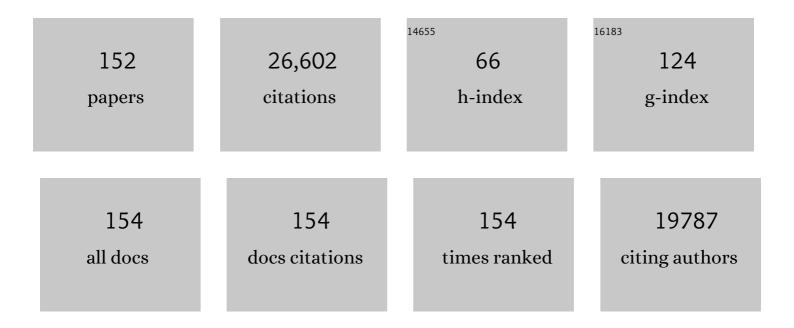
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Freshwater biodiversity: importance, threats, status and conservation challenges. Biological Reviews, 2006, 81, 163.	10.4	5,448
2	The ecological limits of hydrologic alteration (ELOHA): a new framework for developing regional environmental flow standards. Freshwater Biology, 2010, 55, 147-170.	2.4	1,227
3	The Role of Riparian Corridors in Maintaining Regional Biodiversity. , 1993, 3, 209-212.		1,172
4	THE CHALLENGE OF PROVIDING ENVIRONMENTAL FLOW RULES TO SUSTAIN RIVER ECOSYSTEMS. , 2006, 16, 1311-1318.		935
5	Alteration of North American Streams by Beaver. BioScience, 1988, 38, 753-762.	4.9	764
6	Microclimate in Forest Ecosystem and Landscape Ecology. BioScience, 1999, 49, 288-297.	4.9	728
7	Incorporating thermal regimes into environmental flows assessments: modifying dam operations to restore freshwater ecosystem integrity. Freshwater Biology, 2010, 55, 86-107.	2.4	724
8	WATER IN A CHANGING WORLD. , 2001, 11, 1027-1045.		709
9	Patch Dynamics in Lotic Systems: The Stream as a Mosaic. Journal of the North American Benthological Society, 1988, 7, 503-524.	3.1	522
10	Pacific Salmon, Nutrients, and the Dynamics of Freshwater and Riparian Ecosystems. Ecosystems, 2002, 5, 399-417.	3.4	490
11	Preserving the biodiversity and ecological services of rivers: new challenges and research opportunities. Freshwater Biology, 2010, 55, 1-16.	2.4	465
12	Invasibility of Species-Rich Communities in Riparian Zones. Conservation Biology, 1996, 10, 598-607.	4.7	450
13	Ecosystem Alteation of Boreal Forest Streams by Beaver (Castor Canadensis). Ecology, 1986, 67, 1254-1269.	3.2	420
14	EFFECTS OF SALMON-DERIVED NITROGEN ON RIPARIAN FOREST GROWTH AND IMPLICATIONS FOR STREAM PRODUCTIVITY. Ecology, 2001, 82, 2403-2409.	3.2	338
15	Feedbacks between geomorphology and biota controlling Earth surface processes and landforms: A review of foundation concepts and current understandings. Earth-Science Reviews, 2011, 106, 307-331.	9.1	323
16	Plant Species Richness in Riparian WetlandsA Test of Biodiversity Theory. Ecology, 1998, 79, 94.	3.2	296
17	Selective Foraging and Ecosystem Processes in Boreal Forests. American Naturalist, 1992, 139, 690-705.	2.1	280

18 Vulnerability of riparian zones to invasion by exotic vascular plants. , 2000, 148, 105-114.

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#	Article	IF	CITATIONS
19	Riparian Ecosystems in the 21st Century: Hotspots for Climate Change Adaptation?. Ecosystems, 2013, 16, 359-381.	3.4	275
20	Effects of Moose Browsing on Vegetation and Litter of the Boreal Forest, Isle Royale, Michigan, USA. Ecology, 1992, 73, 2059-2075.	3.2	271
21	The Potential Importance of Boundaries of Fluvial Ecosystems. Journal of the North American Benthological Society, 1988, 7, 289-306.	3.1	270
22	Riparian Ecology and Management in the Pacific Coastal Rain Forest. BioScience, 2000, 50, 996.	4.9	270
23	Longitudinal Patterns of Ecosystem Processes and Community Structure in a Subarctic River Continuum. Ecology, 1987, 68, 1139-1156.	3.2	259
24	Large woody debris, physical process, and riparian forest development in montane river networks of the Pacific Northwest. Geomorphology, 1995, 13, 133-144.	2.6	247
25	Moose, Microbes, and the Boreal Forest. BioScience, 1988, 38, 770-777.	4.9	246
26	Ecological Linkages Between Headwaters and Downstream Ecosystems: Transport of Organic Matter, Invertebrates, and Wood Down Headwater Channels ¹ . Journal of the American Water Resources Association, 2007, 43, 72-85.	2.4	241
27	Keystone Interactions: Salmon and Bear in Riparian Forests of Alaska. Ecosystems, 2006, 9, 167-180.	3.4	240
28	Beaver Influences on the Long-Term Biogeochemical Characteristics of Boreal Forest Drainage Networks. Ecology, 1994, 75, 905-921.	3.2	214
29	HARVESTING EFFECTS ON MICROCLIMATIC GRADIENTS FROM SMALL STREAMS TO UPLANDS IN WESTERN WASHINGTON. , 1997, 7, 1188-1200.		214
30	Flow variability and the biophysical vitality of river systems. Comptes Rendus - Geoscience, 2008, 340, 629-643.	1.2	206
31	Legitimizing Fluvial Ecosystems as Users of Water: An Overview. Environmental Management, 2002, 30, 455-467.	2.7	205
32	Large Animals and System-Level Characteristics in River Corridors. BioScience, 1997, 47, 521-529.	4.9	197
33	Fire in the Riparian Zone: Characteristics and Ecological Consequences. Ecosystems, 2007, 10, 673-687.	3.4	197
34	Disturbance regimes, resilience, and recovery of animal communities and habitats in lotic ecosystems. Environmental Management, 1990, 14, 647-659.	2.7	184
35	Effects of Land Cover on Stream Ecosystems: Roles of Empirical Models and Scaling Issues. Ecosystems, 2003, 6, 407-423.	3.4	174
36	A multi-scale assessment of the occurrence of exotic plants on the Olympic Peninsula, Washington. Journal of Vegetation Science, 1994, 5, 247-258.	2.2	170

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37	Stream Channel Morphology and Woody Debris in Logged and Unlogged Basins of Western Washington. Canadian Journal of Fisheries and Aquatic Sciences, 1994, 51, 37-51.	1.4	166
38	Boundary dynamics at the aquatic-terrestrial interface: The influence of beaver and geomorphology. Landscape Ecology, 1987, 1, 47-57.	4.2	164
39	Animal Influences on Ecosystem Dynamics. BioScience, 1988, 38, 750-752.	4.9	153
40	THE RESIDENCE TIME OF LARGE WOODY DEBRIS IN THE QUEETS RIVER, WASHINGTON, USA. , 2001, 11, 191-20	02.	153
41	PLANT SPECIES RICHNESS IN RIPARIAN WETLANDS—A TEST OF BIODIVERSITY THEORY. Ecology, 1998, 79, 94-105.	3.2	144
42	Basic Principles and Ecological Consequences of Changing Water Regimes on Nitrogen Cycling in Fluvial Systems. Environmental Management, 2002, 30, 481-491.	2.7	142
43	Flow–ecology relationships: closing the loop on effective environmental flows. Marine and Freshwater Research, 2014, 65, 133.	1.3	142
44	A FUTURE PERSPECTIVE ON NORTH AMERICA'S FRESHWATER ECOSYSTEMS. , 2000, 10, 958-970.		141
45	Aquatic Patch Creation in Relation to Beaver Population Trends. Ecology, 1990, 71, 1617-1621.	3.2	139
46	The Annual Pattern and Spatial Distribution of Aquatic Oxygen Metabolism in Boreal Forest Watersheds. Ecological Monographs, 1983, 53, 73-94.	5.4	137
47	Browse selection by beaver: effects on riparian forest composition. Canadian Journal of Forest Research, 1990, 20, 1036-1043.	1.7	136
48	How did fixed-width buffers become standard practice for protecting freshwaters and their riparian areas from forest harvest practices?. Freshwater Science, 2012, 31, 232-238.	1.8	136
49	Nitrogen budget of a subarctic stream altered by beaver (Castor canadensis). Oecologia, 1984, 62, 150-155.	2.0	130
50	Structure and function of a benthic invertebrate stream community as influenced by beaver (Castor) Tj ETQq0 0	0 rg,BT /С	overlock 10 Tf
51	Characteristics of Sediment and Organic Carbon Export from Pristine Boreal Forest Watersheds. Canadian Journal of Fisheries and Aquatic Sciences, 1982, 39, 1699-1718.	1.4	123
52	RIPARIAN FOREST STAND DEVELOPMENT ALONG THE QUEETS RIVER IN OLYMPIC NATIONAL PARK, WASHINGTON. Ecological Monographs, 2006, 76, 277-298.	5.4	121
53	Dynamic patch mosaics and channel movement in an unconfined river valley of the Olympic Mountains. Freshwater Biology, 2006, 51, 523-544.	2.4	121
54	Andean Influences on the Biogeochemistry and Ecology of the Amazon River. BioScience, 2008, 58, 325-338	4.9	121

325-338.

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55	Developing a broader scientific foundation for river restoration: Columbia River food webs. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 21201-21207.	7.1	119
56	Groundwater–Surface Water Relationships in Boreal Forest Watersheds: Dissolved Organic Carbon and Inorganic Nutrient Dynamics. Canadian Journal of Fisheries and Aquatic Sciences, 1989, 46, 41-49.	1.4	113
57	Flood plains: critically threatened ecosystems. , 2008, , 45-62.		113
58	Relationships Between Metabolic Parameters and Stream Order in Oregon. Canadian Journal of Fisheries and Aquatic Sciences, 1980, 37, 834-847.	1.4	106
59	Plants intertwine fluvial landform dynamics with ecological succession and natural selection: a niche construction perspective for riparian systems. Global Ecology and Biogeography, 2009, 18, 507-520.	5.8	106
60	Soil texture and nitrogen mineralization potential across a riparian toposequence in a semi-arid savanna. Soil Biology and Biochemistry, 2006, 38, 1325-1333.	8.8	104
61	Particulate Allochthonous Inputs: Relationships with Stream Size in an Undisturbed Watershed. Canadian Journal of Fisheries and Aquatic Sciences, 1984, 41, 1473-1484.	1.4	101
62	The use of a geographic information system to analyze long-term landscape alteration by beaver. Landscape Ecology, 1990, 4, 5-19.	4.2	99
63	The influence of substrate quality and stream size on wood decomposition dynamics. Oecologia, 1983, 58, 281-285.	2.0	98
64	Salmon and alder as nitrogen sources to riparian forests in a boreal Alaskan watershed. Oecologia, 2002, 133, 573-582.	2.0	95
65	Nitrate removal in the hyporheic zone of a salmon river in Alaska. River Research and Applications, 2009, 25, 367-375.	1.7	91
66	Global alteration of freshwaters: influences on human and environmental wellâ€being. Ecological Research, 2011, 26, 865-873.	1.5	87
67	Osmoregulation in the brook trout, Salvelinus fontinalis—II. Effects of size, age and photoperiod on seawater survival and ionic regulation. Comparative Biochemistry and Physiology A, Comparative Physiology, 1984, 79, 17-28.	0.6	81
68	A Process-Based View of Floodplain Forest Patterns in Coastal River Valleys of the Pacific Northwest. Ecosystems, 2010, 13, 1-31.	3.4	79
69	Does flood rhythm drive ecosystem responses in tropical riverscapes?. Ecology, 2015, 96, 684-692.	3.2	77
70	Fundamental Elements of Ecologically Healthy Watersheds in the Pacific Northwest Coastal Ecoregion. , 1992, , 127-188.		76
71	Physiological Smolt Characteristics of Anadromous and Non-anadromous Brook Trout (<i>Salvelinus) Tj ETQq1 1 Sciences, 1985, 42, 529-538.</i>	0.784314 1.4	rgBT /Overld 75
72	Biotic versus hydrologic control over seasonal nitrate leaching in a floodplain forest. Biogeochemistry, 2003, 63, 53-72.	3.5	74

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73	A grand challenge for freshwater research: understanding the global water system. Environmental Research Letters, 2008, 3, 010202.	5.2	74
74	Freshwater Ecosystems and Their Management: A National Initiative. Science, 1995, 270, 584-585.	12.6	73
75	Effects of Salmon-Borne Nutrients on Riparian Soils and Vegetation in Southwest Alaska. Ecosystems, 2005, 8, 529-545.	3.4	72
76	The Evolution of Conservation Management Philosophy: Science, Environmental Change and Social Adjustments in Kruger National Park. Ecosystems, 2008, 11, 173-192.	3.4	71
77	SOURCES AND DYNAMICS OF LARGE LOGS IN A TEMPERATE FLOODPLAIN RIVER. , 2007, 17, 1127-1141.		70
78	RIPARIAN COMMUNITIES ASSOCIATED WITH PACIFIC NORTHWEST HEADWATER STREAMS: ASSEMBLAGES, PROCESSES, AND UNIQUENESS. Journal of the American Water Resources Association, 2005, 41, 935-947.	2.4	67
79	Restoring Riverine Landscapes: The Challenge of Identifying Priorities, Reference States, and Techniques. Ecology and Society, 2007, 12, .	2.3	66
80	Riparian Forests. , 1998, , 289-323.		66
81	EFFECTS OF CLIMATE CHANGE ON INLAND WATERS OF THE PACIFIC COASTAL MOUNTAINS AND WESTERN GREAT BASIN OF NORTH AMERICA. Hydrological Processes, 1997, 11, 971-992.	2.6	63
82	Predicting Novel Riparian Ecosystems in a Changing Climate. Ecosystems, 2013, 16, 382-400.	3.4	63
83	Alteration of carbon cycling by beaver: methane evasion rates from boreal forest streams and rivers. Canadian Journal of Zoology, 1988, 66, 529-533.	1.0	62
84	Transport of nutrients and carbon from the Nanaimo River to its estuary 1. Limnology and Oceanography, 1978, 23, 1183-1193.	3.1	61
85	Beaver as Engineers: Influences on Biotic and Abiotic Characteristics of Drainage Basins. , 1995, , 117-126.		61
86	Title is missing!. Hydrobiologia, 1999, 410, 79-86.	2.0	61
87	Perspective: The challenge of ecologically sustainable water management. Water Policy, 2006, 8, 475-479.	1.5	57
88	Title is missing!. Hydrobiologia, 2000, 422/423, 111-131.	2.0	56
89	Flood-deposited wood debris and its contribution to heterogeneity and regeneration in a semi-arid riparian landscape. Oecologia, 2005, 145, 434-444.	2.0	54
90	Origins, Patterns, and Importance of Heterogeneity in Riparian Systems. , 2005, , 279-309.		54

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91	Socio-ecological complexity and the restoration of river ecosystems. Inland Waters, 2013, 3, 391-410.	2.2	54
92	Beaver population fluctuations and tropospheric methane emissions in boreal wetlands. Biogeochemistry, 1991, 12, 1.	3.5	53
93	Primary production, standing stock, and export of organic matter in a Mohave Desert thermal stream1. Limnology and Oceanography, 1976, 21, 60-73.	3.1	52
94	Potential Denitrification Activity in the Landscape of a Western Alaska Drainage Basin. Ecosystems, 2003, 6, 336-343.	3.4	50
95	Floodâ€deposited wood creates regeneration niches for riparian vegetation on a semiâ€arid South African river. Journal of Vegetation Science, 2006, 17, 615-624.	2.2	50
96	Spatial variation in environmental characteristics of Atlantic salmon (<i>Salmo salar</i>) rivers. Canadian Journal of Fisheries and Aquatic Sciences, 1998, 55, 267-280.	1.4	49
97	Abundance and Production of Riparian Trees in the Lowland Floodplain of the Queets River, Washington. Ecosystems, 2005, 8, 841-861.	3.4	49
98	RIPARIAN COMMUNITIES ASSOCIATED WITH PACIFIC NORTHWEST HEADWATER STREAMS: ASSEMBLAGES, PROCESSES, AND UNIQUENESS. Journal of the American Water Resources Association, 2005, 41, 935-947.	2.4	47
99	Large African herbivores decrease herbaceous plant biomass while increasing plant species richness in a semi-arid savanna toposequence. Journal of Arid Environments, 2008, 72, 891-903.	2.4	45
100	Some determinants of maturation in brook trout, Salvelinus fontinalis. Aquaculture, 1984, 43, 269-278.	3.5	44
101	Productivity and Connectivity in Tropical Riverscapes of Northern Australia: Ecological Insights for Management. Ecosystems, 2017, 20, 492-514.	3.4	44
102	Nitrogen fixation in subarctic streams influenced by beaver (Castor canadensis). Hydrobiologia, 1985, 121, 193-202.	2.0	43
103	Stream channel configuration, landform, and riparian forest structure in the Cascade Mountains, Washington. Canadian Journal of Fisheries and Aquatic Sciences, 2000, 57, 699-707.	1.4	43
104	A Comprehensive Approach for Habitat Restoration in the Columbia Basin. Fisheries, 2015, 40, 124-135.	0.8	43
105	Osmoregulation in the brook trout, Salvelinus fontinalis—I. Diel, photoperiod and growth related physiological changes in freshwater. Comparative Biochemistry and Physiology A, Comparative Physiology, 1984, 79, 7-16.	0.6	41
106	Spatial and temporal fluctuations of dissolved organic carbon in subsurface flow of the Stillaguamish River (Washington, USA). Archiv FA¼r Hydrobiologie, 1992, 123, 401-412.	1.1	40
107	Productivity of a herbivorous pupfish population (Cyprinodon nevadensis) in a warm desert stream. Journal of Fish Biology, 1976, 9, 125-137.	1.6	36
108	Formation, distribution and ecological consequences of flood-related wood debris piles in a bedrock confined river in semi-arid South Africa. River Research and Applications, 2006, 22, 1097-1110.	1.7	36

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109	Spring migratory synchrony of salmonid, catostomid, and cyprinid fishes in Rivière à la Truite, Québec. Canadian Journal of Zoology, 1983, 61, 2495-2502.	1.0	35
110	The influence of stream size on the food quality of seston. Canadian Journal of Zoology, 1983, 61, 1995-2010.	1.0	34
111	Daily rations, diel feeding activity and distribution of age-0 brook charr, Salvelinus fontinalis, in two subarctic streams. Environmental Biology of Fishes, 1988, 21, 195-205.	1.0	34
112	Predicting Beaver Colony Density in Boreal Landscapes. Journal of Wildlife Management, 1989, 53, 929.	1.8	34
113	Aggregate measures of ecosystem services: can we take the pulse of nature?. Frontiers in Ecology and the Environment, 2005, 3, 56-59.	4.0	34
114	Effects of stream size on bird community structure in coastal temperate forests of the Pacific Northwest, U.S.A Journal of Biogeography, 1998, 25, 773-782.	3.0	33
115	Watershed Management and Pacific Salmon: Desired Future Conditions. , 1997, , 447-474.		32
116	FOREST-RIVER INTERACTIONS: INFLUENCE ON HYPORHEIC DISSOLVED ORGANIC CARBON CONCENTRATIONS IN A FLOODPLAIN TERRACE. Journal of the American Water Resources Association, 2002, 38, 619-631.	2.4	31
117	FATE OF NITROGEN IN RIPARIAN FOREST SOILS AND TREES: AN15N TRACER STUDY SIMULATING SALMON DECAY. Ecology, 2006, 87, 1256-1266.	3.2	31
118	RECONSTRUCTING SALMON ABUNDANCE IN RIVERS: AN INITIAL DENDROCHRONOLOGICAL EVALUATION. Ecology, 2002, 83, 2971-2977.	3.2	26
119	Short-term hydrologic variations and nitrogen dynamics in beaver created meadows. Archiv Für Hydrobiologie, 1991, 123, 187-205.	1.1	26
120	POSTFIRE RESPONSE OF FLOOD-REGENERATING RIPARIAN VEGETATION IN A SEMI-ARID LANDSCAPE. Ecology, 2007, 88, 2094-2104.	3.2	25
121	A Quantitative Model of Soil Organic Matter Accumulation During Floodplain Primary Succession. Ecosystems, 2009, 12, 1352-1368.	3.4	24
122	Integrating Sustainable Development and Environmental Vitality: A Landscape Ecology Approach. , 1992, , 499-521.		24
123	Effects of Salmon-Derived Nitrogen on Riparian Forest Growth and Implications for Stream Productivity. Ecology, 2001, 82, 2403.	3.2	24
124	River Ecology and Management in the Pacific Coastal Ecoregion. , 1998, , 1-10.		22
125	RECONSTRUCTION OF PACIFIC SALMON ABUNDANCE FROM RIPARIAN TREE-RING GROWTH. , 2007, 17, 1523-1542.		20
126	Water, society and landscape ecology. Landscape Ecology, 1996, 11, 193-196.	4.2	19

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#	Article	IF	CITATIONS
127	The influence of forest structure on riparian litterfall in a Pacific Coastal rain forest. Canadian Journal of Forest Research, 2006, 36, 2852-2863.	1.7	17
128	Biotic Stream Classification. , 1998, , 97-119.		17
129	A geomorphic approach for examining the role of periphyton in large watersheds. , 1983, , 191-198.		15
130	The influence of beaver (<i>Castor canadensis</i>) on the production dynamics of aquatic insects. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 1984, 22, 1801-1810.	0.1	13
131	Strategic planning for instream flow restoration: a case study of potential climate change impacts in the central Columbia River basin. Global Change Biology, 2012, 18, 3071-3086.	9.5	13
132	A framework for strategic river restoration in China. Water International, 2016, 41, 998-1015.	1.0	13
133	Food Habits of the Amargosa Pupfish in a Thermal Stream. Transactions of the American Fisheries Society, 1975, 104, 536-538.	1.4	12
134	Patterns of conifer establishment and vigor on montane river floodplains in Olympic National Park, Washington, USA. Canadian Journal of Forest Research, 2010, 40, 410-422.	1.7	11
135	Nitrogen fixation by the savanna tree Philenoptera violacea (Klotzsch) Schrire (Apple leaf) of different ages in a semi-arid riparian landscape. South African Journal of Botany, 2007, 73, 163-167.	2.5	10
136	Environmental change: prospects for conservation and agriculture in a southwest Australia biodiversity hotspot. Ecology and Society, 2015, 20, .	2.3	9
137	New Perspectives for Watershed Management: Balancing Long-Term Sustainability with Cumulative Environmental Change. , 1992, , 3-11.		9
138	Indicators and assessment methods for measuring the ecological integrity of semi-aquatic terrestrial environments. , 2000, , 111-131.		9
139	Relationships between salmon abundance and tree-ring δ ¹⁵ N: three objective tests. Canadian Journal of Forest Research, 2011, 41, 2423-2432.	1.7	8
140	Food web perspectives and methods for riverine fish conservation. Wiley Interdisciplinary Reviews: Water, 2022, 9, .	6.5	8
141	Proactive responses to human impacts that balance development and Atlantic salmon (Salmo salar) conservation: an integrative model. Canadian Journal of Fisheries and Aquatic Sciences, 1998, 55, 288-302.	1.4	7
142	Landscape Boundaries in the Management and Restoration of Changing Environments: A Summary. , 1991, , 130-137.		6
143	EFFECTS OF SALMON-DERIVED NITROGEN ON RIPARIAN FOREST GROWTH AND IMPLICATIONS FOR STREAM PRODUCTIVITY: REPLY. Ecology, 2003, 84, 3399-3401.	3.2	4

144 Watershed Management. , 1998, , 642-661.

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145	Ecological Guidelines for Land Use and Management. , 2001, , 3-33.		4
146	Flood-deposited wood creates regeneration niches for riparian vegetation on a semi-arid South African river. Journal of Vegetation Science, 2006, 17, 615.	2.2	4
147	Stream ecosystem research in a watershed perspective. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 1981, 21, 804-811.	0.1	3
148	Large woody debris, physical process, and riparian forest development in montane river networks of the Pacific Northwest. , 1995, , 133-144.		3
149	Riparian Landscapes. , 2013, , 461-468.		2
150	Where are We? Resources at the Brink. , 1997, , 1-10.		2
151	WATER IN A CHANGING WORLD. , 2001, 11, 1027.		2
152	Biophysical interactions and the structure and dynamics of riverine ecosystems: the importance of biotic feedbacks. , 1999, , 79-86.		1