, 132-143.	1.9	21

#	ARTICLE	IF	CITATIONS
380	Biogeography and conservation of freshwater mussels (Bivalvia: Unionidae) in Texas: patterns of diversity and threats. <i>Diversity and Distributions</i> , 2011, 17, 393-407.	1.9	42
381	A Regional Perspective on the Diversity and Conservation of Tropical Andean Fishes. <i>Conservation Biology</i> , 2011, 25, 30-39.	2.4	68
382	Effects of Urbanization on Occupancy of Stream Salamanders. <i>Conservation Biology</i> , 2011, 25, 547-555.	2.4	49
383	Conservation Development Practices, Extent, and Land-Use Effects in the United States. <i>Conservation Biology</i> , 2011, 25, 697-707.	2.4	32
384	The conservation implications of riparian land use on river turtles. <i>Animal Conservation</i> , 2011, 14, 38-46.	1.5	19
385	Idiosyncratic responses of Pacific salmon species to land cover, fragmentation, and scale. <i>Ecography</i> , 2011, 34, 780-797.	2.1	8
386	The relative influence of spatial context and catchment- and site-scale environmental factors on stream fish assemblages in a human-modified landscape. <i>Ecology of Freshwater Fish</i> , 2011, 20, 251-262.	0.7	55
387	Loss of genetic diversity in the North American mayfly <i>Ephemerella invaria</i> associated with deforestation of headwater streams. <i>Freshwater Biology</i> , 2011, 56, 1456-1467.	1.2	19
388	Implications of community concordance for assessing stream integrity at three nested spatial scales in Minnesota, U.S.A.. <i>Freshwater Biology</i> , 2011, 56, 1652-1669.	1.2	25
389	Subsidy-stress and multiple-stressor effects along gradients of deposited fine sediment and dissolved nutrients in a regional set of streams and rivers. <i>Freshwater Biology</i> , 2011, 56, 1916-1936.	1.2	152
390	The environmental costs of mountaintop mining valley fill operations for aquatic ecosystems of the Central Appalachians. <i>Annals of the New York Academy of Sciences</i> , 2011, 1223, 39-57.	1.8	134
391	Assessing land-use effects on water quality, in-stream habitat, riparian ecosystems and biodiversity in Patagonian northwest streams. <i>Science of the Total Environment</i> , 2011, 409, 612-624.	3.9	202
392	An Index of Biotic Integrity for shallow streams of the Hondo River basin, Yucatan Peninsula. <i>Science of the Total Environment</i> , 2011, 409, 844-852.	3.9	18
393	Leaf litter recycling in benthic and hyporheic layers in agricultural streams with different types of land use. <i>Science of the Total Environment</i> , 2011, 409, 4373-4380.	3.9	44
394	Spatial and temporal distribution of acetochlor in sediments and riparian soils of the Songhua River Basin in northeastern China. <i>Journal of Environmental Sciences</i> , 2011, 23, 1684-1690.	3.2	41
395	Risk-based modelling of diffuse land use impacts from rural landscapes upon salmonid fry abundance. <i>Ecological Modelling</i> , 2011, 222, 1016-1029.	1.2	57
396	Region of influence method improves macroinvertebrate predictive models in Maryland. <i>Ecological Modelling</i> , 2011, 222, 3473-3485.	1.2	6
397	Longitudinal structure of fish assemblages in a minimally disrupted stream. <i>Biologia (Poland)</i> , 2011, 66, 886-892.	0.8	6

#	ARTICLE	IF	CITATIONS
398	Hydrologic disturbance reduces biological integrity in urban streams. <i>Environmental Monitoring and Assessment</i> , 2011, 172, 663-687.	1.3	33
399	An environmental assessment of a small shallow lake (Little Black Lake, MI) threatened by urbanization. <i>Environmental Monitoring and Assessment</i> , 2011, 173, 193-209.	1.3	5
400	An assessment of the impacts of timber plantations on water quality and biodiversity values of Marbellup Brook, Western Australia. <i>Environmental Monitoring and Assessment</i> , 2011, 173, 941-953.	1.3	4
401	Choice of macroinvertebrate metrics to evaluate stream conditions in Atlantic Forest, Brazil. <i>Environmental Monitoring and Assessment</i> , 2011, 175, 87-101.	1.3	48
402	Response of algal metrics to nutrients and physical factors and identification of nutrient thresholds in agricultural streams. <i>Environmental Monitoring and Assessment</i> , 2011, 175, 397-417.	1.3	57
403	Assessment of quantitative food web metrics for investigating the influence of land use on warm water fish diets. <i>Hydrobiologia</i> , 2011, 664, 1-15.	1.0	4
404	Relationships among rotational and conventional grazing systems, stream channels, and macroinvertebrates. <i>Hydrobiologia</i> , 2011, 669, 105-117.	1.0	19
405	The role of land use, nutrients, and other stressors in shaping benthic invertebrate assemblages in Slovenian rivers. <i>Hydrobiologia</i> , 2011, 678, 137-153.	1.0	21
406	Contributions of habitat sampling and alkalinity to diatom diversity and distributional patterns in streams: implications for conservation. <i>Biodiversity and Conservation</i> , 2011, 20, 643-661.	1.2	23
407	Distant land use affects terrestrial and aquatic habitats of high naturalness. <i>Biodiversity and Conservation</i> , 2011, 20, 2297-2309.	1.2	13
408	Amazon deforestation alters small stream structure, nitrogen biogeochemistry and connectivity to larger rivers. <i>Biogeochemistry</i> , 2011, 105, 53-74.	1.7	61
409	Influence of land use on water quality in a tropical landscape: a multi-scale analysis. <i>Landscape Ecology</i> , 2011, 26, 1151-1164.	1.9	173
410	Environmental and social predictors of phosphorus in urban streams on the Island of Montr�al, Qu�bec. <i>Urban Ecosystems</i> , 2011, 14, 485-499.	1.1	22
411	Observing Changes in Riparian Buffer Strip Soil Properties Related to Land Use Activities in the River Njoro Watershed, Kenya. <i>Water, Air, and Soil Pollution</i> , 2011, 218, 587-601.	1.1	21
412	Influence of global change on phytoplankton and nutrient cycling in the Elbe River. <i>Regional Environmental Change</i> , 2011, 11, 405-421.	1.4	31
413	Evaluating land cover change and its impact on hydrological regime in Upper Shire river catchment, Malawi. <i>Regional Environmental Change</i> , 2011, 11, 845-855.	1.4	66
414	Factors controlling the distribution of aquatic macrophyte communities with special reference to the rapid expansion of a semi-emergent <i>Phalaris arundinacea</i> L. in Bibi River, Hokkaido, northern Japan. <i>Limnology</i> , 2011, 12, 175-185.	0.8	11
415	Fish assemblage structure in an estuary of the Atlantic Forest biodiversity hotspot (southern Brazil). <i>Ichthyological Research</i> , 2011, 58, 38-50.	0.5	26

#	ARTICLE	IF	CITATIONS
416	Ring-based versus disc-based separation of spatial scales: a case study on the impact of arable land proportions on invertebrates in freshwater streams. <i>Aquatic Ecology</i> , 2011, 45, 351-356.	0.7	5
417	Periphyton response to simulated nonpoint source pollution: local over regional control. <i>Aquatic Ecology</i> , 2011, 45, 439-454.	0.7	12
418	Assessing Ecological Water Quality with Macroinvertebrates and Fish: A Case Study from a Small Mediterranean River. <i>Environmental Management</i> , 2011, 47, 279-290.	1.2	34
419	Complex size-dependent habitat associations in potamodromous fish species. <i>Aquatic Sciences</i> , 2011, 73, 233-245.	0.6	30
420	Do seasonal changes in habitat features influence aquatic macroinvertebrate assemblages in perennial versus temporary Mediterranean streams?. <i>Aquatic Sciences</i> , 2011, 73, 567-579.	0.6	64
421	Structure of endemic fish assemblages in the upper Yangtze River Basin. <i>River Research and Applications</i> , 2011, 27, 59-75.	0.7	48
422	Long-term fish assemblages of inner bends in a large river. <i>River Research and Applications</i> , 2011, 27, 684-692.	0.7	6
423	Stable isotope analysis reveals food web structure and watershed impacts along the fluvial gradient of a Mesoamerican coastal river. <i>River Research and Applications</i> , 2011, 27, 791-803.	0.7	50
424	Relationships between benthic macroinvertebrate community structure and geospatial habitat, in-stream water chemistry, and surfactants in the effluent-dominated Trinity River, Texas, USA. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1127-1138.	2.2	19
425	Development of an Index of Biotic Integrity Based on Fish Communities to Assess the Effects of Rural and Urban Land Use on a Stream in Southeastern Brazil. <i>International Review of Hydrobiology</i> , 2011, 96, 296-317.	0.5	12
426	Explaining spatial variability in stream habitats using both natural and management-influenced landscape predictors. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2011, 21, 704-714.	0.9	23
427	An evaluation of restoration practises in lowland streams: Has the physical integrity been re-created?. <i>Ecological Engineering</i> , 2011, 37, 1654-1660.	1.6	23
428	Identification and quantification of the hydrological impacts of imperviousness in urban catchments: A review. <i>Journal of Environmental Management</i> , 2011, 92, 1438-1448.	3.8	420
429	Migration delays caused by anthropogenic barriers: modeling dams, temperature, and success of migrating salmon smolts. , 2011, 21, 3014-3031.		96
430	Spatial distributions of biophysical conditions on the Ohio River. <i>River Systems</i> , 2011, 19, 19-34.	0.2	0
431	An assessment of stressor extent and biological condition in the North American mid-continent great rivers (USA). <i>River Systems</i> , 2011, 19, 48-68.	0.2	12
432	Land Use Associations with Distributions of Declining Native Fishes in the Upper Colorado River Basin. <i>Transactions of the American Fisheries Society</i> , 2011, 140, 646-658.	0.6	13
433	The influence of different spatial-scale variables on caddisfly assemblages in Flemish lowland streams. <i>Ecological Entomology</i> , 2011, 36, 355-368.	1.1	12

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434	Impacts of Nonpoint-Source Pollution on the Structure of Diatom Assemblages, Whole-Stream Oxygen Metabolism, and Growth of <i>Selenastrum capricornutum</i> in the Red River Watershed of North-Central Tennessee. <i>Castanea</i> , 2011, 76, 279-292.	0.2	6
435	Timber harvest intensifies spawning-salmon disturbance of macroinvertebrates in southeastern Alaskan streams. <i>Journal of the North American Benthological Society</i> , 2011, 30, 49-59.	3.0	13
436	Ecosystem services delivered by small-scale wetlands. <i>Hydrological Sciences Journal</i> , 2011, 56, 1467-1484.	1.2	71
437	Assessing the local effects of riparian restoration on urban streams. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2011, 45, 625-636.	0.8	14
438	Acid mine drainage affects the development and function of epilithic biofilms in streams. <i>Journal of the North American Benthological Society</i> , 2011, 30, 728-738.	3.0	34
439	An Index of Cumulative Disturbance to River Fish Habitats of the Conterminous United States from Landscape Anthropogenic Activities. <i>Ecological Restoration</i> , 2011, 29, 133-151.	0.6	75
440	Biological changes along the continuum of an agricultural stream: influence of a small terrestrial preserve and use of adult caddisflies in biomonitoring. <i>Journal of Freshwater Ecology</i> , 2011, 26, 381-397.	0.5	29
441	Interacting watershed size and landcover influences on habitat and biota of Lake Superior coastal wetlands. <i>Aquatic Ecosystem Health and Management</i> , 2011, 14, 443-455.	0.3	9
442	Dominant perspectives and the shape of urban stormwater futures. <i>Urban Water Journal</i> , 2011, 8, 337-349.	1.0	24
443	Runoff water quality and vegetative establishment for groundcovers on steep slopes. <i>Journal of Soils and Water Conservation</i> , 2011, 66, 132-141.	0.8	11
444	Untangling human development and natural gradients: Implications of underlying correlation structure for linking landscapes and riverine ecosystems. <i>River Systems</i> , 2011, 19, 207-224.	0.2	9
445	Landscapeâ€stream interactions and habitat conservation for amphibians. , 2011, 21, 1272-1282.		50
446	Spatial covariation between freshwater and terrestrial ecosystem services. , 2011, 21, 2034-2048.		65
447	Quantifying the Extent of and Factors Associated with the Temporal Variability of Physical Stream Habitat in Headwater Streams in the Interior Columbia River Basin. <i>Transactions of the American Fisheries Society</i> , 2011, 140, 399-414.	0.6	10
448	How novel is too novel? Stream community thresholds at exceptionally low levels of catchment urbanization. , 2011, 21, 1659-1678.		136
449	The landâ€™s legacy effect: Adding temporal context to lake chemistry. <i>Limnology and Oceanography</i> , 2011, 56, 2362-2370.	1.6	27
450	A Levels-of-Evidence Approach for Assessing Cumulative Ecosystem Response to Estuary and River Restoration Programs. <i>Ecological Restoration</i> , 2011, 29, 111-132.	0.6	20
451	Frogs, Fish and Forestry: An Integrated Watershed Network Paradigm Conserves Biodiversity and Ecological Services. <i>Diversity</i> , 2011, 3, 503-530.	0.7	11

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452	Tearing Down Mountains: Using Spatial and Metabolic Analysis to Investigate the Socio-Ecological Contradictions of Coal Extraction in Appalachia. <i>Critical Sociology</i> , 2012, 38, 437-457.	0.9	23
453	Exploring Effects of Urbanization on Stream Health: A Characterization of Water Quality and Channel Stability along Lost Creek. , 2012, , .		0
454	Environmental Reviews and Case Studies: New Strategies for Implementing Locally Integrated Stream Restoration Projects. <i>Environmental Practice</i> , 2012, 14, 26-34.	0.3	2
455	Response of Fish Communities to Various Environmental Variables across Multiple Spatial Scales. <i>International Journal of Environmental Research and Public Health</i> , 2012, 9, 3629-3653.	1.2	25
456	Integrative water protection and river basin management policy: The Danube case. <i>River Systems</i> , 2012, 20, 129-144.	0.2	8
457	Biological diversity of the Minnesota caddisflies (Insecta, Trichoptera). <i>ZooKeys</i> , 2012, 189, 1-389.	0.5	23
458	Influence of riparian habitat on aquatic macroinvertebrate community colonization within riparian zones of agricultural headwater streams. <i>Journal of Freshwater Ecology</i> , 2012, 27, 393-407.	0.5	11
459	Acid Mine Drainage Index (AMDI): a benthic invertebrate biotic index for assessing coal mining impacts in New Zealand streams. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2012, 46, 335-352.	0.8	23
460	Object-based image analysis for operational fine-scale regional mapping of land cover within river corridors from multispectral imagery and thematic data. <i>International Journal of Remote Sensing</i> , 2012, 33, 4603-4633.	1.3	14
461	Does large-sized cities' urbanisation predominantly degrade environmental resources in China? Relationships between urbanisation and resources in the Changjiang Delta Region. <i>International Journal of Sustainable Development and World Ecology</i> , 2012, 19, 321-329.	3.2	14
462	Fish Species of Greatest Conservation Need in Wadeable Iowa Streams: Current Status and Effectiveness of Aquatic Gap Program Distribution Models. <i>North American Journal of Fisheries Management</i> , 2012, 32, 135-146.	0.5	9
463	Scale Dependence in Relating Land Use/Cover to Stream Macroinvertebrate Communities in the Central Appalachian Mountains, USA. <i>GIScience and Remote Sensing</i> , 2012, 49, 53-70.	2.4	3
464	Catchment topography and wetland geomorphology drive macroinvertebrate community structure and juvenile salmonid distributions in south-central Alaska headwater streams. <i>Freshwater Science</i> , 2012, 31, 341-364.	0.9	18
465	Mapping and monitoring riparian vegetation distribution, structure and composition with regression tree models and post-classification change metrics. <i>International Journal of Remote Sensing</i> , 2012, 33, 4266-4290.	1.3	20
466	Influence of natural and novel organic carbon sources on denitrification in forest, degraded urban, and restored streams. <i>Ecological Monographs</i> , 2012, 82, 449-466.	2.4	105
467	Distribution of Fish in the Upper Citarum River: an Adaptive Response to Physico-Chemical Properties. <i>HAYATI Journal of Biosciences</i> , 2012, 19, 191-196.	0.1	7
468	Environmental Reviews and Case Studies: Shale Gas Development and Brook Trout: Scaling Best Management Practices to Anticipate Cumulative Effects. <i>Environmental Practice</i> , 2012, 14, 366-381.	0.3	14
469	In-Stream Nutrient Flux and Retention in Relation to Land Use in the Llobregat River Basin. <i>Handbook of Environmental Chemistry</i> , 2012, , 69-92.	0.2	7

#	ARTICLE	IF	CITATIONS
470	Environmental correlates of signal crayfish, <i>Pacifastacus leniusculus</i> (Dana, 1852), density and size at two spatial scales in its native range. <i>Journal of Crustacean Biology</i> , 2012, 32, 741-752.	0.3	10
471	Consistent effects of productivity and disturbance on diversity between landscapes. <i>Ecosphere</i> , 2012, 3, 1-19.	1.0	20
473	Integrating habitat restoration and fisheries management : A small-scale case-study to support EEL conservation at the global scale. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2012, , 04.	0.5	4
474	Geomorphic-Ecological Relationships Highly Variable between Headwater and Network Mountain Streams of Northern Idaho, United States. <i>Journal of the American Water Resources Association</i> , 2012, 48, 1221-1232.	1.0	9
475	Scale-dependent longitudinal patterns in mussel communities. <i>Freshwater Biology</i> , 2012, 57, 2272-2284.	1.2	54
476	Irreversible river water quality and the concept of the reference condition. <i>Area</i> , 2012, 44, 423-431.	1.0	10
477	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
478	Costs of living for juvenile Chinook salmon (<i>Oncorhynchus tshawytscha</i>) in an increasingly warming and invaded world. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2012, 69, 1621-1630.	0.7	39
479	Regional prediction of wetland degradation in South Africa. <i>Wetlands Ecology and Management</i> , 2012, 20, 491-502.	0.7	14
480	Measuring stock and change in the GB countryside for policy " Key findings and developments from the Countryside Survey 2007 field survey. <i>Journal of Environmental Management</i> , 2012, 113, 117-127.	3.8	58
481	Evaluation of spatial and temporal variation in stream water quality by multivariate statistical techniques: A case study of the Xiangxi River basin, China. <i>Quaternary International</i> , 2012, 282, 137-144.	0.7	61
482	Habitat Associations of Fish Species of Greatest Conservation Need at Multiple Spatial Scales in Wadeable Iowa Streams. <i>North American Journal of Fisheries Management</i> , 2012, 32, 1046-1061.	0.5	24
483	Characterizing the Spatiotemporal Pattern of Land Use and Cover Change in Oujiang River Basin, China. , 2012, , .		0
484	Geomorphic Effects of Mosses in a Low-Order Stream in Fairfax County, Virginia. <i>Physical Geography</i> , 2012, 33, 360-382.	0.6	5
485	Relationships among catchment land use and concentrations of nutrients, algae, and dissolved oxygen in a southern California river. <i>Freshwater Science</i> , 2012, 31, 908-927.	0.9	25
486	Linkages Between Riparian Characteristics, Ungulate Grazing, and Geomorphology and Nutrient Cycling in Montane Grassland Streams. <i>Rangeland Ecology and Management</i> , 2012, 65, 475-485.	1.1	10
487	Associations of Benthic Macroinvertebrate Assemblages with Environmental Variables in the Upper Clear Creek Watershed, California. <i>Western North American Naturalist</i> , 2012, 72, 473-494.	0.2	2
488	A conceptual model of the citizen stream stewardship decision process in an urbanising Midwestern United States watershed. <i>Journal of Environmental Planning and Management</i> , 2012, 55, 253-270.	2.4	5

#	ARTICLE	IF	CITATIONS
489	Conservation from the bottom up: forecasting effects of global change on dynamics of organic matter and management needs for river networks. <i>Freshwater Science</i> , 2012, 31, 51-68.	0.9	63
490	Effects of Landscape Characteristics on Water Quality and Fish Assemblages in the Tallapoosa River Basin, Alabama. <i>Southeastern Naturalist</i> , 2012, 11, 239-252.	0.2	10
491	Water quality and benthic macroinvertebrate communities in karst landscapes of North Island, New Zealand: influences of water sources, habitat type and anthropogenic disturbances. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2012, 46, 263-277.	0.8	4
492	Landscape characteristics and coho salmon (<i>Oncorhynchus kisutch</i>) distributions: explaining abundance versus occupancy. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2012, 69, 457-468.	0.7	22
493	Elevated mercury levels in biota along an agricultural land use gradient in the Oldman River basin, Alberta. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2012, 69, 1202-1213.	0.7	7
494	Horizontal and vertical structuring in the dispersal of adult aquatic insects in a fragmented landscape. <i>Fundamental and Applied Limnology</i> , 2012, 180, 27-40.	0.4	43
495	Relationships between stream macroinvertebrates and environmental variables at multiple spatial scales. <i>Freshwater Biology</i> , 2012, 57, 2107-2124.	1.2	63
496	Decomposition of maize leaves and grasses in restored agricultural streams. <i>Freshwater Science</i> , 2012, 31, 848-864.	0.9	20
497	Geology as a Structuring Mechanism of Stream Fish Communities. <i>Transactions of the American Fisheries Society</i> , 2012, 141, 962-974.	0.6	15
498	Maintenance of biodiversity in vineyard-dominated landscapes: a case study on larval salamanders. <i>Animal Conservation</i> , 2012, 15, 136-141.	1.5	16
499	Land use drivers of species re-expansion: inferring colonization dynamics in Eurasian otters. <i>Diversity and Distributions</i> , 2012, 18, 1001-1012.	1.9	15
500	The effects of local and regional environmental factors on the structure of fish assemblages in the Pirap Basin, Southern Brazil. <i>Landscape and Urban Planning</i> , 2012, 105, 336-344.	3.4	53
501	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
502	Implications of anthropogenic disturbance factors on the Trichoptera assemblage in a Mediterranean fluvial system: Are Trichoptera useful for identifying land-use alterations?. <i>Ecological Indicators</i> , 2012, 14, 114-123.	2.6	17
503	A new biological indicator to assess the ecological status of Mediterranean trout type streams. <i>Ecological Indicators</i> , 2012, 20, 295-303.	2.6	21
504	Assessing the effects of landscape pattern on river water quality at multiple scales: A case study of the Dongjiang River watershed, China. <i>Ecological Indicators</i> , 2012, 23, 166-175.	2.6	197
505	Integrating forest biomass and distance from channel to develop an indicator of riparian condition. <i>Ecological Indicators</i> , 2012, 23, 46-55.	2.6	23
506	Influence of landscape on assemblages of Chironomidae in Neotropical streams. <i>Annales De Limnologie</i> , 2012, 48, 391-400.	0.6	25

#	ARTICLE	IF	CITATIONS
507	Local extinction and colonisation in native and exotic fish in relation to changes in land use. <i>Marine and Freshwater Research</i> , 2012, 63, 175.	0.7	2
508	Impacts of land use on the structure of river macroinvertebrate communities across Tasmania, Australia: spatial scales and thresholds. <i>Marine and Freshwater Research</i> , 2012, 63, 762.	0.7	27
509	Predicting biological condition in southern California streams. <i>Landscape and Urban Planning</i> , 2012, 108, 17-27.	3.4	29
510	Weak Concordance between Fish and Macroinvertebrates in Mediterranean Streams. <i>PLoS ONE</i> , 2012, 7, e51115.	1.1	40
511	Multiple Stressors in Agricultural Streams: A Mesocosm Study of Interactions among Raised Water Temperature, Sediment Addition and Nutrient Enrichment. <i>PLoS ONE</i> , 2012, 7, e49873.	1.1	152
512	Linking in-stream nutrient flux to land use and inter-annual hydrological variability at the watershed scale. <i>Science of the Total Environment</i> , 2012, 440, 72-81.	3.9	32
513	Knickpoint effects on macroinvertebrates, sediment, and discharge in urban and forested streams: urbanization outweighs microscale habitat heterogeneity. <i>Freshwater Science</i> , 2012, 31, 282-295.	0.9	11
514	Permeability of riparian forest strips in agricultural, small subtropical watersheds in south-eastern Brazil. <i>Marine and Freshwater Research</i> , 2012, 63, 1272.	0.7	19
515	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
516	Effects of Land Cover Disturbance on Stream Invertebrate Diversity and Metal Concentrations in a Small Urban Industrial Watershed. <i>Human and Ecological Risk Assessment (HERA)</i> , 2012, 18, 1078-1095.	1.7	6
517	Modelling Stream-Fish Functional Traits in Reference Conditions: Regional and Local Environmental Correlates. <i>PLoS ONE</i> , 2012, 7, e45787.	1.1	30
518	A GIS Framework for Fish Habitat Prediction at the River Basin Scale. <i>International Journal of Ecology</i> , 2012, 2012, 1-10.	0.3	6
519	Managing Artificially Drained Low-Gradient Agricultural Headwaters for Enhanced Ecosystem Functions. <i>Biology</i> , 2012, 1, 794-856.	1.3	35
520	Diet of <i>Astyanax paranae</i> (Characidae) in streams with different riparian land covers in the Passa-Cinco River basin, southeastern Brazil. <i>Iheringia - Serie Zoologia</i> , 2012, 102, 80-87.	0.5	16
521	ENVIRONMENTAL DETERMINANTS OF WATER QUALITY IN BOREAL RIVERS BASED ON PARTITIONING METHODS. <i>River Research and Applications</i> , 2012, 28, 1034-1046.	0.7	34
522	EVALUATING DAM RE-OPERATION FOR FRESHWATER CONSERVATION IN THE SUSTAINABLE RIVERS PROJECT. <i>River Research and Applications</i> , 2012, 28, 777-792.	0.7	44
523	AN EXAMINATION OF THE IMPACT OF MULTIPLE DISTURBANCES ON A RIVER SYSTEM: TAXONOMIC METRICS VERSUS BIOLOGICAL TRAITS. <i>River Research and Applications</i> , 2012, 28, 1630-1643.	0.7	17
524	Relationships between the Seasonal Variations of Macroinvertebrates, and Land Uses for Biomonitoring in the Xitiaoxi River Watershed, China. <i>International Review of Hydrobiology</i> , 2012, 97, 184-199.	0.5	16

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525	Using a process-based catchment-scale model for enhancing field-based stream assessments and predicting stream fish assemblages. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2012, 22, 511-525.	0.9	7
526	Cumulative effects of land use on fish metrics in different types of running waters in Austria. <i>Aquatic Sciences</i> , 2012, 74, 329-341.	0.6	32
527	Light history modulates antioxidant and photosynthetic responses of biofilms to both natural (light) and chemical (herbicides) stressors. <i>Ecotoxicology</i> , 2012, 21, 1208-1224.	1.1	25
528	Application of the diminishing returns concept in the hydroecologic restoration of riverscapes. <i>Landscape Ecology</i> , 2012, 27, 671-682.	1.9	7
529	Floodplain ecosystem response to climate variability and land-cover and land-use change in Lower Missouri River basin. <i>Landscape Ecology</i> , 2012, 27, 843-857.	1.9	32
530	Influence of Land Use and Nutrient Flux on Metabolic Activity of <i>E. coli</i> O157 in River Water. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 3077-3083.	1.1	14
531	The Influence of Landscape Position and Catchment Characteristics on Aquatic Biogeochemistry in High-Elevation Lake-Chains. <i>Ecosystems</i> , 2012, 15, 363-386.	1.6	53
532	Nitrate Concentrations in Springs Flowing into the Lower Flint River Basin, Georgia U.S.A. <i>Journal of the American Water Resources Association</i> , 2012, 48, 423-438.	1.0	13
533	Comparison of Stream Invertebrate Response Models for Bioassessment Metrics. <i>Journal of the American Water Resources Association</i> , 2012, 48, 570-583.	1.0	27
534	Urban Impacts on Streams are Scale-Dependent With Nonlinear Influences on Their Physical and Biotic Recovery in Vermont, United States. <i>Journal of the American Water Resources Association</i> , 2012, 48, 679-697.	1.0	16
535	Catchment-scale peatland restoration benefits stream ecosystem biodiversity. <i>Journal of Applied Ecology</i> , 2012, 49, 182-191.	1.9	48
536	Improving the effectiveness of riparian management for aquatic invertebrates in a degraded agricultural landscape: stream size and land-use legacies. <i>Journal of Applied Ecology</i> , 2012, 49, 213-222.	1.9	50
537	A riverscape perspective of Pacific salmonids and aquatic habitats prior to large-scale dam removal in the Elwha River, Washington, USA. <i>Fisheries Management and Ecology</i> , 2012, 19, 36-53.	1.0	41
538	Contemporary changes in dissolved organic carbon (DOC) in human-dominated rivers: is there a role for DOC management?. <i>Freshwater Biology</i> , 2012, 57, 26-42.	1.2	223
539	Why is achieving good ecological outcomes in rivers so difficult?. <i>Freshwater Biology</i> , 2012, 57, 91-107.	1.2	91
540	Investigating the relationships between environmental stressors and stream condition using Bayesian belief networks. <i>Freshwater Biology</i> , 2012, 57, 58-73.	1.2	39
541	Quantifying relationships between land-use gradients and structural and functional indicators of stream ecological integrity. <i>Freshwater Biology</i> , 2012, 57, 74-90.	1.2	140
542	A laboratory study of the effects of shelter availability and invasive crayfish on the growth of native stream fish. <i>Freshwater Biology</i> , 2012, 57, 874-882.	1.2	21

#	ARTICLE	IF	CITATIONS
543	Functional diversity and traitâ€environment relationships of stream fish assemblages in a large tropical catchment. <i>Freshwater Biology</i> , 2012, 57, 1060-1075.	1.2	138
544	The influences of climatic variation and vegetation on stream biota: lessons from the <sc>B</sc>ig <sc>D</sc>ry in southeastern <sc>A</sc>ustralia. <i>Global Change Biology</i> , 2012, 18, 1582-1596.	4.2	68
545	Multiple human pressures and their spatial patterns in <sc>E</sc>uropean running waters. <i>Water and Environment Journal</i> , 2012, 26, 261-273.	1.0	154
546	Response of streamâ€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
547	Impacts of highway crossings on density of brook charr in streams. <i>Journal of Applied Ecology</i> , 2012, 49, 395-403.	1.9	32
548	Upland deforestation triggered an ecosystem stateâ€shift in a kettle peatland. <i>Journal of Ecology</i> , 2012, 100, 586-596.	1.9	33
549	Impacts of Dams on Flow Regimes in Three Headwater Subbasins of the Columbia River Basin, United States¹. <i>Journal of the American Water Resources Association</i> , 2012, 48, 925-938.	1.0	9
550	Exploring the influences of multiscale environmental factors on the American dipper <i>Cinclus mexicanus</i>. <i>Ecography</i> , 2012, 35, 624-636.	2.1	11
551	The European reference condition concept: A scientific and technical approach to identify minimally-impacted river ecosystems. <i>Science of the Total Environment</i> , 2012, 420, 33-42.	3.9	143
552	An assessment of landscape characteristics affecting estuarine nitrogen loading in an urban watershed. <i>Journal of Environmental Management</i> , 2012, 94, 50-60.	3.8	33
553	An evaluation of light intensity functions for determination of shaded reference stream metabolism. <i>Journal of Environmental Management</i> , 2012, 97, 69-77.	3.8	3
554	A hierarchical theory of macroecology. <i>Ecology Letters</i> , 2012, 15, 923-934.	3.0	55
555	Patterns of elevational beta diversity in microâ€and macroorganisms. <i>Global Ecology and Biogeography</i> , 2012, 21, 743-750.	2.7	97
556	Applying additive modelling and gradient boosting to assess the effects of watershed and reach characteristics on riverine assemblages. <i>Methods in Ecology and Evolution</i> , 2012, 3, 116-128.	2.2	55
557	Influences of watershed landscape composition and configuration on lakeâ€water quality in the Yangtze River basin of China. <i>Hydrological Processes</i> , 2012, 26, 570-578.	1.1	64
558	Stream nitrate uptake and transient storage over a gradient of geomorphic complexity, northâ€central Colorado, USA. <i>Hydrological Processes</i> , 2012, 26, 3241-3252.	1.1	52
559	Assessing stream integrity based on interpretations of map-based riparian and subbasin properties. <i>Landscape and Ecological Engineering</i> , 2012, 8, 33-43.	0.7	7
560	High Variability in Sediment Characteristics of a Neotropical Stream Impacted by Surface Mining and Gully Erosion. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 389-398.	1.1	7

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561	Impacts of urbanization on stream habitats and macroinvertebrate communities in the tributaries of Qiangtang River, China. <i>Hydrobiologia</i> , 2012, 680, 39-51.	1.0	86
562	Prediction of stream fish assemblages from land use characteristics: implications for cost-effective design of monitoring programmes. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 1435-1448.	1.3	17
563	Interactions between soil, rainfall, and wildlife drive surface water quality across a savanna ecosystem. <i>Ecohydrology</i> , 2013, 6, 94-103.	1.1	12
564	GROUNDWATER INFLUENCES ON THE DISTRIBUTION AND ABUNDANCE OF RIVERINE SMALLMOUTH BASS, <i>MICROPTERUS DOLOMIEU</i> , IN PASTURE LANDSCAPES OF THE MIDWESTERN USA. <i>River Research and Applications</i> , 2013, 29, 269-278.	0.7	30
565	STRUCTURAL EQUATION MODELLING: A NOVEL STATISTICAL FRAMEWORK FOR EXPLORING THE SPATIAL DISTRIBUTION OF BENTHIC MACROINVERTEBRATES IN RIVERINE ECOSYSTEMS. <i>River Research and Applications</i> , 2013, 29, 743-759.	0.7	26
566	HOW PROXIMITY OF LAND USE AFFECTS STREAM FISH AND HABITAT. <i>River Research and Applications</i> , 2013, 29, 891-905.	0.7	16
567	A tool to assess the ecological condition of tropical high Andean streams in Ecuador and Peru: The IMEERA index. <i>Ecological Indicators</i> , 2013, 29, 79-92.	2.6	49
568	Local- and landscape-level controls on coarse particulate organic matter retention in urban and forested small streams of central Massachusetts. <i>Freshwater Science</i> , 2013, 32, 576-585.	0.9	7
569	Eurasian Dipper Eggs Indicate Elevated Organohalogenated Contaminants in Urban Rivers. <i>Environmental Science & Technology</i> , 2013, 47, 130717151648003.	4.6	13
570	Assessment of land cover changes & water quality changes in the Zayandehroud River Basin between 1997-2008. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 10511-10519.	1.3	29
571	Tools for bioindicator assessment in rivers: The importance of spatial scale, land use patterns and biotic integration. <i>Ecological Indicators</i> , 2013, 34, 460-477.	2.6	28
572	Variation in Estuarine Consumer Communities Along An Assembled Eutrophication Gradient: Implications for Trophic Instability. <i>Estuaries and Coasts</i> , 2013, 36, 951-965.	1.0	12
573	Linking forest harvest and landscape factors to benthic macroinvertebrate communities in the interior of British Columbia. <i>Hydrobiologia</i> , 2013, 717, 65-84.	1.0	4
574	Can nutrients mask community responses to insecticide mixtures?. <i>Ecotoxicology</i> , 2013, 22, 1085-1100.	1.1	45
575	Are Toronto's streams sick? A look at the fish and benthic invertebrate communities in the Toronto region in relation to the urban stream syndrome. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 7857-7875.	1.3	22
576	Impacts of land use at the catchment scale constrain the habitat benefits of stream riparian buffers. <i>Freshwater Biology</i> , 2013, 58, 2310-2324.	1.2	37
577	Habitat and hydrology condition indices for the upper Mississippi, Missouri, and Ohio rivers. <i>Ecological Indicators</i> , 2013, 29, 111-124.	2.6	6
578	Elemental stoichiometry of basal resources and benthic macroinvertebrates along a land use gradient in a Great Basin watershed. <i>Hydrobiologia</i> , 2013, 716, 115-129.	1.0	10

#	ARTICLE	IF	CITATIONS
579	Optimizing stream bioassessment: habitat, season, and the impacts of land use on benthic macroinvertebrates. <i>Hydrobiologia</i> , 2013, 704, 363-373.	1.0	30
580	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
581	Statistical and Spatial Analysis of Land Cover Impact on Selected Metro Vancouver, British Columbia Watersheds. <i>Environmental Management</i> , 2013, 51, 18-31.	1.2	8
582	Influences of agricultural landuse and seasonal changes in abiotic conditions on invertebrate colonisation of riparian leaf detritus in intermittent streams. <i>Aquatic Sciences</i> , 2013, 75, 285-297.	0.6	7
583	Diversity and Density of Aquatic Insects in the Lower Reach of River Moirang, Manipur, North East India. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2013, 83, 575-584.	0.4	8
584	Effects of Land Use Intensification on Fish Assemblages in Mediterranean Climate Streams. <i>Environmental Management</i> , 2013, 52, 1213-1229.	1.2	16
585	Effects of riparian land use on water quality and fish communities in the headwater stream of the Taizi River in China. <i>Frontiers of Environmental Science and Engineering</i> , 2013, 7, 699-708.	3.3	33
586	Landscape-scale modeling of water quality in Lake Superior and Lake Michigan watersheds: How useful are forest-based indicators?. <i>Journal of Great Lakes Research</i> , 2013, 39, 211-223.	0.8	17
587	Evaluating manure release parameters for nonpoint contaminant transport model KINEROS2/STWIR. <i>Ecological Modelling</i> , 2013, 263, 126-138.	1.2	23
588	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
589	Scale and ecological dependence of ecosystem services evaluation: Spatial extension and economic value of freshwater ecosystems in Italy. <i>Ecological Indicators</i> , 2013, 32, 259-263.	2.6	35
590	Predicting thermal reference conditions for USA streams and rivers. <i>Freshwater Science</i> , 2013, 32, 39-55.	0.9	49
591	Water quality change and habitat potential in riparian ecosystems. <i>Ecohydrology and Hydrobiology</i> , 2013, 13, 192-200.	1.0	21
592	Scale-dependent effects of rural activities on benthic macroinvertebrates and physico-chemical characteristics in headwater streams of the Mara River, Kenya. <i>Ecological Indicators</i> , 2013, 32, 116-122.	2.6	52
593	Assessment and recovery of European water bodies: key messages from the WISER project. <i>Hydrobiologia</i> , 2013, 704, 1-9.	1.0	59
594	Understanding the combined influence of fine sediment and glyphosate herbicide on stream periphyton communities. <i>Water Research</i> , 2013, 47, 5110-5120.	5.3	36
595	Streams and Their Valleys. , 2013, , 265-276.		0
596	Species Distribution Models of Freshwater Stream Fishes in Maryland and Their Implications for Management. <i>Environmental Modeling and Assessment</i> , 2013, 18, 1-12.	1.2	23

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597	Temporal land cover analysis for net ecosystem improvement. <i>Ecohydrology and Hydrobiology</i> , 2013, 13, 84-96.	1.0	8
598	Primed for Change: Developing Ecological Restoration for the 21st Century. <i>Restoration Ecology</i> , 2013, 21, 297-304.	1.4	147
599	Does stream water chemistry reflect watershed characteristics?. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 5683-5701.	1.3	16
600	Land use and socioeconomic influences on a vulnerable freshwater resource in northern New England, United States. <i>Environment, Development and Sustainability</i> , 2013, 15, 625-643.	2.7	10
601	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
602	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
603	Upstream river morphology and riparian land use overrule local restoration effects on ecological status assessment. <i>Hydrobiologia</i> , 2013, 704, 489-501.	1.0	102
604	Effects of physico-chemistry, land use and hydromorphology on three riverine organism groups: a comparative analysis with monitoring data from Germany and Austria. <i>Hydrobiologia</i> , 2013, 704, 389-415.	1.0	89
605	Quantifying temporal and spatial variations in sediment, nitrogen and phosphorus transport in stream inflows to a large eutrophic lake. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 1137.	1.7	26
606	Aquatic Invertebrate Community Trends and Water Quality at Homestead National Monument of America, Nebraska, 1996–2012. <i>Transactions of the Kansas Academy of Science</i> , 2013, 116, 97-112.	0.0	1
607	Stream Characteristics Associated with Site Occupancy by the Eastern Hellbender, <i>Cryptobranchus alleganiensis alleganiensis</i> , in Southern West Virginia. <i>Northeastern Naturalist</i> , 2013, 20, 666-677.	0.1	20
608	Scenario analysis predicts context-dependent stream response to land use change in a heavily mined central Appalachian watershed. <i>Freshwater Science</i> , 2013, 32, 1246-1259.	0.9	28
609	Riparian vegetation assemblages and associated landscape factors across an urbanizing metropolitan area. <i>Ecoscience</i> , 2013, 20, 373-382.	0.6	11
610	Impacts and prognosis of natural resource development on aquatic biodiversity in Canada's boreal zone. <i>Environmental Reviews</i> , 2013, 21, 227-259.	2.1	47
611	Environmental factors associated with fish distribution in an urban neotropical river (Upper Tietz) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	17
612	Stressor prioritisation in riverine ecosystems: Which environmental factors shape benthic invertebrate assemblage metrics?. <i>Ecological Indicators</i> , 2013, 27, 83-96.	2.6	77
613	Effect of catchment urbanization on ant diversity in remnant riparian corridors. <i>Landscape and Urban Planning</i> , 2013, 110, 155-163.	3.4	13
614	Dissimilarity of stream insect assemblages: effects of multiple scales and spatial distances. <i>Hydrobiologia</i> , 2013, 703, 239-246.	1.0	43

#	ARTICLE	IF	CITATIONS
615	The importance of metacommunity ecology for environmental assessment research in the freshwater realm. <i>Biological Reviews</i> , 2013, 88, 166-178.	4.7	237
616	Health, condition, and survival of creek chub (<i>Semotilus atromaculatus</i>) across a gradient of stream habitat quality following an experimental cortisol challenge. <i>Hydrobiologia</i> , 2013, 702, 283-296.	1.0	12
617	Influence of a forest remnant on macroinvertebrate communities in a degraded tropical stream. <i>Hydrobiologia</i> , 2013, 703, 203-213.	1.0	36
618	River classification as the basis for freshwater biological assessment in overseas Europe: Issues raised from Guadeloupe (French Lesser Antilles). <i>International Review of Hydrobiology</i> , 2013, 98, 34-43.	0.5	3
619	Optimizing agri-environment schemes to improve river health and conservation value. <i>Agriculture, Ecosystems and Environment</i> , 2013, 181, 157-168.	2.5	27
620	A spatial multi-criteria planning scheme for evaluating riparian buffer restoration priorities. <i>Ecological Engineering</i> , 2013, 54, 155-164.	1.6	20
621	A catchment scale evaluation of multiple stressor effects in headwater streams. <i>Science of the Total Environment</i> , 2013, 442, 420-431.	3.9	56
622	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
623	Influence of hydro-geomorphology, land-use and riparian zone characteristics on herbicide occurrence and distribution in sediments in Songhua River Basin, northeastern China. <i>Geoderma</i> , 2013, 193-194, 156-164.	2.3	14
624	Fluoxetine alters adult freshwater mussel behavior and larval metamorphosis. <i>Science of the Total Environment</i> , 2013, 445-446, 94-100.	3.9	50
625	Effects of golf course facilities on stream function in anthropogenically impacted streams. <i>Anthropocene</i> , 2013, 3, 51-60.	1.6	0
626	Influences of low-head dams on the fish assemblages in the headwater streams of the Qingyi watershed, China. <i>Environmental Biology of Fishes</i> , 2013, 96, 495-506.	0.4	23
627	Response of three lotic assemblages to riparian and catchment-scale land use: implications for designing catchment monitoring programmes. <i>Freshwater Biology</i> , 2013, 58, 715-729.	1.2	81
628	Choice of study area and predictors affect habitat suitability projections, but not the performance of species distribution models of stream biota. <i>Ecological Modelling</i> , 2013, 257, 1-10.	1.2	49
629	Effects of an experimental short-term cortisol challenge on the behaviour of wild creek chub <i>Semotilus atromaculatus</i> in mesocosm and stream environments. <i>Journal of Fish Biology</i> , 2013, 82, 1138-1158.	0.7	17
630	Habitat loss drives threshold response of benthic invertebrate communities to deposited sediment in agricultural streams. <i>Ecological Applications</i> , 2013, 23, 1036-1047.	1.8	172
631	Invertebrates, Freshwater, Overview. , 2013, , 369-378.		0
632	Exploring the ecological constraints to multiple ecosystem service delivery and biodiversity. <i>Journal of Applied Ecology</i> , 2013, 50, 561-571.	1.9	102

#	ARTICLE	IF	CITATIONS
633	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
634	Influence of riparian vegetation and forest structure on the water quality of rural low-order streams in SE Brazil. <i>Forest Ecology and Management</i> , 2013, 298, 12-18.	1.4	102
635	Classifying the Health of Connecticut Streams Using Benthic Macroinvertebrates with Implications for Water Management. <i>Environmental Management</i> , 2013, 51, 1274-1283.	1.2	9
636	A comparative review of recovery processes in rivers, lakes, estuarine and coastal waters. <i>Hydrobiologia</i> , 2013, 704, 453-474.	1.0	128
637	Elevated light and nutrients alter the nutritional quality of stream periphyton. <i>Freshwater Biology</i> , 2013, 58, 1447-1457.	1.2	52
638	Effects of mountaintop mining on fish distributions in central Appalachia. <i>Ecology of Freshwater Fish</i> , 2013, 22, 578-586.	0.7	15
639	A scale-sensitive connectivity analysis to identify ecological networks and conservation value in river networks. <i>Landscape Ecology</i> , 2013, 28, 1239-1249.	1.9	15
640	Land use effects on resource net flux rates and oxygen demand in stream sediments. <i>Freshwater Biology</i> , 2013, 58, 1405-1415.	1.2	8
641	The effects of land use changes on streams and rivers in mediterranean climates. <i>Hydrobiologia</i> , 2013, 719, 383-425.	1.0	142
642	Removal of intensive agriculture from the landscape improves aquatic ecosystem health. <i>Agriculture, Ecosystems and Environment</i> , 2013, 176, 1-8.	2.5	18
643	Linking land use, in-stream stressors, and biological condition to infer causes of regional ecological impairment in streams. <i>Freshwater Science</i> , 2013, 32, 801-820.	0.9	75
644	Distance, dams and drift: what structures populations of an endangered, benthic stream fish?. <i>Freshwater Biology</i> , 2013, 58, 2050-2064.	1.2	71
645	Leaf-litter processing in headwater streams of northern Iberian Peninsula: moderate levels of eutrophication do not explain breakdown rates. <i>Hydrobiologia</i> , 2013, 718, 41-57.	1.0	16
646	Species distribution modelling for the people: unclassified landsat TM imagery predicts bird occurrence at fine resolutions. <i>Diversity and Distributions</i> , 2013, 19, 855-866.	1.9	57
647	The additive partitioning of macroinvertebrate diversity in tropical reservoirs. <i>Marine and Freshwater Research</i> , 2013, 64, 609.	0.7	9
648	Land use drives the physiological properties of a stream fish. <i>Ecological Indicators</i> , 2013, 24, 224-235.	2.6	40
649	Is fine sediment deposition a main driver for the composition of benthic macroinvertebrate assemblages?. <i>Ecological Indicators</i> , 2013, 24, 589-598.	2.6	43
650	Defining quantitative stream disturbance gradients and the additive role of habitat variation to explain macroinvertebrate taxa richness. <i>Ecological Indicators</i> , 2013, 25, 45-57.	2.6	146

#	ARTICLE	IF	CITATIONS
651	Regional fish community indicators of landscape disturbance to catchments of the conterminous United States. <i>Ecological Indicators</i> , 2013, 26, 163-173.	2.6	61
652	Spatial scale of land use impacts on riverine drinking source water quality. <i>Water Resources Research</i> , 2013, 49, 1591-1601.	1.7	35
653	The role of riparian buffer management in reducing off-site impacts from grazed dairy systems. <i>Renewable Agriculture and Food Systems</i> , 2013, 28, 1-16.	0.8	27
654	Land use/cover changes and vulnerability to flooding in the Harts catchment, South Africa. <i>Southern African Geographical Journal</i> , 2013, 95, 105-116.	0.9	10
655	Stream and Retention Pond Thermal Response to Heated Summer Runoff From Urban Impervious Surfaces. <i>Journal of the American Water Resources Association</i> , 2013, 49, 328-342.	1.0	43
656	Spatial Considerations in Wet and Dry Periods for Phosphorus in Streams of the Fort Cobb Watershed, United States. <i>Journal of the American Water Resources Association</i> , 2013, 49, 908-922.	1.0	12
657	Rotational vegetation burning effects on peatland stream ecosystems. <i>Journal of Applied Ecology</i> , 2013, 50, 636-648.	1.9	28
658	Global climate change in large European rivers: long-term effects on macroinvertebrate communities and potential local confounding factors. <i>Global Change Biology</i> , 2013, 19, 1085-1099.	4.2	92
659	Multi-scaled drivers of rural prairie stream metabolism along human activity gradients. <i>Freshwater Biology</i> , 2013, 58, 675-689.	1.2	22
660	Status of the freshwater mussel (Unionidae) communities of the mainstem of the Leon River, Texas. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2013, 23, 390-404.	0.9	26
661	Development and Application of an Agricultural Intensity Index to Invertebrate and Algal Metrics from Streams at Two Scales. <i>Journal of the American Water Resources Association</i> , 2013, 49, 431-448.	1.0	7
662	Scale, assessment components, and reference conditions: Issues for cumulative effects assessment in Canadian watersheds. <i>Integrated Environmental Assessment and Management</i> , 2013, 9, 370-379.	1.6	24
663	Assessing Linkages in Stream Habitat, Geomorphic Condition, and Biological Integrity Using a Generalized Regression Neural Network. <i>Journal of the American Water Resources Association</i> , 2013, 49, 415-430.	1.0	12
664	Abrupt biological discontinuity in a small Michigan (USA) stream due to historical riparian canopy loss. <i>Journal of Freshwater Ecology</i> , 2013, 28, 293-306.	0.5	11
665	Channel Unit Use by Smallmouth Bass: Do Land Use Constraints or Quantity of Habitat Matter?. <i>North American Journal of Fisheries Management</i> , 2013, 33, 351-358.	0.5	12
666	Ecological Impacts of Energy-Wood Harvests: Lessons from Whole-Tree Harvesting and Natural Disturbance. <i>Journal of Forestry</i> , 2013, 111, 139-153.	0.5	41
667	Are generalist and specialist species influenced differently by anthropogenic stressors and physical environment of riparian corridors?. <i>Riparian Ecology and Conservation</i> , 2013, 1, .	1.0	1
668	Impact of India's watershed development programs on biomass productivity. <i>Water Resources Research</i> , 2013, 49, 1568-1580.	1.7	1

#	ARTICLE	IF	CITATIONS
669	Clustering and classifying channel morphology in Eastern Oklahoma ecoregions using dissimilarity coefficients. <i>Physical Geography</i> , 2013, 34, 512-528.	0.6	4
670	Green Infrastructure Design for Stormwater Runoff and Water Quality: Empirical Evidence from Large Watershed-Scale Community Developments. <i>Water (Switzerland)</i> , 2013, 5, 2038-2057.	1.2	47
671	Characterizing Transient Storage and Nitrate Uptake for Pre-restoration Monitoring of Lost Creek. , 2013, , .		0
672	Effects of anthropogenic impacts on benthic macroinvertebrates assemblages in subtropical mountain streams. <i>Iheringia - Serie Zoologia</i> , 2013, 103, 342-349.	0.5	8
673	The influence of connectivity in forest patches, and riparian vegetation width on stream macroinvertebrate fauna. <i>Brazilian Journal of Biology</i> , 2013, 73, 231-238.	0.4	24
674	Quantifying the production of dissolved organic nitrogen in headwater streams using ¹⁵ N tracer additions. <i>Limnology and Oceanography</i> , 2013, 58, 1271-1285.	1.6	21
675	Indicator value of lotic water mites (Acari: Hydrachnidia) and their use in macroinvertebrate-based indices for water quality assessment purposes. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2013, , 08.	0.5	20
676	Distribution of periphytic algae in wetlands (Palm swamps, Cerrado), Brazil. <i>Brazilian Journal of Biology</i> , 2013, 73, 331-346.	0.4	23
677	Benefits of riparian forest for the aquatic ecosystem assessed at a large geographic scale. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2013, , 06.	0.5	14
678	Thermal Carrying Capacity for a Thermally-Sensitive Species at the Warmest Edge of Its Range. <i>PLoS ONE</i> , 2013, 8, e81354.	1.1	20
679	Assessing "Dangerous Climate Change": Required Reduction of Carbon Emissions to Protect Young People, Future Generations and Nature. <i>PLoS ONE</i> , 2013, 8, e81648.	1.1	448
680	Diversidade de moluscos em riachos de uma região de encosta no extremo sul do Brasil. <i>Biota Neotropica</i> , 2013, 13, 213-221.	1.0	4
681	Science to Support Management of Receiving Waters in an Event-Driven Ecosystem: From Land to River to Sea. <i>Water (Switzerland)</i> , 2013, 5, 780-797.	1.2	39
682	Structure of benthic macroinvertebrate assemblages on a gradient of environmental integrity in Neotropical streams. <i>Acta Limnológica Brasiliensia</i> , 2013, 25, 418-428.	0.4	10
683	A Bayesian Belief Network approach to evaluating complex effects of irrigation-driven agricultural intensification scenarios on future aquatic environmental and economic values in a New Zealand catchment. <i>Marine and Freshwater Research</i> , 2013, 64, 460.	0.7	20
684	Hydrosedimentological disequilibrium in a small, urbanized watershed. <i>Acta Limnológica Brasiliensia</i> , 2013, 25, 140-149.	0.4	5
685	Deforestation and Benthic Indicators: How Much Vegetation Cover Is Needed to Sustain Healthy Andean Streams?. <i>PLoS ONE</i> , 2014, 9, e105869.	1.1	50
686	The Effects of Spatial Scale on Breakdown of Leaves in a Tropical Watershed. <i>PLoS ONE</i> , 2014, 9, e97072.	1.1	39

#	ARTICLE	IF	CITATIONS
687	Functional Changes in Littoral Macroinvertebrate Communities in Response to Watershed-Level Anthropogenic Stress. PLoS ONE, 2014, 9, e101499.	1.1	20
688	Factors Influencing Bank Geomorphology and Erosion of the Haw River, a High Order River in North Carolina, since European Settlement. PLoS ONE, 2014, 9, e110170.	1.1	17
689	Effects of human activities on rivers located in protected areas of the Atlantic Forest. Acta Limnologica Brasiliensia, 2014, 26, 60-72.	0.4	16
690	Agriculture and Eutrophication: Where Do We Go from Here?. Sustainability, 2014, 6, 5853-5875.	1.6	370
691	Linking Spatial Patterns of Groundwater Table Dynamics and Streamflow Generation Processes in a Small Developed Catchment. Water (Switzerland), 2014, 6, 3085-3117.	1.2	21
692	Characterizing hydrologic change through catchment classification. Hydrology and Earth System Sciences, 2014, 18, 273-285.	1.9	75
693	Taxonomic composition and feeding habits of Chironomidae in Cerrado streams (Southeast Brazil): impacts of land use changes. Acta Limnologica Brasiliensia, 2014, 26, 35-46.	0.4	15
694	Effect of land use on mayfly assemblages structure in Neotropical headwater streams. Anais Da Academia Brasileira De Ciencias, 2014, 86, 1735-1747.	0.3	17
695	The Association Between Riverscape and Place Attachment in Historical Cities in Malaysia. Jurnal Teknologi (Sciences and Engineering), 2014, 70, .	0.3	1
696	Comment: Cultural eutrophication of natural lakes in the United States is real and widespread. Limnology and Oceanography, 2014, 59, 2217-2225.	1.6	35
697	Macroinvertebrate functional feeding groups in Kenyan highland streams: evidence for a diverse shredder guild. Freshwater Science, 2014, 33, 435-450.	0.9	101
698	Assessing the biological relevance of aquatic connectivity to stream fish communities. Canadian Journal of Fisheries and Aquatic Sciences, 2014, 71, 1852-1863.	0.7	24
699	The Role of Complexity in Habitat Use and Selection by Stream Fishes in a Snake River Basin Tributary. Transactions of the American Fisheries Society, 2014, 143, 1177-1187.	0.6	15
700	Building Watershed Narratives: An Approach for Broadening the Scope of Success in Urban Stream Restoration. Landscape Research, 2014, 39, 698-714.	0.7	19
701	Using the Ecological Risk Index Based on Combined Watershed and Administrative Boundaries to Assess Human Disturbances on River Ecosystems. Human and Ecological Risk Assessment (HERA), 2014, 20, 1590-1607.	1.7	6
702	A generalized optimization model of microbially driven aquatic biogeochemistry based on thermodynamic, kinetic, and stoichiometric ecological theory. Ecological Modelling, 2014, 294, 1-18.	1.2	12
703	Modeling spatially varying landscape change points in species occurrence thresholds. Ecosphere, 2014, 5, art145.	1.0	13
704	Testing Ecological Tradeoffs of a New Tool for Removing Fine Sediment in a Spring-fed Stream. Ecological Restoration, 2014, 32, 68-77.	0.6	5

#	ARTICLE	IF	CITATIONS
705	Ecological consequences of global climate change for freshwater ecosystems in South Africa. South African Journal of Science, 2014, 110, 11.	0.3	48
706	A HyperSpectral Imaging (HSI) approach for bio-digestate real time monitoring. , 2014, , .		1
707	Conservation benefits of riparian buffers in urban areas: the case of the Rio Corgo (north Portugal). Fundamental and Applied Limnology, 2014, 185, 55-70.	0.4	10
708	Impact of long-term habitat loss on the Japanese eel <i>Anguilla japonica</i> . Estuarine, Coastal and Shelf Science, 2014, 151, 361-369.	0.9	67
709	Hydroclimatic flood trends in the northeastern United States and linkages with large-scale atmospheric circulation patterns. Hydrological Sciences Journal, 2014, 59, 1636-1655.	1.2	42
710	What predicts the use by brook trout (<i>Salvelinus fontinalis</i>) of terrestrial invertebrate subsidies in headwater streams?. Freshwater Biology, 2014, 59, 187-199.	1.2	16
711	Linking interdecadal changes in British river ecosystems to water quality and climate dynamics. Global Change Biology, 2014, 20, 2725-2740.	4.2	31
712	Learning the ropes: mussel spat ropes improve fish and shrimp passage through culverts. Journal of Applied Ecology, 2014, 51, 214-223.	1.9	24
713	Urban stormwater runoff limits distribution of platypus. Austral Ecology, 2014, 39, 337-345.	0.7	7
714	Impacts and indicators of change in lotic ecosystems. Wiley Interdisciplinary Reviews: Water, 2014, 1, 513-531.	2.8	92
715	Responses of stream fish populations to farming intensity and water abstraction in an agricultural catchment. Freshwater Biology, 2014, 59, 286-299.	1.2	59
716	WETLAND HABITAT PATCHES AS ECOLOGICAL COMPONENTS OF LANDSCAPE MEMORY IN A HIGHLY MODIFIED FLOODPLAIN. River Research and Applications, 2014, 30, 874-886.	0.7	10
717	Threats and opportunities for freshwater conservation under future land use change scenarios in the United States. Global Change Biology, 2014, 20, 113-124.	4.2	78
718	Spatial and temporal analysis of land cover changes and water quality in the Lake Issaqueena watershed, South Carolina. Environmental Monitoring and Assessment, 2014, 186, 7617-7630.	1.3	13
719	Changes in the distributions of freshwater mussels (Unionoida: Hyriidae) in coastal south-eastern Australia and implications for their conservation status. Aquatic Conservation: Marine and Freshwater Ecosystems, 2014, 24, 203-217.	0.9	15
720	RESPONSES OF INTERMITTENT STREAM FISH ASSEMBLAGES TO IRRIGATION DEVELOPMENT. River Research and Applications, 2014, 30, 1248-1256.	0.7	4
721	An approach for aggregating upstream catchment information to support research and management of fluvial systems across large landscapes. SpringerPlus, 2014, 3, 589.	1.2	17
722	Miscanthus agronomy and bioenergy feedstock potential on minesoils. Biofuels, 2014, 5, 741-770.	1.4	16

#	ARTICLE	IF	CITATIONS
723	Riparian shading mitigates stream eutrophication in agricultural catchments. <i>Freshwater Science</i> , 2014, 33, 73-84.	0.9	71
724	The influence of floodplain restoration on whole-stream metabolism in an agricultural stream: insights from a 5-year continuous data set. <i>Freshwater Science</i> , 2014, 33, 1043-1059.	0.9	60
725	Developing a foundation for eco-epidemiological assessment of aquatic ecological status over large geographic regions utilizing existing data resources and models. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1665-1677.	2.2	26
726	Congruence of community thresholds in response to anthropogenic stress in Great Lakes coastal wetlands. <i>Freshwater Science</i> , 2014, 33, 958-971.	0.9	34
727	Reach-Scale Land Use Drives the Stress Responses of a Resident Stream Fish. <i>Physiological and Biochemical Zoology</i> , 2014, 87, 113-124.	0.6	8
728	Response of endemic <i>Clarias</i> species life-history biometrics to land use around the papyrus-dominated Mpologoma riverine wetland, Uganda. <i>African Journal of Aquatic Science</i> , 2014, 39, 249-261.	0.5	0
729	Changes in Structure and Function of Fish Assemblages along Environmental Gradients in an Intensive Agricultural Region of Subtropical Taiwan. <i>Pacific Science</i> , 2014, 68, 213-230.	0.2	2
730	A tiered aquatic life unit bioassessment model for Gulf of Mexico coastal streams. <i>Fisheries Management and Ecology</i> , 2014, 21, 491-502.	1.0	4
731	Wetland and landscape indices for assessing the condition of semiarid Mediterranean saline wetlands under agricultural hydrological pressures. <i>Ecological Indicators</i> , 2014, 36, 400-408.	2.6	19
732	Scale-dependent effects of land cover on water physico-chemistry and diatom-based metrics in a major river system, the Adour-Garonne basin (South Western France). <i>Science of the Total Environment</i> , 2014, 466-467, 47-55.	3.9	30
733	Bank erosion hazard index as an indicator of near-bank aquatic habitat and community structure in a southeastern Piedmont stream. <i>Ecological Indicators</i> , 2014, 43, 19-28.	2.6	13
734	Classification of habitats highlights priorities for conservation policies: The case of Spanish Mediterranean tall humid herb grasslands. <i>Journal for Nature Conservation</i> , 2014, 22, 142-156.	0.8	8
735	Coupling socio-economic factors and eco-hydrological processes using a cascade-modeling approach. <i>Journal of Hydrology</i> , 2014, 518, 49-59.	2.3	33
736	Do golf courses reduce the ecological value of headwater streams for salamanders in the southern Appalachian Mountains?. <i>Landscape and Urban Planning</i> , 2014, 125, 17-27.	3.4	12
737	Land-use impacts on fatty acid profiles of suspended particulate organic matter along a larger tropical river. <i>Science of the Total Environment</i> , 2014, 482-483, 62-70.	3.9	38
738	Macroinvertebrate assemblage patterns as indicators of water quality in the Xindian watershed, Taiwan. <i>Journal of Asia-Pacific Entomology</i> , 2014, 17, 505-513.	0.4	15
739	Fish assemblages in forest drainage ditches: Degraded small streams or novel habitats?. <i>Limnologica</i> , 2014, 46, 37-44.	0.7	8
740	IDENTIFYING SENSITIVE INDICES IN THE RESPONSE OF AQUATIC BIOTA TO LANDSCAPE PATTERN CHANGES: A CASE STUDY OF THE TAIZI RIVER BASIN IN NORTH CHINA. <i>River Research and Applications</i> , 2014, 30, 1013-1023.	0.7	3

#	ARTICLE	IF	CITATIONS
741	Effect of Native Vegetation Loss on Stream Ecosystem Processes: Dissolved Organic Matter Composition and Export in Agricultural Landscapes. <i>Ecosystems</i> , 2014, 17, 82-95.	1.6	18
742	Occurrence of Macro-zoobenthos Against the Varied Altitudinal Gradient and Ecology in a Trout Stream (Lidder) of Kashmir Himalaya, India. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2014, 84, 287-297.	0.4	5
743	Cross-taxon responses to elevated nutrients in European streams and lakes. <i>Aquatic Sciences</i> , 2014, 76, 51-60.	0.6	8
744	Habitat associations of fish assemblages in the Cache River, Illinois. <i>Environmental Biology of Fishes</i> , 2014, 97, 27-42.	0.4	4
745	Assessing the Link Between Coastal Urbanization and the Quality of Nekton Habitat in Mangrove Tidal Tributaries. <i>Estuaries and Coasts</i> , 2014, 37, 832-846.	1.0	9
746	Integrating catchment properties in small scale species distribution models of stream macroinvertebrates. <i>Ecological Modelling</i> , 2014, 277, 77-86.	1.2	70
747	Spatial heterogeneity of stream environmental conditions and macroinvertebrates community in an agriculture dominated watershed and management implications for a large river (the Liao River, Tj ETQq0 0 0 rgBT 10 verlock 110 Tf 50 4	1.0	15
748	Effect of land use on the structure and diversity of riparian vegetation in the Duero river watershed in Michoacán, Mexico. <i>Plant Ecology</i> , 2014, 215, 285-296.	0.7	39
749	Biogeography and lake morphometry drive diatom and chironomid assemblages' composition in lacustrine surface sediments of oceanic islands. <i>Hydrobiologia</i> , 2014, 730, 93-112.	1.0	15
750	Environmental determinants of woody and herbaceous riparian vegetation patterns in a semi-arid mediterranean basin. <i>Hydrobiologia</i> , 2014, 730, 45-57.	1.0	20
751	The potential and limitations of linking biological monitoring data and restoration needs of urbanized waterways: a case study. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 3859-3873.	1.3	9
752	Spatial relationships between land-use, habitat, water quality and lotic macroinvertebrates in two Swiss catchments. <i>Aquatic Sciences</i> , 2014, 76, 375-392.	0.6	26
753	Nekton Community Structure Varies in Response to Coastal Urbanization Near Mangrove Tidal Tributaries. <i>Estuaries and Coasts</i> , 2014, 37, 815-831.	1.0	16
754	Understanding and predicting the combined effects of climate change and land-use change on freshwater macroinvertebrates and fish. <i>Journal of Applied Ecology</i> , 2014, 51, 572-581.	1.9	157
755	Influence of riparian quality on macroinvertebrate assemblages in subtropical mountain streams. <i>Journal of Natural History</i> , 2014, 48, 1153-1167.	0.2	15
756	Responses of the ichthyofauna to urbanization in two urban areas in Southeast Brazil. <i>Urban Ecosystems</i> , 2014, 17, 675-690.	1.1	16
757	Modelling occupancy of an imperilled stream fish at multiple scales while accounting for imperfect detection: implications for conservation. <i>Freshwater Biology</i> , 2014, 59, 1799-1815.	1.2	34
758	The impact of land use on the mussel <i>Margaritifera margaritifera</i> and its host fish <i>Salmo trutta</i> . <i>Hydrobiologia</i> , 2014, 735, 213-220.	1.0	31

#	ARTICLE	IF	CITATIONS
759	Visually determined stream mesohabitats influence benthic macroinvertebrate assessments in headwater streams. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 5479-5488.	1.3	22
760	High resolution land cover data improve understanding of mechanistic linkages with stream integrity. <i>Freshwater Biology</i> , 2014, 59, 1721-1734.	1.2	7
761	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
762	Sensitivity of structural and functional indicators depends on type and resolution of anthropogenic activities. <i>Ecological Indicators</i> , 2014, 45, 274-284.	2.6	24
763	Can the structure of a riparian forest remnant influence stream water quality? A tropical case study. <i>Hydrobiologia</i> , 2014, 724, 175-185.	1.0	66
764	Risk-Informed Management of European River Basins. <i>Handbook of Environmental Chemistry</i> , 2014, , .	0.2	17
765	Relating landscape characteristics to non-point source pollution in a typical urbanized watershed in the municipality of Beijing. <i>Landscape and Urban Planning</i> , 2014, 123, 96-107.	3.4	107
766	Agricultural disturbance response models for invertebrate and algal metrics from streams at two spatial scales within the U.S.. <i>Hydrobiologia</i> , 2014, 726, 285-303.	1.0	27
767	Effect of riparian vegetation on diatom assemblages in headwater streams under different land uses. <i>Science of the Total Environment</i> , 2014, 475, 234-247.	3.9	36
768	Effects of fine sediment addition and removal on stream invertebrates and fish: a reach-scale experiment. <i>Freshwater Biology</i> , 2014, 59, 2584-2604.	1.2	23
769	Unraveling the relationships between freshwater invertebrate assemblages and interacting environmental factors. <i>Freshwater Science</i> , 2014, 33, 1148-1158.	0.9	22
770	A Review of Urban Water Body Challenges and Approaches: (1) Rehabilitation and Remediation. <i>Fisheries</i> , 2014, 39, 18-29.	0.6	59
771	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
772	Streamside Forest Buffer Width Needed to Protect Stream Water Quality, Habitat, and Organisms: A Literature Review. <i>Journal of the American Water Resources Association</i> , 2014, 50, 560-584.	1.0	259
773	Effects of Land Use and Climate Change on Stream Temperature II: Threshold Exceedance Duration Projections for Freshwater Mussels. <i>Journal of the American Water Resources Association</i> , 2014, 50, 1177-1190.	1.0	8
774	The changing nature of river restoration. <i>Wiley Interdisciplinary Reviews: Water</i> , 2014, 1, 249-261.	2.8	94
775	Can biological traits of stream invertebrates help disentangle the effects of multiple stressors in an agricultural catchment?. <i>Freshwater Biology</i> , 2014, 59, 2431-2446.	1.2	84
776	Implementing the DPSIR framework to link water quality of rivers to land use: methodological issues and preliminary field test. <i>International Journal of River Basin Management</i> , 0, , 1-17.	1.5	6

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777	Historical Changes in Nebraska's Lotic Fish Assemblages: Implications of Anthropogenic Alterations. <i>American Midland Naturalist</i> , 2014, 172, 160-184.	0.2	6
778	Influence of Natural and Anthropogenic Disturbances on Spawning Sockeye Salmon Distributions in the Cedar River, Washington. <i>Transactions of the American Fisheries Society</i> , 2014, 143, 709-720.	0.6	3
779	FISH ASSEMBLAGE RELATIONSHIPS WITH PHYSICAL CHARACTERISTICS AND PRESENCE OF DAMS IN THREE EASTERN IOWA RIVERS. <i>River Research and Applications</i> , 2014, 30, 427-441.	0.7	8
780	How past riparian management practices can affect composition and structure of vegetation for headwater ecological restoration projects. <i>Acta Botanica Gallica</i> , 2014, 161, 309-320.	0.9	8
781	Channel complexity and nitrate concentrations drive denitrification rates in urban restored and unrestored streams. <i>Ecological Engineering</i> , 2014, 73, 770-777.	1.6	23
782	A Multi-Scaled Approach to Evaluating the Fish Assemblage Structure Within Southern Appalachian Streams. <i>Transactions of the American Fisheries Society</i> , 2014, 143, 1358-1371.	0.6	18
783	A Hierarchical Community Occurrence Model for North Carolina Stream Fish. <i>Transactions of the American Fisheries Society</i> , 2014, 143, 1348-1357.	0.6	5
784	Black-fly assemblage distribution patterns in streams in disturbed areas in southern Brazil. <i>Acta Tropica</i> , 2014, 140, 26-33.	0.9	12
785	The Effect of Land Use on Isotope Signatures of the Detritus Pathway in an Urban Wetland System. <i>Wetlands</i> , 2014, 34, 1183-1190.	0.7	4
786	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
787	New target fisheries lead to spatially variable food web effects in an ecosystem model of the California Current. <i>Ecological Modelling</i> , 2014, 289, 96-105.	1.2	7
788	Physiographic gradients determine nutrient concentrations more than land use in a Gulf Slope (USA) river system. <i>Freshwater Science</i> , 2014, 33, 731-744.	0.9	10
789	Modeling freshwater mussel distribution in relation to biotic and abiotic habitat variables at multiple spatial scales. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2014, 71, 1483-1497.	0.7	13
790	A "behaviorscape"™ perspective on stream fish ecology and conservation: linking fish behavior to riverscapes. <i>Wiley Interdisciplinary Reviews: Water</i> , 2014, 1, 385-400.	2.8	22
791	Aquatic insects along environmental gradients in a karst river system: A comparative analysis of EPT larvae assemblage components. <i>International Review of Hydrobiology</i> , 2014, 99, 222-235.	0.5	5
792	Shifts in attributes along agriculture-forest transitions of two streams in central Ohio, USA. <i>Agriculture, Ecosystems and Environment</i> , 2014, 197, 106-117.	2.5	23
793	Reduced riparian zone width compromises aquatic macroinvertebrate communities in streams of southern Brazil. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 7063-7074.	1.3	28
794	Effects of watershed land use on sources and nutritional value of particulate organic matter in temperate headwater streams. <i>Aquatic Sciences</i> , 2014, 76, 419-436.	0.6	33

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795	Diversity of Benthic Biofilms Along a Land Use Gradient in Tropical Headwater Streams, Puerto Rico. <i>Microbial Ecology</i> , 2014, 68, 47-59.	1.4	21
796	Scale Effects on Spatially Varying Relationships Between Urban Landscape Patterns and Water Quality. <i>Environmental Management</i> , 2014, 54, 272-287.	1.2	51
797	Multi-scale assessment of habitats and stressors influencing stream fish assemblages in the Lake Pontchartrain Basin, USA. <i>Hydrobiologia</i> , 2014, 738, 129-146.	1.0	5
798	The relative influence of catchment and site variables on fish and macroinvertebrate richness in cerrado biome streams. <i>Landscape Ecology</i> , 2014, 29, 1001-1016.	1.9	82
799	Spatial weighting of land use and temporal weighting of antecedent discharge improves prediction of stream condition. <i>Landscape Ecology</i> , 2014, 29, 1171-1185.	1.9	26
800	Modeling turbidity type and intensity effects on the growth and starvation mortality of age-0 yellow perch. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2014, 71, 1544-1553.	0.7	16
801	Multi-decade Responses of a Tidal Creek System to Nutrient Load Reductions: Mattawoman Creek, Maryland USA. <i>Estuaries and Coasts</i> , 2014, 37, 111-127.	1.0	35
802	Can artificial waterways provide a refuge for floodplain biodiversity? A case study from North Western Germany. <i>Ecological Engineering</i> , 2014, 73, 31-44.	1.6	19
803	Fish assemblages in subtropical rivers: low-flow hydrology dominates hydro-ecological relationships. <i>Hydrological Sciences Journal</i> , 2014, 59, 594-604.	1.2	21
804	Urbanization and stream salamanders: a review, conservation options, and research needs. <i>Freshwater Science</i> , 2014, 33, 927-940.	0.9	22
805	Ecological compensation: From general guidance and expertise to specific proposals for road developments. <i>Environmental Impact Assessment Review</i> , 2014, 45, 54-62.	4.4	13
806	Can excluding non-insect taxa from stream macroinvertebrate surveys enhance the sensitivity of taxonomic distinctness indices to human disturbance?. <i>Ecological Indicators</i> , 2014, 41, 175-182.	2.6	37
807	Freshwater ecosystem service footprint model: A model to evaluate regional freshwater sustainable developmentâ€™A case study in Beijingâ€™Tianjinâ€™Hebei, China. <i>Ecological Indicators</i> , 2014, 39, 1-9.	2.6	51
808	A riverscape transect approach to studying and restoring river systems: A case study from southern China. <i>Ecological Engineering</i> , 2014, 65, 147-158.	1.6	11
809	A framework for coupling explanation and prediction in hydroecological modelling. <i>Environmental Modelling and Software</i> , 2014, 61, 274-286.	1.9	12
810	Effects of agricultural land use on stream assemblages: Taxon-specific responses of alpha and beta diversity. <i>Ecological Indicators</i> , 2014, 45, 386-393.	2.6	57
811	Assessment of stream ecosystem health based on oxygen metabolism: Which sensor to use?. <i>Ecological Engineering</i> , 2014, 69, 134-138.	1.6	12
812	Integration of cover crops and vermicompost tea for soil and plant health management in a short-term vegetable cropping system. <i>Applied Soil Ecology</i> , 2014, 82, 26-37.	2.1	31

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813	Responses of Mediterranean aquatic and riparian communities to human pressures at different spatial scales. <i>Ecological Indicators</i> , 2014, 45, 456-464.	2.6	56
814	SEASONALLY DRIVEN VARIATION IN SPATIAL RELATIONSHIPS BETWEEN AGRICULTURAL LAND USE AND IN-STREAM NUTRIENT CONCENTRATIONS. <i>River Research and Applications</i> , 2014, 30, 476-493.	0.7	15
815	The effects of environmental integrity on the diversity of mayflies, Leptophlebiidae (Ephemeroptera), in tropical streams of the Brazilian Cerrado. <i>Annales De Limnologie</i> , 2014, 50, 325-334.	0.6	16
816	Terrestrial and Inland Water Systems. , 0, , 271-360.		25
817	The taxonomic distinctness of macroinvertebrate communities of Atlantic Forest streams cannot be predicted by landscape and climate variables, but traditional biodiversity indices can. <i>Brazilian Journal of Biology</i> , 2014, 74, 991-999.	0.4	9
818	A comparison of nutrient export at two agricultural catchments: insight into the effect of increasing urban land cover in southern Ontario. <i>Hydrological Processes</i> , 2014, 28, 4328-4339.	1.1	6
819	Litter decomposition in highly urbanized rivers: influence of restoration on ecosystem function. <i>Fundamental and Applied Limnology</i> , 2014, 185, 7-18.	0.4	11
820	Influence of watershed-climate interactions on stream temperature, sediment yield, and metabolism along a land use intensity gradient in Indonesian Borneo. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 1110-1128.	1.3	51
821	Influence of grazing and land use on stream-channel characteristics among small dairy farms in the Eastern United States. <i>Renewable Agriculture and Food Systems</i> , 2015, 30, 524-536.	0.8	3
822	Environmental effects on survival rates: robust regression, recovery planning and endangered Atlantic salmon. <i>Ecology and Evolution</i> , 2015, 5, 3450-3461.	0.8	5
823	The Science Framework for Implementing the Fisheries Protection Provisions of Canada's Fisheries Act. <i>Fisheries</i> , 2015, 40, 268-275.	0.6	20
824	Unifying research on the fragmentation of terrestrial and aquatic habitats: patches, connectivity and the matrix in riverscapes. <i>Freshwater Biology</i> , 2015, 60, 1487-1501.	1.2	62
825	Importance of landscape heterogeneity in sustaining hydrologic ecosystem services in an agricultural watershed. <i>Ecosphere</i> , 2015, 6, 1-19.	1.0	91
826	Delineation and characterization of Michigan, USA, caddisfly (Insecta: Trichoptera) biodiversity and comparison with Minnesota. <i>Journal of Freshwater Ecology</i> , 2015, 30, 525-542.	0.5	6
827	Ecological risk assessment for residual coal fly ash at Watts Bar Reservoir, Tennessee: Limited alteration of riverine-reservoir benthic invertebrate community following dredging of ash-contaminated sediment. <i>Integrated Environmental Assessment and Management</i> , 2015, 11, 43-55.	1.6	10
828	Fire and flood expand the floodplain shifting habitat mosaic concept. <i>Freshwater Science</i> , 2015, 34, 1366-1382.	0.9	25
829	Chironomids as indicators in freshwater ecosystems: an assessment of the literature. <i>Insect Conservation and Diversity</i> , 2015, 8, 393-403.	1.4	63
830	Landscape-based cumulative effects models for predicting stream response to mountaintop mining in multistressor Appalachian watersheds. <i>Freshwater Science</i> , 2015, 34, 1006-1019.	0.9	16

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832	The influence of water quality on hyporheic invertebrate communities in agricultural catchments. <i>Marine and Freshwater Research</i> , 2015, 66, 805.	0.7	11
833	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
834	Valuing recreational fishing quality at rivers and streams. <i>Water Resources Research</i> , 2015, 51, 140-150.	1.7	43
835	Urban Stream Ecology. <i>Agronomy</i> , 2015, , 341-352.	0.2	0
836	Urban Riparian Function. <i>Agronomy</i> , 2015, , 253-275.	0.2	1
837	Beyond greenspace: an ecological study of population general health and indicators of natural environment type and quality. <i>International Journal of Health Geographics</i> , 2015, 14, 17.	1.2	252
838	Multilevel analysis of a riverscape under rapid urbanization in the Yangtze delta plain, China: 1965â€“2006. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 711.	1.3	7
839	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
840	Shifts in reciprocal riverâ€“riparian arthropod fluxes along an urbanâ€“rural landscape gradient. <i>Freshwater Biology</i> , 2015, 60, 2156-2168.	1.2	30
841	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
842	Spatial modelling of stream water quality along an urbanâ€“rural gradient. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2015, 97, 819-834.	0.6	5
843	The importance of terrestrial dispersal for connectivity among headwater salamander populations. <i>Ecosphere</i> , 2015, 6, 1-9.	1.0	8
844	Spatial variation of macroinvertebrate community structure and associated environmental conditions in a subtropical river system of southeastern China. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2015, , 17.	0.5	4
845	Resetting the river template: the potential for climateâ€“related extreme floods to transform river geomorphology and ecology. <i>Freshwater Biology</i> , 2015, 60, 2477-2496.	1.2	82
846	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
847	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
848	Interactive multipleâ€“stressor effects of the antibiotic monensin, cattle effluent and light on stream periphyton. <i>Freshwater Biology</i> , 2015, 60, 2410-2423.	1.2	9
849	Complex contaminant mixtures in multistressor Appalachian riverscapes. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 2603-2610.	2.2	11

#	ARTICLE	IF	CITATIONS
850	Effect of land use on the composition, diversity and abundance of insects drifting in neotropical streams. <i>Brazilian Journal of Biology</i> , 2015, 75, 52-59.	0.4	12
851	Diversity and composition of Trichoptera (Insecta) larvae assemblages in streams with different environmental conditions at Serra da Bocaina, Southeastern Brazil. <i>Acta Limnologica Brasiliensia</i> , 2015, 27, 394-410.	0.4	8
852	The Role of Dissolved Organic Nitrogen in a Nitrate-Rich Agricultural Stream. <i>Journal of Environmental Quality</i> , 2015, 44, 668-675.	1.0	0
853	Land use change in the Atlantic Forest affects carbon and nitrogen sources of streams as revealed by the isotopic composition of terrestrial invertebrates. <i>Biota Neotropica</i> , 2015, 15, .	1.0	9
854	Efeito de fatores abióticos sobre <i>Brachymetra albinervis albinervis</i> (Heteroptera: Gerridae). <i>Iheringia - Serie Zoologia</i> , 2015, 105, 411-415.	0.5	7
855	Ecological assessment of a southeastern Brazil reservoir. <i>Biota Neotropica</i> , 2015, 15, .	1.0	13
856	Bird conservation would complement landslide prevention in the Central Andes of Colombia. <i>PeerJ</i> , 2015, 3, e779.	0.9	5
857	Hydromorphology and Biodiversity in Headwaters – An Eco- Faunistic Substrate Preference Assessment in Forest Springs of the German Subdued Mountains. , 2015, , .		2
858	Consequences of suppressing natural vegetation in drainage areas for freshwater ecosystem conservation: considerations on the new "Brazilian forest code". <i>Acta Botanica Brasilica</i> , 2015, 29, 262-269.	0.8	8
859	Alterations in land uses based on amendments to the Brazilian Forest Law and their influences on water quality of a watershed. <i>Brazilian Journal of Biology</i> , 2015, 75, 125-134.	0.4	12
860	Spatial patterns of water quality in Xingu River Basin (Amazonia) prior to the Belo Monte dam impoundment. <i>Brazilian Journal of Biology</i> , 2015, 75, 34-46.	0.4	7
861	Agricultural Best Management Practice Abundance and Location does not Influence Stream Ecosystem Function or Water Quality in the Summer Season. <i>Water (Switzerland)</i> , 2015, 7, 6861-6876.	1.2	15
862	A unique assemblage of cosmopolitan freshwater bacteria and higher community diversity differentiate an urbanized estuary from oligotrophic Lake Michigan. <i>Frontiers in Microbiology</i> , 2015, 6, 1028.	1.5	91
863	Effects of mountain tea plantations on nutrient cycling at upstream watersheds. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 4493-4504.	1.9	18
864	Community-environment relationships of riverine invertebrate communities in central Chinese streams. <i>Environmental Earth Sciences</i> , 2015, 74, 6431-6442.	1.3	7
865	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
866	Influence of a forest preserve on aquatic macroinvertebrates, habitat quality, and water quality in an urban stream. <i>Urban Ecosystems</i> , 2015, 18, 989-1006.	1.1	10
867	Taxon-specific physico-chemical change points for stream benthic invertebrates. <i>Ecological Indicators</i> , 2015, 57, 314-323.	2.6	40

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868	Reach-scale stream restoration in agricultural streams of southern Minnesota alters structural and functional responses of macroinvertebrates. <i>Freshwater Science</i> , 2015, 34, 535-546.	0.9	11
869	Importance of Riparian Forest Buffers in Conservation of Stream Biodiversity: Responses to Land Uses by Stream-Associated Salamanders across Two Southeastern Temperate Ecoregions. <i>Journal of Herpetology</i> , 2015, 49, 83.	0.2	29
870	Influence of Habitat and Land Use on the Assemblages of Ephemeroptera, Plecoptera, and Trichoptera in Neotropical Streams. <i>Journal of Insect Science</i> , 2015, 15, 60-60.	0.6	21
871	Balancing the environmental benefits of reforestation in agricultural regions. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2015, 17, 301-317.	1.1	122
872	The relative influence of topography and land cover on inorganic and organic carbon exports from catchments in southern Quebec, Canada. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 2562-2578.	1.3	7
873	Linking aquatic metabolism, gas exchange, and hypoxia to impacts along the 300-km Grand River, Canada. <i>Freshwater Science</i> , 2015, 34, 1216-1232.	0.9	15
874	Risk Assessment for Stream Modification Projects in Urban Settings. <i>ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering</i> , 2015, 1, 04015001.	1.1	0
875	Variation in Juvenile Steelhead Density in Relation to Instream Habitat and Watershed Characteristics. <i>Transactions of the American Fisheries Society</i> , 2015, 144, 577-590.	0.6	12
876	Assessing the importance of riparian zones conservation for leaf decomposition in streams. <i>Natureza A Conservacao</i> , 2015, 13, 178-182.	2.5	34
877	Conservation of imperiled crayfish, <i>Cambarus veteranus</i> (Decapoda: Reptantia: Cambaridae). <i>Journal of Crustacean Biology</i> , 2015, 35, 850-860.	0.3	8
878	Simulation of urban expansion patterns by integrating auto-logistic regression, Markov chain and cellular automata models. <i>Journal of Environmental Planning and Management</i> , 2015, 58, 1113-1136.	2.4	35
879	Ecohydrological model parameter selection for stream health evaluation. <i>Science of the Total Environment</i> , 2015, 511, 341-353.	3.9	29
880	Habitat conservation research for amphibians: methodological improvements and thematic shifts. <i>Biodiversity and Conservation</i> , 2015, 24, 1293-1310.	1.2	22
881	Determining useful benchmarks for the bioassessment of highly disturbed areas based on diatoms. <i>Limnologia</i> , 2015, 51, 83-93.	0.7	4
882	Catchment land use effects on fluxes and concentrations of organic and inorganic nitrogen in streams. <i>Agriculture, Ecosystems and Environment</i> , 2015, 199, 320-332.	2.5	13
883	Evaluating a Great Lakes scale landscape stressor index to assess water quality in the St. Louis River Area of Concern. <i>Journal of Great Lakes Research</i> , 2015, 41, 99-110.	0.8	8
884	Fine sediment deposition affects biodiversity and density of benthic macroinvertebrates: A case study in the freshwater pearl mussel river Waldai (Upper Austria). <i>Limnologica</i> , 2015, 50, 54-57.	0.7	46
885	The influence of land use on freshwater macroinvertebrates in a regulated and temporary Mediterranean river network. <i>Hydrobiologia</i> , 2015, 751, 201-213.	1.0	27

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886	The effect of riparian deforestation on macroinvertebrates associated with submerged woody debris. <i>Aquatic Ecology</i> , 2015, 49, 115-125.	0.7	29
887	Aquatic invasive species: challenges for the future. <i>Hydrobiologia</i> , 2015, 750, 147-170.	1.0	366
889	The effects of local, buffer zone and geographical variables on lake plankton metacommunities. <i>Hydrobiologia</i> , 2015, 743, 175-188.	1.0	15
890	Rapid ecosystem response to restoration in an urban stream. <i>Hydrobiologia</i> , 2015, 749, 197-211.	1.0	19
891	Differential ecological impacts of invader and native predatory freshwater amphipods under environmental change are revealed by comparative functional responses. <i>Biological Invasions</i> , 2015, 17, 1761-1770.	1.2	43
892	Altitudinal pattern of stream periphyton biomass in tributaries of the Lancangâ€“Mekong River: An indicator of anthropogenic impact?. <i>Quaternary International</i> , 2015, 380-381, 282-287.	0.7	9
893	Oil palm crops effects on environmental integrity of Amazonian streams and Heteropteran (Hemiptera) species diversity. <i>Ecological Indicators</i> , 2015, 52, 422-429.	2.6	74
894	Impacts of habitat degradation and stream spatial location on biodiversity in a disturbed riverine landscape. <i>Biodiversity and Conservation</i> , 2015, 24, 1423-1441.	1.2	20
895	Implications of leading crop production practices on environmental quality and human health. <i>Journal of Environmental Management</i> , 2015, 151, 267-279.	3.8	97
896	Influences of land use on water quality in a reticular river network area: A case study in Shanghai, China. <i>Landscape and Urban Planning</i> , 2015, 137, 20-29.	3.4	128
897	Land use legacies of the Ohio River Basin: Using a spatially explicit land use change model to assess past and future impacts on aquatic resources. <i>Applied Geography</i> , 2015, 57, 100-111.	1.7	43
898	Evaluating changes in stream fish species richness over a 50-year time-period within a landscape context. <i>Environmental Biology of Fishes</i> , 2015, 98, 1295-1309.	0.4	11
899	Predicting Brook Trout Occurrence in Stream Reaches throughout their Native Range in the Eastern United States. <i>Transactions of the American Fisheries Society</i> , 2015, 144, 11-24.	0.6	52
900	Benthic invertebrate density, biomass, and instantaneous secondary production along a fifth-order human-impacted tropical river. <i>Environmental Science and Pollution Research</i> , 2015, 22, 9864-9876.	2.7	11
901	Diatom assemblages and their associated environmental drivers in isolated oceanic island streams (Azores archipelago as case study). <i>Hydrobiologia</i> , 2015, 751, 89-103.	1.0	7
902	The potential effects of river regulation and watershed land use on sediment characteristics and lake primary producers in a large reservoir. <i>Hydrobiologia</i> , 2015, 749, 15-30.	1.0	14
903	Effects of water flow regulation on ecosystem functioning in a Mediterranean river network assessed by wood decomposition. <i>Science of the Total Environment</i> , 2015, 517, 57-65.	3.9	25
904	The influence of historical and contemporary landscape variables on the spatial genetic structure of the rainbow darter (<i>Etheostoma caeruleum</i>) in tributaries of the upper Mississippi River. <i>Conservation Genetics</i> , 2015, 16, 167-179.	0.8	6

#	ARTICLE	IF	CITATIONS
905	Impact of urbanization on aquatic insect assemblages in the coastal zone of Cameroon: the use of biotraits and indicator taxa to assess environmental pollution. <i>Hydrobiologia</i> , 2015, 755, 123-144.	1.0	27
906	Correspondence of biological condition models of California streams at statewide and regional scales. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 4086.	1.3	12
907	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
908	Influences of natural and anthropogenic factors on surface and groundwater quality in rural and urban areas. <i>Frontiers in Life Science: Frontiers of Interdisciplinary Research in the Life Sciences</i> , 2015, 8, 23-39.	1.1	603
909	Applicability and Interpretation of Fish Indices of Biotic Integrity (IBI) for Bioassessment in the Upper Midwest. <i>North American Journal of Fisheries Management</i> , 2015, 35, 281-295.	0.5	4
910	Temporal Analysis of Spatial Distribution of Built-Up Area in Peri-Urban Areas of Cochin, Kerala: Case-Study of Sub-Watershed in Periyar River. <i>Aquatic Procedia</i> , 2015, 4, 1445-1451.	0.9	2
911	The process domains concept as a framework for fish and mussel habitat in a coastal plain river of southeastern North America. <i>Ecological Engineering</i> , 2015, 75, 484-496.	1.6	8
912	A Fish-Based Index of Biotic Integrity for the Assessment of Streams Located in a Sugarcane-Dominated Landscape in Southeastern Brazil. <i>Environmental Management</i> , 2015, 56, 532-548.	1.2	15
913	A comparison of modelled and actual distributions of eleven benthic macroinvertebrate species in a Central European mountain catchment. <i>Hydrobiologia</i> , 2015, 758, 123-140.	1.0	5
914	Aquatic macrophytes alter productivity-€ richness relationships in eutrophic stream food webs. <i>Ecosphere</i> , 2015, 6, 1-18.	1.0	14
915	Scale-dependence effects of landscape on seasonal water quality in Xitiaoxi catchment of Taihu Basin, China. <i>Water Science and Technology</i> , 2015, 71, 59-66.	1.2	16
916	Organic matter breakdown in streams in a region of contrasting anthropogenic land use. <i>Science of the Total Environment</i> , 2015, 527-528, 179-184.	3.9	14
917	The Efficacy of Constructed Stream-€ Wetland Complexes at Reducing the Flux of Suspended Solids to Chesapeake Bay. <i>Environmental Science & Technology</i> , 2015, 49, 8986-8994.	4.6	23
918	Variation in stream diatom communities in relation to water quality and catchment variables in a boreal, urbanized region. <i>Science of the Total Environment</i> , 2015, 530-531, 279-289.	3.9	43
919	Influence of an exotic grass on benthic macroinvertebrate communities in a tropical rural landscape. <i>Hydrobiologia</i> , 2015, 762, 239-251.	1.0	3
920	A spatial classification and database for management, research, and policy making: The Great Lakes aquatic habitat framework. <i>Journal of Great Lakes Research</i> , 2015, 41, 584-596.	0.8	50
921	An attack on two fronts: predicting how changes in land use and climate affect the distribution of stream macroinvertebrates. <i>Freshwater Biology</i> , 2015, 60, 1443-1458.	1.2	66
922	Understanding the impacts of agriculture on Andean stream ecosystems of Colombia: a causal analysis using aquatic macroinvertebrates as indicators of biological integrity. <i>Freshwater Science</i> , 2015, 34, 727-740.	0.9	26

#	ARTICLE	IF	CITATIONS
923	Influence of thermal regime and land use on benthic invertebrate communities inhabiting headwater streams exposed to contrasted shading. <i>Science of the Total Environment</i> , 2015, 505, 1112-1126.	3.9	23
924	A new approach to modeling the sediment retention service (InVEST 3.0): Case study of the Cape Fear catchment, North Carolina, USA. <i>Science of the Total Environment</i> , 2015, 524-525, 166-177.	3.9	196
925	Genetic and environmental components of phenotypic and behavioral trait variation during lake sturgeon (<i>Acipenser fulvescens</i>) early ontogeny. <i>Environmental Biology of Fishes</i> , 2015, 98, 1659-1670.	0.4	23
926	Flow structure and mean residence times of lateral cavities in open channel flows: influence of bed roughness and shape. <i>Environmental Fluid Mechanics</i> , 2015, 15, 1069-1100.	0.7	22
927	Response of crayfish to hyporheic water availability and excess sedimentation. <i>Hydrobiologia</i> , 2015, 747, 147-157.	1.0	9
928	Ecoregional, catchment, and reach-scale environmental factors shape functional-trait structure of stream fish assemblages. <i>Hydrobiologia</i> , 2015, 753, 265-283.	1.0	38
929	Effect of thematic map misclassification on landscape multi-metric assessment. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 321.	1.3	5
930	New Zealand Dairy Farming: Milking Our Environment for All Its Worth. <i>Environmental Management</i> , 2015, 56, 709-720.	1.2	101
931	Responses of primary production, leaf litter decomposition and associated communities to stream eutrophication. <i>Environmental Pollution</i> , 2015, 202, 32-40.	3.7	52
932	Relative effects of landscape-scale wetland amount and landscape matrix quality on wetland vertebrates: a meta-analysis. <i>Ecological Applications</i> , 2015, 25, 812-825.	1.8	41
933	Responses of Aquatic Saproxyllic Macroinvertebrates to Reduced-Impact Logging in Central Amazonia. <i>Neotropical Entomology</i> , 2015, 44, 345-350.	0.5	8
934	Linking Landscape-Scale Disturbances to Stress and Condition of Fish: Implications for Restoration and Conservation. <i>Integrative and Comparative Biology</i> , 2015, 55, 618-630.	0.9	43
935	Human effects on ecological connectivity in aquatic ecosystems: Integrating scientific approaches to support management and mitigation. <i>Science of the Total Environment</i> , 2015, 534, 52-64.	3.9	143
936	Modelling and mapping the distribution, diversity and abundance of freshwater mussels (Family) Tj ETQq1 1 0.784314 rgBT /Overlock 1.2 29	1.2	29
937	Effects of land use on riparian birds in a semiarid region. <i>Journal of Arid Environments</i> , 2015, 119, 61-69.	1.2	15
938	Predicting Ecological Effects of Watershed-Wide Rain Garden Implementation Using a Low-Cost Methodology. <i>Journal of Environmental Engineering, ASCE</i> , 2015, 141, 04014063.	0.7	3
939	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
940	Restoring a stream through retention of urban stormwater runoff: a catchment-scale experiment in a social-ecological system. <i>Freshwater Science</i> , 2015, 34, 1161-1168.	0.9	71

#	ARTICLE	IF	CITATIONS
941	Human impact on plant biodiversity in functional floodplains of heavily modified rivers – A comparative study along German Federal Waterways. <i>Ecological Engineering</i> , 2015, 84, 463-475.	1.6	20
942	Effects of fire on the hydrology, biogeochemistry, and ecology of peatland river systems. <i>Freshwater Science</i> , 2015, 34, 1406-1425.	0.9	45
943	Fire effects on aquatic ecosystems: an assessment of the current state of the science. <i>Freshwater Science</i> , 2015, 34, 1340-1350.	0.9	132
944	Multiscale Environmental Influences on Fish Assemblage Structure of South Atlantic Coastal Plain Streams. <i>Transactions of the American Fisheries Society</i> , 2015, 144, 1040-1057.	0.6	9
945	Effect of mesohabitats on responses of invertebrate community structure in streams under different land uses. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 714.	1.3	3
946	An interactive land use transition agent-based model (ILUTABM): Endogenizing human-environment interactions in the Western Missisquoi Watershed. <i>Land Use Policy</i> , 2015, 49, 161-176.	2.5	32
947	Environmental implications of using –underutilised agricultural land–™ for future bioenergy crop production. <i>Agricultural Systems</i> , 2015, 139, 180-195.	3.2	24
949	Effects of human activities on benthic macroinvertebrate community composition and water quality in the upper catchment of the <scp>M</scp>ara <scp>R</scp>iver <scp>B</scp>asin, <scp>K</scp>enya. <i>Lakes and Reservoirs: Research and Management</i> , 2015, 20, 128-137.	0.6	19
950	Landscape level estimate of lands and waters impacted by road runoff in the Adirondack Park of New York State. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 510.	1.3	8
951	Ecological Thresholds and Resilience in Streams. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2015, , 461-478.	0.2	8
952	Long-term impacts of land cover changes on stream channel loss. <i>Science of the Total Environment</i> , 2015, 537, 399-410.	3.9	33
953	On the apparent failure of silt fences to protect freshwater ecosystems from sedimentation: A call for improvements in science, technology, training and compliance monitoring. <i>Journal of Environmental Management</i> , 2015, 164, 67-73.	3.8	10
954	Disentangling environmental drivers of benthic invertebrate assemblages: The role of spatial scale and riverscape heterogeneity in a multiple stressor environment. <i>Science of the Total Environment</i> , 2015, 536, 546-556.	3.9	88
955	Chemical tracking of northern pike migrations: If we restore access to breeding habitat, will they come?. <i>Journal of Great Lakes Research</i> , 2015, 41, 853-861.	0.8	11
956	Stream macroinvertebrate communities across a gradient of natural gas development in the Fayetteville Shale. <i>Science of the Total Environment</i> , 2015, 530-531, 323-332.	3.9	26
957	Overview of Inland Water Habitats. , 2015, , 23-56.		3
958	Development and evaluation of species distribution models for fourteen native central U.S. fish species. <i>Hydrobiologia</i> , 2015, 747, 159-176.	1.0	27
959	Land–use effects on terrestrial consumers through changed size structure of aquatic insects. <i>Freshwater Biology</i> , 2015, 60, 136-149.	1.2	69

#	ARTICLE	IF	CITATIONS
960	Linking Stream Sediment Deposition and Aquatic Habitat Quality in Pearl Mussel Streams: Implications for Conservation. <i>River Research and Applications</i> , 2015, 31, 943-952.	0.7	71
961	Factors affecting spatiotemporal benthic macroinvertebrate diversity and secondary production in a semi-arid watershed. <i>Journal of Freshwater Ecology</i> , 2015, 30, 197-214.	0.5	7
962	Soil changes under different land-uses in the Cerrado of Mato Grosso, Brazil. <i>Geoderma Regional</i> , 2015, 4, 31-43.	0.9	46
963	The Brazilian Cerrado: assessment of water and soil degradation in catchments under intensive agricultural use. <i>Ecohydrology</i> , 2015, 8, 1154-1180.	1.1	137
964	Land use at the reach scale as a major determinant for benthic invertebrate community in Mediterranean rivers of Cyprus. <i>Ecological Indicators</i> , 2015, 48, 477-491.	2.6	25
965	Geomorphological factors predict water quality in boreal rivers. <i>Earth Surface Processes and Landforms</i> , 2015, 40, 1989-1999.	1.2	39
966	Importance of Reservoir Tributaries to Spawning of Migratory Fish in the Upper Paraná River. <i>River Research and Applications</i> , 2015, 31, 313-322.	0.7	51
967	Forecasting changes in water quality in rivers associated with growing biofuels in the Arkansasâ€Whiteâ€Red river drainage, <sc>USA</sc>. <i>GCB Bioenergy</i> , 2015, 7, 774-784.	2.5	24
968	The links between morphological parameters and benthic invertebrate assemblages, and general implications for hydromorphological river management. <i>Ecohydrology</i> , 2015, 8, 67-82.	1.1	12
969	Ainâ€™t no mountain high enough: the impact of severe typhoon on montane stream fishes. <i>Environmental Biology of Fishes</i> , 2015, 98, 35-44.	0.4	5
970	Variation in fish assemblages across impoundments of low-head dams in headwater streams of the Qingyi River, China: effects of abiotic factors and native invaders. <i>Environmental Biology of Fishes</i> , 2015, 98, 101-112.	0.4	24
971	Modelling the risk of invasion by the red-swamp crayfish (<i>Procambarus clarkii</i>): incorporating local variables to better inform management decisions. <i>Biological Invasions</i> , 2015, 17, 273-285.	1.2	12
972	Response of fish communities to environmental changes in an agriculturally dominated watershed (Liao River Basin) in northeastern China. <i>Ecological Engineering</i> , 2015, 76, 130-141.	1.6	22
973	The influence of land use on forest structure, species composition, and soil conditions in headwater-slope wetlands of coastal Alabama, USA. <i>International Journal of Biodiversity Science, Ecosystem Services & Management</i> , 2015, 11, 61-70.	2.9	8
974	Human disturbance affects the long-term spatial synchrony of freshwater invertebrate communities. <i>Environmental Pollution</i> , 2015, 196, 300-308.	3.7	30
975	Characterizing coal and mineral mines as a regional source of stress to stream fish assemblages. <i>Ecological Indicators</i> , 2015, 50, 50-61.	2.6	58
976	Empirical evaluation of the conceptual model underpinning a regional aquatic long-term monitoring program using causal modelling. <i>Ecological Indicators</i> , 2015, 50, 8-23.	2.6	26
977	Water displacement by sewer infrastructure and its effect on the water quality in rivers. <i>Ecological Indicators</i> , 2015, 48, 22-30.	2.6	3

#	ARTICLE	IF	CITATIONS
978	Assessing the quality of riparian areas: the case of River Ecosystem Quality Index applied to the Marecchia river (Italy). <i>International Journal of River Basin Management</i> , 2015, 13, 1-16.	1.5	7
979	Spatial and temporal variation of algal assemblages in six Midwest agricultural streams having varying levels of atrazine and other physicochemical attributes. <i>Science of the Total Environment</i> , 2015, 505, 65-89.	3.9	22
980	Influences of sudden changes in discharge and physical stream characteristics on transient storage and nitrate uptake in an urban stream. <i>Hydrological Processes</i> , 2015, 29, 1466-1479.	1.1	13
981	Muddy waters: the influence of high suspended-sediment concentration on the diving behaviour of a bimodally respiring freshwater turtle from north-eastern Australia. <i>Marine and Freshwater Research</i> , 2016, 67, 505.	0.7	5
982	Influence of environmental variables on stream fish fauna at multiple spatial scales. <i>Neotropical Ichthyology</i> , 2016, 14, .	0.5	18
983	Hydrological recovery in two large forested watersheds of southeastern China: the importance of watershed properties in determining hydrological responses to reforestation. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 4747-4756.	1.9	24
984	Assessment of disturbance at three spatial scales in two large tropical reservoirs. <i>Journal of Limnology</i> , 2016, 76, 240-252.	0.3	9
985	Environmental heterogeneity at different scales: key factors affecting caddisfly larvae assemblages in standing waters within a lowland river catchment. <i>Journal of Limnology</i> , 0, , .	0.3	3
986	Influence of the land use on the water quality in the So Joo and Iguau Rivers, state of Paran, Brazil: assessment of the importance of the riparian zone. <i>African Journal of Agricultural Research Vol Pp</i> , 2016, 11, 48-56.	0.2	1
987	Potential for Hybrid Poplar Riparian Buffers to Provide Ecosystem Services in Three Watersheds with Contrasting Agricultural Land Use. <i>Forests</i> , 2016, 7, 37.	0.9	24
988	Development of Ecogeomorphological (EGM) Stream Design and Assessment Tools for the Piedmont of Alabama, USA. <i>Water (Switzerland)</i> , 2016, 8, 161.	1.2	2
989	A Long-Term Study of Ecological Impacts of River Channelization on the Population of an Endangered Fish: Lessons Learned for Assessment and Restoration. <i>Water (Switzerland)</i> , 2016, 8, 240.	1.2	10
990	Landscape and Regional Stream Ecology. , 2016, , 389-415.		1
991	Human-Dominated Rivers and River Management in the Anthropocene. , 2016, , 491-524.		2
992	Exploring the Non-Stationary Effects of Forests and Developed Land within Watersheds on Biological Indicators of Streams Using Geographically-Weighted Regression. <i>Water (Switzerland)</i> , 2016, 8, 120.	1.2	13
993	Integrating local pastoral knowledge, participatory mapping, and species distribution modeling for risk assessment of invasive rubber vine (<i>Cryptostegia grandiflora</i>) in Ethiopia’s Afar region. <i>Ecology and Society</i> , 2016, 21, .	1.0	27
994	RelaÃ§Ã£o entre padrÃµes de uso e ocupaÃ§Ã£o do solo e qualidade da Ãgua em uma bacia hidrogrÃfica urbana. <i>Engenharia Sanitaria E Ambiental</i> , 2016, 21, 519-534.	0.1	26
995	Fluctuating Asymmetry in Two Common Freshwater Fishes as a Biological Indicator of Urbanization and Environmental Stress within the Middle Chattahoochee Watershed. <i>Symmetry</i> , 2016, 8, 124.	1.1	8

#	ARTICLE	IF	CITATIONS
996	Nutrient Retention in Restored Streams and Rivers: A Global Review and Synthesis. <i>Water</i> (Switzerland), 2016, 8, 116.	1.2	118
997	Effects of Land Use Types on Community Structure Patterns of Benthic Macroinvertebrates in Streams of Urban Areas in the South of the Korea Peninsula. <i>Water</i> (Switzerland), 2016, 8, 187.	1.2	16
998	Identification of Outlier Loci Responding to Anthropogenic and Natural Selection Pressure in Stream Insects Based on a Self-Organizing Map. <i>Water</i> (Switzerland), 2016, 8, 188.	1.2	5
999	The Usefulness of the Lombard Method for Analyzing the Hydrological Impacts of Dams: The Case of the Manouane River Diversion Dam, Quebec, Canada. <i>Water</i> (Switzerland), 2016, 8, 410.	1.2	5
1000	Nonlinear Changes in Land Cover and Sediment Runoff in a New Zealand Catchment Dominated by Plantation Forestry and Livestock Grazing. <i>Water</i> (Switzerland), 2016, 8, 436.	1.2	12
1001	Extent of Stream Burial and Relationships to Watershed Area, Topography, and Impervious Surface Area. <i>Water</i> (Switzerland), 2016, 8, 538.	1.2	20
1002	Grand Challenge for the Future of Freshwater Ecosystems. <i>Frontiers in Environmental Science</i> , 2016, 4, .	1.5	56
1003	A Rapid Physical Habitat Assessment of Wadeable Streams for Mixed-Land-Use Watersheds. <i>Hydrology</i> , 2016, 3, 37.	1.3	9
1004	Land Use Influences Niche Size and the Assimilation of Resources by Benthic Macroinvertebrates in Tropical Headwater Streams. <i>PLoS ONE</i> , 2016, 11, e0150527.	1.1	45
1005	Can Recent Global Changes Explain the Dramatic Range Contraction of an Endangered Semi-Aquatic Mammal Species in the French Pyrenees?. <i>PLoS ONE</i> , 2016, 11, e0159941.	1.1	20
1006	Micro and Macroscale Drivers of Nutrient Concentrations in Urban Streams in South, Central and North America. <i>PLoS ONE</i> , 2016, 11, e0162684.	1.1	35
1007	Influence of land-use on structural and functional macroinvertebrate composition communities associated on detritus in Subtropical Atlantic Forest streams. <i>Acta Limnologica Brasiliensia</i> , 2016, 28, .	0.4	7
1008	Invertebrados bentônicos: relação entre estrutura da fauna e características do mesohabitat. <i>Revista Ambiente & Água</i> , 2016, 11, 676.	0.1	1
1009	Exploring water cycle dynamics by sampling multiple stable water isotope pools in a developed landscape in Germany. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 3873-3894.	1.9	33
1010	Land use change and soil loss risk assessment by using geographical information system (GIS): A case study of lower part of Perak River. <i>IOP Conference Series: Earth and Environmental Science</i> , 2016, 37, 012065.	0.2	6
1011	Shifts in leaf litter breakdown along a forest–pasture–urban gradient in Andean streams. <i>Ecology and Evolution</i> , 2016, 6, 4849-4865.	0.8	32
1012	Non-native Chinese mystery snail (<i>Bellamya chinensis</i>) supports consumers in urban lake food webs. <i>Ecosphere</i> , 2016, 7, e01293.	1.0	19
1013	Impacts of environmental filters on functional redundancy in riparian vegetation. <i>Journal of Applied Ecology</i> , 2016, 53, 846-855.	1.9	64

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1014	Multiple stressor effects on stream invertebrates: a mesocosm experiment manipulating nutrients, fine sediment and flow velocity. <i>Freshwater Biology</i> , 2016, 61, 362-375.	1.2	90
1015	Evidence-based evaluation of the cumulative effects of ecosystem restoration. <i>Ecosphere</i> , 2016, 7, e01242.	1.0	39
1016	Linkages between unpaved forest roads and streambed sediment: why context matters in directing road restoration. <i>Restoration Ecology</i> , 2016, 24, 589-598.	1.4	23
1017	Context dependency in biodiversity patterns of central German stream metacommunities. <i>Freshwater Biology</i> , 2016, 61, 607-620.	1.2	92
1018	1/f/i>noise analyses of urbanization effects on streamflow characteristics. <i>Hydrological Processes</i> , 2016, 30, 1651-1664.	1.1	7
1019	Longitudinal macroinvertebrate assemblages in contrasting discontinuities: the effects of damming in tropical streams. <i>African Journal of Ecology</i> , 2016, 54, 183-194.	0.4	9
1020	Effects of Oil Palm Plantations on the Habitat Structure and Biota of Streams in Eastern Amazon. <i>River Research and Applications</i> , 2016, 32, 2081-2094.	0.7	78
1021	Effects of mountaintop removal mining and valley filling on the occupancy and abundance of stream salamanders. <i>Journal of Applied Ecology</i> , 2016, 53, 459-468.	1.9	26
1022	Green and Sustainable Natural Wastewater Treatment/Disposal Technologies. , 2016, , 187-230.		0
1023	The importance of high-quality algal food sources in stream food webs – current status and future perspectives. <i>Freshwater Biology</i> , 2016, 61, 815-831.	1.2	163
1024	Synergistic and antagonistic interactions of future land use and climate change on river fish assemblages. <i>Global Change Biology</i> , 2016, 22, 1505-1522.	4.2	66
1025	Riparian management and the conservation of stream ecosystems and fishes. , 2015, , 270-291.		2
1026	Nitrogen, phosphorus, and eutrophication in streams. <i>Inland Waters</i> , 2016, 6, 155-164.	1.1	404
1027	Why are freshwater fish so threatened?. , 2015, , 37-75.		14
1028	Climate change effects on freshwater fishes, conservation and management. , 2015, , 76-106.		10
1029	Chemical pollution. , 0, , 149-177.		3
1030	Multiple stressor effects on freshwater fish: a review and meta-analysis. , 2015, , 178-214.		14
1031	Freshwater conservation planning. , 2015, , 437-466.		4

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1033	How much conservation is enough? Defining implementation goals for healthy fish communities in agricultural rivers. <i>Journal of Great Lakes Research</i> , 2016, 42, 1302-1321.	0.8	28
1034	Using spatially explicit indicators to investigate watershed characteristics and stream temperature relationships. <i>Science of the Total Environment</i> , 2016, 551-552, 376-386.	3.9	19
1035	A trait-based framework for stream algal communities. <i>Ecology and Evolution</i> , 2016, 6, 23-36.	0.8	101
1036	Riverscapes downstream of hydropower dams: Effects of altered flows and historical land-use change. <i>Landscape and Urban Planning</i> , 2016, 153, 83-98.	3.4	69
1037	The role of physical habitat and sampling effort on estimates of benthic macroinvertebrate taxonomic richness at basin and site scales. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 340.	1.3	24
1038	Benthic algal community composition across a watershed: coupling processes between land and water. <i>Aquatic Ecology</i> , 2016, 50, 315-326.	0.7	11
1039	A stochastic dynamic model to assess land use change scenarios on the ecological status of fluvial water bodies under the Water Framework Directive. <i>Science of the Total Environment</i> , 2016, 565, 427-439.	3.9	14
1040	Time is no healer: increasing restoration age does not lead to improved benthic invertebrate communities in restored river reaches. <i>Science of the Total Environment</i> , 2016, 557-558, 722-732.	3.9	52
1041	Unravel biophysical factors on river water quality response in Chilean Central-Southern watersheds. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 264.	1.3	9
1042	Watershed Land Use and Local Habitat: Implications for Habitat Assessment. <i>Wetlands</i> , 2016, 36, 311-321.	0.7	2
1043	Applications of Genetic Data to Improve Management and Conservation of River Fishes and Their Habitats. <i>Fisheries</i> , 2016, 41, 174-188.	0.6	21
1044	Vegetation recruitment in an enhanced floodplain: Ancillary benefits of salmonid habitat enhancement. <i>Limnologica</i> , 2016, 58, 94-102.	0.7	4
1045	Effects of streamline complexity on the relationships between urban land use and ecological communities in streams. <i>Paddy and Water Environment</i> , 2016, 14, 299-312.	1.0	4
1046	Influences of hydrogeomorphology and chemical water quality on fish assemblages in the Nevėžis River, Lithuania: implications for river basin management plans in the Baltics. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 109.	1.3	2
1047	Development and assessment of indices to determine stream fish vulnerability to climate change and habitat alteration. <i>Ecological Indicators</i> , 2016, 67, 403-416.	2.6	34
1048	Evaluating stream health based environmental justice model performance at different spatial scales. <i>Journal of Hydrology</i> , 2016, 538, 500-514.	2.3	10
1049	Water Resources in the Rupestrian Grasslands of the Espinhaço Mountains. , 2016, , 87-102.		10
1050	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
1051	Revealing the pathways by which agricultural land use affects stream fish communities in South Brazilian grasslands. <i>Freshwater Biology</i> , 2016, 61, 1921-1934.	1.2	81
1052	Land use effect on invertebrate assemblages in Pampasic streams (Buenos Aires, Argentina). <i>Environmental Monitoring and Assessment</i> , 2016, 188, 539.	1.3	20
1053	Different seasonality of nitrate export from an agricultural watershed and an urbanized watershed in Midwestern USA. <i>Journal of Hydrology</i> , 2016, 541, 1375-1384.	2.3	12
1054	Climate Change Effects on North American Inland Fish Populations and Assemblages. <i>Fisheries</i> , 2016, 41, 346-361.	0.6	205
1055	Small reservoir effects on headwater water quality in the rural-urban fringe, Georgia Piedmont, USA. <i>Journal of Hydrology: Regional Studies</i> , 2016, 8, 145-161.	1.0	30
1056	In-stream water quality, invertebrate and fish community health across a gradient of dairy farming prevalence in a New Zealand river catchment. <i>Limnologica</i> , 2016, 61, 14-28.	0.7	7
1057	Addressing the local aspects of global change impacts on stream metabolism using frequency analysis tools. <i>Science of the Total Environment</i> , 2016, 569-570, 798-814.	3.9	8
1058	Eco-epidemiology of aquatic ecosystems: Separating chemicals from multiple stressors. <i>Science of the Total Environment</i> , 2016, 573, 1303-1319.	3.9	39
1059	Low-Tech Alternatives for the Rehabilitation of Aquatic and Riparian Environments. , 2016, , 349-364.		1
1060	Nutrient flows following changes in source strengths, land use and climate in an urban catchment, RÅcksta TrÅsk in Stockholm, Sweden. <i>Ecological Modelling</i> , 2016, 338, 69-77.	1.2	10
1061	Causes and consequences of biotic homogenization in freshwater ecosystems. <i>International Review of Hydrobiology</i> , 2016, 101, 113-122.	0.5	140
1062	Spatial patterns of native freshwater mussels in the Upper Mississippi River. <i>Freshwater Science</i> , 2016, 35, 934-947.	0.9	10
1063	A disconnectivity index for improving choices in managing protected areas for rivers. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2016, 26, 29-38.	0.9	15
1064	Travelling Through the Densu Delta: Location, Place and Space in the Waterscape. , 2016, , 333-346.		0
1065	Relation between species richness and stream slope in riffle fish assemblages is dependent on spatial scale. <i>Environmental Biology of Fishes</i> , 2016, 99, 603-612.	0.4	20
1066	An index to evaluate the fluvial habitat degradation in lowland urban streams. <i>Ecological Indicators</i> , 2016, 71, 134-144.	2.6	18
1067	A Watershed Integrity Definition and Assessment Approach to Support Strategic Management of Watersheds. <i>River Research and Applications</i> , 2016, 32, 1654-1671.	0.7	68
1068	Multiple stressor effects on stream health in the Lake Simcoe Watershed. <i>Journal of Great Lakes Research</i> , 2016, 42, 953-964.	0.8	2

#	ARTICLE	IF	CITATIONS
1069	Mid- and long-term effects of wildfire and debris flows on stream ecosystem metabolism. <i>Freshwater Science</i> , 2016, 35, 445-456.	0.9	6
1070	Diagnosing stream ecosystem integrity in the Ordesa-Viñamala Biosphere Reserve, central Spanish Pyrenees. <i>Journal of Applied Ichthyology</i> , 2016, 32, 229-239.	0.3	3
1071	Evaluating habitat associations of a fish assemblage at multiple spatial scales in a minimally disturbed stream using low-cost remote sensing. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2016, 26, 20-34.	0.9	21
1072	The Stream-Catchment (StreamCat) Dataset: A Database of Watershed Metrics for the Conterminous United States. <i>Journal of the American Water Resources Association</i> , 2016, 52, 120-128.	1.0	189
1073	Multiple watershed alterations influence fish community structure in Great Plains prairie streams. <i>Ecology of Freshwater Fish</i> , 2016, 25, 141-155.	0.7	20
1074	Land use changes in an afro-tropical biodiversity hotspot affect stream alpha and beta diversity. <i>Ecosphere</i> , 2016, 7, e01355.	1.0	42
1075	Optimizing land use for the delivery of catchment ecosystem services. <i>Frontiers in Ecology and the Environment</i> , 2016, 14, 325-332.	1.9	57
1076	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
1077	Prediction of taxon occurrence: a test on taxon-specific change point values of stream benthic invertebrates. <i>Freshwater Biology</i> , 2016, 61, 1773-1786.	1.2	7
1078	Riparian Buffer Zone and Whole Watershed Influences on River Water Quality: Implications for Ecosystem Services near Megacities. <i>Environmental Processes</i> , 2016, 3, 277-305.	1.7	19
1079	A local-scale spatial analysis of ecosystem services and ecosystem service bundles in the upper Hun River catchment, China. <i>Ecosystem Services</i> , 2016, 22, 104-110.	2.3	29
1080	Recent Land Use Changes on an Urban Watershed in Moncton, New Brunswick, Canada. <i>Urban Environment</i> , 2016, 9, .	0.3	0
1081	Evaluating potential water quality drivers of a fish regime shift in the Wabash River using the SWAT model. <i>Ecological Modelling</i> , 2016, 340, 116-125.	1.2	13
1082	Catchment land use as a predictor of the macroinvertebrate community changes between inlet and outlet of small water dams. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 550.	1.3	3
1083	Pore water physicochemical constraints on the endangered clubshell mussel (<i>Pleurobema clava</i>). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2016, 73, 1712-1722.	0.7	6
1084	Land use affects temporal variation in stream metabolism. <i>Freshwater Science</i> , 2016, 35, 1164-1175.	0.9	20
1085	Distribution of aquatic macroinvertebrate assemblages in a subtropical coastal lake: Response to environmental parameters. <i>Fundamental and Applied Limnology</i> , 2016, 188, 113-127.	0.4	9
1086	Watershed-Scale Land Use Activities Influence the Physiological Condition of Stream Fish. <i>Physiological and Biochemical Zoology</i> , 2016, 89, 10-25.	0.6	9

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1087	Effects of experimental nutrient loading on phosphorus uptake by biofilms: evidence for nutrient saturation in mid-Atlantic streams. <i>Freshwater Science</i> , 2016, 35, 503-517.	0.9	8
1088	Abundance Inequality in Freshwater Communities Has an Ecological Origin. <i>American Naturalist</i> , 2016, 187, 502-516.	1.0	19
1089	Anthropogenic and natural determinants of fish food-chain length in a midsize river system. <i>Freshwater Science</i> , 2016, 35, 895-908.	0.9	18
1090	Changes in morphometric meander parameters identified on the Karoon River, Iran, using remote sensing data. <i>Geomorphology</i> , 2016, 271, 55-64.	1.1	51
1091	Anthropogenic disturbances influencing ciliate functional feeding groups in impacted tropical streams. <i>Environmental Science and Pollution Research</i> , 2016, 23, 20003-20016.	2.7	19
1092	Riparian management affects instream habitat condition in a dairy stream catchment. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2016, 50, 581-599.	0.8	5
1093	Nutrient–insecticide interactions decouple density-dependent predation pressure in aquatic insects. <i>Freshwater Biology</i> , 2016, 61, 2090-2101.	1.2	33
1094	Comparative use of side and main channels by small-bodied fish in a large, unimpounded river. <i>Freshwater Biology</i> , 2016, 61, 1611-1626.	1.2	9
1095	Does environmental disturbance also influence within-stream beta diversity of macroinvertebrate assemblages in tropical streams?. <i>Studies on Neotropical Fauna and Environment</i> , 2016, 51, 206-214.	0.5	8
1096	Bigger is better: Improved nature conservation and economic returns from landscape-level mitigation. <i>Science Advances</i> , 2016, 2, e1501021.	4.7	49
1097	Deforestation facilitates widespread stream habitat and flow alteration in the Brazilian Amazon. <i>Biological Conservation</i> , 2016, 203, 252-259.	1.9	9
1098	Riparian subsidies and hierarchical effects of ecosystem structure on leaf breakdown in Appalachian coalfield constructed streams. <i>Ecological Engineering</i> , 2016, 97, 389-399.	1.6	10
1099	Assessing the service of water quality regulation by quantifying the effects of land use on water quality and public health in central Veracruz, Mexico. <i>Ecosystem Services</i> , 2016, 22, 161-173.	2.3	28
1100	Watershed Planning within a Quantitative Scenario Analysis Framework. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	0
1101	Freshwater conservation potential of protected areas in the Tennessee and Cumberland River Basins, USA. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2016, 26, 60-77.	0.9	32
1102	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
1103	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
1104	Spatial processes structuring riparian plant communities in agroecosystems: implications for restoration. <i>Ecological Applications</i> , 2016, 26, 2103-2115.	1.8	21

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1105	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
1106	Threshold dynamics in plant succession after tree planting in agricultural riparian zones. <i>Journal of Applied Ecology</i> , 2016, 53, 1704-1713.	1.9	16
1107	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
1108	Controlling for hydrologic connectivity to assess the importance of catchment- and reach-scale factors on macroinvertebrate community structure. <i>Hydrobiologia</i> , 2016, 763, 285-299.	1.0	6
1109	Patch occupancy of stream fauna across a land cover gradient in the southern Appalachians, USA. <i>Hydrobiologia</i> , 2016, 773, 163-175.	1.0	10
1110	Predicting the export and concentrations of organic carbon, nitrogen and phosphorus in boreal lakes by catchment characteristics and land use: A practical approach. <i>Ambio</i> , 2016, 45, 933-945.	2.8	29
1111	Functional redundancy as a tool for bioassessment: A test using riparian vegetation. <i>Science of the Total Environment</i> , 2016, 566-567, 1268-1276.	3.9	29
1112	Community concordance between fishes and benthic macroinvertebrates among adventitious and ordinate tributaries of a major river system. <i>Ecological Indicators</i> , 2016, 70, 15-22.	2.6	11
1113	Multi-scale assessment of human-induced changes to Amazonian instream habitats. <i>Landscape Ecology</i> , 2016, 31, 1725-1745.	1.9	108
1114	Riparian responses to extreme climate and land-use change scenarios. <i>Science of the Total Environment</i> , 2016, 569-570, 145-158.	3.9	34
1115	A sediment-specific family-level biomonitoring tool to identify the impacts of fine sediment in temperate rivers and streams. <i>Ecological Indicators</i> , 2016, 70, 151-165.	2.6	62
1116	Experimental displacement of longnose dace, <i>Rhinichthys cataractae</i> (Actinopterygii, Cyprinidae), reveals rapid fish avoidance of a stormwater drain in an urban watershed. <i>Hydrobiologia</i> , 2016, 767, 197-206.	1.0	2
1117	Using macroinvertebrate assemblages and multiple stressors to infer urban stream system condition: a case study in the central US. <i>Urban Ecosystems</i> , 2016, 19, 679-704.	1.1	25
1118	Shared effects of organic microcontaminants and environmental stressors on biofilms and invertebrates in impaired rivers. <i>Environmental Pollution</i> , 2016, 210, 303-314.	3.7	63
1119	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
1120	Relating stream function and land cover in the Middle Pee Dee River Basin, SC. <i>Journal of Hydrology: Regional Studies</i> , 2016, 5, 261-275.	1.0	2
1121	Ecology of water mite assemblages in Panama – First data on water mites (Acari, Hydrachnidia) as bioindicators in the assessment of biological integrity of neotropical streams. <i>Limnologia</i> , 2016, 59, 63-77.	0.7	16
1122	Estimating the effects of land use at different scales on high ecological status in Irish rivers. <i>Science of the Total Environment</i> , 2016, 572, 618-625.	3.9	18

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1123	Importance of Natural and Anthropogenic Environmental Factors to Fish Communities of the Fox River in Illinois. <i>Environmental Management</i> , 2016, 57, 389-411.	1.2	8
1124	Applying landscape genetics to evaluate threats affecting endangered Atlantic salmon populations. <i>Conservation Genetics</i> , 2016, 17, 823-838.	0.8	6
1125	Contrasting metacommunity structure and beta diversity in an aquatic floodplain system. <i>Oikos</i> , 2016, 125, 686-697.	1.2	88
1126	Environmental factors affecting micro-distribution of larval caddisflies (Trichoptera) in a small lowland reservoir under different types of watershed usage. <i>Fundamental and Applied Limnology</i> , 2016, 188, 157-170.	0.4	6
1127	Current land use is a poor predictor of hellbender occurrence: why assumptions matter when predicting distributions of data-deficient species. <i>Diversity and Distributions</i> , 2016, 22, 865-880.	1.9	17
1128	Model-based integration of observed and expert-based information for assessing the geographic and environmental distribution of freshwater species. <i>Ecography</i> , 2016, 39, 1078-1088.	2.1	34
1129	Using a Bayesian network model to assess ecological responses to hydrological factor interactions. <i>Ecohydrology</i> , 2016, 9, 11-20.	1.1	4
1130	Stress in the neighborhood: Tissue glucocorticoids relative to stream quality for five species of fish. <i>Science of the Total Environment</i> , 2016, 547, 87-94.	3.9	21
1131	Effects of Best Management Practice on Ecological Condition: Does Location Matter?. <i>Environmental Management</i> , 2016, 57, 1062-1076.	1.2	21
1132	Developing a systematic simulation-based approach for selecting indicators in strategic cumulative effects assessments with multiple environmental valued components. <i>Ecological Indicators</i> , 2016, 61, 512-525.	2.6	26
1133	Identifying indicators and quantifying large-scale effects of dams on fishes. <i>Ecological Indicators</i> , 2016, 61, 646-657.	2.6	45
1134	Modeling and mapping fish abundance across Wadeable streams of Illinois, USA, based on landscape-level environmental variables. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2016, 73, 1031-1046.	0.7	19
1135	Landscape influences on water quality in riparian buffer zone of drinking water source area, Northern China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	44
1136	Establishment success of trees planted in riparian buffer zones along an agricultural intensification gradient. <i>Agriculture, Ecosystems and Environment</i> , 2016, 222, 60-66.	2.5	12
1137	Water mites (Acari, Hydrachnidia): powerful but widely neglected bioindicators – a review. <i>Neotropical Biodiversity</i> , 2016, 2, 12-25.	0.2	43
1138	Land-use and local physical and chemical habitat parameters predict site occupancy by hellbender salamanders. <i>Hydrobiologia</i> , 2016, 770, 105-116.	1.0	22
1139	Land use and topography as predictors of nitrogen levels in tropical catchments in Xishuangbanna, SW China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	9
1140	Anthropogenic Disturbance and Environmental Associations with Fish Assemblage Structure in Two Nonwadeable Rivers. <i>River Research and Applications</i> , 2016, 32, 66-84.	0.7	4

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1141	Invertebrates in Beaver-Created Wetlands and Ponds. , 2016, , 411-449.		14
1142	Do warming and humic river runoff alter the metabolic balance of lake ecosystems?. Aquatic Sciences, 2016, 78, 717-725.	0.6	13
1143	Invasive predator influences habitat preferences in a freshwater fish. Environmental Biology of Fishes, 2016, 99, 187-193.	0.4	9
1144	The social, economic, and environmental importance of inland fish and fisheries. Environmental Reviews, 2016, 24, 115-121.	2.1	275
1145	Influences of the land use pattern on water quality in low-order streams of the Dongjiang River basin, China: A multi-scale analysis. Science of the Total Environment, 2016, 551-552, 205-216.	3.9	266
1146	Macrophytes in boreal streams: Characterizing and predicting native occurrence and abundance to assess human impact. Ecological Indicators, 2016, 64, 309-318.	2.6	15
1147	“Odonata Community Index” Corsica (OCIC): A new biological index based on adult odonate populations for assessment of the ecological status of watercourses in Corsica. Ecological Indicators, 2016, 66, 163-172.	2.6	13
1148	Increased Light Availability Reduces the Importance of Bacterial Carbon in Headwater Stream Food Webs. Ecosystems, 2016, 19, 396-410.	1.6	25
1149	A landscape-based predictive approach for running water quality assessment: A Mediterranean case study. Journal for Nature Conservation, 2016, 30, 27-31.	0.8	12
1150	Species distribution models grounded in ecological theory for decision support in river management. Ecological Modelling, 2016, 325, 1-12.	1.2	26
1151	Ecological Status of a Patagonian Mountain River: Usefulness of Environmental and Biotic Metrics for Rehabilitation Assessment. Environmental Management, 2016, 57, 1166-1187.	1.2	21
1152	β -diversity decline of aquatic insects at the microhabitat scale associated with agricultural land use. Landscape and Ecological Engineering, 2016, 12, 187-196.	0.7	15
1153	Riparian vegetation and sediment gradients determine invertebrate diversity in streams draining an agricultural landscape. Agriculture, Ecosystems and Environment, 2016, 221, 163-173.	2.5	19
1154	A Comparative Analysis of Water Governance, Water Management, and Environmental Performance in River Basins. Water Resources Management, 2016, 30, 2161-2177.	1.9	65
1155	Effects of forest management on physical habitats and fish assemblages in Iberian eucalypt streams. Forest Ecology and Management, 2016, 363, 1-10.	1.4	7
1156	Relating upstream forest management to stream ecosystem condition in middle catchment reaches in Tasmania. Forest Ecology and Management, 2016, 362, 142-155.	1.4	10
1157	Disentangling the responses of boreal stream assemblages to low stressor levels of diffuse pollution and altered channel morphology. Science of the Total Environment, 2016, 544, 954-962.	3.9	27
1158	Effects of heterogeneous land use/cover types on river channel morphology in the Solo River catchment, Eastern Uganda. Geocarto International, 2016, , 1-12.	1.7	3

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1159	Development of a benthic macroinvertebrate multimetric index (MMI) for Neotropical Savanna headwater streams. <i>Ecological Indicators</i> , 2016, 64, 132-141.	2.6	68
1160	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
1161	Choice of biota in stream assessment and monitoring programs in tropical streams: A comparison of diatoms, macroinvertebrates and fish. <i>Ecological Indicators</i> , 2016, 63, 128-143.	2.6	32
1162	A hydrologically sensitive invertebrate community index for New Zealand rivers. <i>Ecological Indicators</i> , 2016, 61, 1000-1010.	2.6	11
1163	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
1164	Different roles of environmental variables and spatial factors in structuring stream benthic diatom and macroinvertebrate in Yangtze River Delta, China. <i>Ecological Indicators</i> , 2016, 61, 602-611.	2.6	50
1165	Relationships between land cover, riparian vegetation, stream characteristics, and aquatic insects in cloud forest streams, Mexico. <i>Hydrobiologia</i> , 2016, 768, 167-181.	1.0	20
1166	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
1167	Toward a practical use of Neotropical odonates as bioindicators: Testing congruence across taxonomic resolution and life stages. <i>Ecological Indicators</i> , 2016, 61, 952-959.	2.6	70
1168	Ecohydrological modeling for large-scale environmental impact assessment. <i>Science of the Total Environment</i> , 2016, 543, 274-286.	3.9	26
1169	Influence of watershed land use and riparian characteristics on biological indicators of stream water quality in southeastern Brazil. <i>Agriculture, Ecosystems and Environment</i> , 2016, 216, 333-339.	2.5	103
1170	Thinking outside the channel: Challenges and opportunities for protection and restoration of stream morphology in urbanizing catchments. <i>Landscape and Urban Planning</i> , 2016, 145, 34-44.	3.4	53
1171	Using macroinvertebrates for ecosystem health assessment in semi-arid streams of Burkina Faso. <i>Hydrobiologia</i> , 2016, 766, 57-74.	1.0	39
1172	Assessing effects of change in land use on size-related variables of fish in subtropical streams. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2016, 73, 547-556.	0.7	27
1173	Parasite prevalence in an intermediate snail host is subject to multiple anthropogenic stressors in a New Zealand river system. <i>Ecological Indicators</i> , 2016, 60, 845-852.	2.6	10
1174	Anthropogenic land-use stress alters community concordance at the river-riparian interface. <i>Ecological Indicators</i> , 2016, 65, 133-141.	2.6	16
1175	Direct and indirect effects of human population density and land use on physical features and invertebrates of Iowa (U.S.A.) streams. <i>Urban Ecosystems</i> , 2016, 19, 159-180.	1.1	10
1176	Influence of hydrological regime and land cover on traits and potential export capacity of adult aquatic insects from river channels. <i>Oecologia</i> , 2016, 180, 551-566.	0.9	18

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1177	Effect of spatial scale on macroinvertebrate assemblages along a Mediterranean river. <i>Hydrobiologia</i> , 2016, 765, 185-196.	1.0	11
1178	The influence of watershed land use cover on stream fish diversity and size-at-age of a generalist fish. <i>Ecological Indicators</i> , 2016, 60, 248-257.	2.6	14
1179	Effect of land use types on stream water quality under seasonal variation and topographic characteristics in the Wei River basin, China. <i>Ecological Indicators</i> , 2016, 60, 202-212.	2.6	162
1180	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
1181	Environmental stressor gradients hierarchically regulate macrozoobenthic community turnover in lotic systems of Northern Italy. <i>Hydrobiologia</i> , 2016, 765, 131-147.	1.0	18
1182	Impacts of land use and environmental factors on macroinvertebrate functional feeding groups in the Dongjiang River basin, southeast China. <i>Journal of Freshwater Ecology</i> , 2016, 31, 21-35.	0.5	57
1183	In-stream structure alters density-dependent fish effects in stream ecosystems. <i>Ecology of Freshwater Fish</i> , 2017, 26, 403-414.	0.7	1
1184	Short-term colonization dynamics of macroinvertebrates in restored channelized streams. <i>Hydrobiologia</i> , 2017, 784, 321-335.	1.0	8
1185	Multiscale heterogeneity within and beyond Taipei city greenspaces and their relationship with avian biodiversity. <i>Landscape and Urban Planning</i> , 2017, 157, 138-150.	3.4	10
1186	Temporal water quality response in an urban river: a case study in peninsular Malaysia. <i>Applied Water Science</i> , 2017, 7, 923-933.	2.8	18
1187	Effects of small changes in riparian forest complexity on aquatic insect bioindicators in Brazilian subtropical streams. <i>Marine and Freshwater Research</i> , 2017, 68, 519.	0.7	28
1188	Native submerged macrophyte distribution in seasonally-flowing, south-western Australian streams in relation to stream condition. <i>Aquatic Sciences</i> , 2017, 79, 171-185.	0.6	8
1189	Impacts of converting low-intensity pastureland to high-intensity bioenergy cropland on the water quality of tropical streams in Brazil. <i>Science of the Total Environment</i> , 2017, 584-585, 339-347.	3.9	52
1190	Influence of land use and land cover patterns on seasonal water quality at multi-spatial scales. <i>Catena</i> , 2017, 151, 182-190.	2.2	334
1191	Trait-based metrics as bioindicators: Responses of stream fish assemblages to a gradient of environmental degradation. <i>Ecological Indicators</i> , 2017, 75, 249-258.	2.6	45
1192	Finding clean water habitats in urban landscapes: professional researcher vs citizen science approaches. <i>Science of the Total Environment</i> , 2017, 581-582, 105-116.	3.9	30
1193	Small and shallow previously unstudied lakes: land-use, overgrowth and eutrophication. <i>Management of Environmental Quality</i> , 2017, 28, 120-136.	2.2	5
1194	Co-varying impacts of land use and non-native brown trout on fish communities in small streams. <i>Freshwater Biology</i> , 2017, 62, 600-614.	1.2	5

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1195	Post-storm sediment burial and herbivory of <i>Vallisneria americana</i> in the Hudson River estuary: mechanisms of loss and implications for restoration. <i>Restoration Ecology</i> , 2017, 25, 629-639.	1.4	8
1196	Spatio-temporal patterns of major ions in urban stormwater under cold climate. <i>Hydrological Processes</i> , 2017, 31, 1564-1577.	1.1	20
1197	Effects of local, river-network and catchment factors on fish assemblages in the headwater streams of the Xin'an basin, China. <i>Journal of Freshwater Ecology</i> , 2017, 32, 309-322.	0.5	9
1198	Increasing agricultural land use is associated with the spread of an invasive fish (<i>Gambusia affinis</i>). <i>Science of the Total Environment</i> , 2017, 586, 1113-1123.	3.9	22
1199	Impact of land use on water quality in the upper Nisa catchment in the Czech Republic and in Germany. <i>Science of the Total Environment</i> , 2017, 586, 1316-1325.	3.9	103
1200	Impacts of oil palm plantations on changes in environmental heterogeneity and Heteroptera (<i>Gerromorpha</i> and <i>Nepomorpha</i>) diversity. <i>Journal of Insect Conservation</i> , 2017, 21, 111-119.	0.8	50
1201	A fish-based multimetric index for Brazilian savanna streams. <i>Ecological Indicators</i> , 2017, 77, 386-396.	2.6	55
1202	Land use, soil properties and weather conditions influence nutrient fluxes into a deep oligotrophic lake. <i>Marine and Freshwater Research</i> , 2017, 68, 1830.	0.7	9
1203	Methodological and empirical considerations when assessing freshwater ecosystem service provision in a developing city context: Making the best of what we have. <i>Ecological Indicators</i> , 2017, 76, 256-274.	2.6	13
1204	Effects of Urban Sprawl on Riparian Vegetation: Is Compact or Dispersed Urbanization Better for Biodiversity?. <i>River Research and Applications</i> , 2017, 33, 959-969.	0.7	23
1205	CO_2 and CO_2 fluxes of the metropolitan river network in relation to the urbanization of Chongqing, China. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 470-486.	1.3	71
1206	A comparative and evolutionary approach to oxidative stress in fish: A review. <i>Fish and Fisheries</i> , 2017, 18, 928-942.	2.7	246
1207	Aquatic food-web structure along a salinized dryland river. <i>Freshwater Biology</i> , 2017, 62, 681-694.	1.2	27
1208	Public values and preference certainty for stream restoration in forested watersheds in Finland. <i>Water Resources and Economics</i> , 2017, 17, 56-66.	0.9	9
1209	Thermal habitat restricts patterns of occurrence in multiple life-stages of a headwater fish. <i>Freshwater Science</i> , 2017, 36, 402-414.	0.9	15
1210	Small dams need consideration in riverscape conservation assessments. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2017, 27, 748-754.	0.9	20
1211	The trophic structure of fish communities from streams in the Brazilian Cerrado under different land uses: an approach using stable isotopes. <i>Hydrobiologia</i> , 2017, 795, 199-217.	1.0	26
1212	The impacts of habitat disturbance on adult and larval dragonflies (Odonata) in rainforest streams in Sabah, Malaysian Borneo. <i>Freshwater Biology</i> , 2017, 62, 491-506.	1.2	72

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1213	Relationships Between Land Use and Stream Nutrient Concentrations in a Highly Urbanized Tropical Region of Brazil: Thresholds and Riparian Zones. <i>Environmental Management</i> , 2017, 60, 30-40.	1.2	56
1214	Spatial organization of macroinvertebrate assemblages in the Lower Mekong Basin. <i>Limnologica</i> , 2017, 64, 20-30.	0.7	16
1215	Acute toxicity of polyacrylamide flocculants to early life stages of freshwater mussels. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2715-2721.	2.2	32
1216	Watershed influences on the structure and function of riparian wetlands associated with headwater streams in Kenai Peninsula, Alaska. <i>Science of the Total Environment</i> , 2017, 599-600, 124-134.	3.9	12
1217	Physical heterogeneity and aquatic community function in river networks: A case study from the Kanawha River Basin, USA. <i>Geomorphology</i> , 2017, 290, 277-287.	1.1	25
1218	Agricultural influences on the magnitude of stream metabolism in humid tropical headwater streams. <i>Hydrobiologia</i> , 2017, 799, 49-64.	1.0	7
1219	Effects of mountaintop removal coal mining on the diversity and secondary productivity of Appalachian rivers. <i>Limnology and Oceanography</i> , 2017, 62, 1754-1770.	1.6	20
1220	Response of biofilm growth to experimental warming in a temperate stream. <i>Ecohydrology</i> , 2017, 10, e1868.	1.1	10
1221	Land use influences macroinvertebrate community composition in boreal headwaters through altered stream conditions. <i>Ambio</i> , 2017, 46, 311-323.	2.8	31
1222	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
1223	Reconciling agriculture and stream restoration in Europe: A review relating to the EU Water Framework Directive. <i>Science of the Total Environment</i> , 2017, 596-597, 378-395.	3.9	48
1224	Effects of reduced-impact logging on physical habitat and fish assemblages in streams of Eastern Amazonia. <i>Freshwater Biology</i> , 2017, 62, 303-316.	1.2	34
1225	Mayfly bioindicator thresholds for several anthropogenic disturbances in neotropical savanna streams. <i>Ecological Indicators</i> , 2017, 74, 276-284.	2.6	46
1226	The effects of land use at different spatial scales on instream features in agricultural streams. <i>Limnologica</i> , 2017, 65, 14-21.	0.7	41
1228	Identification and interaction of multiple stressors in central European lowland rivers. <i>Science of the Total Environment</i> , 2017, 603-604, 148-154.	3.9	27
1229	Effort-based predictors of headwater stream conditions: comparing the proximity of land use pressures and instream stressors on macroinvertebrate assemblages. <i>Aquatic Sciences</i> , 2017, 79, 765-781.	0.6	6
1230	Landscape variables influence taxonomic and trait composition of insect assemblages in Neotropical savanna streams. <i>Freshwater Biology</i> , 2017, 62, 1472-1486.	1.2	29
1231	Polyunsaturated fatty acids in stream food webs – high dissimilarity among producers and consumers. <i>Freshwater Biology</i> , 2017, 62, 1325-1334.	1.2	58

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1232	Ecological consequences of land clearing and policy reform in Queensland. <i>Pacific Conservation Biology</i> , 2017, 23, 219.	0.5	77
1233	The effects of non-native signal crayfish (<i>Pacifastacus leniusculus</i>) on fine sediment and sediment-biomonitoring. <i>Science of the Total Environment</i> , 2017, 601-602, 186-193.	3.9	11
1234	Analysis of zooplankton assemblages from man-made ditches in relation to current velocity. <i>Oceanological and Hydrobiological Studies</i> , 2017, 46, 199-211.	0.3	17
1235	Biogeographical factors affecting the distribution of stream salamanders on the Cumberland Plateau, USA. <i>Science of the Total Environment</i> , 2017, 599-600, 1622-1629.	3.9	7
1236	Intensity of catchment land use influences biological traits of benthic invertebrates along a freshwaterâ€marine continuum. <i>Limnology and Oceanography</i> , 2017, 62, S292.	1.6	8
1237	The impact of land use and spatial mediated processes on the water quality in a river system. <i>Science of the Total Environment</i> , 2017, 601-602, 365-373.	3.9	50
1238	Response of aquatic insects along gradients of agricultural development and flood magnitude in northern Japanese streams. <i>Aquatic Sciences</i> , 2017, 79, 985-994.	0.6	7
1239	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
1240	Temporal and Spatial Patterns of Fish Distribution and Diversity in the Noxubee River, Mississippi and Alabama. <i>Copeia</i> , 2017, 105, 100-107.	1.4	2
1241	Derivation of low flow frequency distributions under human activities and its implications. <i>Journal of Hydrology</i> , 2017, 549, 294-300.	2.3	13
1242	Assessment of dam effects on streams and fish assemblages of the conterminous USA. <i>Science of the Total Environment</i> , 2017, 586, 879-889.	3.9	105
1243	Biotic interactions modify multipleâ€stressor effects on juvenile brown trout in an experimental stream food web. <i>Global Change Biology</i> , 2017, 23, 3882-3894.	4.2	31
1244	Additive effects prevail: The response of biota to multiple stressors in an intensively monitored watershed. <i>Science of the Total Environment</i> , 2017, 593-594, 27-35.	3.9	79
1245	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
1246	Decline of a giant salamander assessed with historical records, environmental <sc>DNA</sc> and multiâ€scale habitat data. <i>Freshwater Biology</i> , 2017, 62, 967-976.	1.2	33
1247	Assessing ecological impairments in Neotropical rivers of Mexico: calibration and validation of the Biomonitoring Working Party Index. <i>International Journal of Environmental Science and Technology</i> , 2017, 14, 1835-1852.	1.8	14
1248	Congruence and the Biomonitoring of Aquatic Ecosystems: Are Odonate Larvae or Adults the Most Effective for the Evaluation of Impacts. <i>Neotropical Entomology</i> , 2017, 46, 631-641.	0.5	34
1249	Influence of discharge patterns on temporal variation of macroinvertebrate communities in forested and deforested streams in a tropical agricultural landscape. <i>Hydrobiologia</i> , 2017, 797, 103-114.	1.0	4

#	ARTICLE	IF	CITATIONS
1250	Habitat alteration and habitat fragmentation differentially affect beta diversity of stream fish communities. <i>Landscape Ecology</i> , 2017, 32, 647-662.	1.9	53
1251	Spatio-temporal aspects of the environmental factors affecting water quality in boreal rivers. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	9
1252	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
1253	Species traits explaining sensitivity of snakes to human land use estimated from citizen science data. <i>Biological Conservation</i> , 2017, 206, 31-36.	1.9	32
1254	Finding reference: a comparison of modelling approaches for predicting macroinvertebrate community index benchmarks. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2017, 51, 44-59.	0.8	11
1255	Health assessment using aqua-quality indicators of alpine streams (Khunjerab National Park), Gilgit, Pakistan. <i>Environmental Science and Pollution Research</i> , 2017, 24, 4685-4698.	2.7	10
1256	Influence of catchment land use and seasonality on dissolved organic matter composition and ecosystem metabolism in headwater streams of a Kenyan river. <i>Biogeochemistry</i> , 2017, 132, 1-22.	1.7	56
1257	Riparian integrity affects diet and intestinal length of a generalist fish species. <i>Marine and Freshwater Research</i> , 2017, 68, 1272.	0.7	15
1258	Thresholds in ecosystem structural and functional responses to agricultural stressors can inform limit setting in streams. <i>Freshwater Science</i> , 2017, 36, 178-194.	0.9	28
1260	Effects of pasture conversion to sugarcane for biofuel production on stream fish assemblages in tropical agroecosystems. <i>Freshwater Biology</i> , 2017, 62, 2026-2038.	1.2	19
1261	Macroinvertebrate functional organisation along the longitudinal gradient of an austral temperate river. <i>African Zoology</i> , 2017, 52, 125-136.	0.2	9
1262	Assessment of stream water chemistry and impact of geothermal fluid in the up-Buyuk Menderes Basin, Turkey. <i>Environmental Science and Pollution Research</i> , 2017, 24, 26806-26820.	2.7	5
1263	Multistressor predictive models of invertebrate condition in the Corn Belt, USA. <i>Freshwater Science</i> , 2017, 36, 901-914.	0.9	21
1264	Riverine fish diversity varies according to geographical isolation and land use modification. <i>Ecology and Evolution</i> , 2017, 7, 7872-7883.	0.8	12
1265	Phosphorus Limitation, Uptake, and Turnover in Benthic Stream Algae. , 2017, , 197-218.		6
1266	Roads to ruin: conservation threats to a sentinel species across an urban gradient. <i>Ecological Applications</i> , 2017, 27, 2382-2396.	1.8	60
1267	Water quality related macroinvertebrate community responses to environmental gradients in the Portoviejo River (Ecuador). <i>Annales De Limnologie</i> , 2017, 53, 203-219.	0.6	11
1268	Patterns in stream greenhouse gas dynamics from mountains to plains in northcentral Wyoming. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 2173-2190.	1.3	13

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1269	Microbial Ecotoxicology: Looking to the Future. , 2017, , 339-352.		2
1270	Land use effects on the functional structure of aquatic insect communities in Neotropical streams. <i>Inland Waters</i> , 2017, 7, 305-313.	1.1	7
1271	Field-measured variables outperform derived alternatives in Maryland stream biodiversity models. <i>Diversity and Distributions</i> , 2017, 23, 1054-1066.	1.9	6
1272	Covariation in patterns of turbulence-driven hyporheic flow and denitrification enhances reach-scale nitrogen removal. <i>Water Resources Research</i> , 2017, 53, 6927-6944.	1.7	30
1273	Riparian and microhabitat factors determine the structure of the EPT community in Andean headwater rivers of Ecuador. <i>Ecohydrology</i> , 2017, 10, e1894.	1.1	11
1274	The influence of low-intensity watershed development on the hydrology, geomorphology, physicochemistry and macroinvertebrate diversity of small coastal plains streams. <i>Ecological Engineering</i> , 2017, 108, 380-390.	1.6	11
1275	Effects of conservation wetlands on stream habitat, water quality and fish communities in agricultural watersheds of the lower Mississippi River Basin. <i>Ecological Engineering</i> , 2017, 107, 99-109.	1.6	17
1276	Identifying community thresholds for lotic benthic diatoms in response to human disturbance. <i>Scientific Reports</i> , 2017, 7, 4134.	1.6	12
1277	Effect of oil palm on the Plecoptera and Trichoptera (Insecta) assemblages in streams of eastern Amazon. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 393.	1.3	19
1278	Quantitative hydrological preferences of benthic stream invertebrates in Germany. <i>Ecological Indicators</i> , 2017, 79, 163-172.	2.6	33
1279	The impacts of timber harvesting on stream biota – An expanding field of heterogeneity. <i>Biological Conservation</i> , 2017, 213, 154-166.	1.9	10
1280	Development of Regional Curves for Hydrologic Landscape Regions (<scp>HLR</scp>) in the Contiguous United States. <i>Journal of the American Water Resources Association</i> , 2017, 53, 903-928.	1.0	14
1281	Effect of riparian land use on environmental conditions and riparian vegetation in the east African highland streams. <i>Limnologia</i> , 2017, 66, 1-11.	0.7	14
1282	Weighting the impacts to stream water quality in small basins devoted to forage crops, dairy and beef cow production. <i>Limnologia</i> , 2017, 65, 76-84.	0.7	23
1283	Quantifying flow interval-pollutant loading relationships in a rapidly urbanizing mixed-land-use watershed of the Central USA. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	14
1284	Effects of local land-use on riparian vegetation, water quality, and the functional organization of macroinvertebrate assemblages. <i>Science of the Total Environment</i> , 2017, 609, 724-734.	3.9	104
1285	Low-level addition of dissolved organic carbon increases basal ecosystem function in a boreal headwater stream. <i>Ecosphere</i> , 2017, 8, e01739.	1.0	17
1286	Developing a landscape-scale, multi-species, and cost-efficient conservation strategy for imperilled aquatic species in the Upper Tennessee River Basin, USA. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2017, 27, 1224-1239.	0.9	4

#	ARTICLE	IF	CITATIONS
1287	Spatial scale and seasonal dependence of land use impacts on riverine water quality in the Huai River basin, China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 20995-21010.	2.7	38
1288	Effects of human disturbance and riparian conditions on Odonata (Insecta) assemblages in eastern Amazon basin streams. <i>Limnologica</i> , 2017, 66, 31-39.	0.7	65
1289	<sc>IDW</sc>+Plus: An Arc<sc>GIS</sc> Toolset for Calculating Spatially Explicit Watershed Attributes for Survey Sites. <i>Journal of the American Water Resources Association</i> , 2017, 53, 1241-1249.	1.0	13
1290	Synergistic effects of climate and land use on avian beta-diversity. <i>Diversity and Distributions</i> , 2017, 23, 1246-1255.	1.9	27
1291	Stream restoration in Andean cities: learning from contrasting restoration approaches. <i>Urban Ecosystems</i> , 2018, 21, 281.	1.1	9
1292	Influences of anthropogenic land use on microbial community structure and functional potentials of stream benthic biofilms. <i>Scientific Reports</i> , 2017, 7, 15117.	1.6	45
1293	Effects of land use types on dissolved trace metal concentrations in the Le'an River Basin, China. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 633.	1.3	14
1294	Unravelling direct and indirect effects of hierarchical factors driving microbial stream communities. <i>Journal of Biogeography</i> , 2017, 44, 2376-2385.	1.4	21
1295	Response of aquatic insect assemblages to the activities of traditional populations in eastern Amazonia. <i>Hydrobiologia</i> , 2017, 802, 39-51.	1.0	36
1296	Productivity and Connectivity in Tropical Riverscapes of Northern Australia: Ecological Insights for Management. <i>Ecosystems</i> , 2017, 20, 492-514.	1.6	44
1297	Flashiness and Flooding of Two Lakes in the Upper Midwest During a Century of Urbanization and Climate Change. <i>Ecosystems</i> , 2017, 20, 601-615.	1.6	11
1298	The influence of aquatic buffer zone vegetation on river macroinvertebrate communities. <i>Forest Ecology and Management</i> , 2017, 400, 621-630.	1.4	10
1299	Retrieval of Secchi disk depth from a reservoir using a semi-analytical scheme. <i>Remote Sensing of Environment</i> , 2017, 198, 213-228.	4.6	60
1300	Predicting impacts of urbanized stream processes on biota: high flows and river chub (<i>Nocomis biguttatus</i>) in the Illinois River. <i>Journal of Great Lakes Research</i> , 2017, 43, 107-114.	1.1	4
1301	Climate-driven changes to streamflow patterns in a groundwater-dominated catchment. <i>Acta Geophysica</i> , 2017, 65, 789-798.	1.0	9
1302	High resolution stream water quality assessment in the Vancouver, British Columbia region: a citizen science study. <i>Science of the Total Environment</i> , 2017, 603-604, 745-759.	3.9	31
1303	Effects of landuse intensification on stream basal resources and invertebrate communities. <i>Freshwater Science</i> , 2017, 36, 609-625.	0.9	20
1304	Influence of land use and lithology on sources and ages of nutritional resources for stream macroinvertebrates: a multi-isotopic approach. <i>Aquatic Sciences</i> , 2017, 79, 925-939.	0.6	11

#	ARTICLE	IF	CITATIONS
1305	Predicting improved optical water quality in rivers resulting from soil conservation actions on land. <i>Science of the Total Environment</i> , 2017, 603-604, 584-592.	3.9	15
1306	Critical catchments for freshwater biodiversity conservation in Europe: identification, prioritisation and gap analysis. <i>Journal of Applied Ecology</i> , 2017, 54, 1209-1218.	1.9	43
1307	Identifying congruence in stream assemblage thresholds in response to nutrient and sediment gradients for limit setting. <i>Ecological Applications</i> , 2017, 27, 469-484.	1.8	29
1308	Different responses of functional traits and diversity of stream macroinvertebrates to environmental and spatial factors in the Xishuangbanna watershed of the upper Mekong River Basin, China. <i>Science of the Total Environment</i> , 2017, 574, 288-299.	3.9	90
1309	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
1310	Unravelling the correlates of species richness and ecological uniqueness in a metacommunity of urban pond insects. <i>Ecological Indicators</i> , 2017, 73, 422-431.	2.6	57
1311	Spatial fit between water quality policies and hydrologic ecosystem services in an urbanizing agricultural landscape. <i>Landscape Ecology</i> , 2017, 32, 59-75.	1.9	27
1312	Longitudinal and seasonal patterns of macroinvertebrate communities in a large undammed river system in Southwest China. <i>Quaternary International</i> , 2017, 440, 1-12.	0.7	23
1313	Hydrologic connectivity driven natural stream fish assemblages in mountain streams in the Yangtze River basin: implications for stream fish conservation in monsoonal East Asia. <i>Hydrobiologia</i> , 2017, 785, 185-206.	1.0	11
1314	Environmental factors structuring benthic primary producers at different spatial scales in the St. Lawrence River (Canada). <i>Aquatic Sciences</i> , 2017, 79, 345-356.	0.6	10
1315	Review on river bank filtration as an in situ water treatment process. <i>Clean Technologies and Environmental Policy</i> , 2017, 19, 349-359.	2.1	38
1316	Current landscapes and legacies of land-use past: understanding the distribution of juvenile coho salmon (<i>Oncorhynchus kisutch</i>) and their habitats along the Oregon Coast, USA. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2017, 74, 546-561.	0.7	6
1317	Neighbourhood-scale urban riparian ecosystem classification. <i>Ecological Indicators</i> , 2017, 72, 330-339.	2.6	9
1318	Tributary effects in rivers: interactions of spatial scale, network structure, and landscape characteristics. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2017, 74, 503-510.	0.7	21
1319	What drives riparian plant taxa and assemblages in Mediterranean rivers?. <i>Aquatic Sciences</i> , 2017, 79, 371-384.	0.6	9
1320	Environmental filtering and taxonomic relatedness underlie the species richness–evenness relationship. <i>Hydrobiologia</i> , 2017, 787, 243-253.	1.0	13
1321	Watershed Land Use and Seasonal Variation Constrain the Influence of Riparian Canopy Cover on Stream Ecosystem Metabolism. <i>Ecosystems</i> , 2017, 20, 553-567.	1.6	22
1322	An Objective Method to Prioritize Socio–Environmental Water Management Tradeoffs Using Multi–Criteria Decision Analysis. <i>River Research and Applications</i> , 2017, 33, 586-596.	0.7	15

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1323	Climate change and multiple stressors in small tropical streams. <i>Hydrobiologia</i> , 2017, 793, 41-53.	1.0	45
1324	Vulnerability of stream community composition and function to projected thermal warming and hydrologic change across ecoregions in the western United States. <i>Global Change Biology</i> , 2017, 23, 77-93.	4.2	80
1325	Aquatic Ecosystem Impacts of Land Sharing Versus Sparing: Nutrient Loading to Southeast Asian Rivers. <i>Ecosystems</i> , 2017, 20, 393-405.	1.6	3
1326	Annual precipitation regulates spatial and temporal drivers of lake water clarity. <i>Ecological Applications</i> , 2017, 27, 632-643.	1.8	59
1327	Riparian vegetation as an indicator of riparian condition: Detecting departures from historic condition across the North American West. <i>Journal of Environmental Management</i> , 2017, 202, 447-460.	3.8	38
1328	Importance of Riparian Zone: Effects of Resource Availability at Land-water Interface. <i>Riparian Ecology and Conservation</i> , 2017, 3, .	1.0	10
1329	Changes in macroinvertebrate trophic structure along a land-use gradient within a lowland stream network. <i>Aquatic Sciences</i> , 2017, 79, 407-418.	0.6	22
1330	Denitrification along the Stream-Riparian Continuum in Restored and Unrestored Agricultural Streams. <i>Journal of Environmental Quality</i> , 2017, 46, 1010-1019.	1.0	22
1331	A cross-sectional study on water quality in relation to fish diversity of Paschim Medinipur, West Bengal, India through geoinformatics approaches. <i>Egyptian Journal of Aquatic Research</i> , 2017, 43, 283-289.	1.0	10
1332	Payments for Carbon Sequestration to Alleviate Development Pressure in a Rapidly Urbanizing Region. <i>Forest Science</i> , 2017, 63, 270-282.	0.5	2
1333	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
1334	Agricultural Land Fragmentation at Urban Fringes: An Application of Urban-To-Rural Gradient Analysis in Adelaide. <i>Land</i> , 2017, 6, 28.	1.2	39
1335	Sustainable Ecosystem Services Framework for Tropical Catchment Management: A Review. <i>Sustainability</i> , 2017, 9, 546.	1.6	17
1336	Diversity and Distribution of Endemic Stream Insects on a Nationwide Scale, South Korea: Conservation Perspectives. <i>Water (Switzerland)</i> , 2017, 9, 833.	1.2	8
1337	Linkage Analysis of Land Use/Cover Patterns and Hydro-Chemical Characteristics in Different Seasons in Ebinur Lake Watershed, China. <i>Water (Switzerland)</i> , 2017, 9, 888.	1.2	2
1338	Challenges in Aquatic Physical Habitat Assessment: Improving Conservation and Restoration Decisions for Contemporary Watersheds. <i>Challenges</i> , 2017, 8, 31.	0.9	9
1339	Benthic Diatom Based Indices for Water Quality Assessment in Two Subtropical Streams. <i>Frontiers in Microbiology</i> , 2017, 8, 601.	1.5	48
1340	The effect of riparian restoration on channel complexity and soil nutrients. <i>Marine and Freshwater Research</i> , 2017, 68, 2041.	0.7	5

#	ARTICLE	IF	CITATIONS
1341	Impacts of forest restoration on water yield: A systematic review. PLoS ONE, 2017, 12, e0183210.	1.1	230
1342	Organic matter dynamics in a savanna transition riparian zone: input of plant reproductive parts increases leaf breakdown process. Journal of Limnology, 2017, , .	0.3	2
1343	An Opinion on Spring Habitats within the Earth's Critical Zone in Headwater Regions. Water (Switzerland), 2017, 9, 645.	1.2	11
1344	Macroinvertebrates and Fishes as Bioindicators of Stream Water Pollution. , 0, , .		17
1345	The effect of agriculture on cave-stream invertebrate communities. Marine and Freshwater Research, 2017, 68, 1999.	0.7	5
1346	Spatio-temporal variation in microbial respiration in the shallow hyporheic zone of pre-Alpine rivers related to catchment land use. Fundamental and Applied Limnology, 2017, 190, 265-277.	0.4	3
1347	Factors that drive zooplankton diversity in Neo-Tropical Savannah shallow lakes. Acta Limnologica Brasiliensia, 2017, 29, .	0.4	4
1348	Influences of environmental factors on macroinvertebrate assemblages: differences between mountain and lowland ecoregions, Wei River, China. Environmental Monitoring and Assessment, 2018, 190, 152.	1.3	15
1349	Finding land cover change impacts on low flow regimes. Journal of Water and Climate Change, 2018, 9, 196-206.	1.2	2
1350	Decoupled water-sediment interactions restrict the phosphorus buffer mechanism in agricultural streams. Science of the Total Environment, 2018, 628-629, 44-52.	3.9	32
1351	Shifting stream planform state decreases stream productivity yet increases riparian animal production. Oecologia, 2018, 187, 167-180.	0.9	25
1352	Loss of catchment-wide riparian forest cover is associated with reduced recruitment in a long-lived amphibian. Biological Conservation, 2018, 220, 215-227.	1.9	33
1353	Testing the response of macroinvertebrate communities and biomonitoring indices under multiple stressors in a lowland regulated river. Ecological Indicators, 2018, 90, 47-53.	2.6	23
1354	Comparing assembly processes for multimetric indices of biotic integrity. Ecological Indicators, 2018, 89, 590-609.	2.6	10
1355	Stream community richness predicts apex predator occupancy dynamics in riparian systems. Oikos, 2018, 127, 1422-1436.	1.2	11
1356	Relative Importance of Water Quality Stressors in Predicting Fish Community Responses in Midwestern Streams. Journal of the American Water Resources Association, 2018, 54, 708-723.	1.0	13
1357	Prey selectivity and ontogenetic diet shift of the globally invasive western mosquitofish (<i>Gambusia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.7	19
1358	A benthic macroinvertebrate multimetric index for Chilean Mediterranean streams. Ecological Indicators, 2018, 91, 13-23.	2.6	42

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1359	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
1360	Critical transition in critical zone of intensively managed landscapes. <i>Anthropocene</i> , 2018, 22, 10-19.	1.6	72
1361	Establishing the linkages among watershed threats, in-stream alterations and biological responses remains a challenge: Fayetteville Shale as a case study. <i>Current Opinion in Environmental Science and Health</i> , 2018, 3, 27-32.	2.1	5
1362	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
1363	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
1364	Integrating river hydromorphology and water quality into ecological status modelling by artificial neural networks. <i>Water Research</i> , 2018, 139, 395-405.	5.3	57
1365	Using multimetric indices to assess the effect of reduced impact logging on ecological integrity of Amazonian streams. <i>Ecological Indicators</i> , 2018, 91, 315-323.	2.6	15
1366	Ecoregional Planning and Climate Change Adaptation. , 2018, , 245-256.		0
1367	Non-native fish species are related to the loss of ecological integrity in Neotropical streams: a multimetric approach. <i>Hydrobiologia</i> , 2018, 817, 413-430.	1.0	27
1368	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
1369	Substrate degradation and nutrient enrichment structuring macroinvertebrate assemblages in agriculturally dominated Lake Chaohu Basins, China. <i>Science of the Total Environment</i> , 2018, 627, 57-66.	3.9	35
1370	Rivers may constitute an overlooked avenue of dispersal for terrestrial fungi. <i>Fungal Ecology</i> , 2018, 32, 72-79.	0.7	18
1371	Impacts of land-use on surface waters at the watershed scale in southeastern China: Insight from fluorescence excitation-emission matrix and PARAFAC. <i>Science of the Total Environment</i> , 2018, 627, 647-657.	3.9	33
1372	Predicting habitat suitability for eleven imperiled fluvial freshwater mussels. <i>Hydrobiologia</i> , 2018, 809, 265-283.	1.0	18
1373	Long-term decline of native freshwater mussel assemblages in a federally protected river. <i>Freshwater Biology</i> , 2018, 63, 243-263.	1.2	19
1374	Population Genetics of the Endangered and Wild Edible Plant <i>Ottelia acuminata</i> in Southwestern China Using Novel SSR Markers. <i>Biochemical Genetics</i> , 2018, 56, 235-254.	0.8	20
1375	Multi-scale Homogenization of Caddisfly Metacomunities in Human-modified Landscapes. <i>Environmental Management</i> , 2018, 61, 687-699.	1.2	7
1376	Effects of oil palm plantations on habitat structure and fish assemblages in Amazon streams. <i>Environmental Biology of Fishes</i> , 2018, 101, 547-562.	0.4	28

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1377	Seasonal patterns of stream macroinvertebrate communities in response to anthropogenic stressors in monsoonal Taiwan. <i>Journal of Asia-Pacific Entomology</i> , 2018, 21, 423-429.	0.4	7
1378	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
1379	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
1380	Assessing the influence of multiple stressors on stream diatom metrics in the upper Midwest, USA. <i>Ecological Indicators</i> , 2018, 85, 1239-1248.	2.6	26
1381	Contaminants in tropical island streams and their biota. <i>Environmental Research</i> , 2018, 161, 615-623.	3.7	10
1382	Mapping watershed integrity for the conterminous United States. <i>Ecological Indicators</i> , 2018, 85, 1133-1148.	2.6	40
1383	On the reintroduction of the endangered thick-shelled river mussel <i>Unio crassus</i> : The importance of the river's longitudinal profile. <i>Science of the Total Environment</i> , 2018, 624, 273-282.	3.9	23
1384	Understanding multiple stressors in a Mediterranean basin: Combined effects of land use, water scarcity and nutrient enrichment. <i>Science of the Total Environment</i> , 2018, 624, 1221-1233.	3.9	54
1385	Influence of declining mean annual rainfall on the behavior and yield of sediment and particulate organic carbon from tropical watersheds. <i>Geomorphology</i> , 2018, 306, 28-39.	1.1	16
1386	Nonlinear higher order abiotic interactions explain riverine biodiversity. <i>Journal of Biogeography</i> , 2018, 45, 628-639.	1.4	29
1387	Does river restoration work? Taxonomic and functional trajectories at two restoration schemes. <i>Science of the Total Environment</i> , 2018, 618, 961-970.	3.9	45
1388	Key factors influencing differences in stream water quality across space. <i>Wiley Interdisciplinary Reviews: Water</i> , 2018, 5, e1260.	2.8	173
1389	Assessing the causal relationships of ecological integrity: a re-evaluation of Karr's iconic Index of Biotic Integrity. <i>Ecosphere</i> , 2018, 9, e02168.	1.0	11
1390	Rivers are social-ecological systems: Time to integrate human dimensions into riverscape ecology and management. <i>Wiley Interdisciplinary Reviews: Water</i> , 2018, 5, e1291.	2.8	63
1391	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
1392	Multiple drivers, scales, and interactions influence southern Appalachian stream salamander occupancy. <i>Ecosphere</i> , 2018, 9, e02150.	1.0	15
1393	Floods, drying, habitat connectivity, and fish occupancy dynamics in restored and un-restored oxbows of West Central Iowa, USA. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 630-640.	0.9	13
1394	Overcoming urban stream syndrome: Trophic flexibility confers resilience in a Hawaiian stream fish. <i>Freshwater Biology</i> , 2018, 63, 492-502.	1.2	25

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1395	Lentic and lotic odonate communities and the factors that influence them in urban versus rural landscapes. <i>Urban Ecosystems</i> , 2018, 21, 737-750.	1.1	19
1396	Quantifying land use influences on event-based flow frequency, timing, magnitude, and rate of change in an urbanizing watershed of the central USA. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	9
1397	How disturbances and management practices affect bird communities in a Carpathian river ecosystem?. <i>Acta Oecologica</i> , 2018, 88, 29-40.	0.5	7
1398	The role of catchment land use and tidal exchange in structuring estuarine fish assemblages. <i>Hydrobiologia</i> , 2018, 811, 173-191.	1.0	6
1399	The influence of drought on flow-ecology relationships in Ozark Highland streams. <i>Freshwater Biology</i> , 2018, 63, 946-968.	1.2	21
1400	Climate-induced seasonal changes in smallmouth bass growth rate potential at the southern range extent. <i>Ecology of Freshwater Fish</i> , 2018, 27, 19-29.	0.7	10
1401	Discrete longitudinal variation in freshwater mussel assemblages within two rivers of central Michigan, USA. <i>Hydrobiologia</i> , 2018, 810, 351-366.	1.0	10
1402	Effects of anthropogenic disturbances on $\hat{1}$ and $\hat{2}$ diversity of fish assemblages and their longitudinal patterns in subtropical streams, China. <i>Ecology of Freshwater Fish</i> , 2018, 27, 433-441.	0.7	17
1403	Land Use and Salinity Drive Changes in SAV Abundance and Community Composition. <i>Estuaries and Coasts</i> , 2018, 41, 85-100.	1.0	13
1404	Disentangling the pathways of land use impacts on the functional structure of fish assemblages in Amazon streams. <i>Ecography</i> , 2018, 41, 219-232.	2.1	166
1405	Compounding Effects of Agricultural Land Use and Water Use in Free-Flowing Rivers: Confounding Issues for Environmental Flows. <i>Environmental Management</i> , 2018, 61, 421-431.	1.2	8
1406	Biological impacts of local vs. regional land use on a small tributary of the Seine River (France): insights from a food web approach based on stable isotopes. <i>Environmental Science and Pollution Research</i> , 2018, 25, 23583-23594.	2.7	4
1407	Variation in stream metabolism and benthic invertebrate composition along longitudinal profiles of two contrasting river systems. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2018, 75, 549-559.	0.7	8
1408	Long-term environmental change and shifts in the aquatic plant community of Jones Creek, Thousand Islands National Park, Ontario, Canada based on plant macrofossil analysis. <i>Journal of Paleolimnology</i> , 2018, 60, 349-360.	0.8	3
1409	Local and regional effects structuring aquatic insect assemblages at multiple spatial scales in a Mainland-Island region of the Atlantic Forest. <i>Hydrobiologia</i> , 2018, 805, 61-73.	1.0	10
1410	Incorporating ecogeomorphic feedbacks to better understand resiliency in streams: A review and directions forward. <i>Geomorphology</i> , 2018, 305, 123-140.	1.1	31
1411	Evaluating transferability of flow-ecology relationships across space, time and taxonomy. <i>Freshwater Biology</i> , 2018, 63, 817-830.	1.2	43
1412	Impacts of rapid urbanization on the water quality and macroinvertebrate communities of streams: A case study in Liangjiang New Area, China. <i>Science of the Total Environment</i> , 2018, 621, 1601-1614.	3.9	101

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1413	The relative contribution of river network structure and anthropogenic stressors to spatial patterns of genetic diversity in two freshwater fishes: A multiple stressors approach. <i>Freshwater Biology</i> , 2018, 63, 6-21.	1.2	32
1414	Chlorpyrifos interacts with other agricultural stressors to alter stream communities in laboratory microcosms. <i>Ecological Applications</i> , 2018, 28, 162-176.	1.8	20
1415	Identifying the influence factors at multiple scales on river water chemistry in the Tiaoxi Basin, China. <i>Ecological Indicators</i> , 2018, 92, 228-238.	2.6	9
1416	Is environmental legislation conserving tropical stream faunas? A large scale assessment of local, riparian and catchment influences on Amazonian fish. <i>Journal of Applied Ecology</i> , 2018, 55, 1312-1326.	1.9	62
1417	Effects of land use and seasonality on stream water quality in a small tropical catchment: The headwater of C�rrego �gua Limpa, S�o Paulo (Brazil). <i>Science of the Total Environment</i> , 2018, 622-623, 1553-1561.	3.9	90
1418	The metabolic regimes of flowing waters. <i>Limnology and Oceanography</i> , 2018, 63, S99.	1.6	247
1419	Introducing nested spatial scales in multi-stress models: towards better assessment of human impacts on river ecosystems. <i>Hydrobiologia</i> , 2018, 806, 347-361.	1.0	9
1420	Land cover disturbance homogenizes aquatic insect functional structure in neotropical savanna streams. <i>Ecological Indicators</i> , 2018, 84, 573-582.	2.6	113
1421	Feeding, growth, and trophic position of redbreast sunfish (<i>Lepomis auritus</i>) in watersheds of differing land cover in the lower Piedmont, USA. <i>Urban Ecosystems</i> , 2018, 21, 107-117.	1.1	5
1422	Incorporating fragmentation and non-native species into distribution models to inform fluvial fish conservation. <i>Conservation Biology</i> , 2018, 32, 171-182.	2.4	20
1423	Further insights into the responses of macroinvertebrate species to burial by sediment. <i>Hydrobiologia</i> , 2018, 805, 399-411.	1.0	21
1424	State-shifting at the edge of resilience: River suspended sediment responses to land use change and extreme storms. <i>Geomorphology</i> , 2018, 305, 49-60.	1.1	13
1425	Alternatives to biodiversity offsets for mitigating the effects of urbanization on stream ecosystems. <i>Conservation Biology</i> , 2018, 32, 789-797.	2.4	8
1426	Effects of changing climate on European stream invertebrate communities: A long-term data analysis. <i>Science of the Total Environment</i> , 2018, 621, 588-599.	3.9	80
1427	The role of topography, river size and riverbed grain size on the preservation of riverine mollusk shells. <i>Journal of Paleolimnology</i> , 2018, 59, 309-327.	0.8	4
1428	The influence of land use in a highly modified catchment: Investigating the importance of scale in riverine health assessment. <i>Journal of Environmental Management</i> , 2018, 206, 1007-1019.	3.8	8
1429	Riparian restoration offsets predicted population consequences of climate warming in a threatened headwater fish. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 575-586.	0.9	7
1430	Fishery yields vary with land cover on the Amazon River floodplain. <i>Fish and Fisheries</i> , 2018, 19, 431-440.	2.7	47

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1431	Effects of land use and sampling distance on water quality in tropical headwater springs (Pimenta) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	3.9	39
1432	Macrophyteâ€driven transient storage and phosphorus uptake in a western Wisconsin stream. <i>Hydrological Processes</i> , 2018, 32, 253-263.	1.1	11
1433	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
1434	Land use changes and socio-economic development strongly deteriorate river ecosystem health in one of the largest basins in China. <i>Science of the Total Environment</i> , 2018, 616-617, 376-385.	3.9	112
1435	Land-use effects on structural and functional composition of benthic and leaf-associated macroinvertebrates in four Andean streams. <i>Aquatic Ecology</i> , 2018, 52, 77-92.	0.7	23
1436	Urbanization is associated with elevated corticosterone in Jollyville Plateau salamanders. <i>Ecological Indicators</i> , 2018, 85, 229-235.	2.6	28
1437	A detailed risk assessment of shale gas development on headwater streams in the Pennsylvania portion of the Upper Susquehanna River Basin, U.S.A.. <i>Science of the Total Environment</i> , 2018, 610-611, 154-166.	3.9	26
1438	Extent and Causes of Siltation in a Headwater Stream Bed: Catchment Soil Erosion is Less Important than Internal Stream Processes. <i>Land Degradation and Development</i> , 2018, 29, 737-748.	1.8	43
1439	Spatiotemporal dynamics in caddisfly (Insecta: Trichoptera) of a Cerrado stream, Brazil. <i>Annales De Limnologie</i> , 2018, 54, 37.	0.6	9
1440	Bi-Directional Waterway Reveals Nutrient Runoff From Cropland. <i>Frontiers in Environmental Science</i> , 2018, 6, .	1.5	0
1441	Urban Land-Use Dynamics in the Niger Delta: The Case of Greater Port Harcourt Watershed. <i>Urban Science</i> , 2018, 2, 108.	1.1	13
1442	Streamflow Alteration from Impervious Cover: Are All Watersheds Created Equal?. <i>Journal of the American Water Resources Association</i> , 2018, 54, 1222-1238.	1.0	6
1443	Modeling Water Yield: Assessing the Role of Site and Region-Specific Attributes in Determining Model Performance of the InVEST Seasonal Water Yield Model. <i>Water (Switzerland)</i> , 2018, 10, 1496.	1.2	45
1444	A high-resolution streamflow and hydrological metrics dataset for ecological modeling using a regression model. <i>Scientific Data</i> , 2018, 5, 180224.	2.4	20
1445	Effects of invasive species snails in continental aquatic bodies of Pernambuco semiarid. <i>Acta Limnologica Brasiliensia</i> , 2018, 30, .	0.4	2
1446	Multi-scale effects of land cover and urbanization on the habitat suitability of an endangered toad. <i>Biological Conservation</i> , 2018, 228, 310-318.	1.9	4
1447	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
1448	Scale-specific land cover thresholds for conservation of stream invertebrate communities in agricultural landscapes. <i>Landscape Ecology</i> , 2018, 33, 2239-2252.	1.9	10

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1449	Beyond the Edge: Linking Agricultural Landscapes, Stream Networks, and Best Management Practices. <i>Journal of Environmental Quality</i> , 2018, 47, 42-53.	1.0	22
1450	Recognition of Patterns of Benthic Diatom Assemblages within a River System to Aid Bioassessment. <i>Water (Switzerland)</i> , 2018, 10, 1559.	1.2	5
1451	Mapping the coloured dissolved organic matter absorption coefficient in a eutrophic reservoir using remotely sensed images. <i>Inland Waters</i> , 2018, 8, 488-504.	1.1	3
1452	Performance of National Maps of Watershed Integrity at Watershed Scales. <i>Water (Switzerland)</i> , 2018, 10, 604.	1.2	13
1453	Assessing impact of exogenous features on biotic phenomena in the presence of strong spatial dependence: A lake sturgeon case study in natural stream settings. <i>PLoS ONE</i> , 2018, 13, e0204150.	1.1	6
1454	Export of Total, Particulate, and Apatite Phosphorus from Forested and Agricultural Watersheds. <i>Journal of Environmental Quality</i> , 2018, 47, 106-112.	1.0	7
1455	Landscapeâ€œZonal Distribution of Blackflies (Diptera: Simuliidae) in the Ob-Irtysh River Basin (Overview). <i>Inland Water Biology</i> , 2018, 11, 255-263.	0.2	1
1456	Priorization of River Restoration by Coupling Soil and Water Assessment Tool (SWAT) and Support Vector Machine (SVM) Models in the Taizi River Basin, Northern China. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2090.	1.2	10
1457	Response of macroinvertebrate communities to hydrological and hydrochemical alterations in Mediterranean streams. <i>Journal of Hydrology</i> , 2018, 566, 566-580.	2.3	9
1458	Diet and body shape among populations of <i>Bryconamericus iheringii</i> (Otophysi: Characidae) across the Campos Sulinos ecosystem. <i>Neotropical Ichthyology</i> , 2018, 16, .	0.5	3
1459	Relationships between borders, management agencies, and the likelihood of watershed impairment. <i>PLoS ONE</i> , 2018, 13, e0204149.	1.1	6
1460	Local environment and space drive multiple facets of stream macroinvertebrate beta diversity. <i>Journal of Biogeography</i> , 2018, 45, 2744-2754.	1.4	82
1461	Priming of leaf litter decomposition by algae seems of minor importance in natural streams during autumn. <i>PLoS ONE</i> , 2018, 13, e0200180.	1.1	21
1462	Predicting biological conditions for small headwater streams in the Chesapeake Bay watershed. <i>Freshwater Science</i> , 2018, 37, 795-809.	0.9	9
1463	The Impacts of Land Use Patterns on Water Quality in a Trans-Boundary River Basin in Northeast China Based on Eco-Functional Regionalization. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1872.	1.2	25
1464	State of the art, shortcomings and future challenges for a sustainable sediment management in hydropower: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 98, 40-55.	8.2	83
1465	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
1466	Ecosystem structure and function of afrotropical streams with contrasting land use. <i>Freshwater Biology</i> , 2018, 63, 1498-1513.	1.2	26

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1467	Using food network unfolding to evaluate foodâ€‘web complexity in terms of biodiversity: theory and applications. <i>Ecology Letters</i> , 2018, 21, 1065-1074.	3.0	12
1468	River Morphology, Channelization, and Habitat Restoration. , 2018, , 41-65.		30
1469	What are the Conditions of Riparian Ecosystems? Identifying Impaired Floodplain Ecosystems across the Western U.S. Using the Riparian Condition Assessment (RCA) Tool. <i>Environmental Management</i> , 2018, 62, 548-570.	1.2	9
1470	Floodplain plant productivity is better predicted by particulate nutrients than by dissolved nutrients in floodwater. <i>Ecological Engineering</i> , 2018, 119, 54-63.	1.6	9
1471	The effects of landscape patterns on ecosystem services: meta-analyses of landscape services. <i>Landscape Ecology</i> , 2018, 33, 1247-1257.	1.9	127
1472	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
1473	Landscape and anthropogenic factors affecting spatial patterns of water quality trends in a large river basin, South Korea. <i>Journal of Hydrology</i> , 2018, 564, 26-40.	2.3	98
1474	Water ethics, justice, and equity in social-ecological systems conservation: lessons from the Queensland Wild Rivers Act. <i>Water Policy</i> , 2018, 20, 933-952.	0.7	4
1475	Rainfallâ€‘stream flow responses in a mixed-land-use and municipal watershed of the central USA. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	4
1476	Substrate-specific biofilms control nutrient uptake in experimental streams. <i>Freshwater Science</i> , 2018, 37, 456-471.	0.9	14
1477	Benthic invertebrate taxonomic and trait associations with land use in an intensively managed watershed: Implications for indicator identification. <i>Ecological Indicators</i> , 2018, 93, 1050-1059.	2.6	43
1478	Tracking the Trajectory of Change in Large River Fish Communities Over 50 Y. <i>American Midland Naturalist</i> , 2018, 180, 98.	0.2	5
1479	Changing environmental gradients over forty years alter ecomorphological variation in Guadalupe Bass <i>Micropterus treculii</i> throughout a river basin. <i>Ecology and Evolution</i> , 2018, 8, 8508-8522.	0.8	15
1480	Can Riparian Forest Buffers Increase Yields From Oil Palm Plantations?. <i>Earth's Future</i> , 2018, 6, 1082-1096.	2.4	3
1481	The Role of Sediment and Sediment Dynamics in the Aquatic Environment. , 2018, , 151-169.		44
1482	Response to basal resources by stream macroinvertebrates is shaped by watershed urbanization, riparian canopy cover, and season. <i>Freshwater Science</i> , 2018, 37, 640-652.	0.9	15
1483	Impact of river channelization and riverfront development on fluvial habitat: evidence from Gomti River, a tributary of Ganges, India. <i>Environmental Sustainability</i> , 2018, 1, 167-184.	1.4	34
1484	Landscape heterogeneity and hydrological processes: a review of landscape-based hydrological models. <i>Landscape Ecology</i> , 2018, 33, 1461-1480.	1.9	56

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1485	Effects of urban imperviousness scenarios on simulated storm flow. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 499.	1.3	2
1486	How Does an Invasive Cyprinid Benefit from the Hydrological Disturbance of Mediterranean Temporary Streams?. <i>Diversity</i> , 2018, 10, 47.	0.7	6
1487	Water Loss Due to Increasing Planted Vegetation over the Badain Jaran Desert, China. <i>Remote Sensing</i> , 2018, 10, 134.	1.8	12
1488	A Simplified Nitrogen Assessment in Tagus River Basin: A Management Focused Review. <i>Water (Switzerland)</i> , 2018, 10, 406.	1.2	9
1489	Ecosystem services and U.S. stormwater planning: An approach for improving urban stormwater decisions. <i>Environmental Science and Policy</i> , 2018, 88, 92-103.	2.4	34
1490	Landscape configuration alters spatial arrangement of terrestrial-aquatic subsidies in headwater streams. <i>Landscape Ecology</i> , 2018, 33, 1519-1531.	1.9	16
1491	The loss of large wood affects rocky mountain trout populations. <i>Ecology of Freshwater Fish</i> , 2018, 27, 1023-1036.	0.7	21
1492	Land-use practices influence nutrient concentrations of southwestern Ontario streams. <i>Canadian Water Resources Journal</i> , 2018, 43, 2-17.	0.5	10
1493	A multigear protocol for sampling crayfish assemblages in Gulf of Mexico coastal streams. <i>Hydrobiologia</i> , 2018, 822, 55-67.	1.0	4
1494	Regionalisation is key to establishing reference conditions for neotropical savanna streams. <i>Marine and Freshwater Research</i> , 2018, 69, 82.	0.7	27
1495	Serial discontinuity in naturally alternating forest and floodplain habitats of a Michigan (USA) stream based on physicochemistry, benthic metabolism, and organismal assemblages. <i>Journal of Freshwater Ecology</i> , 2018, 33, 139-155.	0.5	5
1496	Bacterial Biomarkers of Marcellus Shale Activity in Pennsylvania. <i>Frontiers in Microbiology</i> , 2018, 9, 1697.	1.5	11
1497	Vicinal land use change strongly drives stream bacterial community in a tropical montane catchment. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	10
1498	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
1499	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
1500	Multiyear patterns in benthic algal fatty-acid compounds under agricultural stress. <i>Freshwater Science</i> , 2018, 37, 534-550.	0.9	11
1501	Reviews and syntheses: Anthropogenic perturbations to carbon fluxes in Asian river systems – concepts, emerging trends, and research challenges. <i>Biogeosciences</i> , 2018, 15, 3049-3069.	1.3	55
1502	Spatial and temporal variability of myxozoan parasite, <i>Myxobolus inornatus</i> , prevalence in young of the year smallmouth bass in the Susquehanna River Basin, Pennsylvania. <i>Journal of Fish Diseases</i> , 2018, 41, 1689-1700.	0.9	11

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1503	Evaluating relationships between native fishes and habitat in streams affected by oil and natural gas development. <i>Fisheries Management and Ecology</i> , 2018, 25, 366-379.	1.0	7
1504	Fish-trematode systems as indicators of anthropogenic disturbance: Effects of urbanization on a small stream. <i>Ecological Indicators</i> , 2018, 93, 759-770.	2.6	15
1505	Stream fish colonization but not persistence varies regionally across a large North American river basin. <i>Biological Conservation</i> , 2018, 223, 1-10.	1.9	3
1506	Can data from disparate long-term fish monitoring programs be used to increase our understanding of regional and continental trends in large river assemblages?. <i>PLoS ONE</i> , 2018, 13, e0191472.	1.1	21
1507	Decay patterns of invasive plants and plastic trash in urban streams. <i>Urban Ecosystems</i> , 2018, 21, 817-830.	1.1	3
1508	Drivers and uncertainties of forecasted range shifts for warm-water fishes under climate and land cover change. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2019, 76, 415-425.	0.7	4
1509	Urban planning for fishes: untangling a new project's effects from old infrastructure and regional patterns. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2019, 76, 378-389.	0.7	0
1510	A critical sites network for freshwater biodiversity in the Lake Victoria Basin. <i>Fisheries Management and Ecology</i> , 2019, 26, 435-443.	1.0	7
1511	Egg-laying traits reflect shifts in dragonfly assemblages in response to different amount of tropical forest cover. <i>Insect Conservation and Diversity</i> , 2019, 12, 231-240.	1.4	23
1512	Morphological Aspects of the Bakreshwar River Corridor in Western Fringe of Lower Ganga Basin. <i>Geography of the Physical Environment</i> , 2019, , 155-189.	0.2	6
1513	Land cover influences on juvenile Rainbow Trout diet composition and condition in Lake Michigan tributaries. <i>Ecology of Freshwater Fish</i> , 2019, 28, 11-19.	0.7	4
1514	Reintroduction of freshwater macroinvertebrates: challenges and opportunities. <i>Biological Reviews</i> , 2019, 94, 368-387.	4.7	43
1515	Using a hierarchical model framework to assess climate change and hydropower operation impacts on the habitat of an imperiled fish in the Jinsha River, China. <i>Science of the Total Environment</i> , 2019, 646, 1624-1638.	3.9	40
1516	Watershed Models. , 2019, , 221-232.		0
1517	Identifying natural catchment landscape influences on tropical stream organisms: classifying stream reaches of the Hawaiian Islands. <i>Hydrobiologia</i> , 2019, 826, 67-83.	1.0	8
1518	Meta-analysis of the effects of upstream land cover on stream recovery. <i>Conservation Biology</i> , 2019, 33, 351-360.	2.4	3
1519	Land cover data of Upper Parana River Basin, South America, at high spatial resolution. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 83, 101926.	1.4	21
1520	Denitrification in the river network of a mixed land use watershed: unpacking the complexities. <i>Biogeochemistry</i> , 2019, 143, 327-346.	1.7	16

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1521	Testing the native invasion hypothesis to explain anthropogenic influence on stream fish assemblages. <i>Aquatic Sciences</i> , 2019, 81, 1.	0.6	10
1522	Effects of anthropic actions and forest areas on a neotropical aquatic ecosystem. <i>Science of the Total Environment</i> , 2019, 691, 367-377.	3.9	12
1523	Small-scale phenotypic differentiation along complex stream gradients in a non-native amphipod. <i>Frontiers in Zoology</i> , 2019, 16, 29.	0.9	17
1524	Water Quality and Macroinvertebrate Community in Dryland Streams: The Case of the Tehuac�n-Cuicatl�n Biosphere Reserve (M�xico) Facing Climate Change. <i>Water (Switzerland)</i> , 2019, 11, 1376.	1.2	7
1525	Effects of Agricultural Land Use on the Ecohydrology of Small- Medium Mediterranean River Basins: Insights from a Case Study in the South of Portugal. , 2019, , .		3
1526	Agricultural land use alters temporal dynamics and the composition of organic matter in temperate headwater streams. <i>Freshwater Science</i> , 2019, 38, 566-581.	0.9	7
1527	Local and regional drivers of taxonomic homogenization in stream communities along a land use gradient. <i>Global Ecology and Biogeography</i> , 2019, 28, 1597-1609.	2.7	21
1528	Incorporating functional traits to enhance multimetric index performance and assess land use gradients. <i>Science of the Total Environment</i> , 2019, 691, 1005-1015.	3.9	24
1529	The Relative Importance of Spatial Scale Variables for Explaining Macroinvertebrate Richness in Different Aquatic Ecological Function Regions. <i>Water (Switzerland)</i> , 2019, 11, 1550.	1.2	4
1530	Littoral mayfly assemblages in South-East European man-made lakes. <i>Journal of Limnology</i> , 2019, 78, .	0.3	11
1531	Understanding the geomorphic consequences of enhanced overland flow in mixed agricultural systems: sediment fingerprinting demonstrates the need for integrated upstream and downstream thinking. <i>Journal of Soils and Sediments</i> , 2019, 19, 3319-3331.	1.5	11
1532	A review of spatial statistical approaches to modeling water quality. <i>Progress in Physical Geography</i> , 2019, 43, 801-826.	1.4	27
1533	Measurement uncertainty in stream nutrient uptake: Detecting land-use impacts on tropical streams. <i>Ecological Indicators</i> , 2019, 106, 105481.	2.6	4
1534	River network connectivity and fish diversity. <i>Science of the Total Environment</i> , 2019, 689, 21-30.	3.9	64
1535	The responses of stream fish to the gradient of conductivity: A case study from the Taizi River, China. <i>Aquatic Ecosystem Health and Management</i> , 2019, 22, 171-182.	0.3	10
1536	Effects of riparian forest buffers and agricultural land use on macroinvertebrate and fish community structure. <i>Hydrobiologia</i> , 2019, 841, 45-64.	1.0	22
1537	Scale effects on the performance of niche-based models of freshwater fish distributions: Local vs. upstream area influences. <i>Ecological Modelling</i> , 2019, 411, 108818.	1.2	4
1538	Abundance��occupancy patterns in a riverine fish assemblage. <i>Freshwater Biology</i> , 2019, 64, 2221-2233.	1.2	15

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1539	Projected urban growth in the southeastern USA puts small streams at risk. <i>PLoS ONE</i> , 2019, 14, e0222714.	1.1	20
1540	Biodiversity pattern of fish assemblages in Poyang Lake Basin: Threat and conservation. <i>Ecology and Evolution</i> , 2019, 9, 11672-11683.	0.8	18
1541	Linking Land Use to Atlantic Salmon Production to Guide Recovery Planning. <i>North American Journal of Fisheries Management</i> , 2019, 39, 664-675.	0.5	0
1542	Agricultural impacts on streams near Nitrate Vulnerable Zones: A case study in the Ebro basin, Northern Spain. <i>PLoS ONE</i> , 2019, 14, e0218582.	1.1	9
1543	Nutrients and sediment modify the impacts of a neonicotinoid insecticide on freshwater community structure and ecosystem functioning. <i>Science of the Total Environment</i> , 2019, 692, 1291-1303.	3.9	35
1544	Advancing ecohydraulics and ecohydrology by clarifying the role of their component interdisciplines. <i>Journal of Ecohydraulics</i> , 2019, 4, 172-187.	1.6	10
1545	Comparing the Slope-Threshold Area for Stream Initiation in Primeval and Managed Forests of Northern Michigan. <i>Forest Science</i> , 2019, , .	0.5	0
1546	Regional Differences in Stream Water Nitrogen, Phosphorus, and Sediment Responses to Forest Harvesting in the Conterminous USA. <i>Journal of Environmental Quality</i> , 2019, 48, 634-644.	1.0	1
1547	The Landscape Ecology of Rivers: from Patch-Based to Spatial Network Analyses. <i>Current Landscape Ecology Reports</i> , 2019, 4, 103-112.	1.1	61
1548	A mechanistic understanding of ecological responses to land-use change in headwater streams. <i>Ecosphere</i> , 2019, 10, e02907.	1.0	6
1549	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
1550	River otter and mink occupancy dynamics in riparian systems. <i>Journal of Wildlife Management</i> , 2019, 83, 1552-1564.	0.7	6
1551	Do hotspots fall within protected areas? A Geographic Approach to Planning analysis of regional freshwater biodiversity. <i>Freshwater Biology</i> , 2019, 64, 2046-2056.	1.2	6
1552	Water quality assessment of a neotropical pampean lowland stream using a phytoplankton functional trait approach. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 681.	1.3	11
1553	Relative importance of local and landscape variables on fish assemblages in streams of Brazilian savanna. <i>Fisheries Management and Ecology</i> , 2019, 26, 119-130.	1.0	19
1554	Spatial and temporal homogenisation of freshwater macrofaunal communities in ditches. <i>Freshwater Biology</i> , 2019, 64, 2260-2268.	1.2	3
1555	Marginal Agricultural Land Low-Input Systems for Biomass Production. <i>Energies</i> , 2019, 12, 3123.	1.6	113
1556	A web-based geovisual analytics platform for identifying potential contributors to culvert sedimentation. <i>Science of the Total Environment</i> , 2019, 692, 806-817.	3.9	31

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1557	Linking fish trait responses to in-stream habitat in reconstructed valley-plugged stream reaches of the Coastal Plain, U.S.A.. <i>Restoration Ecology</i> , 2019, 27, 1483-1494.	1.4	3
1558	Contamination of small urban watercourses on the example of a stream in Krakow (Poland). <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	15
1559	Poison in paradise: increase of toxic effects in restored sections of two rivers jeopardizes the success of hydromorphological restoration measures. <i>Environmental Sciences Europe</i> , 2019, 31, .	2.6	8
1560	Land Use Impacts on Coral Reef Health: A Ridge-to-Reef Perspective. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	85
1561	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
1562	Metrics of benthic communities and habitat quality associated to different types of land use. <i>Engenharia Sanitaria E Ambiental</i> , 2019, 24, 737-746.	0.1	2
1563	Longitudinal dimensions of land-use impacts in riverine ecosystems. <i>Acta Limnologica Brasiliensia</i> , 2019, 31, .	0.4	2
1564	The Long-Term Effects of Land Use and Climate Changes on the Hydro-Morphology of the Reno River Catchment (Northern Italy). <i>Water (Switzerland)</i> , 2019, 11, 1831.	1.2	12
1565	Relations of dissolved-oxygen variability, selected field constituents, and metabolism estimates to land use and nutrients in high-gradient Boston Mountain streams, Arkansas. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 632.	1.3	3
1566	Does catchment geodiversity foster stream biodiversity?. <i>Landscape Ecology</i> , 2019, 34, 2469-2485.	1.9	28
1567	Establishing baseline biological conditions and monitoring metrics for stream benthic macroinvertebrates and fish in an area of potential shale gas development. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2019, 76, 1480-1494.	0.7	1
1568	Multi-Scale Assessment of Relationships between Fragmentation of Riparian Forests and Biological Conditions in Streams. <i>Sustainability</i> , 2019, 11, 5060.	1.6	9
1569	A Review on Ecosystem Health Research: A Visualization Based on CiteSpace. <i>Sustainability</i> , 2019, 11, 4908.	1.6	46
1570	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
1571	Unified Multimetric Index for the Evaluation of the Biological Condition of Streams in Southern Brazil Based on Fish and Macroinvertebrate Assemblages. <i>Environmental Management</i> , 2019, 64, 661-673.	1.2	7
1572	Floating matter: a neglected component of the ecological integrity of rivers. <i>Aquatic Sciences</i> , 2019, 81, 1.	0.6	20
1573	Fish assemblage-environment relationships suggest differential trophic responses to heavy metal contamination. <i>Freshwater Biology</i> , 2019, 64, 632-642.	1.2	12
1574	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

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1575	Streambed Organic Matter Controls on Carbon Dioxide and Methane Emissions from Streams. <i>Environmental Science & Technology</i> , 2019, 53, 2364-2374.	4.6	48
1576	Influence of Landscape Structures on Water Quality at Multiple Temporal and Spatial Scales: A Case Study of Wujiang River Watershed in Guizhou. <i>Water (Switzerland)</i> , 2019, 11, 159.	1.2	32
1577	Timescale dependence in river channel migration measurements. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 1530-1541.	1.2	21
1578	Conservation of Black Bass Diversity: An Emerging Management Paradigm. <i>Fisheries</i> , 2019, 44, 20-36.	0.6	37
1579	Catchment characteristics, water quality, and cyanobacterial blooms in Washington and Oregon Lakes. <i>Lake and Reservoir Management</i> , 2019, 35, 51-63.	0.4	8
1580	Quantifying relationships between watershed characteristics and hydroecological indices of Missouri streams. <i>Science of the Total Environment</i> , 2019, 654, 1305-1315.	3.9	3
1581	Prairie wetlands confer consistent migrant refueling conditions across a gradient of agricultural land use intensities. <i>Biological Conservation</i> , 2019, 229, 99-112.	1.9	17
1582	Preferences for urban stream landscapes: Opportunities to promote unmanaged riparian vegetation. <i>Urban Forestry and Urban Greening</i> , 2019, 38, 114-123.	2.3	13
1583	Effects of urban multi-stressors on three stream biotic assemblages. <i>Science of the Total Environment</i> , 2019, 660, 1472-1485.	3.9	38
1584	Relationships between Riparian Forest Fragmentation and Biological Indicators of Streams. <i>Sustainability</i> , 2019, 11, 2870.	1.6	21
1585	Modelling physical characteristics of river habitats. <i>River Research and Applications</i> , 2019, 35, 804-817.	0.7	3
1586	Risk-based classification and interactive map of watersheds contributing anthropogenic stress to Laurentian Great Lakes coastal ecosystems. <i>Journal of Great Lakes Research</i> , 2019, 45, 609-618.	0.8	14
1587	Environmental diagnosis of an urban basin from a social-ecological perspective. <i>Science of the Total Environment</i> , 2019, 678, 267-277.	3.9	13
1588	Análisis de fragmentación y conectividad del bosque en la subcuenca del río Tapezco, Costa Rica: Conectando el bosque para proteger el agua. <i>Cuadernos De Geografía: Revista Colombiana De Geografía</i> , 2019, 28, 102-120.	0.1	2
1589	Catchment land cover influences macroinvertebrate foodweb structure and energy flow pathways in mountain streams. <i>Freshwater Biology</i> , 2019, 64, 1557-1571.	1.2	7
1590	A complex urban ecological investigation in a mid-sized Hungarian city – SITE assessment and monitoring of a liveable urban area, PART 1: Water quality measurement. <i>Journal of Environmental Management</i> , 2019, 247, 78-87.	3.8	5
1591	Identifying high value areas for conservation: Accounting for connections among terrestrial, freshwater, and marine habitats in a tropical island system. <i>Journal for Nature Conservation</i> , 2019, 50, 125711.	0.8	10
1592	Biogeographic freshwater fish pattern legacy revealed despite rapid socioeconomic changes in China. <i>Fish and Fisheries</i> , 2019, 20, 857-869.	2.7	19

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1593	Stressor dominance and sensitivityâ€dependent antagonism: Disentangling the freshwater effects of an insecticide among coâ€occurring agricultural stressors. <i>Journal of Applied Ecology</i> , 2019, 56, 2020-2033.	1.9	17
1594	Plants or bacteria? 130 years of mixed imprints in Lake Baldegg sediments (Switzerland), as revealed by compound-specific isotope analysis (CSIA) and biomarker analysis. <i>Biogeosciences</i> , 2019, 16, 2131-2146.	1.3	14
1595	How deforestation drives stream habitat changes and the functional structure of fish assemblages in different tropical regions. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 1238-1252.	0.9	31
1596	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
1597	Examining the influence of human stressors on benthic algae, macroinvertebrate, and fish assemblages in Mediterranean streams of Chile. <i>Science of the Total Environment</i> , 2019, 686, 26-37.	3.9	32
1598	Water quality parameter as a predictor of small watershed land cover. <i>Ecological Indicators</i> , 2019, 106, 105462.	2.6	16
1599	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
1600	The impacts of agriculture on macroinvertebrate communities: From structural changes to functional changes in Asia's cold region streams. <i>Science of the Total Environment</i> , 2019, 676, 155-164.	3.9	26
1601	Are drivers of microbial diatom distributions context dependent in humanâ€impacted and pristine environments?. <i>Ecological Applications</i> , 2019, 29, e01917.	1.8	5
1602	Longâ€Term Change of Fish Communities in a Polluted Watershed: Does Cleaner Water â€Actâ€on Fishes?. <i>Transactions of the American Fisheries Society</i> , 2019, 148, 191-206.	0.6	9
1603	Synergistic Effects of Climate and Land-Cover Change on Long-Term Bird Population Trends of the Western USA: A Test of Modeled Predictions. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	22
1604	Recycling and Treatment of Water Under Urban Intensification. <i>Applied Environmental Science and Engineering for A Sustainable Future</i> , 2019, , 103-117.	0.2	0
1605	The effect of urbanization on freshwater macroinvertebrates â€ Knowledge gaps and future research directions. <i>Ecological Indicators</i> , 2019, 104, 357-364.	2.6	61
1606	Distribution of benthic macroinvertebrate communities and assessment of water quality in a small UK river catchment. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	5
1607	Long-term fish assemblages of the Ohio River: Altered trophic and life history strategies with hydrologic alterations and land use modifications. <i>PLoS ONE</i> , 2019, 14, e0211848.	1.1	11
1608	Response of Water Chemistry to Long-Term Human Activities in the Nested Catchments System of Subtropical Northeast India. <i>Water (Switzerland)</i> , 2019, 11, 988.	1.2	1
1609	The Importance of Ecological Networks in Multiple-Stressor Research and Management. <i>Frontiers in Environmental Science</i> , 2019, 7, .	1.5	39
1610	Beta diversity of stream fish communities along anthropogenic environmental gradients at multiple spatial scales. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 288.	1.3	15

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1611	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
1612	Using alpha, beta, and zeta diversity in describing the health of stream-based benthic macroinvertebrate communities. <i>Ecological Applications</i> , 2019, 29, e01896.	1.8	23
1613	Sign, strength and shape of stream fish-based metric responses to geo-climatic and human pressure gradients. <i>Ecological Indicators</i> , 2019, 104, 86-95.	2.6	7
1614	Defining a new autoecological trait matrix for French stream benthic diatoms. <i>Ecological Indicators</i> , 2019, 103, 650-658.	2.6	25
1615	Patterns and drivers of stream benthic macroinvertebrate beta diversity in an agricultural landscape. <i>Hydrobiologia</i> , 2019, 837, 61-75.	1.0	16
1616	A habitat risk assessment and breeding site projection for Slackwater darter (<i>Etheostoma boschungii</i>) (Percidae) in Alabama and Tennessee USA. <i>Environmental Biology of Fishes</i> , 2019, 102, 685-703.	0.4	1
1617	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
1618	Distinctive macroinvertebrate communities in a subtropical river network. <i>Journal of Freshwater Ecology</i> , 2019, 34, 135-150.	0.5	3
1619	The significance of refuge heterogeneity for lowland stream caddisfly larvae to escape from drift. <i>Scientific Reports</i> , 2019, 9, 2140.	1.6	5
1620	The prevalence of nonlinearity and detection of ecological breakpoints across a land use gradient in streams. <i>Scientific Reports</i> , 2019, 9, 3878.	1.6	20
1621	Threshold Responses in the Taxonomic and Functional Structure of Fish Assemblages to Land Use and Water Quality: A Case Study from the Taizi River. <i>Water (Switzerland)</i> , 2019, 11, 661.	1.2	11
1622	Comparing the functional recognition of aesthetics, hydrology, and quality in urban stream restoration through the framework of environmental perception. <i>River Research and Applications</i> , 2019, 35, 543-552.	0.7	11
1623	Wetlands and development influence fish diversity in a species-rich small river. <i>Environmental Biology of Fishes</i> , 2019, 102, 873-886.	0.4	1
1624	Occupancy dynamics of semi-aquatic herbivores in riparian systems in Illinois, USA. <i>Ecosphere</i> , 2019, 10, e02614.	1.0	6
1625	Demand for Stream Mitigation in Colorado, USA. <i>Water (Switzerland)</i> , 2019, 11, 174.	1.2	4
1626	In-stream microhabitat mosaic depicts the success of mitigation measures and controls the Ecological Potential of benthic communities in heavily modified rivers. <i>Science of the Total Environment</i> , 2019, 673, 489-501.	3.9	6
1627	Local habitat features explain the distribution of the imperiled grass pickerel (<i>Esox americanus</i>) in the Overlock 10 Tf 50 100	0.4	5
1628	Increased population size of fish in a lowland river following restoration of structural habitat. <i>Ecological Applications</i> , 2019, 29, e01882.	1.8	24

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1629	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
1630	Environmental degradation and opportunities for riparian rehabilitation in a highly urbanized watershed: the Matanza-Riachuelo in Buenos Aires, Argentina. <i>Wetlands Ecology and Management</i> , 2019, 27, 243-256.	0.7	6
1631	Temporal and spatial dynamics of fish community structure during watershed alteration in two Ouachita River systems. <i>Ecology of Freshwater Fish</i> , 2019, 28, 459-472.	0.7	9
1632	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
1633	Land use alters trophic redundancy and resource flow through stream food webs. <i>Journal of Animal Ecology</i> , 2019, 88, 677-689.	1.3	40
1634	Land use effects in riverscapes: Diversity and environmental drivers of stream fish communities in protected, agricultural and urban landscapes. <i>Ecological Indicators</i> , 2019, 101, 742-748.	2.6	34
1635	Mercury bioaccumulation in stream food webs of the Finger Lakes in central New York State, USA. <i>Ecotoxicology and Environmental Safety</i> , 2019, 172, 265-272.	2.9	17
1636	Zarqa River pollution: impact on its quality. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 166.	1.3	8
1637	Multiple stressors and the role of hydrology on benthic invertebrates in mountainous streams. <i>Science of the Total Environment</i> , 2019, 663, 841-851.	3.9	18
1638	Using a water quality index to assess the water quality of the upper and middle streams of the Luanhe River, northern China. <i>Science of the Total Environment</i> , 2019, 667, 142-151.	3.9	122
1639	Environmental Thresholds of Nepomorpha in Cerrado Streams, Brazilian Savannah. <i>Neotropical Entomology</i> , 2019, 48, 186-196.	0.5	13
1640	The influence of sand extraction on fish assemblages in campinarana streams in Cruzeiro do Sul AC, Brazil. <i>Biotemas</i> , 2019, 32, 73-85.	0.2	1
1641	Inconsistent Relationships of Primary Consumer N Stable Isotope Values to Gradients of Sheep/Beef Farming Intensity and Flow Reduction in Streams. <i>Water (Switzerland)</i> , 2019, 11, 2239.	1.2	3
1642	Long-term changes of water physicochemical conditions and benthic microbial processes in a small lake associated with land use in the catchment. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2019, , 47.	0.5	2
1643	Web-based geospatial platform for the analysis and forecasting of sedimentation at culverts. <i>Journal of Hydroinformatics</i> , 2019, 21, 1064-1081.	1.1	14
1644	An assessment of the freshwater natural capital in KwaZulu-Natal for conservation planning. <i>Water S A</i> , 2019, 33, .	0.2	7
1645	Measuring Streambank Erosion: A Comparison of Erosion Pins, Total Station, and Terrestrial Laser Scanner. <i>Water (Switzerland)</i> , 2019, 11, 1846.	1.2	23
1646	The Influence of Riparian Corridor Land Use on the Pesquer�a River's Macroinvertebrate Community (N.E. Mexico). <i>Water (Switzerland)</i> , 2019, 11, 1930.	1.2	9

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1647	Using co-occurrence network topology in assessing ecological stress in benthic macroinvertebrate communities. <i>Ecology and Evolution</i> , 2019, 9, 12789-12801.	0.8	2
1648	Floodplain land cover affects biomass distribution of fish functional diversity in the Amazon River. <i>Scientific Reports</i> , 2019, 9, 16684.	1.6	34
1649	Assessing potential anthropogenic drivers of ecological health in Piedmont streams through hierarchical modeling. <i>Freshwater Science</i> , 2019, 38, 771-789.	0.9	7
1650	Accounting for non-native Brown Trout in biological assessments: Implications for selecting reference conditions. <i>Freshwater Science</i> , 2019, 38, 790-801.	0.9	4
1651	Linking Land Use Metrics Measured in Aquatic-Terrestrial Interfaces to Water Quality of Reservoir-Based Water Sources in Eastern China. <i>Sustainability</i> , 2019, 11, 4860.	1.6	7
1652	Riparian forests mitigate harmful ecological effects of agricultural diffuse pollution in medium-sized streams. <i>Science of the Total Environment</i> , 2019, 649, 495-503.	3.9	45
1653	<i>In situ</i> measurements of fine sediment infiltration (FSI) in gravel-bed rivers with a hydropeaking flow regime. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 433-448.	1.2	32
1654	Water Scarcity as a Driver of Multiple Stressor Effects. , 2019, , 111-129.		28
1655	Multiple Stressors and Hydromorphological Degradation. , 2019, , 65-79.		10
1656	Watershed-level brook trout genetic structuring: Evaluation and application of riverscape genetics models. <i>Freshwater Biology</i> , 2019, 64, 405-420.	1.2	9
1657	Effectiveness of catchment erosion protection measures and scale-dependent response of stream biota. <i>Hydrobiologia</i> , 2019, 830, 77-92.	1.0	31
1658	Radioisotope and stable isotope ratios ($\delta^{14}\text{C}$, $\delta^{15}\text{N}$) suggest larval lamprey growth is dependent on both fresh and aged organic matter in streams. <i>Ecology of Freshwater Fish</i> , 2019, 28, 365-375.	0.7	11
1659	Remaining populations of an upland stream fish persist in refugia defined by habitat features at multiple scales. <i>Diversity and Distributions</i> , 2019, 25, 385-399.	1.9	6
1660	Effects of instream processes, discharge, and land cover on nitrogen export from southern Appalachian Mountain catchments. <i>Hydrological Processes</i> , 2019, 33, 283-304.	1.1	10
1661	Revising the index of watershed integrity national maps. <i>Science of the Total Environment</i> , 2019, 651, 2615-2630.	3.9	13
1662	Spatial and temporal changes in species composition of submersed aquatic vegetation reveal effects of river restoration. <i>Restoration Ecology</i> , 2019, 27, 672-682.	1.4	11
1663	Rivervis: A tool for visualising river ecosystems. <i>Computers and Geosciences</i> , 2019, 123, 59-64.	2.0	3
1664	Assessing land use and land cover influence on surface water quality using a parametric weighted distance function. <i>Limnologica</i> , 2019, 74, 28-37.	0.7	21

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1665	Periphytic algae decouple fungal activity from leaf litter decomposition via negative priming. <i>Functional Ecology</i> , 2019, 33, 188-201.	1.7	50
1666	Tracing the scientific trajectory of riparian vegetation studies: Main topics, approaches and needs in a globally changing world. <i>Science of the Total Environment</i> , 2019, 653, 1168-1185.	3.9	83
1667	Development and application of GIS-based assessment of land-use impacts on water quality: A case study of the Kharaa River Basin. <i>Ambio</i> , 2019, 48, 1154-1168.	2.8	19
1668	Exploring variability in environmental impact risk from human activities across aquatic ecosystems. <i>Science of the Total Environment</i> , 2019, 652, 1396-1408.	3.9	93
1669	Simulating rewetting events in intermittent rivers and ephemeral streams: A global analysis of leached nutrients and organic matter. <i>Global Change Biology</i> , 2019, 25, 1591-1611.	4.2	71
1670	Taxonomic, functional, and phylogenetic diversity patterns of stream fish assemblages in tropical agroecosystems. <i>Freshwater Biology</i> , 2019, 64, 447-460.	1.2	49
1671	Quantifying relationships between urban land use and flow frequency of small Missouri streams. <i>Science of the Total Environment</i> , 2019, 659, 1008-1015.	3.9	5
1672	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
1673	Importance of scale, land use, and stream network properties for riparian plant communities along an urban gradient. <i>Freshwater Biology</i> , 2019, 64, 587-600.	1.2	9
1674	Hydrologic, geomorphic, and stratigraphic controls on suspended sediment transport dynamics, Big Harris Creek restoration site, North Carolina, USA. <i>Anthropocene</i> , 2019, 25, 100188.	1.6	4
1675	Trophic structure of fish assemblages varies across a Mesoamerican river network with contrasting climate and flow conditions. <i>Food Webs</i> , 2019, 18, e00113.	0.5	14
1676	Controls of the spatial variability of denitrification potential in nontidal floodplains of the Chesapeake Bay watershed, USA. <i>Geoderma</i> , 2019, 338, 14-29.	2.3	15
1677	Effects of the invasive duckweed <i>Lemna minuta</i> on aquatic animals: evidence from an indoor experiment. <i>Plant Biosystems</i> , 2019, 153, 749-755.	0.8	18
1678	Research priorities for freshwater mussel conservation assessment. <i>Biological Conservation</i> , 2019, 231, 77-87.	1.9	156
1679	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
1680	Riparian buffers in tropical agriculture: Scientific support, effectiveness and directions for policy. <i>Journal of Applied Ecology</i> , 2019, 56, 85-92.	1.9	100
1681	Impact of catchment land use on fish community composition in the headwater areas of Elbe, Danube and Main. <i>Science of the Total Environment</i> , 2019, 652, 66-74.	3.9	45
1682	From stream to land: Ecosystem services provided by stream insects to agriculture. <i>Agriculture, Ecosystems and Environment</i> , 2019, 270-271, 32-40.	2.5	38

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1683	Modelling the effects of multiple stressors on respiration and microbial biomass in the hyporheic zone using decision trees. <i>Water Research</i> , 2019, 149, 9-20.	5.3	18
1684	Land cover, riparian zones and instream habitat influence stream fish assemblages in the eastern Amazon. <i>Ecology of Freshwater Fish</i> , 2019, 28, 317-329.	0.7	49
1685	Applicability of the "Watershed Habitat Evaluation and Stream Integrity Protocol"™ (WHEBIP) in assessment of the stream integrity in Bregalnica River Basin. <i>International Journal of River Basin Management</i> , 2019, 17, 209-218.	1.5	1
1686	Evaluation of the influences of dam release types, land use, and habitat affecting abundance, richness, diversity, and community structure of larval and juvenile fish. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2019, 76, 1388-1397.	0.7	6
1687	The River Network Toolkit "RivTool". <i>Ecography</i> , 2019, 42, 549-557.	2.1	16
1688	Linking the Agricultural Landscape of the Midwest to Stream Health with Structural Equation Modeling. <i>Environmental Science & Technology</i> , 2019, 53, 452-462.	4.6	56
1689	Relative importance of Conservation Reserve Programs to aquatic insect biodiversity in an agricultural watershed in the Midwest, USA. <i>Hydrobiologia</i> , 2019, 829, 323-340.	1.0	10
1690	The role of riparian vegetation in the evaluation of ecosystem health: The case of semiarid conditions in Northern Mexico. <i>River Research and Applications</i> , 2019, 35, 48-59.	0.7	8
1691	Reassessing the relationship between landscape alteration and aquatic ecosystem degradation from a hydrologically sensitive area perspective. <i>Science of the Total Environment</i> , 2019, 650, 2850-2862.	3.9	17
1692	Estimating the benefits of widespread floodplain reconnection for Columbia River Chinook salmon. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2019, 76, 1212-1226.	0.7	24
1693	Ecological assessment of river networks: From reach to catchment scale. <i>Science of the Total Environment</i> , 2019, 650, 1613-1627.	3.9	44
1694	Land use change and ecosystem services in mountainous watersheds: Predicting the consequences of environmental policies with cellular automata and hydrological modeling. <i>Environmental Modelling and Software</i> , 2019, 122, 103982.	1.9	33
1695	Spatial variation in trophic structure of nearshore fishes in Lake Michigan as it relates to water clarity. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2019, 76, 364-377.	0.7	8
1696	Land-use/cover changes in relation to stream dynamics in a marginal graben along the northern Ethiopian Rift Valley. <i>Physical Geography</i> , 2019, 40, 71-90.	0.6	9
1697	Watershed Buffering of Legacy Phosphorus Pressure at a Regional Scale: A Comparison Across Space and Time. <i>Ecosystems</i> , 2019, 22, 91-109.	1.6	27
1698	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
1699	Nutrient Enrichment in Lake Ecosystem and Its Effects on Algae and Macrophytes. , 2020, , 81-126.		23
1700	Responses of resident (DNA) and active (RNA) microbial communities in fluvial biofilms under different polluted scenarios. <i>Chemosphere</i> , 2020, 242, 125108.	4.2	16

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1701	The interactive effects of climate change and land use on boreal stream fish communities. <i>Science of the Total Environment</i> , 2020, 700, 134518.	3.9	33
1702	Impacts of Land Use and Climate Change on Freshwater Ecosystems in France. <i>Environmental Modeling and Assessment</i> , 2020, 25, 147-172.	1.2	17
1703	Habitat loss, fragmentation, and the genetic status of Roanoke bass. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2020, 77, 375-387.	0.7	2
1704	Stream salamander persistence influenced by the interaction between exurban housing age and development. <i>Urban Ecosystems</i> , 2020, 23, 117-132.	1.1	4
1705	Effects of multiple stressors on the distribution of fish communities in 203 headwater streams of Rhine, Elbe and Danube. <i>Science of the Total Environment</i> , 2020, 703, 134523.	3.9	34
1706	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
1707	Metabolic rates from Bluntnose minnow (<i>Pimephales notatus</i>) populations at lower latitudes are more sensitive to changes in temperature than populations at higher latitudes. <i>Ecology of Freshwater Fish</i> , 2020, 29, 210-219.	0.7	5
1708	Ecological uniqueness of fish communities from streams in modified landscapes of Eastern Amazonia. <i>Ecological Indicators</i> , 2020, 111, 106039.	2.6	32
1709	Effect of reduced grazing pressure on sediment and nutrient yields in savanna rangeland streams draining to the Great Barrier Reef. <i>Journal of Hydrology</i> , 2020, 582, 124520.	2.3	22
1710	Effects of urbanization on water quality in a watershed in northeastern Brazil. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 65.	1.3	28
1711	A Random Forest Approach for Bounded Outcome Variables. <i>Journal of Computational and Graphical Statistics</i> , 2020, 29, 639-658.	0.9	7
1712	Identifying and applying an optimum set of environmental variables in species distribution models. <i>Inland Waters</i> , 2020, 10, 11-28.	1.1	8
1713	Effects of land cover type on community structure and functional traits of alpine stream benthic macroinvertebrates. <i>Freshwater Biology</i> , 2020, 65, 524-539.	1.2	16
1714	The importance of natural versus human factors for ecological conditions of streams and rivers. <i>Science of the Total Environment</i> , 2020, 704, 135268.	3.9	19
1715	Short-term effects of instream habitat restoration on macroinvertebrates and a comparison of sampling approaches. <i>Limnologica</i> , 2020, 80, 125741.	0.7	5
1716	Nutrient loadings and deforestation decrease benthic macroinvertebrate diversity in an urbanised tropical stream system. <i>Limnologica</i> , 2020, 80, 125744.	0.7	15
1717	Potential physical effects of suspended fine sediment on lotic macroinvertebrates. <i>Hydrobiologia</i> , 2020, 847, 697-711.	1.0	17
1718	Local determinants influencing stream water quality. <i>Applied Water Science</i> , 2020, 10, 1.	2.8	81

#	ARTICLE	IF	CITATIONS
1719	Identifying candidate reference reaches to assess the physical and biological integrity of Wadeable streams in different ecoregions and among stream sizes. <i>Ecological Indicators</i> , 2020, 111, 105966.	2.6	9
1720	Assessing the Relative Importance of Factors at Multiple Spatial Scales Affecting Terrestrial and Aquatic Wildlife. <i>Current Landscape Ecology Reports</i> , 2020, 5, 12-24.	1.1	3
1721	Where does land use matter most? Contrasting land use effects on river quality at different spatial scales. <i>Science of the Total Environment</i> , 2020, 715, 134825.	3.9	26
1722	Measures of fish community size structure as indicators for stream monitoring programs. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2020, 77, 824-835.	0.7	6
1723	Variation in Response of Laboratory-Cultured Freshwater Macroinvertebrates to Sediment from Streams with Differential Exposure to Agriculture. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	1.1	1
1724	Habitat preferences and habitat restoration options for small-bodied and juvenile fish species in the northern Murray-Darling Basin. <i>Ecological Management and Restoration</i> , 2020, 21, 51-57.	0.7	3
1725	Multiple stressor effects on alpha, beta and zeta diversity of riverine fish. <i>Science of the Total Environment</i> , 2020, 748, 141407.	3.9	24
1726	The impact of bioengineering techniques for riverbank protection on ecosystem services of riparian zones. <i>Ecological Engineering</i> , 2020, 158, 106040.	1.6	29
1727	Structural and functional assessment of multi-stressed lowland waters. <i>Freshwater Science</i> , 2020, 39, 621-634.	0.9	9
1728	Benthic Diatom Communities in Urban Streams and the Role of Riparian Buffers. <i>Water (Switzerland)</i> , 2020, 12, 2799.	1.2	20
1729	Age-Dependent Smallmouth Bass abundance depends on physicochemical conditions and stream network position. <i>Ecosphere</i> , 2020, 11, e03245.	1.0	4
1730	Landslides in the Andes: Forests can provide cost-effective landslide regulation services. <i>Science of the Total Environment</i> , 2020, 745, 141128.	3.9	32
1731	Habitat Models of Focal Species Can Link Ecology and Decision-Making in Sustainable Forest Management. <i>Forests</i> , 2020, 11, 721.	0.9	11
1732	Stochastic species loss and dispersal limitation drive patterns of spatial and temporal beta diversity of fish assemblages in tropical agroecosystem streams. <i>Hydrobiologia</i> , 2020, 847, 3829-3843.	1.0	14
1733	Spatial and temporal patterns in macronutrient concentrations and stoichiometry of tributaries draining the lower Great Lakes-St. Lawrence basin. <i>Journal of Great Lakes Research</i> , 2020, 46, 989-1000.	0.8	3
1734	Interactive persistent effects of past land cover and its trajectory on tropical freshwater biodiversity. <i>Journal of Applied Ecology</i> , 2020, 57, 2149-2158.	1.9	4
1735	Analytical Protocol to Estimate the Relative Importance of Environmental and Anthropogenic Factors in Influencing Runoff Quality in the Bumbu Watershed, Papua New Guinea. <i>Hydrology</i> , 2020, 7, 77.	1.3	4
1736	Agriculture and Mining Contamination Contribute to a Productivity Gradient Driving Cross-Ecosystem Associations Between Stream Insects and Riparian Arachnids. , 2020, , 61-90.		5

#	ARTICLE	IF	CITATIONS
1737	Do riparian buffer zones and new forest management practices reduce stream suspended sediment loads?: Revisiting the Afon Tanllwyth in Hafren Forest, Plynlimon, 20 years on. <i>Soil Use and Management</i> , 2021, 37, 921-935.	2.6	4
1738	Cropland data fusion and correction using spatial analysis techniques and the Google Earth Engine. <i>GIScience and Remote Sensing</i> , 2020, 57, 1026-1045.	2.4	11
1739	Effects of Polyethylene Microplastics on Freshwater Oligochaeta <i>Allonais inaequalis</i> (Stephenson,) <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i>	1.1	12
1740	Use of ecosystem health indicators for assessing anthropogenic impacts on freshwaters in Argentina: a review. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 611.	1.3	13
1741	Assessing the legacy of land use trajectories on stream fish communities of southern Brazil. <i>Hydrobiologia</i> , 2022, 849, 4431-4446.	1.0	5
1742	Conservation implications of fish-habitat relationships in channelized agricultural headwater streams. <i>Journal of Environmental Quality</i> , 2020, 49, 1585-1598.	1.0	7
1743	Biologia Futura: integrating freshwater ecosystem health in water resources management. <i>Biologia Futura</i> , 2020, 71, 337-358.	0.6	21
1744	Causal Analysis of Accuracy Obtained Using High-Resolution Global Forest Change Data to Identify Forest Loss in Small Forest Plots. <i>Remote Sensing</i> , 2020, 12, 2489.	1.8	9
1745	Importance of local and landscape variables on multiple facets of stream fish biodiversity in a Neotropical agroecosystem. <i>Hydrobiologia</i> , 2020, , 1.	1.0	5
1746	Modeling the uncertainty of potential impacts on Robust Stormwater Management from neighborhood-scale impervious cover change: a case study of population-based scenarios in Pittsburgh, Pennsylvania. <i>Urban Water Journal</i> , 2020, 17, 628-641.	1.0	6
1747	Comment on "Meta-analysis reveals declines in terrestrial but increases in freshwater insect abundances". <i>Science</i> , 2020, 370, .	6.0	41
1748	Incorporating Established Conservation Networks into Freshwater Conservation Planning Results in More Workable Prioritizations. <i>Frontiers in Environmental Science</i> , 2020, 8, .	1.5	2
1749	Evaluation of Genetic Structuring within GIS-Derived Brook Trout Management Units. <i>Transactions of the American Fisheries Society</i> , 2020, 149, 681-694.	0.6	4
1750	Perspectives on the functional assessment of multi-stressed stream ecosystems. <i>Freshwater Science</i> , 2020, 39, 605-620.	0.9	8
1751	Disrupting the Biodiversity-Ecosystem Function Relationship: Response of Shredders and Leaf Breakdown to Urbanization in Andean Streams. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	8
1752	Effects of extreme high flow events on macroinvertebrate communities in Vermont streams. <i>River Research and Applications</i> , 2020, 36, 1891-1902.	0.7	2
1753	Effects of Land Cover and Atmospheric Input on Nutrient Budget in Subtropical Mountainous Rivers, Northeastern Taiwan. <i>Water (Switzerland)</i> , 2020, 12, 2800.	1.2	3
1754	The Structure of Riparian Vegetation in Agricultural Landscapes Influences Spider Communities and Aquatic-Terrestrial Linkages. <i>Water (Switzerland)</i> , 2020, 12, 2855.	1.2	15

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1755	Spatio-Temporal Dynamics of Riverine Nitrogen and Phosphorus at Different Catchment Scales in Huixian Karst Wetland, Southwest China. <i>Water (Switzerland)</i> , 2020, 12, 2924.	1.2	3
1756	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
1757	Facets and scales in river restoration: Nestedness and interdependence of hydrological, geomorphic, ecological, and biogeochemical processes. <i>Journal of Environmental Management</i> , 2020, 265, 110288.	3.8	46
1758	Spatial variations in and environmental significance of nitrogen forms in river sediments from two different watersheds in eastern China. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 351.	1.3	1
1759	The joint effect of natural and human-induced environmental factors on surface water quality in the Birim North District of Ghana. <i>Water Practice and Technology</i> , 2020, 15, 605-618.	1.0	0
1760	Granular measures of agricultural land use influence lake nitrogen and phosphorus differently at macroscales. <i>Ecological Applications</i> , 2020, 30, e02187.	1.8	8
1761	Drought Sensitivity and Trends of Riparian Vegetation Vigor in Nevada, USA (1985–2018). <i>Remote Sensing</i> , 2020, 12, 1362.	1.8	23
1762	The habitat integrity index and aquatic insect communities in tropical streams: A meta-analysis. <i>Ecological Indicators</i> , 2020, 116, 106495.	2.6	40
1763	Effects of climate and land-use changes on fish catches across lakes at a global scale. <i>Nature Communications</i> , 2020, 11, 2526.	5.8	28
1764	Analysis of channel bank erosion rate using exposed roots of trees: a case study of lavij stream, northern Alborz Mountains, Iran. <i>Journal of Mountain Science</i> , 2020, 17, 1096-1105.	0.8	2
1765	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
1766	Land Use Effects on Sediment Nutrient Processes in a Heavily Modified Watershed Using Structural Equation Models. <i>Water Resources Research</i> , 2020, 56, e2019WR026655.	1.7	11
1767	Effects of land-cover transitions on emerging aquatic insects and environmental characteristics of headwater streams in an agricultural catchment. <i>River Research and Applications</i> , 2020, 36, 1097-1108.	0.7	4
1768	Stable isotopes reveal trophic linkages among fish species utilizing the Orange River Estuary Continuum. <i>Food Webs</i> , 2020, 24, e00145.	0.5	0
1769	Coupled fish-hydrogeomorphic responses to urbanization in streams of Columbus, Ohio, USA. <i>PLoS ONE</i> , 2020, 15, e0234303.	1.1	9
1770	Quantifying climate, streamflow, and watershed control on water quality across Southeastern US watersheds. <i>Science of the Total Environment</i> , 2020, 739, 139945.	3.9	26
1771	Adaptive Variations of Sediment Microbial Communities and Indication of Fecal-Associated Bacteria to Nutrients in a Regulated Urban River. <i>Water (Switzerland)</i> , 2020, 12, 1344.	1.2	6
1772	Effects of land use on streams: traditional and functional analyses of benthic diatoms. <i>Hydrobiologia</i> , 2020, 847, 2933-2946.	1.0	12

#	ARTICLE	IF	CITATIONS
1773	Threshold responses of riverine fish communities to land use conversion across regions of the world. <i>Global Change Biology</i> , 2020, 26, 4952-4965.	4.2	53
1774	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
1775	Spatially Varying and Scale-Dependent Relationships of Land Use Types with Stream Water Quality. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1673.	1.2	13
1776	Contaminant Subsidies to Riparian Food Webs in Appalachian Streams Impacted by Mountaintop Removal Coal Mining. <i>Environmental Science & Technology</i> , 2020, 54, 3951-3959.	4.6	28
1777	Freshwater ecoacoustics: Listening to the ecological status of multi-stressed lowland waters. <i>Ecological Indicators</i> , 2020, 113, 106252.	2.6	9
1778	Beaver effects on macroinvertebrate assemblages in two streams with contrasting morphology. <i>Science of the Total Environment</i> , 2020, 722, 137899.	3.9	10
1779	An Estimated Structural Equation Model to Assess the Effects of Land Use on Water Quality and Benthic Macroinvertebrates in Streams of the Nam-Han River System, South Korea. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2116.	1.2	11
1780	Fragmentation alters ecological gradients and headwater fish assemblage composition relative to land use in a dendritic river system. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2020, 77, 1281-1291.	0.7	6
1781	Evaluating the Effects of Pressure Indicators on Riparian Zone Health Conditions in the Three Gorges Dam Reservoir, China. <i>Forests</i> , 2020, 11, 214.	0.9	17
1782	Disentangling the Effects of Multiple Stressors on Large Rivers Using Benthic Invertebrates—A Study of Southeastern European Large Rivers with Implications for Management. <i>Water (Switzerland)</i> , 2020, 12, 621.	1.2	11
1783	Use of Multiple Temperature Logger Models Can Alter Conclusions. <i>Water (Switzerland)</i> , 2020, 12, 668.	1.2	3
1784	<i>Microcoleus autumnalis</i> and filamentous algae-dominated mats and chlorophyll-a increase with agricultural land use but respond differently to associated nutrient and sediment enrichment. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2020, 54, 449-466.	0.8	3
1785	Evaluating surface water quality using water quality index in Beiyun River, China. <i>Environmental Science and Pollution Research</i> , 2020, 27, 35449-35458.	2.7	42
1786	Impact of Rice Intensification and Urbanization on Surface Water Quality in An Giang Using a Statistical Approach. <i>Water (Switzerland)</i> , 2020, 12, 1710.	1.2	20
1787	Spatial and seasonal dynamics of water physical-chemical parameters in rivers and lakes of an Argentinian Patagonia basin. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	1.3	3
1788	Prioritizing river basins for intensive monitoring and assessment by the US Geological Survey. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 458.	1.3	6
1789	Litter decomposition in Afrotropical streams: Effects of land use, home-field advantage, and terrestrial herbivory. <i>Freshwater Science</i> , 2020, 39, 497-507.	0.9	13
1790	Evaluating ecosystem functioning following river restoration: the role of hydromorphology, bacteria, and macroinvertebrates. <i>Science of the Total Environment</i> , 2020, 743, 140583.	3.9	19

#	ARTICLE	IF	CITATIONS
1791	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
1792	C:N:P stoichiometry and nutrient limitation of stream biofilms impacted by grassland degradation on the Qinghai-Tibet Plateau. <i>Biogeochemistry</i> , 2020, 150, 31-44.	1.7	8
1793	Multiple stressors and stream macroinvertebrate community dynamics: Interactions between fine sediment grain size and flow velocity. <i>Science of the Total Environment</i> , 2020, 717, 137070.	3.9	18
1794	Responses of water quality to land use in riparian buffers: a case study of Huangpu River, China. <i>Geo Journal</i> , 2021, 86, 1657-1669.	1.7	16
1795	Assessment of flow-ecology relationships for environmental flow standards: a synthesis focused on the southeast USA. <i>Hydrological Sciences Journal</i> , 2020, 65, 571-582.	1.2	11
1796	Contrasting the Effect of Forest Landscape Condition to the Resilience of Species Diversity in a Human Modified Landscape: Implications for the Conservation of Tree Species. <i>Land</i> , 2020, 9, 4.	1.2	6
1797	Factors affecting the persistence of endangered Ganges River dolphins (<i>Platanista gangetica</i>). <i>Overlook</i> , 2020, 10, 24.	0.8	24
1798	The key role of increased fine sediment loading in shaping macroinvertebrate communities along a multiple stressor gradient in a Eurasian steppe river (Kharaa River, Mongolia). <i>International Review of Hydrobiology</i> , 2020, 105, 5-19.	0.5	8
1799	Is limnology becoming increasingly abiotic, riverine, and global?. <i>Limnology and Oceanography Letters</i> , 2020, 5, 204-211.	1.6	4
1800	The relation of lotic fish and benthic macroinvertebrate condition indices to environmental factors across the conterminous USA. <i>Ecological Indicators</i> , 2020, 112, 105958.	2.6	57
1801	The life history of the Ibero-Maghrebian endemic <i>Oligoneuriopsis skhounate</i> Dakki and Guidicelli (Ephemeroptera: Oligoneuriidae). <i>Limnologica</i> , 2020, 81, 125761.	0.7	11
1802	Community size can affect the signals of ecological drift and niche selection on biodiversity. <i>Ecology</i> , 2020, 101, e03014.	1.5	50
1803	A Waterbody Typology Derived from Catchment Controls Using Self-Organising Maps. <i>Water (Switzerland)</i> , 2020, 12, 78.	1.2	6
1804	Aquatic insects and their environmental predictors: a scientometric study focused on environmental monitoring in lotic environmental. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 194.	1.3	32
1805	Intensive agriculture alters the biomass size spectrum and body-mass of benthic insects: Evidence from a reciprocal transfer experiment. <i>Hydrobiologia</i> , 2020, 847, 1221-1235.	1.0	2
1806	Putting space into modeling landscape and water quality relationships in the Han River basin, South Korea. <i>Computers, Environment and Urban Systems</i> , 2020, 81, 101461.	3.3	6
1807	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
1808	Influence of Local Variables and Landscape Metrics on Gerromorpha (Insecta: Heteroptera) Assemblages in Savanna Streams, Brazil. <i>Neotropical Entomology</i> , 2020, 49, 191-202.	0.5	17

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1809	Longitudinal distribution of uncommon fishes in a species-rich basin. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 577-585.	0.9	3
1810	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
1811	The effects of ecoregions and local environmental characteristics on spatial patterns in boreal riverine fish assemblages. <i>Ecology of Freshwater Fish</i> , 2020, 29, 739-751.	0.7	7
1812	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
1813	Influence of Cascading River-Lake Systems on the Dynamics of Nutrient Circulation in Catchment Areas. <i>Water (Switzerland)</i> , 2020, 12, 1144.	1.2	15
1814	A Fish-Based Index of Biotic Integrity for Neotropical Rainforest Sandy Soil Streams—Southern Brazil. <i>Water (Switzerland)</i> , 2020, 12, 1215.	1.2	10
1815	The Influence of Forests on Freshwater Fish in the Tropics: A Systematic Review. <i>BioScience</i> , 2020, 70, 404-414.	2.2	30
1816	Multi-model assessment of hydrological and environmental impacts on streambed microbes in Mediterranean catchments. <i>Environmental Microbiology</i> , 2020, 22, 2213-2229.	1.8	11
1817	Multiple Stressors Determine Community Structure and Estimated Function of River Biofilm Bacteria. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	16
1818	Correlation Studies between Land Cover Change and Baidu Index: A Case Study of Hubei Province. <i>ISPRS International Journal of Geo-Information</i> , 2020, 9, 232.	1.4	5
1819	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
1820	Benthic invertebrate communities structure in headwater streams with different states of the riparian vegetation conservation. <i>Community Ecology</i> , 2020, 21, 43-53.	0.5	3
1821	Climate change and spatial distribution shaped the life-history traits of schizothoracine fishes on the Tibetan Plateau and its adjacent areas. <i>Global Ecology and Conservation</i> , 2020, 22, e01041.	1.0	5
1822	Choice of field and laboratory methods affects the detection of anthropogenic disturbances using stream macroinvertebrate assemblages. <i>Ecological Indicators</i> , 2020, 115, 106382.	2.6	26
1823	Relationships in ecological health between connected stream and estuary ecosystems. <i>Ecological Indicators</i> , 2020, 115, 106374.	2.6	5
1824	Mapping increases in hyporheic exchange from channel-spanning logjams. <i>Journal of Hydrology</i> , 2020, 587, 124931.	2.3	26
1825	Land use and climate variability amplifies watershed nitrogen exports in coastal China. <i>Ocean and Coastal Management</i> , 2021, 207, 104428.	2.0	29
1826	The effect of land use change on surface water quality under the wet and dry years in a semi-arid catchment (case study: the Godarkhosh catchment). <i>Environment, Development and Sustainability</i> , 2021, 23, 5371-5385.	2.7	4

#	ARTICLE	IF	CITATIONS
1827	Key environmental drivers structuring stonefly assemblages in the mid-sized streams on the southern slope of the Western Carpathians. <i>Ecohydrology and Hydrobiology</i> , 2021, 21, 164-176.	1.0	1
1828	Watershed and streambank erosion modeling in a coldwater stream using the GWLF-E model: application and evaluation. <i>Modeling Earth Systems and Environment</i> , 2021, 7, 1551-1564.	1.9	1
1829	Damn those damn dams: Fluvial longitudinal connectivity impairment for European diadromous fish throughout the 20th century. <i>Science of the Total Environment</i> , 2021, 761, 143293.	3.9	32
1830	Riparian buffers act as microclimatic refugia in oil palm landscapes. <i>Journal of Applied Ecology</i> , 2021, 58, 431-442.	1.9	27
1831	Fine sediment and flow velocity impact bacterial community and functional profile more than nutrient enrichment. <i>Ecological Applications</i> , 2021, 31, e02212.	1.8	8
1832	Conserving stream fishes with changing climate: Assessing fish responses to changes in habitat over a large region. <i>Science of the Total Environment</i> , 2021, 755, 142503.	3.9	12
1833	Landscape changes and their hydrologic effects: Interactions and feedbacks across scales. <i>Earth-Science Reviews</i> , 2021, 212, 103466.	4.0	27
1834	Agricultural layering explains variation in sediment P dynamics in streams draining two distinct agricultural biomes. <i>Aquatic Sciences</i> , 2021, 83, 1.	0.6	4
1835	Beta diversity of stream insects differs between boreal and subtropical regions, but land use does not generally cause biotic homogenization. <i>Freshwater Science</i> , 2021, 40, 53-64.	0.9	20
1836	Combined effects of agrochemical contamination and forest loss on anuran diversity in agroecosystems of east-central Argentina. <i>Science of the Total Environment</i> , 2021, 759, 143435.	3.9	13
1837	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
1838	Crayfish tissue metabolomes effectively distinguish impacts of wastewater and agriculture in aquatic ecosystems. <i>Science of the Total Environment</i> , 2021, 760, 143322.	3.9	15
1839	Influence of landscape mosaic structure on nitrate and phosphate discharges: An island-wide assessment in subtropical mountainous Taiwan. <i>Landscape and Urban Planning</i> , 2021, 207, 104017.	3.4	12
1840	Habitat integrity drives Odonata diversity in Eucalyptus-dominated landscape. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 12.	1.3	5
1841	Influence of landscape structures on river water quality at multiple spatial scales: A case study of the Yuan river watershed, China. <i>Ecological Indicators</i> , 2021, 121, 107226.	2.6	34
1842	Trait-environment relationships could alter the spatial and temporal characteristics of aquatic insect subsidies at the macroscale. <i>Ecography</i> , 2021, 44, 391-402.	2.1	4
1843	Applying cumulative effects to strategically advance large-scale ecosystem restoration. <i>Frontiers in Ecology and the Environment</i> , 2021, 19, 108-117.	1.9	30
1844	Impact of land uses, drought, flood, wildfire, and cascading events on water quality and microbial communities: A review and analysis. <i>Journal of Hydrology</i> , 2021, 596, 125707.	2.3	70

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1845	Toxicogenetic effects on fish species in two sub-basins of the upper Paraguay river, Southern Pantanal "Brazil. <i>Chemosphere</i> , 2021, 264, 128383.	4.2	6
1846	Incorporating Network Connectivity into Stream Classification Frameworks. <i>Environmental Management</i> , 2021, 67, 291-307.	1.2	8
1847	Streamflow. , 2021, , 19-44.		0
1848	Transplanting macrophytes as a rehabilitation technique for lowland streams and their influence on macroinvertebrate assemblages. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021, 93, e20191029.	0.3	7
1849	Effect of Climate Changes on the Freshwater Biodiversity in the Mesopotamian Plain: Recommendations for Avoidance and Plans for the Future. , 2021, , 499-513.		0
1850	Managing riparian zones for river health improvement: an integrated approach. <i>Landscape and Ecological Engineering</i> , 2021, 17, 195-223.	0.7	42
1851	Functional responses of stream fish communities to rural and urban land uses. <i>Neotropical Ichthyology</i> , 2021, 19, .	0.5	4
1852	Prioritizing conservation actions in urbanizing landscapes. <i>Scientific Reports</i> , 2021, 11, 818.	1.6	8
1854	The characteristics of ammonia nitrogen in the Xiang River in Changsha, China. <i>E3S Web of Conferences</i> , 2021, 233, 01134.	0.2	0
1855	Specific indicator invertebrates of urbanized habitats in tributary streams of the Luján River basin (Buenos Aires, Argentina). <i>Annales De Limnologie</i> , 2021, 57, 12.	0.6	1
1856	Freshwater Biomonitoring: An Ecosystem-Based Approach (EbA) for Building Climate Resilience Communities in Fiji. <i>Disaster and Risk Research: GADRI Book Series</i> , 2021, , 483-500.	0.1	0
1857	Elevation and land use as drivers of macroinvertebrate functional composition in Afromontane headwater streams. <i>Marine and Freshwater Research</i> , 2021, 72, 1517-1532.	0.7	6
1858	Hidrogeografía de una cuenca de usos múltiples ubicada en la cordillera de la Costa, Venezuela. <i>Cuadernos De Geografía: Revista Colombiana De Geografía</i> , 2021, 30, 217-238.	0.1	0
1859	Eco-restoration of Rivers. , 2021, , 655-746.		0
1860	Methodologies for the Assessment of River Ecosystem in Southern West Bengal, India. , 2021, , 747-855.		5
1861	Effect of land-use types on the ecomorphological structure of fish assemblage in distinct mesohabitats of neotropical streams. <i>Biota Neotropica</i> , 2021, 21, .	0.2	2
1862	Causes and Consequences of Changes in Riparian Vegetation for Plant Litter Decomposition Throughout River Networks. , 2021, , 273-296.		3
1863	Trophic ecology of the Neotropical tolerant fish <i>Corydoras paleatus</i> under the influence of contrasting environmental conditions in a prairie stream. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021, 93, e20200981.	0.3	0

#	ARTICLE	IF	CITATIONS
1864	Spatial distribution patterns of benthic macroinvertebrate functional feeding groups in two rivers of the olifants river system, South Africa. <i>Journal of Freshwater Ecology</i> , 2021, 36, 97-109.	0.5	7
1865	Downstream Changes in Odonate (Insecta: Odonata) Communities along a Suburban to Urban Gradient: Untangling Natural and Anthropogenic Effects. <i>Insects</i> , 2021, 12, 201.	1.0	4
1866	Riparian forests can mitigate warming and ecological degradation of agricultural headwater streams. <i>Freshwater Biology</i> , 2021, 66, 785-798.	1.2	33
1867	A Review of the Impacts and Opportunities for African Urban Dragonflies. <i>Insects</i> , 2021, 12, 190.	1.0	11
1868	The anthropic gradient determines the taxonomic diversity of aquatic insects in Amazonian streams. <i>Hydrobiologia</i> , 2021, 848, 1073-1085.	1.0	17
1869	Environmental and spatial factors affecting surface water quality in a Himalayan watershed, Central Nepal. <i>Environmental and Sustainability Indicators</i> , 2021, 9, 100096.	1.7	11
1870	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
1871	Artificial Light at Night Alters the Physiology and Behavior of Western Mosquitofish (<i>Gambusia</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 14	1.1	14
1872	Ecosystem metabolism in tropical streams and rivers: a review and synthesis. <i>Limnology and Oceanography</i> , 2021, 66, 1627-1638.	1.6	9
1873	Toward Best Management Practices for Ecological Corridors. <i>Land</i> , 2021, 10, 140.	1.2	23
1874	Riverscape nesting dynamics of Neosho Smallmouth Bass: To cluster or not to cluster?. <i>Diversity and Distributions</i> , 2021, 27, 1005-1018.	1.9	6
1875	Influence of Intensive Agriculture on Benthic Macroinvertebrate Assemblages and Water Quality in the Aconcagua River Basin (Central Chile). <i>Water (Switzerland)</i> , 2021, 13, 492.	1.2	13
1876	The influence of the environment in the incorporation of copper and cadmium in scraper insects. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 215.	1.3	7
1877	How Flood Hazard Maps Improve the Understanding of Ecologically Active Floodplains. <i>Water (Switzerland)</i> , 2021, 13, 937.	1.2	2
1878	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
1879	Land clearing in south-eastern Australia: Drivers, policy effects and implications for the future. <i>Land Use Policy</i> , 2021, 102, 105243.	2.5	8
1880	Forested Riparian Zones Provide Important Habitat for Fish in Urban Streams. <i>Water (Switzerland)</i> , 2021, 13, 877.	1.2	9
1881	Spatial scale effects of landscape metrics on stream water quality and their seasonal changes. <i>Water Research</i> , 2021, 191, 116811.	5.3	98

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1882	The species-area relationship for a highly fragmented temperate river system. <i>Ecosphere</i> , 2021, 12, e03411.	1.0	4
1883	The Zygoptera/Anisoptera ratio as a tool to assess anthropogenic changes in Atlantic Forest streams. <i>Biodiversity and Conservation</i> , 2021, 30, 1315-1329.	1.2	11
1884	Biological Water Quality Indices Performance Based on Aquatic Insects in Recreational Rivers. <i>Tropical Life Sciences Research</i> , 2021, 32, 89-103.	0.5	0
1885	Evaluation of Social Values for Ecosystem Services in Urban Riverfront Space Based on the SolVES Model: A Case Study of the Fenghe River, Xi'an, China. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2765.	1.2	19
1886	Ecological niche modeling as an effective tool to predict the distribution of freshwater organisms: The case of the Sabaleta <i>Brycon henni</i> (Eigenmann, 1913). <i>PLoS ONE</i> , 2021, 16, e0247876.	1.1	20
1887	Large-scale prediction of tropical stream water quality using Rough Sets Theory. <i>Ecological Informatics</i> , 2021, 61, 101226.	2.3	10
1888	Setting Priorities in River Management Using Habitat Suitability Models. <i>Water (Switzerland)</i> , 2021, 13, 886.	1.2	2
1889	Integrating Rangeland Health and Stream Stability in Assessments of Rangeland Watersheds. <i>Rangeland Ecology and Management</i> , 2021, 75, 104-111.	1.1	1
1890	Agriculture impacts benthic insects on multiple scales in the Eastern Amazon. <i>Biological Conservation</i> , 2021, 255, 108998.	1.9	8
1891	Remarkable Population Resilience in a North African Endemic Damselfly in the Face of Rapid Agricultural Transformation. <i>Insects</i> , 2021, 12, 353.	1.0	6
1892	Genetic Structure and Diversity of the Endemic Carolina Madtom and Conservation Implications. <i>North American Journal of Fisheries Management</i> , 0, .	0.5	2
1893	Environment Management of Hydropower Development: A Case Study. <i>Energies</i> , 2021, 14, 2029.	1.6	4
1894	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
1895	River-city recreational interaction: A classification of urban riverfront parks and walks. <i>Urban Forestry and Urban Greening</i> , 2021, 59, 127042.	2.3	18
1896	Environmental filtering and spatial processes equally contributed to macroinvertebrate metacommunity dynamics in the highly urbanized river networks in Shenzhen, South China. <i>Ecological Processes</i> , 2021, 10, .	1.6	15
1897	Effects of different types of land-use on taxonomic and functional diversity of benthic macroinvertebrates in a subtropical river network. <i>Environmental Science and Pollution Research</i> , 2021, 28, 44339-44353.	2.7	14
1898	Composición y estructura de los bosques de albardín del delta frontal del río Paraná; Argentina. <i>Revista Mexicana De Biodiversidad</i> , 2021, 92, 923558.	0.4	1
1899	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

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1900	The Rocky Road to Eastern Hellbender (<i>Cryptobranchus a. alleganiensis</i>) Recovery in Ohio: An Evaluation of Habitat in Ohio's Streams. <i>American Midland Naturalist</i> , 2021, 185, .	0.2	3
1901	Benefits, costs, and feasibility of scaling up land conservation for maintaining ecosystem services in the Sebago Lake watershed, Maine, USA. <i>Ecosystem Services</i> , 2021, 48, 101238.	2.3	10
1902	Spatial assemblage and interference competition of introduced Brown Trout (<i>Salmo trutta</i>) in a Himalayan river network: Implications for native fish conservation. <i>Aquatic Ecosystem Health and Management</i> , 2021, 24, 33-42.	0.3	4
1903	Forested Riparian Buffers Change the Taxonomic and Functional Composition of Stream Invertebrate Communities in Agricultural Catchments. <i>Water (Switzerland)</i> , 2021, 13, 1028.	1.2	15
1904	Multiple-Stressor Interactions in Tributaries Alter Downstream Ecosystems in Stream Mesocosm Networks. <i>Water (Switzerland)</i> , 2021, 13, 1194.	1.2	1
1905	Spatial variability in water quality and macroinvertebrate assemblages across a disturbance gradient in the Mara River Basin, Kenya. <i>Ecohydrology and Hydrobiology</i> , 2021, 21, 718-730.	1.0	16
1906	The role of environmental conditions, climatic factors and spatial processes in driving multiple facets of stream macroinvertebrate beta diversity in a climatically heterogeneous mountain region. <i>Ecological Indicators</i> , 2021, 124, 107407.	2.6	25
1907	Rice paddy irrigation seasonally impacts stream benthic macroinvertebrate diversity at the catchment level. <i>Ecosphere</i> , 2021, 12, e03468.	1.0	8
1908	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
1909	The HydroEcoSedimentary tool: An integrated approach to characterise interstitial hydro-sedimentary and associated ecological processes. <i>River Research and Applications</i> , 2021, 37, 988-1002.	0.7	4
1910	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
1911	Impacts of climate change on aquatic insects in temperate alpine regions: Complementary modeling approaches applied to Swiss rivers. <i>Global Change Biology</i> , 2021, 27, 3565-3581.	4.2	11
1912	Major risks to aquatic biotic condition in a Neotropical Savanna River basin. <i>River Research and Applications</i> , 2021, 37, 858-868.	0.7	11
1913	Watershed farmland area and instream water quality co-determine the stream primary producer in the central Hengduan Mountains, southwestern China. <i>Science of the Total Environment</i> , 2021, 770, 145267.	3.9	5
1914	Riparian buffer length is more influential than width on river water quality: A case study in southern Costa Rica. <i>Journal of Environmental Management</i> , 2021, 286, 112132.	3.8	21
1915	Land-use influence on the functional organization of Afrotropical macroinvertebrate assemblages. <i>Limnologica</i> , 2021, 88, 125875.	0.7	23
1916	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
1917	A new biomonitoring method using taxonomic families as substitutes for the suborders of the Odonata (Insecta) in Amazonian streams. <i>Ecological Indicators</i> , 2021, 124, 107388.	2.6	15

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1918	Low-level pharmaceuticals alter stream biofilm structure and function. <i>Chemistry and Ecology</i> , 2021, 37, 616-632.	0.6	3
1919	Nutrient enrichment effects are conditional on upstream nutrient concentrations: Implications for bioassessment in multi-use catchments. <i>Ecological Indicators</i> , 2021, 124, 107440.	2.6	2
1920	Modeling Distribution of Endemic Bartram's Bass <i>Micropterus</i> sp. cf. <i>coosae</i> : Disturbance and Proximity to Invasion Source Increase Hybridization with Invasive Alabama Bass. <i>North American Journal of Fisheries Management</i> , 2021, 41, 1309-1321.	0.5	4
1921	Nonlinearity and threshold effects of landscape pattern on water quality in a rapidly urbanized headwater watershed in China. <i>Ecological Indicators</i> , 2021, 124, 107389.	2.6	25
1922	Land use intensification destabilizes stream microbial biodiversity and decreases metabolic efficiency. <i>Science of the Total Environment</i> , 2021, 767, 145440.	3.9	6
1923	Benthic macroinvertebrates of tropical streams: functional and trophic diversity of the Lacant�n River, Mexico. <i>Limnology</i> , 2021, 22, 313-328.	0.8	7
1924	Integrating Regional Frameworks and Local Variability for Riverine Bioassessment. <i>Environmental Management</i> , 2021, 68, 126-145.	1.2	3
1925	Catchment landscape components alter relationships between discharge and stream water nutrient ratios in the Xitiao River Basin China. <i>Scientific Reports</i> , 2021, 11, 10466.	1.6	4
1926	Analysis and Prediction of Ecosystem Service Values Based on Land Use/Cover Change in the Yiluo River Basin. <i>Sustainability</i> , 2021, 13, 6432.	1.6	21
1927	Spatiotemporal assessment of Sickle Darter (<i>Percina williamsi</i> Page and Near, 2007) distribution in the upper Tennessee River Basin. <i>Journal of Applied Ichthyology</i> , 2021, 37, 706-722.	0.3	1
1928	Riparian land use and in-channel stressors drive fish community structure in the Yangtze River. <i>Landscape Ecology</i> , 2021, 36, 3079-3095.	1.9	19
1929	Gaps, biases, and future directions in research on the impacts of anthropogenic land-use change on aquatic ecosystems: a topic-based bibliometric analysis. <i>Environmental Science and Pollution Research</i> , 2021, 28, 43173-43189.	2.7	1
1930	Relating environmental variables with aquatic community structure in an agricultural/urban coldwater stream. <i>Ecological Processes</i> , 2021, 10, .	1.6	1
1931	Diversity of Macrophytes and Environmental Assessment of the Ljubljanica River (Slovenia). <i>Diversity</i> , 2021, 13, 278.	0.7	9
1932	Watershed-scale landuse is associated with temporal and spatial compositional variation in Lake Michigan tributary bacterial communities. <i>Journal of Great Lakes Research</i> , 2021, 47, 862-874.	0.8	2
1933	Watershed-scale Land Use Change Increases Ecosystem Metabolism in an Agricultural Stream. <i>Ecosystems</i> , 0, , 1.	1.6	2
1934	Riparian Forest Cover Modulates Phosphorus Storage and Nitrogen Cycling in Agricultural Stream Sediments. <i>Environmental Management</i> , 2021, 68, 279-293.	1.2	10
1935	Physicochemical Properties as Driver of Odonata Diversity in Oil Palm Waterways. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	1.0	4

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1936	Land Use Change Influences Ecosystem Function in Headwater Streams of the Lowland Amazon Basin. <i>Water (Switzerland)</i> , 2021, 13, 1667.	1.2	6
1937	Rapid urbanization effects on partial pressure and emission of CO ₂ in three rivers with different urban intensities. <i>Ecological Indicators</i> , 2021, 125, 107515.	2.6	24
1938	Anthropogenic impacts influence the functional traits of Chironomidae (Diptera) assemblages in a neotropical savanna river basin. <i>Aquatic Ecology</i> , 2021, 55, 1081-1095.	0.7	18
1939	Influence of Hydrologic Alteration on Sediment, Dissolved Load and Nutrient Downstream Transfer Continuity in a River: Example Lower Brda River Cascade Dams (Poland). <i>Resources</i> , 2021, 10, 70.	1.6	8
1940	Estimating Floodplain Vegetative Roughness Using Drone-Based Laser Scanning and Structure from Motion Photogrammetry. <i>Remote Sensing</i> , 2021, 13, 2616.	1.8	8
1941	Multiple anthropogenic pressures in Eastern Mediterranean rivers: Insights from fish-based bioassessment in Greece. <i>Ecology and Hydrobiology</i> , 2021, 22, 40-40.	1.0	6
1942	Investigation of environmental and land use impacts in forested permafrost headwaters of the Selenga-Baikal river system, Mongolia - Effects on discharge, water quality and macroinvertebrate diversity. <i>International Soil and Water Conservation Research</i> , 2021, 9, 605-619.	3.0	4
1943	Agricultural Effects on Streams and Rivers: A Western USA Focus. <i>Water (Switzerland)</i> , 2021, 13, 1901.	1.2	28
1944	Fish assemblages and water quality in pampean streams (Argentina) along an urbanization gradient. <i>Hydrobiologia</i> , 2021, 848, 4493-4510.	1.0	13
1945	Association Between Subcatchment Land Cover and Ecological Stoichiometry Along a Human Modified Stream Network. <i>Frontiers in Water</i> , 2021, 3, .	1.0	0
1946	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
1947	Use of biological and water quality indices to evaluate conditions of the Upper uMngeni Catchment, KwaZulu-Natal, South Africa. <i>African Journal of Aquatic Science</i> , 0, , 1-12.	0.5	0
1948	Fish assemblage structure in a Neotropical urbanised prairie stream exposed to multiple natural and anthropic factors. <i>Ecology of Freshwater Fish</i> , 2022, 31, 224-242.	0.7	6
1949	Does Type, Quantity, and Location of Habitat Matter for Fish Diversity in a Great Plains Riverscape?. <i>Fisheries</i> , 2021, 46, 495.	0.6	0
1950	If a tree falls in the forest: terrestrial habitat loss predicts caddisfly (Insecta: Trichoptera) assemblages and functional feeding group biomass throughout rivers of the North-central United States. <i>Landscape Ecology</i> , 2021, 36, 3061-3078.	1.9	4
1951	Response of Stream Metabolism to Coarse Woody Debris Additions Along a Catchment Disturbance Gradient. <i>Ecosystems</i> , 0, , 1.	1.6	2
1952	Hydromorphological rehabilitation improves channel morphology, instream biotopes, and macroinvertebrate communities, and thus enhances the conservation of an urban river. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 2697.	0.9	1
1953	A Novel Model for Detecting Urban Fringe and Its Expanding Patterns: An Application in Harbin City, China. <i>Land</i> , 2021, 10, 876.	1.2	10

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1954	Water clarity affects collective behavior in two cyprinid fishes. <i>Behavioral Ecology and Sociobiology</i> , 2021, 75, 1.	0.6	14
1955	Resource users as land-sea links in coastal and marine socioecological systems. <i>Conservation Biology</i> , 2022, 36, .	2.4	3
1956	Assessing the impacts of agricultural conservation practices on freshwater biodiversity under changing climate. <i>Ecological Modelling</i> , 2021, 453, 109604.	1.2	9
1958	Incorporating costs, thresholds and spatial extents for selecting stream bioindicators in an ecotone between two Brazilian biodiversity hotspots. <i>Ecological Indicators</i> , 2021, 127, 107761.	2.6	11
1959	Trophic structure in response to land use in subtropical streams. <i>Ecological Indicators</i> , 2021, 127, 107746.	2.6	5
1960	Modeling the climate change impact on the habitat suitability and potential distribution of an economically important hill stream fish, <i>Neolissochilus hexagonolepis</i> , in the Ganges-Brahmaputra basin of Eastern Himalayas. <i>Aquatic Sciences</i> , 2021, 83, 1.	0.6	6
1961	Effects of urban demand for food and water on physicochemicals and biotic structure of riverine wetlands in the Pampean plain. <i>Ecohydrology and Hydrobiology</i> , 2022, 22, 355-369.	1.0	5
1962	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
1963	Native forest cover safeguards stream water quality under a changing climate. <i>Ecological Applications</i> , 2021, 31, e02414.	1.8	9
1964	Changes in the hydro-sedimentary balance: Impacts of the use of a borrow pit in a low-order stream. <i>PLoS ONE</i> , 2021, 16, e0255432.	1.1	0
1965	Modeling tree canopy height using machine learning over mixed vegetation landscapes. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 101, 102353.	1.4	9
1966	Diatom and Macroinvertebrate assemblages to inform management of Brazilian savanna's watersheds. <i>Ecological Indicators</i> , 2021, 128, 107834.	2.6	6
1967	Abundance- and biomass-based metrics of functional composition of macroinvertebrates as surrogates of ecosystem attributes in Afrotropical streams. <i>Aquatic Sciences</i> , 2021, 83, 1.	0.6	4
1968	ÁREAS PERMEÁVEIS E O USO SUSTENTAVEL DE RECURSOS HÍDRICOS EM CASCAVEL, PARANÁ, BRASIL.. <i>International Journal of Environmental Resilience Research and Science</i> , 2021, 3, .	0.1	0
1969	Brazilian vs. Paraguayan streams: Differences in water quality in a cross-border subtropical region. <i>Limnologica</i> , 2021, 90, 125904.	0.7	3
1970	Developing a taxa-related physical habitat score based on the response of macroinvertebrate community structure to fine bed sediment composition in the Tsitsa River, Eastern Cape, South Africa. <i>River Research and Applications</i> , 2021, 37, 1437-1450.	0.7	0
1971	Predicting water quality trends resulting from forest cover change in an agriculturally dominated river basin in Eastern Ontario, Canada. <i>Water Quality Research Journal of Canada</i> , 2021, 56, 218-238.	1.2	4
1972	Assessing the impacts of land use on riparian vegetation dynamics in Osun State, Nigeria. <i>Trees, Forests and People</i> , 2021, 5, 100099.	0.8	3

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1973	Riparian Land Use and Hydrological Connectivity Influence Nutrient Retention in Tropical Rivers Receiving Wastewater Treatment Plant Discharge. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	7
1974	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
1975	Transfer and transformations of oxygen in rivers as catchment reflectors of continental landscapes: A review. <i>Earth-Science Reviews</i> , 2021, 220, 103729.	4.0	16
1976	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
1977	Effects of deforestation from cattle ranching over time on protected rainforest streams in the Rama-Kriol Territory, Nicaragua. <i>Hydrobiologia</i> , 0, , 1.	1.0	8
1978	Pesticides in surface water from Brazil and Paraguay cross-border region: Screening using LC-QTOF MS and correlation with land use and occupation through multivariate analysis. <i>Microchemical Journal</i> , 2021, 168, 106502.	2.3	14
1979	Do legacy effects of deposited fine sediment influence the ecological response of drifting invertebrates to a fine sediment pulse?. <i>Aquatic Sciences</i> , 2021, 83, 1.	0.6	1
1980	Measuring stream habitat conditions: Can remote sensing substitute for field data?. <i>Science of the Total Environment</i> , 2021, 788, 147617.	3.9	6
1981	Multi-Scale Analysis of the Dependence of Water Quality on Land Use Using Linear and Mixed Models. <i>Water (Switzerland)</i> , 2021, 13, 2618.	1.2	1
1982	Defining a disturbance gradient in a Middle-Eastern River Basin. <i>Limnologica</i> , 2021, 91, 125923.	0.7	8
1983	Impacts of urban and industrial pollution on functional traits of benthic macroinvertebrates: Are some traits advantageous for survival?. <i>Science of the Total Environment</i> , 2022, 807, 150650.	3.9	15
1984	Habitat, geophysical, and eco-social connectivity: benefits of resilient socio-ecological landscapes. <i>Landscape Ecology</i> , 2022, 37, 1-29.	1.9	9
1985	Agricultural land use affects the heterogeneity of Odonata communities in the Brazilian Pampa. <i>Journal of Insect Conservation</i> , 0, , 1.	0.8	6
1986	Interactions in statistical models: Three things to know. <i>Methods in Ecology and Evolution</i> , 2021, 12, 2287-2297.	2.2	21
1987	Landscape configuration mediates hydrology and nonpoint source pollution under climate change and agricultural expansion. <i>Ecological Indicators</i> , 2021, 129, 107959.	2.6	26
1988	Towards improving an Area of Concern: Main-channel habitat rehabilitation priorities for the Maumee River. <i>Journal of Great Lakes Research</i> , 2021, 47, 1429-1436.	0.8	0
1989	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
1990	Multiple framings of uncertainty shape adoption of reference states during reform of water policy. <i>Environmental Science and Policy</i> , 2021, 124, 496-505.	2.4	7

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1991	Water resource quality effects on water treatment costs: An analysis for the Brazilian case. <i>Ecological Economics</i> , 2021, 188, 107134.	2.9	3
1992	Impacts of riparian width and stream channel width on ecological networks in main waterways and tributaries. <i>Science of the Total Environment</i> , 2021, 792, 148457.	3.9	24
1993	Urban threats and conservation measures relating to aquatic arthropods on the iconic Table Mountain, South Africa: A review. <i>Basic and Applied Ecology</i> , 2021, 56, 192-212.	1.2	1
1994	Major threats to European freshwater fish species. <i>Science of the Total Environment</i> , 2021, 797, 149105.	3.9	27
1995	Local and downstream cumulative effects of traditional meadow management on stream-water quality and multiple riparian taxa. <i>Science of the Total Environment</i> , 2021, 794, 148601.	3.9	1
1996	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
1997	A heuristic tool to assess regional impacts of renewable energy infrastructure on conservation areas. <i>Biological Conservation</i> , 2021, 263, 109334.	1.9	3
1998	Influence of a low-head dam on water quality of an urban river system. <i>Journal of Environmental Management</i> , 2021, 297, 113334.	3.8	6
1999	Is there an urban pesticide signature? Urban streams in five U.S. regions share common dissolved-phase pesticides but differ in predicted aquatic toxicity. <i>Science of the Total Environment</i> , 2021, 793, 148453.	3.9	17
2000	Evaluation of the impact of urban river bends on the enhancement of aquatic habitats using a two-dimensional habitat suitability model. <i>Ecological Informatics</i> , 2021, 65, 101428.	2.3	1
2001	Multiple in-stream stressors degrade biological assemblages in five U.S. regions. <i>Science of the Total Environment</i> , 2021, 800, 149350.	3.9	14
2002	Sensitivity and specificity of macroinvertebrate responses to gradients of multiple agricultural stressors. <i>Environmental Pollution</i> , 2021, 291, 118092.	3.7	9
2003	Anthropogenic land use impacts on the size structure of macroinvertebrate assemblages are jointly modulated by local conditions and spatial processes. <i>Environmental Research</i> , 2022, 204, 112055.	3.7	12
2004	Spatio-temporal distribution patterns of Chironomidae communities in the wadis of Northern Tunisia. <i>Brazilian Journal of Biology</i> , 2021, 82, e247073.	0.4	1
2005	Impact of Land Use and Land Cover Changes on Surface Runoff and Sediment Yield in the Little Ruaha River Catchment. <i>Open Journal of Modern Hydrology</i> , 2021, 11, 54-74.	0.4	16
2006	Body size responses to land use in stream fish: the importance of different metrics and functional groups. <i>Neotropical Ichthyology</i> , 2021, 19, .	0.5	2
2007	Longitudinal patterns in distribution of native and non-native fish species in a regulated temperate Neotropical river. <i>Acta Limnologica Brasiliensia</i> , 0, 33, .	0.4	3
2008	Drivers, Pressures and Stressors: The Societal Framework of Water Resources Management. , 2021, , 329-364.		0

#	ARTICLE	IF	CITATIONS
2010	Geomorphology Imparts Spatial Organization on Hydrological and Biogeochemical Fluxes. , 2022, , 53-67.		2
2011	Impacts of Land-Use and Land-Cover Change on River Systems. , 2022, , 1191-1236.		1
2012	Streams and Their Valleys. , 2021, , 267-273.		0
2014	A Review of Biological Monitoring of Aquatic Ecosystems Approaches: with Special Reference to Macroinvertebrates and Pesticide Pollution. Environmental Management, 2021, 67, 263-276.	1.2	53
2018	Impacts of multiple anthropogenic stressors on stream macroinvertebrate community composition and functional diversity. Ecology and Evolution, 2021, 11, 133-152.	0.8	26
2019	Streams and Urbanization. , 2009, , 93-123.		37
2020	Variables Affecting Resource Subsidies from Streams and Rivers to Land and their Susceptibility to Global Change Stressors. , 2020, , 129-155.		4
2021	Ecohydrology: Understanding and Maintaining Ecosystem Services for IWRM. , 2015, , 121-145.		4
2022	Ecosystem Services and River Basin Management. Handbook of Environmental Chemistry, 2014, , 265-294.	0.2	15
2023	Hydrologic Connectivity of Landscapes and Implications for Forest Restoration. World Forests, 2012, , 69-91.	0.1	3
2024	Forest Landscape Restoration: Linkages with Stream Fishes of the Southern United States. World Forests, 2012, , 221-264.	0.1	1
2025	Are We Destroying Our Insurance Policy? The Effects of Alien Invasion and Subsequent Restoration. , 2013, , 335-364.		3
2026	Macroinvertebrate response to land cover, habitat, and water chemistry in a mining-impacted river ecosystem: A GIS watershed analysis. Aquatic Sciences, 2005, 67, 403-423.	0.6	4
2027	A Comparative Analysis of Water Governance, Water Management, and Environmental Performance in River Basins. , 2016, 30, 2161.		1
2028	Environmental Flows: History of Assessment Methods, Ecosystem Frameworks and Global Uptake. , 2022, , 1277-1295.		2
2029	Spatial scale effects of the variable relationships between landscape pattern and water quality: Example from an agricultural karst river basin, Southwestern China. Agriculture, Ecosystems and Environment, 2020, 300, 106999.	2.5	75
2030	Monetary value of urban green space as an ecosystem service provider: A case study of urban runoff management in Finland. Ecosystem Services, 2017, 28, 17-27.	2.3	31
2031	Seasonal variation in benthic macroinvertebrate assemblages and water quality in an Afrotropical river catchment, northeastern Tanzania. Limnologica, 2020, 82, 125780.	0.7	10

#	ARTICLE	IF	CITATIONS
2032	A Modeling Approach to Restoring Pool-Riffle Structure in an Incised, Straightened Channel of an Urban Stream. , 2010, , .		2
2033	Detection of Regional Trends in Salmonid Habitat in Coastal Streams, Oregon. Transactions of the American Fisheries Society, 2011, 140, 52-66.	0.6	16
2034	Assessment of physical condition and anthropogenic disturbance of streams of the northcentral United States. Journal of Freshwater Ecology, 2021, 36, 1-12.	0.5	6
2035	Ecological status of river networks: stream order-dependent impacts of agricultural and urban pressures across ecoregions. Environmental Research Letters, 2020, 15, 1040b3.	2.2	12
2038	Threshold responses of Amazonian stream fishes to timing and extent of deforestation. Conservation Biology, 2018, 32, 860-871.	2.4	59
2039	Whole-landscape modelling of compositional turnover in aquatic invertebrates informs conservation gap analysis: An example from south-western Australia. Freshwater Biology, 2017, 62, 1359-1376.	1.2	11
2040	COST EFFECTIVENESS OF VEGETATIVE FILTER STRIPS AND INSTREAM HALF-LOGS FOR ECOLOGICAL RESTORATION. Journal of the American Water Resources Association, 2006, 42, 1349-1361.	1.0	5
2042	Reliable and effective sampling gear type for large river substrate dwelling macroinvertebrates. River Systems, 2018, , .	0.2	1
2043	Variations in benthic macroinvertebrate fauna as indicator of land use in the Ken River, central India. Journal of Threatened Taxa, 2013, 5, 4096-4105.	0.1	7
2044	Are We Meeting the Challenges of Landscape-Scale Riverine Research? A Review. Living Reviews in Landscape Research, 0, 4, .	0.0	26
2045	Assessing Historical Fish Community Composition Using Surveys, Historical Collection Data, and Species Distribution Models. PLoS ONE, 2011, 6, e25145.	1.1	33
2046	Multi-Scale, Direct and Indirect Effects of the Urban Stream Syndrome on Amphibian Communities in Streams. PLoS ONE, 2013, 8, e70262.	1.1	21
2047	River Ecosystem Response to Prescribed Vegetation Burning on Blanket peatland. PLoS ONE, 2013, 8, e81023.	1.1	26
2048	The Importance of the Regional Species Pool, Ecological Species Traits and Local Habitat Conditions for the Colonization of Restored River Reaches by Fish. PLoS ONE, 2014, 9, e84741.	1.1	65
2049	How Much Is Enough? Minimal Responses of Water Quality and Stream Biota to Partial Retrofit Stormwater Management in a Suburban Neighborhood. PLoS ONE, 2014, 9, e85011.	1.1	63
2050	Stream Macroinvertebrate Response Models for Bioassessment Metrics: Addressing the Issue of Spatial Scale. PLoS ONE, 2014, 9, e90944.	1.1	21
2051	Agricultural Intensification Exacerbates Spillover Effects on Soil Biogeochemistry in Adjacent Forest Remnants. PLoS ONE, 2015, 10, e0116474.	1.1	40
2052	Inferring Landscape-Scale Land-Use Impacts on Rivers Using Data from Mesocosm Experiments and Artificial Neural Networks. PLoS ONE, 2015, 10, e0120901.	1.1	5

#	ARTICLE	IF	CITATIONS
2053	Climatic and Catchment-Scale Predictors of Chinese Stream Insect Richness Differ between Taxonomic Groups. PLoS ONE, 2015, 10, e0123250.	1.1	19
2054	Spatially-Distributed Cost-Effectiveness Analysis Framework to Control Phosphorus from Agricultural Diffuse Pollution. PLoS ONE, 2015, 10, e0130607.	1.1	13
2055	Stream Vulnerability to Widespread and Emergent Stressors: A Focus on Unconventional Oil and Gas. PLoS ONE, 2015, 10, e0137416.	1.1	31
2056	Temporal Patterns and Environmental Correlates of Macroinvertebrate Communities in Temporary Streams. PLoS ONE, 2015, 10, e0142370.	1.1	10
2057	Flooding tolerance of four floodplain meadow species depends on age. PLoS ONE, 2017, 12, e0176869.	1.1	14
2058	Predicting small water courses' physico-chemical status from watershed characteristics with two multivariate statistical methods. Open Geosciences, 2020, 12, 71-84.	0.6	4
2059	Legacies of stream channel modification revealed using General Land Office surveys, with implications for water temperature and aquatic life. Elementa, 2017, 5, .	1.1	11
2060	Factores ambientales asociados con la preferencia de hábitat de larvas de tricópteros en cuencas con bosque seco tropical (Tolima, Colombia). Revista De Biología Tropical, 0, 62, 21.	0.1	14
2061	Impacto del uso del suelo agropecuario sobre macroinvertebrados acuáticos en pequeñas quebradas de la cuenca del río La Vieja (Valle del Cauca, Colombia). Revista De Biología Tropical, 0, 62, 203.	0.1	18
2062	Patterns at Multi-Spatial Scales on Tropical Island Stream Insect Assemblages (Gorgona Island Natural) Tj ETQq1 1 0.784314 r gBT / Over 0,1	0.1	4
2063	Gradientes, estabilidad y estado de conservación de peces en la cuenca alta del río Turbio, vertiente andina del Orinoco, Venezuela. Revista De Biología Tropical, 2014, 62, 987.	0.1	4
2064	Fish fauna from the Languet basin, Argentina: a prairie stream in a heavily modified landscape. Check List, 2018, 14, 461-470.	0.1	5
2065	Fish Assemblages in Pampean Streams (Buenos Aires, Argentina): Relationship to Abiotic and Anthropic Variables. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20190476.	0.3	12
2066	Effects of environmental factors on community structure of Leptophlebiidae (Insecta, Ephemeroptera) in Cerrado streams, Brazil. Iheringia - Serie Zoologia, 2013, 103, 260-265.	0.5	21
2067	Funções eco-hidrológicas das florestas nativas e o Círculo Florestal. Estudos Avancados, 2015, 29, 151-162.	0.2	32
2068	Environmental integrity and damselfly species composition in Amazonian streams at the "arc of deforestation" region, Mato Grosso, Brazil. Acta Limnologica Brasiliensia, 2014, 26, 278-287.	0.4	18
2069	Abiotic features of a river from the Upper Tietê River Basin (SP, Brazil) along an environmental gradient. Acta Limnologica Brasiliensia, 2015, 27, 228-237.	0.4	10
2070	Multiscale Habitat Factors Explain Variability in Stream Fish Occurrence in the Ozark Highlands Ecoregion, USA. Copeia, 2019, 107, 219.	1.4	9

#	ARTICLE	IF	CITATIONS
2071	Influence of land use on the condition of the riparian zone along an urban-rural gradient in the Sabinal River, Mexico. <i>Botanical Sciences</i> , 2018, 96, 180.	0.3	14
2072	Eutrophication and spatial distribution of N, P and chlorophyll-a in the Taizihe River Basin, Liaohe River Catchment. <i>Hupo Kexue/Journal of Lake Sciences</i> , 2017, 29, 297-307.	0.3	2
2073	Urban streams across the USA: lessons learned from studies in 9 metropolitan areas. <i>Journal of the North American Benthological Society</i> , 2009, 28, 1051-1069.	3.0	168
2074	The Social-Ecological Resilience of an Eastern Urban-Suburban Watershed: The Anacostia River Basin. <i>SSRN Electronic Journal</i> , 0, , .	0.4	10
2075	Influences of Human Stressors on Fish-Based Metrics for Assessing River Condition in Central Alberta. <i>Water Quality Research Journal of Canada</i> , 2010, 45, 35-46.	1.2	6
2077	Plant communities of the Czerwona Woda River Valley (StoÅowe Mountains National Park). <i>Forest Research Papers</i> , 2018, 79, 181-197.	0.2	3
2078	An integrative hierarchical spatial framework for spring habitats. <i>Journal of Landscape Ecology(Czech Republic)</i> , 2013, 6, 65-77.	0.2	3
2079	Landscape factors of nutrient transport in temperate agricultural catchments. <i>WIT Transactions on Ecology and the Environment</i> , 2007, , .	0.0	1
2081	Macroinvertebrate assemblages in streams and rivers of a highly developed region (Lake Taihu Basin,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.5	21
2082	Leaf-litter-associated fungi and bacteria along temporal and environmental gradients in boreal streams. <i>Aquatic Microbial Ecology</i> , 2014, 73, 225-234.	0.9	11
2083	Agricultural land use impacts microbial community structure of streambed sediments. <i>Aquatic Microbial Ecology</i> , 2019, 83, 225-236.	0.9	1
2084	Effects of coastal development on nearshore estuarine nekton communities. <i>Marine Ecology - Progress Series</i> , 2008, 358, 27-39.	0.9	137
2085	A Review of Studies Documenting the Effects of Agricultural Best Management Practices on Physiochemical and Biological Measures of Stream Ecosystem Integrity. <i>Natural Areas Journal</i> , 2019, 39, 58.	0.2	18
2086	DinÃmica fluvial, propiedad de la tierra y conservaciÃ³n del paisaje de ribera en el entorno de Aranjuez (Madrid, Toledo). <i>Estudios Geograficos</i> , 2013, 74, 495-522.	0.4	2
2087	Land Use Relationships for a Rare Freshwater Mussel Species Endemic to Central Texas. <i>Journal of Fish and Wildlife Management</i> , 2015, 6, 327-337.	0.4	15
2088	Occupancy and Detection of Clinch Dace Using Two Gear Types. <i>Journal of Fish and Wildlife Management</i> , 2017, 8, 530-543.	0.4	9
2089	Land-use effects on river habitat quality and sediment granulometry along a 4th-order tropical river. <i>Revista Ambiente & Água</i> , 2013, 8, .	0.1	6
2090	Ictiofauna de igarapes de pequenas bacias de drenagem em Ãrea agrÃcola do Nordeste Paraense, Amazonia Oriental. <i>Revista Ambiente & Água</i> , 2012, 7, 214-230.	0.1	5

#	ARTICLE	IF	CITATIONS
2091	Habitat Suitability Index Relationships for the Northern Clearwater Crayfish, <i>Orconectes Propinquus</i> (Decapoda: Cambaridae). <i>Fisheries and Aquaculture Journal</i> , 2014, 05, .	0.2	6
2092	Analysis of Impervious Surface Area, and the Impacts on Soil-Based Agriculture and the Hydrologic Cycle: A Case Study in the Agricultural Land Reserve in Metro Vancouver, British Columbia, Canada. <i>Agricultural Sciences</i> , 2017, 08, 837-856.	0.2	3
2093	Responses of Macroinvertebrate Community Metrics to a Wastewater Discharge in the Upper Blue River of Kansas and Missouri, USA. <i>Journal of Water Resource and Protection</i> , 2015, 07, 1195-1220.	0.3	5
2094	Spatial Assessment of Water-Related Ecosystem Services to Prioritize Restoration of Forest Patches. <i>Natureza A Conservacao</i> , 2013, 11, 176-180.	2.5	6
2096	Effect of land use on the seasonal variation of streamwater quality in the Wei River basin, China. <i>Proceedings of the International Association of Hydrological Sciences</i> , 0, 368, 454-459.	1.0	4
2097	Biodiversity Loss in Freshwater Mussels: Importance, Threats, and Solutions. , 0, , .		8
2098	Climate Change and Freshwater Fauna Extinction Risk. , 2012, , 309-336.		35
2099	Drivers of macroinvertebrate community structure in unmodified streams. <i>PeerJ</i> , 2014, 2, e465.	0.9	18
2100	Distribution, habitat associations, and conservation status updates for the pilose crayfish <i>Pacifastacus gambelii</i> (Girard, 1852) and Snake River pilose crayfish <i>Pacifastacus connectens</i> (Faxon, 1914) of the western United States. <i>PeerJ</i> , 2018, 6, e5668.	0.9	13
2101	Validating anthropogenic threat maps as a tool for assessing river ecological integrity in Andean Amazon basins. <i>PeerJ</i> , 2019, 7, e8060.	0.9	12
2102	A Structural Relationship of Topography, Developed Areas, and Riparian Vegetation on the Concentration of Total Nitrogen in Streams. <i>Journal of the Korean Institute of Landscape Architecture</i> , 2020, 48, 25-34.	0.1	1
2103	Diversity and microhabitat use of benthic invertebrates in an urban forest stream (Southeastern) $T_j ETQq1 1 0.784314 \text{ rgBT} / \text{Overlock}$	0.5	1
2104	Climate Change and Integrated Coastal and Agroecosystem Services. , 2021, , 135-161.		0
2105	Land-use changes affect the functional structure of stream fish assemblages in the Brazilian Savanna. <i>Neotropical Ichthyology</i> , 2021, 19, .	0.5	11
2106	Temperature and land use influence tree swallow individual health. , 2021, 9, coab084.		0
2107	Evaluating macroinvertebrate metrics for ecological assessment of large saline rivers (Argentina). <i>Environmental Science and Pollution Research</i> , 2021, 28, 66464-66476.	2.7	4
2108	Evaluation of fish diversity and abundance in the Kabul River with comparisons between reaches above and below Kabul City, Afghanistan. <i>Journal of Threatened Taxa</i> , 2021, 13, 19743-19752.	0.1	1
2109	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

#	ARTICLE	IF	CITATIONS
2110	Continuous Simulation of Highly Urbanized Watershed to Quantify Nutrientsâ€™ Loadings. <i>Water</i> (Switzerland), 2021, 13, 2910.	1.2	0
2111	A riverscape approach reveals downstream propagation of stream thermal responses to riparian thinning at multiple scales. <i>Ecosphere</i> , 2021, 12, e03775.	1.0	9
2112	The conversion of natural riparian forests into agricultural land affects ecological processes in Atlantic forest streams. <i>Limnologica</i> , 2021, 91, 125927.	0.7	8
2113	Do fishes enjoy the view? A MaxEnt assessment of fish habitat suitability within scenic rivers. <i>Biological Conservation</i> , 2021, 263, 109357.	1.9	7
2117	SPECIAL ISSUE â€œEcological restoration of riverine ecotoneâ€. <i>Journal of the Japanese Society of Revegetation Technology</i> , 2007, 33, 537-539.	0.0	0
2118	Implications for Conservation. , 2008, , 113-118.		5
2119	AnÃ¡lise espaÃ§o-temporal da cobertura do solo em faixas de Ã¡reas de preservaÃ§Ã£o permanente (APPs) no municÃ­pio de Sorocaba, SP, Brasil. <i>Revista Ambiente & Ãgua</i> , 2009, 4, 147-155.	0.1	0
2120	Implications of global change for the maintenance of water quality and ecological integrity in the context of current water laws and environmental policies. , 2010, , 263-316.		0
2123	Upstream Landscape Dynamics of US National Parks with Implications for Water Quality and Watershed Management. , 0, , .		0
2126	An Assessment of the Physicochemical Parameters of Mananga River, Cebu, Philippines. <i>IAMURE International Journal of Ecology and Conservation</i> , 2012, 4, .	0.0	1
2127	Seasonal Succession of the Plankton and Microbenthos in a Hypertrophic Shallow Water Reservoir at Modra (W Slovakia). <i>Journal of Environmental Protection</i> , 2013, 04, 36-44.	0.3	0
2129	Landscape Sequence and Fluvial Ecosystem of the Kushida River with Particular Reference to Its Basin Geologic Heterogeneity. , 2014, , 99-111.		0
2130	Historical Vegetation of Three Salmon-Bearing Watersheds in the Interior Columbia River Basin. <i>PSU McNair Scholars Online Journal</i> , 2014, 8, 29-45.	0.3	0
2132	DESIGNING FOR ENVIRONMENTAL AND INFRASTRUCTURE SUSTAINABILITY: ONTARIO CASE STUDIES FOR RETROFITS AND NEW DEVELOPMENTS. <i>Journal of Green Building</i> , 2014, 9, 40-59.	0.4	2
2133	Ichthyofauna of the Sumidouro system, state of Minas Gerais, Brazil. <i>Check List</i> , 2014, 10, 864-869.	0.1	2
2134	Effects of Habitat Disturbance on Fish Community Structure in a Gravel-Bed Stream, Korea. <i>Ecology and Resilient Infrastructure</i> , 2014, 1, 49-60.	0.3	2
2135	Analysing Pressures and Threats on the Southern Wetlands of Iran with the Application of RAPPAM Methodology (Case study: Khuzestan Province). <i>Global Nest Journal</i> , 2014, 17, 344-356.	0.3	2
2136	Ecoregional Planning and Climate Change Adaptation. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
2137	Spatial variation instable isotope signatures and trophic position of fish in Raohe River,Lake Poyang Basin. Hupo Kexue/Journal of Lake Sciences, 2015, 27, 1004-1010.	0.3	0
2139	Physicochemical tolerance ranges and ecological characteristics in two different populations of Carassius auratus and Cyprinus carpio. Journal of Ecology and Environment, 2015, 38, 195-211.	1.6	0
2140	Ionic characterization of the Xingu River water's in the region of the future UHE Belo Monte (PA). Brazilian Journal of Biology, 2015, 75, 30-33.	0.4	0
2141	Spatial and temporal patterns of stream fish assemblages within Taihu Basin. Hupo Kexue/Journal of Lake Sciences, 2016, 28, 1371-1380.	0.3	1
2142	Low-head-dam fish culture effects on spatial-temporal patterns of local habitat and fish assemblages in the upstream and downstream of rivers. Hupo Kexue/Journal of Lake Sciences, 2016, 28, 178-186.	0.3	0
2143	THE LINKS BETWEEN LAND USE AND WATER QUALITY FOR FRESHWATER PEARL MUSSEL, MARGARITIFERA MARGARITIFERA, IN THE RIVER SOUTH ESK, SCOTLAND. International Journal of GEOMATE, 2016, , .	0.1	1
2144	Linking Watershed Scales through Altered Waterways. Journal of Water Resource and Protection, 2016, 08, 885-904.	0.3	0
2145	Assessment of Decay Coefficients of Allochthonous Litter for Sustainable Riparian Forage Agriculture and Environmental Monitoring: A Study in River Nyangores, Kenya. The Open Atmospheric Science Journal, 2016, 10, 14-25.	0.5	0
2146	Biotic impoverishment and trichoptera loss in a Pennsylvania trout stream: Benthic macroinvertebrate assemblages over 43 summers. Journal of the Pennsylvania Academy of Science, 2017, 91, 22.	0.1	1
2147	Restoration of Rivers and Streams. , 2017, , 213-225.		0
2149	Land Use. , 2018, , 241-252.		1
2150	Diversity and Longitudinal Patterns of Stoneflies (Plecoptera) in a Southwestern Missouri Ozark Stream. Transactions of the Missouri Academy of Science, 2018, 46, 49-61.	0.1	0
2152	Understanding Perturbation in Aquatic Insect Communities under Multiple Stressor Threat. , 0, , .		0
2153	Evaluation of EPT macroinvertebrate metrics in small streams located within the non-connected stormwater management region of Kansas City, Missouri, USA. Transactions of the Missouri Academy of Science, 2019, 47, 21-34.	0.1	0
2154	Habitat, limnological signatures and spatial modeling: a zoning proposal for the CuruÃ¡-Una hydroelectric reservoir, ParÃ¡, Brazil. Acta Limnologica Brasiliensia, 0, 31, .	0.4	1
2156	Nitrogen and phosphorus pollution characteristics and influencing factors in urbanized watershed-A case study of Xiaojia River in Beilun District, Ningbo City. Hupo Kexue/Journal of Lake Sciences, 2019, 31, 689-699.	0.3	0
2157	Ecological Restoration Zones within the Monkey River Area (Belize) Using Community Grown Nurseries to Produce Plants for Riparian Strips. Journal of Environmental Protection, 2019, 10, 353-359.	0.3	1
2158	DistribuciÃ³n espacial y temporal de Elmidae (Insecta: Coleoptera) y su relaciÃ³n con los parÃ¡metros fisicoquÃ©micos en el rÃ­o Ocoa, Meta, Colombia. Revista De La Academia Colombiana De Ciencias Exactas, Físicas Y Naturales, 2019, 43, 108.	0.0	6

#	ARTICLE	IF	CITATIONS
2160	The Role of Water in the Landscape. Springer Water, 2020, , 71-90.	0.2	1
2161	Key Technology Research on Quality Inspection and Evaluation of Orthoimage Used in China's National Land Survey. Proceedings of the ICA, 0, 2, 1-5.	0.0	1
2163	Enhancing Environmental Services in Candelaria River by Restoring Ecological Connectivity. Water Science and Technology Library, 2020, , 151-170.	0.2	0
2164	BOARD OF INQUIRY. , 2019, , 144-162.		0
2165	Impact of Landscape Pattern Changes on Water Quality. , 2020, , 223-232.		0
2167	The Influence of Groundwater on the Population Size and Total Length of Warmwater Stream Fishes. Southeastern Naturalist, 2020, 19, 308.	0.2	4
2168	Status of Hornyhead Chub (<i>Nocomis biguttatus</i>) and Redspot Chub (<i>Nocomis asper</i>) in Kansas. Transactions of the Kansas Academy of Science, 2020, 123, 121.	0.0	2
2170	Influence of the landscape in different scales on the EPT community (Ephemeroptera, Plecoptera and Trichoptera) in a small stream in the Iberian Peninsula. <i>Journal of Insect Conservation</i> , 2021, 27, 1-13.	0.784314	1
2171	Mapping Impervious Cover in Catchments Using High Spatial Resolution Aerial Imagery. , 2020, , 277-290.		0
2172	Feeding patterns and strategies of Ephemeroptera, Plecoptera and Trichoptera in relation to seasonality, landscape elements and mesohabitats. <i>Acta Aquatica Turcica</i> , 0, , .	0.2	0
2173	Coupled effects of landscape structures and water chemistry on bacterioplankton communities at multi-spatial scales. <i>Science of the Total Environment</i> , 2022, 811, 151350.	3.9	8
2174	Techniques to Improve Ecological Interpretability of Black-Box Machine Learning Models. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2022, 27, 175-197.	0.7	12
2176	Effects of forest cover on richness of threatened fish species in Japan. <i>Conservation Biology</i> , 2022, 36, .	2.4	5
2177	Altération hydrogéomorphologique et qualité écologique de trois petites rivières périurbaines de la métropole parisienne. <i>Geomorphologie Relief, Processus, Environnement</i> , 2021, 27, 205-219.	0.7	1
2178	Resilience and Adaptive Capacity of the Swan Coastal Plain Wetlands. <i>Frontiers in Water</i> , 2021, 3, .	1.0	1
2179	Disentangling effects of predators and landscape factors as drivers of stream fish community structure. <i>Freshwater Biology</i> , 2021, 66, 656-668.	1.2	1
2180	Climate variability, land cover change and soil erosion risk implications for water quality of a humid tropical river basin in sub-Saharan Africa. <i>Water Practice and Technology</i> , 2021, 16, 263-275.	1.0	1
2181	The influence of topography and land use on hydrological and nutrient dynamics in two Andean streams from Northern Patagonia. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2022, 56, 78-97.	0.8	2

#	ARTICLE	IF	CITATIONS
2182	Regional macrophyte diversity is shaped by accumulative effects across waterbody types in southern China. <i>Aquatic Botany</i> , 2022, 176, 103468.	0.8	5
2183	Macroinvertebrates in a high Andean wetland (Chalhuanca) of southern Peru during the dry and wet season. <i>Aquatic Research</i> , 0, , 155-166.	0.3	0
2184	Caractéristique Physico-Chimique Et dynamique des Formes Environnementales des Coccidies Entomiques Dans Les Eaux De Sources, Puits et Cours D'eau dans La Commune d'Akono (Cameroun). <i>Tj ETQq 0 0 0 r gBT /Overlock 10 T</i>	0.0	0
2185	Geomorphology of the Great Lakes Lowlands of Eastern Canada. <i>World Geomorphological Landscapes</i> , 2020, , 259-275.	0.1	3
2186	Pollution tolerance, flight capacity and natural history explain metacommunity structure in high-altitude stream insects. <i>Acta Limnologica Brasiliensia</i> , 0, 32, .	0.4	0
2187	Synthesis: A Framework for Predicting the Dark Side of Ecological Subsidies. , 2020, , 343-372.		2
2188	Habitat use, trophic, and occurrence patterns of <i>Inpaichthys kerri</i> and <i>Hypheosobrycon vilmae</i> (Pisces). <i>Tj ETQq 0 0 0 r gBT /Overlock 10 T</i>	0.5	0
2189	Urban Agglomerates Under Climate Change Induced Risk. <i>Disaster Studies and Management</i> , 2020, , 199-250.	0.1	0
2190	Effects of the Pyrolysis Temperature on Adsorption of Carbamazepine and Ibuprofen by NaOH Pre-treated Pine Sawdust Biochars. <i>Daehan Hwan'gyeong Gonghag Hoeji</i> , 2020, 42, 29-39.	0.4	2
2191	Baetid abundances are a rapid indicator of thermal stress and riparian zone intactness. <i>Journal of Thermal Biology</i> , 2021, 102, 103125.	1.1	3
2192	Seasonal records of benthic macroinvertebrates in a stream on the eastern edge of the Iguaçu National Park, Brazil. <i>Biodiversity Data Journal</i> , 2020, 8, e54754.	0.4	1
2193	Watershed-Based Management for Sustainable Freshwater Resources. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2021, , 1-12.	0.0	0
2194	Effects of Land Use on the Riparian Vegetation along the Njoro and Kamweti Rivers, Kenya. <i>Open Journal of Ecology</i> , 2021, 11, 807-827.	0.4	4
2195	Urbanisation process generates more independently-acting stressors and ecosystem functioning impairment in tropical Andean streams. <i>Journal of Environmental Management</i> , 2022, 304, 114211.	3.8	10
2196	Future of Freshwater Ecosystems in a 1.5°C Warmer World. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	18
2197	Riverscape approaches in practice: perspectives and applications. <i>Biological Reviews</i> , 2022, 97, 481-504.	4.7	38
2198	A first attempt at a holistic analysis of various influencing factors on the fish fauna in the Eastern European Alps. <i>Science of the Total Environment</i> , 2022, 808, 151886.	3.9	5
2199	Impacts of land use and hydrological alterations on water quality and fish assemblage structure in headwater Pampean streams (Argentina). <i>Aquatic Sciences</i> , 2022, 84, 1.	0.6	9

#	ARTICLE	IF	CITATIONS
2200	Human Impact Induces Shifts in Trophic Composition and Diversity of Consumer Communities in Small Freshwater Ecosystems. Springer Water, 2022, , 389-418.	0.2	1
2201	A reply to "Relevant factors in the eutrophication of the Uruguay River and the Río Negro". Science of the Total Environment, 2022, 818, 151854.	3.9	6
2202	Influence of Anthropogenic Load in River Basins on River Water Status: A Case Study in Lithuania. Land, 2021, 10, 1312.	1.2	2
2203	Do environmental conditions modulated by land use drive fish functional diversity in streams?. Hydrobiologia, 2022, 849, 4465-4483.	1.0	8
2205	Landscape and stocking effects on population genetics of Tennessee Brook Trout. Conservation Genetics, 2022, 23, 341-357.	0.8	2
2206	Fluvial nutrient dynamics in a humanized landscape. Insights from a hierarchical perspective. , 2006, 25, 513-526.		7
2207	Natural history study of an understudied sea catfish species from Panama (Siluriformes: Ariidae). Neotropical Ichthyology, 2021, 19, .	0.5	0
2208	Pesticide Effects on Macroinvertebrates and Leaf Litter Decomposition in Areas with Traditional Agriculture. SSRN Electronic Journal, 0, , .	0.4	0
2209	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
2210	Responses of multiple structural and functional indicators along three contrasting disturbance gradients. Ecological Indicators, 2022, 135, 108514.	2.6	9
2211	Spatiotemporal dynamics drive synergism of land use and climatic extreme events in insect meta-populations. Science of the Total Environment, 2022, 814, 152602.	3.9	3
2212	Effects of landscape metrics and land-use variables on macroinvertebrate communities and habitat characteristics. , 2011, 30, 347-362.		17
2213	Influence of data sources and processing methods on theoretical river network quality. , 2011, 30, 197-216.		3
2214	Inland Waters "Rivers: Land Use and Water Quality. , 2021, , .		0
2215	Sources of ions in the river ecosystem. , 2022, , 187-202.		2
2216	Nutrient enrichment and altered temperature regime explain litter decomposition in cold-temperate urban streams. Hydrobiologia, 2022, 849, 1559-1574.	1.0	2
2217	A landscape approach for identifying potential reestablishment sites for extirpated stream fishes: an example with Arctic grayling (Thymallus arcticus) in Michigan. Hydrobiologia, 2022, 849, 1397.	1.0	1
2218	Do aquatic insects disperse metals from contaminated streams to land?. Hydrobiologia, 2022, 849, 1437.	1.0	3

#	ARTICLE	IF	CITATIONS
2219	Loss of phylogenetic diversity under landscape change. <i>Science of the Total Environment</i> , 2022, 822, 153595.	3.9	2
2220	Identifying Functional Flow Linkages Between Stream Alteration and Biological Stream Condition Indices Across California. <i>Frontiers in Environmental Science</i> , 2022, 9, .	1.5	6
2221	Functional Responses of Phytoplankton Assemblages to Watershed Land Use and Environmental Gradients. <i>Frontiers in Ecology and Evolution</i> , 2022, 9, .	1.1	5
2222	Reservoir Attributes Display Cascading Spatial Patterns Along River Basins. <i>Water Resources Research</i> , 2022, 58, .	1.7	4
2223	Stream water quality prediction using boosted regression tree and random forest models. <i>Stochastic Environmental Research and Risk Assessment</i> , 2022, 36, 2661-2680.	1.9	44
2224	Effects of land use on the ðiversity of fish assemblages in subtropical headwater streams, China. <i>Ecology of Freshwater Fish</i> , 2022, 31, 583-595.	0.7	4
2225	Exploring the community structure of Afrotropical macroinvertebrate traits and ecological preferences along an agricultural pollution gradient in the Kat River, Eastern Cape, South Africa. <i>Ecological Indicators</i> , 2022, 135, 108570.	2.6	12
2226	Response of sub-Antarctic streams to urbanization: Relevance of assemblage structure and independent reference areas. <i>Limnologica</i> , 2022, 93, 125956.	0.7	1
2227	A benthic invertebrates-based biotic index to assess the ecological status of West African Sahel Rivers, Burkina Faso. <i>Journal of Environmental Management</i> , 2022, 307, 114503.	3.8	15
2228	Forest cover controls the nitrogen and carbon stable isotopes of rivers. <i>Science of the Total Environment</i> , 2022, 817, 152784.	3.9	8
2229	Urban buried streams: Abrupt transitions in habitat and biodiversity. <i>Science of the Total Environment</i> , 2022, 819, 153050.	3.9	2
2231	Climate and land-use driven reorganisation of structure and function in river macroinvertebrate communities. <i>Ecography</i> , 2022, 2022, .	2.1	12
2232	Land use changes disrupt streams and affect the functional feeding groups of aquatic insects in the Amazon. <i>Journal of Insect Conservation</i> , 2022, 26, 137-148.	0.8	15
2233	Application of Flow-Ecology Analysis to Inform Prioritization for Stream Restoration and Management Actions. <i>Frontiers in Environmental Science</i> , 2022, 9, .	1.5	2
2234	Restoration Ecology of Rivers. , 2022, , .		0
2235	Effects of Environmental Changes on Gerromorpha (Heteroptera: Hemiptera) Communities from Amazonian Streams. <i>Hydrobiology</i> , 2022, 1, 111-121.	0.9	4
2236	Responses of Macroinvertebrate Communities to Hydromorphological Restoration of Headwater Streams in Brittany. <i>Water (Switzerland)</i> , 2022, 14, 553.	1.2	2
2237	Riparian Buffers as a Critical Landscape Feature: Insights for Riverscape Conservation and Policy Renovations. <i>Diversity</i> , 2022, 14, 172.	0.7	30

#	ARTICLE	IF	CITATIONS
2238	Direct and indirect effects of amphidromous shrimps on nutrient mineralization in streams in Japan. <i>Oecologia</i> , 2022, 198, 493-505.	0.9	0
2239	The effect of hierarchical environmental structure and catchment-scale land cover on fish assemblage composition in streams from the Brazilian south-eastern rain forest. <i>Hydrobiologia</i> , 2022, 849, 4485-4497.	1.0	4
2240	Abundance of Benthic Algae in Forestry Watersheds and the Associated Forest Cover Factors. <i>Forests</i> , 2022, 13, 378.	0.9	0
2241	Structuring functional groups of aquatic insects along the resistance/resilience axis when facing water flow changes. <i>Ecology and Evolution</i> , 2022, 12, e8749.	0.8	5
2242	Impact of land use and land cover dynamics on ecologically-relevant flows and blue-green water resources. <i>Ecohydrology and Hydrobiology</i> , 2022, 22, 420-434.	1.0	8
2244	Valuing water purification services of forests: a production function approach using panel data from China's Sichuan province. <i>Environment and Development Economics</i> , 2022, 27, 491-510.	1.3	1
2245	Unique and shared effects of local and catchment predictors over distribution of hyporheic organisms: does the valley rule the stream?. <i>Ecography</i> , 2022, 2022, .	2.1	6
2247	Landscape associations with native and invasive freshwater mussels. <i>Hydrobiologia</i> , 0, , 1.	1.0	1
2248	Development of a macroinvertebrate-based multimetric index for biological assessment of streams in the Sakarya River Basin, Turkey. <i>Biologia (Poland)</i> , 2022, 77, 1317-1326.	0.8	7
2249	Assessing seasonal and biological indices of juvenile Chinook Salmon for freshwater decision triggers that increase ocean survival. <i>Freshwater Science</i> , 2022, 41, 253-269.	0.9	3
2250	A spatial freshwater thermal resilience landscape for informing conservation planning and climate change adaptation strategies. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2022, 32, 832-842.	0.9	5
2251	Riparian health conditions of headwater streams in Southwestern Nigeria. <i>International Journal of River Basin Management</i> , 2023, 21, 539-550.	1.5	1
2252	Riparian land-use and in-stream habitat predict the distribution of a critically endangered freshwater mussel. <i>Hydrobiologia</i> , 2022, 849, 1763-1776.	1.0	6
2253	Macroinvertebrates'™ response to different land use in lowland streams from Uruguay: use of artificial substrates for biomonitoring. <i>Neotropical Biodiversity</i> , 2022, 8, 136-146.	0.2	8
2254	A Case Study Evaluating Water Quality and Reach-, Buffer-, and Watershed-Scale Explanatory Variables of an Urban Coastal Watershed. <i>Urban Science</i> , 2022, 6, 17.	1.1	2
2255	Nutrient levels, trophic status and land-use influences on streams, rivers and lakes in a protected floodplain of Uruguay. <i>Limnologia</i> , 2022, 94, 125966.	0.7	2
2256	Riparian fungal communities respond to land-use mediated changes in soil properties and vegetation structure. <i>Plant and Soil</i> , 2022, 475, 491-513.	1.8	6
2257	Environmental degradation of streams leads to the loss of ecomorphologically similar fish species. <i>Hydrobiologia</i> , 0, , 1.	1.0	0

#	ARTICLE	IF	CITATIONS
2258	Multi-scale threat assessment of riverine ecosystems in the Colorado River Basin. <i>Ecological Indicators</i> , 2022, 138, 108840.	2.6	11
2259	Land conversion induced by urbanization leads to taxonomic and functional homogenization of a river macroinvertebrate metacommunity. <i>Science of the Total Environment</i> , 2022, 825, 153940.	3.9	14
2260	Influence of land cover, catchment morphometry and rainfall on water quality and material transport of headwaters and low-order streams of a tropical mountainous watershed. <i>Catena</i> , 2022, 213, 106137.	2.2	11
2261	Pesticide effects on macroinvertebrates and leaf litter decomposition in areas with traditional agriculture. <i>Science of the Total Environment</i> , 2022, 828, 154549.	3.9	6
2262	Simplified methodologies to designate sensitive areas and nitrate vulnerable zones: A case study of Yesilirmak River Basin, Turkey. <i>Environmental Quality Management</i> , 0, , .	1.0	3
2263	Assessment of Spatiotemporal Variations in the Water Quality of the Han River Basin, South Korea, Using Multivariate Statistical and APCS-MLR Modeling Techniques. <i>Agronomy</i> , 2021, 11, 2469.	1.3	6
2264	No Difference in Instream Decomposition Among Upland Agricultural and Forested Streams in Kenya. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	3
2265	Macroinvertebrate community composition and richness along extreme gradients: The role of local, catchment, and climatic variables in Patagonian headwater streams. <i>Freshwater Biology</i> , 2022, 67, 445-460.	1.2	3
2266	Riparian plant species offer a range of organic resources to stream invertebrate communities through varied leaf breakdown rates. <i>New Zealand Journal of Marine and Freshwater Research</i> , 0, , 1-16.	0.8	0
2267	Impacts of Land Use Change on Water Quality Index in the Upper Ganges River near Haridwar, Uttarakhand: A GIS-Based Analysis. <i>Water (Switzerland)</i> , 2021, 13, 3572.	1.2	13
2268	Riparian reforestation on the landscape scale: Navigating trade-offs among agricultural production, ecosystem functioning and biodiversity. <i>Journal of Applied Ecology</i> , 2022, 59, 1456-1471.	1.9	7
2269	An ecological resilience index to improve conservation action for stream fish habitat. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 0, , .	0.9	2
2270	Confluences and land cover as agents of change: habitat change modifies the movement and assemblage stability of headwater fishes. <i>Urban Ecosystems</i> , 0, , 1.	1.1	0
2298	Assessment of the impacts of landscape patterns on water quality in Trondheim rivers and Fjord, Norway. <i>Water Science and Technology: Water Supply</i> , 2022, 22, 5558-5574.	1.0	2
2299	Identifying monitoring information needs that support the management of fish in large rivers. <i>PLoS ONE</i> , 2022, 17, e0267113.	1.1	0
2301	Ecological drivers of macroinvertebrate metacommunity assembly in a subtropical river basin in the Yangtze River Delta, China. <i>Science of the Total Environment</i> , 2022, 837, 155687.	3.9	3
2302	Tropical wetlands and land use changes: The case of oil palm in neotropical riverine floodplains. <i>PLoS ONE</i> , 2022, 17, e0266677.	1.1	3
2303	Zooplankton shifts from headwater to lowland streams: Insights into the role of water quality to assist the protection and restoration of agricultural waterways. <i>Ecohydrology</i> , 2022, 15, .	1.1	5

#	ARTICLE	IF	CITATIONS
2304	Using a multi-model ensemble approach to determine biodiversity hotspots with limited occurrence data in understudied areas: An example using freshwater mussels in Mexico. <i>Ecology and Evolution</i> , 2022, 12, e8909.	0.8	6
2305	Faunal assemblages and multi-scale habitat patterns in headwater tributaries of the South Fork Trinity River "an unregulated river embedded within a multiple-use landscape. <i>Animal Biodiversity and Conservation</i> , 2010, 33, 63-87.	0.3	4
2306	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
2307	Testing continuity in a Michigan (USA) river using the organic biomass of adult Ephemeroptera, Plecoptera, and Trichoptera. <i>Journal of Freshwater Ecology</i> , 2022, 37, 296-308.	0.5	0
2308	Invasion success of a freshwater fish corresponds to low dissolved oxygen and diminished riparian integrity. <i>Biological Invasions</i> , 2022, 24, 3049-3063.	1.2	3
2309	Effects of Agriculture and Hydrological Changes on Macrophyte and Macroinvertebrate Assemblages: a Case Study in Lowland Riverine Wetlands of Argentina. <i>Wetlands</i> , 2022, 42, .	0.7	5
2310	Diversidad florística y estructural de la vegetación riparia a lo largo de un gradiente urbano-natural del río Pitillal, Jalisco, México. <i>Revista U D C A Actualidad & Divulgación Científica</i> , 2022, 25, .	0.1	0
2311	Structural Characteristics of Tropical Headwater Streams Draining Native Vegetation and Sugarcane Cultivation. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2312	Relationships between land use, habitat quality, physicochemical water quality and fish communities in the Sironko River Catchment, a mountainous tropical stream flowing into the Lake Kyoga in Eastern Uganda. <i>Lakes and Reservoirs: Research and Management</i> , 2022, 27, .	0.6	3
2313	Fatty acid composition of macroinvertebrate scrapers in relation to environmental conditions in subtropical mountain streams. <i>Environmental Science and Pollution Research</i> , 2022, 29, 81037-81047.	2.7	2
2314	Dissolved oxygen isotope modelling refines metabolic state estimates of stream ecosystems with different land use background. <i>Scientific Reports</i> , 2022, 12, .	1.6	6
2315	Resource supply and organismal dominance are associated with high secondary production in temperate agricultural streams. <i>Functional Ecology</i> , 2022, 36, 2367-2383.	1.7	2
2316	Effects of urbanization on carabid beetles in an urban riparian area. <i>Entomological Research</i> , 0, , .	0.6	2
2317	Identification and stability analysis of critical ecological land: Case study of a hilly county in southern China. <i>Ecological Indicators</i> , 2022, 141, 109091.	2.6	17
2319	Watershed-Based Management for Sustainable Freshwater Resources. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2022, , 1007-1018.	0.0	0
2320	Odonata Assemblages as a Tool to Assess the Conservation Value of Intermittent Rivers in the Mediterranean. <i>Insects</i> , 2022, 13, 584.	1.0	1
2321	Catchment scale deforestation increases the uniqueness of subtropical stream communities. <i>Oecologia</i> , 2022, 199, 671-683.	0.9	3
2322	Increased landscape disturbance and streamflow variability threaten fish biodiversity in the Red River catchment, USA. <i>Diversity and Distributions</i> , 2022, 28, 1934-1950.	1.9	1

#	ARTICLE	IF	CITATIONS
2323	Comparison of caddisfly (Insecta, Trichoptera) assemblages from lake and river habitats of the Huron Mountains of Michigan (USA). <i>ZooKeys</i> , 0, 1111, 267-286.	0.5	2
2324	Nutrient limitation of primary production in rivers along a land use gradient in the Lake Biwa Basin, Shiga Prefecture, Japan. <i>Aquatic Ecology</i> , 2022, 56, 1177-1203.	0.7	1
2325	The role of stream restoration in enhancing ecosystem services. <i>Hydrobiologia</i> , 2023, 850, 2537-2562.	1.0	4
2326	Past and recent farming degrades aquatic insect genetic diversity. <i>Molecular Ecology</i> , 2023, 32, 3356-3367.	2.0	3
2327	Effects of grazing on taxonomic and functional diversity of benthic macroinvertebrates of six tributary streams of the eastern shore of Lake Hovsgol, Mongolia. <i>Inland Waters</i> , 2022, 12, 526-538.	1.1	1
2328	Land use in acid sulphate soils degrades river water quality – Do the biological quality metrics respond?. <i>Ecological Indicators</i> , 2022, 141, 109085.	2.6	1
2329	Mixed spatial scale effects of landscape structure on water quality in the Yellow River. <i>Journal of Cleaner Production</i> , 2022, 368, 133008.	4.6	10
2330	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
2331	Investigation of human-induced land use dynamics in a representative catchment on the Chota Nagpur Plateau, India: A spatiotemporal application of soil erosion modeling with connectivity index studies. <i>Catena</i> , 2022, 217, 106524.	2.2	8
2332	The past is never dead: legacy effects alter the structure of benthic macroinvertebrate assemblages. , 2023, 42, 1.		2
2333	Carbon and nutrients regulate greenhouse gas fluxes from oxic stream sediments. <i>Biogeochemistry</i> , 2022, 160, 275-287.	1.7	3
2334	Ecological River Health Assessment Using Multi-Metric Models in an Asian Temperate Region with Land Use/Land Cover as the Primary Factor Regulating Nutrients, Organic Matter, and Fish Composition. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 9305.	1.2	2
2335	Human induced fish declines in North America, how do agricultural pesticides compare to other drivers?. <i>Environmental Science and Pollution Research</i> , 2022, 29, 66010-66040.	2.7	5
2336	Assessment of the ecological status of the Oum Er-rabie River basin (Central Morocco) through physicochemical, bacteriological parameters and biotic indices. , 0, , .		1
2337	First delimitation and land-use assessment of the riparian zones at Uruguayan Pampa. <i>Ecological Informatics</i> , 2022, 71, 101781.	2.3	1
2338	Effects of Agricultural Intensity on Nutrient and Sediment Contributions within the Cache River Watershed, Arkansas. <i>Water (Switzerland)</i> , 2022, 14, 2528.	1.2	1
2339	An Evaluation of Indices of Biotic Integrity for Algal and BMI Assemblages in Streams of the Los Angeles Region. <i>Journal of the American Water Resources Association</i> , 2022, 58, 1470-1482.	1.0	0
2340	Land Uses for Pasture and Cacao Cultivation Modify the Odonata Assemblages in Atlantic Forest Areas. <i>Diversity</i> , 2022, 14, 672.	0.7	4

#	ARTICLE	IF	CITATIONS
2341	A review of current knowledge and research priorities for conservation of lentic biodiversity in tropical wet and monsoonal urban landscapes. <i>Freshwater Biology</i> , 2022, 67, 1671-1689.	1.2	1
2342	Functional and taxonomic diversities are better early indicators of eutrophication than composition of freshwater phytoplankton. <i>Hydrobiologia</i> , 2023, 850, 1393-1411.	1.0	7
2343	Achieving sustainable water and land use systems in highly developed tropical landscapes. <i>Environmental Research Letters</i> , 0, , .	2.2	0
2344	Does land use and land cover affect adult communities of Ephemeroptera, Plecoptera and Trichoptera (EPT)? A systematic review with meta-analysis. <i>Environmental Monitoring and Assessment</i> , 2022, 194, .	1.3	2
2345	Correlates of Odonata species composition in Amazonian streams depend on dissimilarity coefficient and oviposition strategy. <i>Ecological Entomology</i> , 0, , .	1.1	2
2346	Predicting springtime herbicide exposure across multiple scales in pacific coastal drainages (Oregon,) Tj ETQq1 1 0.784314 rgBT /Ove	2.6	6
2347	Eutrophication thresholds associated with protection of biological integrity in California wadeable streams. <i>Ecological Indicators</i> , 2022, 142, 109180.	2.6	8
2348	A new approach to extracting biofilm from environmental plastics using ultrasound-assisted syringe treatment for isotopic analyses. <i>Science of the Total Environment</i> , 2022, 849, 157758.	3.9	5
2349	Evaluating the impact of turbidity, precipitation, and land use on nutrient levels and atrazine concentrations in Illinois surface water as determined by citizen scientists. <i>Science of the Total Environment</i> , 2022, 850, 158081.	3.9	6
2350	Urbanization affects the taxonomic and functional alpha and beta diversity of fish assemblages in streams of subtropical China. <i>Ecological Indicators</i> , 2022, 144, 109441.	2.6	4
2351	Explainable machine learning improves interpretability in the predictive modeling of biological stream conditions in the Chesapeake Bay Watershed, USA. <i>Journal of Environmental Management</i> , 2022, 322, 116068.	3.8	7
2352	Exploring the impact of landscape changes on runoff under climate change and urban development: Implications for landscape ecological engineering in the Yangmei River Basin. <i>Ecological Engineering</i> , 2022, 184, 106794.	1.6	7
2353	Hydrologic and environmental thresholds in stream fish assemblage structure across flow regimes. <i>Ecological Indicators</i> , 2022, 144, 109500.	2.6	3
2354	Combined effects of urbanization and longitudinal disruptions in riparian and in-stream habitat on water quality of a prairie stream. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2022, , 15.	0.5	7
2355	Effects of land use and landscape pattern characteristics on seasonal surface water quality in a typical reticulated river network area—a case study of Liyang City, Jiangsu Province. <i>Hupo Kexue/Journal of Lake Sciences</i> , 2022, 34, 1524-1539.	0.3	3
2356	Setting thresholds of ecosystem structure and function to protect streams of the Brazilian savanna. <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	2
2357	Land Cover and Human Disturbance Impact on Water Chemistry and Ecological Health in an Asian Temperate Lotic System. <i>Land</i> , 2022, 11, 1428.	1.2	1
2358	Spatio-temporal dynamics of fish assemblage in the Datong and Xiaotong rivers, karst tributaries in the upper Yangtze River drainage: Implications for ecological adaptation and conservation of fish in rivers. <i>Frontiers in Ecology and Evolution</i> , 0, 10, .	1.1	1

#	ARTICLE	IF	CITATIONS
2359	Temporal and spatial differentiation characteristics of ecosystem service values based on the ecogeographical division of China: a case study in the Yellow River Basin, China. <i>Environmental Science and Pollution Research</i> , 2023, 30, 8317-8337.	2.7	7
2360	Impaired cellulose decomposition in a headwater stream receiving subsurface agricultural drainage. <i>Ecological Processes</i> , 2022, 11, .	1.6	2
2361	Land-Use Pattern as a Key Factor Determining the Water Quality, Fish Guilds, and Ecological Health in Lotic Ecosystems of the Asian Monsoon Region. <i>Water (Switzerland)</i> , 2022, 14, 2765.	1.2	2
2362	Effects of human disturbance on habitat and fish diversity in Neotropical streams. <i>PLoS ONE</i> , 2022, 17, e0274191.	1.1	3
2363	Relative importance of two correlated variables on aquatic macroinvertebrate communities in a Colorado Front Range river: selenium and urbanization. <i>Environmental Monitoring and Assessment</i> , 2022, 194, .	1.3	3
2364	Linking fish ecomorphotypes to food categories and local-scale habitat uses along a Brazilian coastal stream. <i>Ecology of Freshwater Fish</i> , 0, , .	0.7	0
2365	The combined effects of land use and seasonal environmental factors on stream food web structure. <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	0
2366	Water Quality and Anthropogenic Impact Assessment Using Macroinvertebrates as Bioindicators in a Stream Ecosystem. <i>Water, Air, and Soil Pollution</i> , 2022, 233, .	1.1	7
2367	Aquatic and Semiaquatic Heteroptera (Hemiptera: Insecta) Distribution in Streams on the Cerrado-Amazon Ecotone in Headwaters of Xingu River. , 2023, 1, 11-22.		0
2369	Coexistence of Native and Invasive Freshwater Turtles: The Llobregat Delta (NE Iberian Peninsula) as a Case Study. <i>Land</i> , 2022, 11, 1582.	1.2	4
2370	Freshwater Invertebrate Assemblage Composition and Water Quality Assessment of an Urban Coastal Watershed in the Context of Land-Use Land-Cover and Reach-Scale Physical Habitat. <i>Ecologies</i> , 2022, 3, 376-394.	0.7	1
2371	Analysis of multiple-pressure pattern in rivers and its effects on the structure of macroinvertebrate communities. <i>Limnologica</i> , 2022, 97, 126027.	0.7	1
2372	Riparian and watershed land use alters food web structure and shifts basal energy in agricultural streams. <i>Aquatic Sciences</i> , 2022, 84, .	0.6	3
2373	A bibliometric analysis of river health based on publications in the last three decades. <i>Environmental Science and Pollution Research</i> , 2023, 30, 15400-15413.	2.7	1
2374	Effects of land use change on inter-species and intra-guild trophic interactions of fish communities in tropical headwater streams. <i>Freshwater Biology</i> , 2022, 67, 2050-2063.	1.2	2
2375	Volunteer science data show degraded water quality disproportionately burdens areas of high poverty. <i>Journal of Hydrology</i> , 2022, 613, 128475.	2.3	2
2376	Remote sensing indicators to assess riparian vegetation and river ecosystem health. <i>Ecological Indicators</i> , 2022, 144, 109519.	2.6	11
2377	Fish response to environmental stressors in the Lake Victoria Basin ecoregion. <i>Fish Physiology</i> , 2022, , .	0.2	3

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2378	Effects of riparian forest and agricultural land use on stream fish diet and trophic position. <i>Ecology of Freshwater Fish</i> , 0, , .	0.7	0
2379	Fish assemblage shifts in an Ozark river over 80% years amidst a mosaic of forest regeneration and persistent pasture. <i>Ecology of Freshwater Fish</i> , 2023, 32, 257-269.	0.7	2
2380	Drivers of water quality in Afromontane-savanna rivers. <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	5
2381	Dragonflies (Odonata) in Cocoa Growing Areas in the Atlantic Forest: Taxonomic Diversity and Relationships with Environmental and Spatial Variables. <i>Diversity</i> , 2022, 14, 919.	0.7	1
2382	Leaf-associated macroinvertebrate assemblage and leaf litter breakdown in headwater streams depend on local riparian vegetation. <i>Hydrobiologia</i> , 2023, 850, 3359-3374.	1.0	2
2383	Managing landscape patterns at the riparian zone and sub-basin scale is equally important for water quality protection. <i>Water Research</i> , 2023, 229, 119280.	5.3	11
2384	Decision support for aquatic restoration based on species-specific responses to disturbance. <i>Ecology and Evolution</i> , 2022, 12, .	0.8	1
2385	Assessing land-use/water-quality relationships across contrasting geologic areas in New Jersey. <i>Journal of the American Water Resources Association</i> , 0, , .	1.0	1
2386	Natural variation of physical-habitat conditions among least-disturbed streams of a neotropical river basin in Brazil. , 2023, 2, 100091.		0
2387	Key factors determining water quality, fish community dynamics, and the ecological health in an Asian temperate lotic system. <i>Ecological Informatics</i> , 2022, 72, 101890.	2.3	4
2388	Impacts of land uses on spatio-temporal variations of seasonal water quality in a regulated river basin, Huai River, China. <i>Science of the Total Environment</i> , 2023, 857, 159584.	3.9	17
2389	Integrating Hydrological Connectivity in a Process-Response Framework for Restoration and Monitoring Prioritisation of Floodplain Wetlands in the Ramganga Basin, India. <i>Water (Switzerland)</i> , 2022, 14, 3520.	1.2	1
2390	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
2391	Stream macroinvertebrate community responses to an agricultural gradient alter consumer-driven nutrient dynamics. <i>Hydrobiologia</i> , 2023, 850, 315-334.	1.0	1
2392	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
2393	Water Quality Assessment and Characterization of Rivers in Pasir Gudang, Johor via Multivariate Statistical Techniques. <i>Pertanika Journal of Science and Technology</i> , 2022, 31, .	0.3	0
2394	Designing Watersheds for Integrated Development (DWID): Combining hydrological and economic modeling for optimizing land use change to meet water quality regulations. <i>Water Resources and Economics</i> , 2022, , 100209.	0.9	1
2395	Impacts of land use land cover change and climate change on river hydro-morphology- a review of research studies in tropical regions. <i>Journal of Hydrology</i> , 2022, 615, 128702.	2.3	22

#	ARTICLE	IF	CITATIONS
2396	Lithology and disturbance drive cavefish and cave crayfish occurrence in the Ozark Highlands ecoregion. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
2397	Biogeochemical consequences of grassland degradation on linked soil, stream, and lake ecosystems in watersheds: A review and case study. <i>Watershed Ecology and the Environment</i> , 2022, , .	0.6	0
2398	UNRAVELING THE INFLUENCE OF LANDSCAPE ALTERATION FROM FLOW ALTERATION ON BENTHIC MACROINVERTEBRATE ASSEMBLAGE RESPONSE IN THE DELAWARE RIVER BASIN. <i>Ecohydrology</i> , 0, , .	1.1	0
2399	Soil erosion risk for farming futures: Novel model application and validation to an agricultural landscape in southern England. <i>Environmental Research</i> , 2023, 219, 115050.	3.7	3
2400	Microplastics in fishes in amazon riverine beaches: Influence of feeding mode and distance to urban settlements. <i>Science of the Total Environment</i> , 2023, 863, 160934.	3.9	8
2401	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
2403	Fish functional responses to local habitat variation in streams within multiple land uses areas in the Amazon. <i>Neotropical Ichthyology</i> , 2022, 20, .	0.5	0
2404	Spatial and Temporal Variations in Water Quality Along the Bua River, Malawi. <i>Journal of Limnology and Freshwater Fisheries Research</i> , 0, , .	0.4	0
2405	Macroinvertebrate assemblages in lowland streams under horticultural impact (Buenos Aires,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 422	1.0	2
2406	Forest conversion adversely affects native <i>Macrobrachium</i> shrimp assemblages in tropical Malaysian streams. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 0, , .	0.9	0
2407	Linking land use with riverine water quality: A multi-spatial scale analysis relating to various riparian strips. <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	4
2408	Effect of Different Land Use Types on the Taxonomic and Functional Diversity of Macroinvertebrates in an Urban Area of Northern China. <i>Water (Switzerland)</i> , 2022, 14, 3793.	1.2	0
2409	Destruction and reconstruction: is freshwater offsetting achieving No Net Loss?. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2024, 58, 127-144.	0.8	0
2410	The Influence of the Transition to Ecological Farming on the Quality of Runoff Water. <i>Sustainability</i> , 2022, 14, 15412.	1.6	2
2411	Impacts of multiple anthropogenic stressors on the transcriptional response of <i>Gammarus fossarum</i> in a mesocosm field experiment. <i>BMC Genomics</i> , 2022, 23, .	1.2	4
2412	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
2413	Landscape features affect caiman body condition in the middle Araguaia River floodplain. <i>Animal Conservation</i> , 0, , .	1.5	3
2414	Assessing physical habitat structure and biological condition in eastern Amazonia stream sites. , 2023, 2, 100132.		1

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2415	Divergent hydrological responses to intensive production under different rainfall regimes: Evidence from long-term field observations. <i>Journal of Hydrology</i> , 2022, , 128918.	2.3	0
2416	Building a macrosystems ecology framework to identify links between environmental and human health: A random forest modelling approach. <i>People and Nature</i> , 2023, 5, 183-197.	1.7	1
2417	Local and regional determinants of phytoplankton communities in water reservoirs from the Cerrado biome. <i>Acta Limnologica Brasiliensia</i> , 0, 35, .	0.4	1
2418	Mine tailings storage dams modify upstream headwater fish assemblages. , 2023, 2, 100136.		3
2419	Can small stream soluteâ€œland cover relationships predict river solute concentrations?. <i>Hydrological Processes</i> , 0, , .	1.1	0
2420	Assemblage of oligochaetes in mesohabitats of streams with different land uses in Minas Gerais, Brazil. <i>Studies on Neotropical Fauna and Environment</i> , 0, , 1-11.	0.5	0
2421	Association of an endemic leuciscid, the Sandhills Chub (<i>Semotilus lumbee</i>), with microhabitat features and watershedâ€œlevel habitat characteristics. <i>Transactions of the American Fisheries Society</i> , 0, , .	0.6	0
2422	Land use and hydrological factors control concentrations and diffusive fluxes of riverine dissolved carbon dioxide and methane in low-order streams. <i>Water Research</i> , 2023, 231, 119615.	5.3	17
2423	Collective storytelling as a river restoration tool: The role of catchment communities in inspiring environmental change. <i>Frontiers in Communication</i> , 0, 7, .	0.6	2
2424	Water quality assessment using phytoplankton functional groups in the middle-lower Changjiang River, China. <i>Limnologica</i> , 2023, 99, 126056.	0.7	3
2425	Buffer zone-based trace elements indicating the impact of human activities on karst urban groundwater. <i>Environmental Research</i> , 2023, 220, 115235.	3.7	8
2426	Effects of agricultural land use on river biota: a meta-analysis. <i>Environmental Sciences Europe</i> , 2022, 34, .	2.6	11
2427	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
2428	Longitudinal Changes in Diverse Assemblages of Water Mites (Hydrachnidia) along a Lowland River in Croatia. <i>Diversity</i> , 2023, 15, 139.	0.7	1
2429	Assessment of Aquatic Ecological Health Based on the Characteristics of the Fish Community Structures of the Hun River Basin, Northeastern China. <i>Water (Switzerland)</i> , 2023, 15, 501.	1.2	1
2430	A multiscale landscape approach for prioritizing river and stream protection and restoration actions. <i>Ecosphere</i> , 2023, 14, .	1.0	4
2431	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
2432	Riverscape Approach and Forestry Interventions for Ganga River Rejuvenation. <i>Open Journal of Forestry</i> , 2023, 13, 110-131.	0.1	0

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2433	Evaluation of Human Settlement Environment and Identification of Development Barriers Based on the Ecological Niche Theory: A Case Study of Northern Shaanxi, China. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 1772.	1.2	2
2434	Mowers versus growers: Riparian buffer management in the Southern Blue Ridge Mountains, USA. <i>Journal of the American Water Resources Association</i> , 2023, 59, 803-823.	1.0	0
2435	Agricultural conservation may not help Midwestern US freshwater biodiversity in a changing climate. <i>Science of the Total Environment</i> , 2023, 872, 162143.	3.9	0
2436	A systems-level model of direct and indirect links between environmental health, socioeconomic factors, and human mortality. <i>Science of the Total Environment</i> , 2023, 874, 162486.	3.9	3
2437	Evidence of biological recovery from gross pollution in English and Welsh rivers over three decades. <i>Science of the Total Environment</i> , 2023, 878, 163107.	3.9	3
2438	Taxonomic Diversity and Biological Water Quality Assessment of Rivers Bhagirathi and Yamuna at Gangotri and Yamunotri Using Benthic Macroinvertebrates. <i>Proceedings of the Zoological Society</i> , 0, , .	0.4	0
2440	Mountaintop removal coal mining impacts on structural and functional indicators in Central Appalachian streams. <i>Frontiers in Water</i> , 0, 4, .	1.0	0
2441	Changes in hydrology and pollutant loads from stream restoration in an urban headwater catchment. <i>Journal of Hydrology</i> , 2023, 618, 129164.	2.3	0
2442	Spatial patterns of riparian vegetation community composition and diversity along human-affected East African highland streams. <i>Ecohydrology</i> , 0, , .	1.1	1
2443	Effects of the intensity of land-use changes on taxonomic and functional diversity of fish in a Neotropical floodplain. <i>Aquatic Sciences</i> , 2023, 85, .	0.6	1
2444	Land-use effects on aquatic macroinvertebrate diversity in subtropical highland grasslands streams. , 2023, 42, 1.		4
2445	The Impact of Urban Land-Use Regimes on the Stream Vegetation and Quality of a Mediterranean City. <i>Hydrology</i> , 2023, 10, 45.	1.3	1
2446	Removing invasive giant reed reshapes desert riparian butterfly and bird communities. <i>Journal of Wildlife Management</i> , 2023, 87, .	0.7	1
2447	From headwaters to outlets: Bird species accrual curves are faster downstream with different implications for varying landcovers and ecoregions. <i>Frontiers in Ecology and Evolution</i> , 0, 11, .	1.1	0
2448	Effects of Different Types of Agricultural Land Use on the Occurrence of Common Aquatic Bugs (Nepomorpha, Heteroptera) in Habitats with Slow Flowing Water in Bulgaria, Southeast Europe. <i>Diversity</i> , 2023, 15, 292.	0.7	0
2449	Patterns of nitrate retention in agriculturally influenced streams and rivers. <i>Biogeochemistry</i> , 2023, 163, 155-183.	1.7	3
2450	Functional biogeography of fluvial fishes across the conterminous U.S.A.: Assessing the generalisability of trait-environment relationships over large regions. <i>Freshwater Biology</i> , 2023, 68, 790-805.	1.2	1
2451	Centering 30 – 30 conservation initiatives on freshwater ecosystems. <i>Frontiers in Ecology and the Environment</i> , 0, , .	1.9	1

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2452	Land use increases macrophytes beta diversity in Amazon streams by favoring amphibious life forms species. <i>Community Ecology</i> , 2023, 24, 159-170.	0.5	5
2453	A refined functional group approach reveals novel insights into effects of urbanization on river macroinvertebrate communities. <i>Landscape Ecology</i> , 2023, 38, 3791-3808.	1.9	0
2454	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
2455	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
2456	Land use types determine environmental heterogeneity and aquatic insect diversity in Amazonian streams. <i>Hydrobiologia</i> , 2024, 851, 281-298.	1.0	4
2457	Effects of land use and slope on water quality at multi-spatial scales: a case study of the Weihe River Basin. <i>Environmental Science and Pollution Research</i> , 2023, 30, 57599-57616.	2.7	1
2458	Assessing arthropod diversity metrics derived from stream environmental DNA: spatiotemporal variation and paired comparisons with manual sampling. <i>PeerJ</i> , 0, 11, e15163.	0.9	1
2459	Fine-scale accuracy assessment of the 2016 National Land Cover Dataset for stream-based wildlife habitat. <i>Journal of Wildlife Management</i> , 2023, 87, .	0.7	0
2460	Observed and projected functional reorganization of riverine fish assemblages from global change. <i>Global Change Biology</i> , 2023, 29, 3759-3780.	4.2	2
2461	Model-based assessment and mapping of total phosphorus enrichment in rivers with sparse reference data. <i>Science of the Total Environment</i> , 2023, 884, 163418.	3.9	1
2462	Landscape features control river's confluences water quality and tributary fish composition. <i>River Research and Applications</i> , 2023, 39, 1025-1036.	0.7	0
2464	Potentials, Threats, and Sustainable Conservation Strategies of Plankton and Macrophytes. <i>Sustainable Development and Biodiversity</i> , 2023, , 85-117.	1.4	2
2465	Impoverished fish assemblages of temperate Neotropical streams respond to environmental degradation and support a sensitive Index of Biotic Integrity. <i>Hydrobiologia</i> , 0, , .	1.0	1
2466	Invertebrate metrics based on few abundant taxa outperform functional and taxonomic composition as indicators of agricultural impacts in Atlantic rainforest streams. <i>Hydrobiologia</i> , 0, , .	1.0	0
2467	Importance of artificial high flows in maintaining the ecological integrity of a regulated river. <i>Science of the Total Environment</i> , 2023, 882, 163569.	3.9	1
2472	The impact of land use on stream macroinvertebrates: a bibliometric analysis for 2010–2021. <i>Environmental Monitoring and Assessment</i> , 2023, 195, .	1.3	1
2477	Improving the Physical and Biological Condition of Urban Stream in the City of Baltimore. , 2023, , .		0
2514	What's driving wetland loss and degradation?. , 2023, , 259-306.		0

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2540	Urban Landscapes. , 2023, , 255-286.		0
2544	Invertebrates, Freshwater, Overview. , 2024, , 568-580.		0
2578	The resilience of riverine ecological communities. , 2024, , 23-39.		0
2591	Application of a Fine-Scale Modeling Approach to Assess Broad-Scale Changes in Stream Salmonid Habitat in a Changing Climate. , 2024, , 461-489.		0
2593	Determinants of Productive Capacity for Stream Salmonids. , 2024, , 491-549.		0