Simon Linke

List of Publications by Year
in descending order

89 papers	4,448 citations	109321 35 h-index	114465 63 g-index
90 all docs	90 docs citations	90 times ranked	5432 citing authors

#	Article	IF	Citations
1	Is conservation triage just smart decision making?. Trends in Ecology and Evolution, 2008, 23, 649-654.	8.7	501
2	Global hydro-environmental sub-basin and river reach characteristics at high spatial resolution. Scientific Data, 2019, 6, 283.	5.3	246
3	Freshwater conservation planning: the case for systematic approaches. Freshwater Biology, 2011, 56, 6-20.	2.4	181
4	Understanding and predicting the combined effects of climate change and landâ€use change on freshwater macroinvertebrates and fish. Journal of Applied Ecology, 2014, 51, 572-581.	4.0	157
5	A Global Assessment of Inland Wetland Conservation Status. BioScience, 2017, 67, 523-533.	4.9	152
6	Addressing longitudinal connectivity in the systematic conservation planning of fresh waters. Freshwater Biology, 2011, 56, 57-70.	2.4	146
7	The role of protected areas for freshwater biodiversity conservation: challenges and opportunities in a rapidly changing world. Aquatic Conservation: Marine and Freshwater Ecosystems, 2016, 26, 3-11.	2.0	135
8	Phylogenetic approaches reveal biodiversity threats under climate change. Nature Climate Change, 2016, 6, 1110-1114.	18.8	133
9	Incorporating asymmetric connectivity into spatial decision making for conservation. Conservation Letters, 2010, 3, 359-368.	5.7	119
10	Essential Biodiversity Variables for measuring change in global freshwater biodiversity. Biological Conservation, 2017, 213, 272-279.	4.1	114
11	Temporal variability of stream bioassessments using benthic macroinvertebrates. Freshwater Biology, 1999, 42, 575-584.	2.4	106
12	Management options for river conservation planning: condition and conservation re-visited. Freshwater Biology, 2007, 52, 918-938.	2.4	105
13	Integrating multidirectional connectivity requirements in systematic conservation planning for freshwater systems. Diversity and Distributions, 2012, 18, 448-458.	4.1	94
14	Finite conservation funds mean triage is unavoidable. Trends in Ecology and Evolution, 2009, 24, 183-184.	8.7	86
15	Looking Beyond the Fenceline: Assessing Protection Gaps for the World's Rivers. Conservation Letters, 2017, 10, 384-394.	5.7	85
16	Freshwater ecoacoustics as a tool for continuous ecosystem monitoring. Frontiers in Ecology and the Environment, 2018, 16, 231-238.	4.0	85
17	Merging connectivity rules and largeâ€scale condition assessment improves conservation adequacy in river systems. Journal of Applied Ecology, 2012, 49, 1036-1045.	4.0	84
18	ANNA: A new prediction method for bioassessment programs. Freshwater Biology, 2005, 50, 147-158.	2.4	81

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19	It's time to listen: there is much to be learned from the sounds of tropical ecosystems. Biotropica, 2018, 50, 713-718.	1.6	74
20	Achieving Aichi Biodiversity Target 11 to improve the performance of protected areas and conserve freshwater biodiversity. Aquatic Conservation: Marine and Freshwater Ecosystems, 2016, 26, 133-151.	2.0	72
21	Systematic planning for river rehabilitation: integrating multiple ecological and economic objectives in complex decisions. Freshwater Biology, 2012, 57, 1-9.	2.4	64
22	Go with the flow: the movement behaviour of fish from isolated waterhole refugia during connecting flow events in an intermittent dryland river. Freshwater Biology, 2016, 61, 1242-1258.	2.4	63
23	Very-broad-scale assessment of human impacts on river condition. Freshwater Biology, 2007, 52, 959-976.	2.4	60
24	Irreplaceability of river networks: towards catchmentâ€based conservation planning. Journal of Applied Ecology, 2008, 45, 1486-1495.	4.0	59
25	Relationship of fish and macroinvertebrate assemblages to environmental factors: implications for community concordance. Hydrobiologia, 2009, 623, 87-103.	2.0	59
26	Planning Across Freshwater and Terrestrial Realms: Cobenefits and Tradeoffs Between Conservation Actions. Conservation Letters, 2014, 7, 425-440.	5.7	58
27	Passive acoustic monitoring as a potential tool to survey animal and ecosystem processes in freshwater environments. Freshwater Biology, 2020, 65, 7-19.	2.4	56
28	Toward processâ€based conservation prioritizations for freshwater ecosystems. Aquatic Conservation: Marine and Freshwater Ecosystems, 2019, 29, 1149-1160.	2.0	52
29	An approach for ensuring minimum protected area size in systematic conservation planning. Biological Conservation, 2010, 143, 2525-2531.	4.1	44
30	Phylogenetically informed spatial planning is required to conserve the mammalian tree of life. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170627.	2.6	44
31	Bridging the gap between â€˜planningâ€™ and â€˜doingâ€™ for biodiversity conservation in freshwaters. Freshwater Biology, 2011, 56, 180-195.	2.4	43
32	Systematic Conservation Planning for Groundwater Ecosystems Using Phylogenetic Diversity. PLoS ONE, 2014, 9, e115132.	2.5	39
33	Freshwater conservation planning under climate change: demonstrating proactive approaches for Australian Odonata. Journal of Applied Ecology, 2014, 51, 1273-1281.	4.0	39
34	Local stream habitat variables predicted from catchment scale characteristics are useful for predicting fish distribution. Hydrobiologia, 2006, 572, 59-70.	2.0	38
35	Catchment zoning for freshwater conservation: refining plans to enhance action on the ground. Journal of Applied Ecology, 2015, 52, 940-949.	4.0	36
36	Catchment zoning to enhance coâ€benefits and minimize tradeâ€offs between ecosystem services and freshwater biodiversity conservation. Aquatic Conservation: Marine and Freshwater Ecosystems, 2018, 28, 1004-1014.	2.0	35

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37	Freshwater conservation planning: an introduction. Freshwater Biology, 2011, 56, 1-5.	2.4	34
38	Multi-Action Planning for Threat Management: A Novel Approach for the Spatial Prioritization of Conservation Actions. PLoS ONE, 2015, 10, e0128027.	2.5	32
39	Characterizing seasonal dynamics of Amazonian wetlands for conservation and decision making. Aquatic Conservation: Marine and Freshwater Ecosystems, 2019, 29, 1073-1082.	2.0	31
40	Enhancing conservation of <scp>A</scp>ustralian freshwater ecosystems: identification of freshwater flagship fishes and relevant target audiences. Fish and Fisheries, 2016, 17, 1134-1151.	5.3	28
41	Incorporating ecological functions in conservation decision making. Ecology and Evolution, 2017, 7, 8273-8281.	1.9	28
42	Sounding the Call for a Global Library of Underwater Biological Sounds. Frontiers in Ecology and Evolution, 2022, 10, .	2.2	28
43	Integration of environmental flow assessment and freshwater conservation planning: a new era in catchment management. Marine and Freshwater Research, 2011, 62, 290.	1.3	27
44	Data Acquisition for Conservation Assessments: Is the Effort Worth It?. PLoS ONE, 2013, 8, e59662.	2.5	27
45	Bioassessment of freshwater ecosystems using the Reference Condition Approach: comparing established and new methods with common data sets. Freshwater Science, 2014, 33, 1204-1211.	1.8	27
46	Reference vs. present-day condition: early planning decisions influence the achievement of conservation objectives. Aquatic Conservation: Marine and Freshwater Ecosystems, 2011, 21, 500-509.	2.0	26
47	The imperative need for nationally coordinated bioassessment of rivers and streams. Marine and Freshwater Research, 2017, 68, 599.	1.3	26
48	Integrating stream bioassessment and landscape ecology as a tool for land use planning. Freshwater Biology, 2007, 52, 908-917.	2.4	25
49	Accounting for continuous species' responses to management effort enhances cost-effectiveness of conservation decisions. Biological Conservation, 2016, 197, 116-123.	4.1	25
50	Conservation planning for river-wetland mosaics: A flexible spatial approach to integrate floodplain and upstream catchment connectivity. Biological Conservation, 2019, 236, 356-365.	4.1	25
51	Evaluating the costs and benefits of systematic data acquisition for conservation assessments. Ecography, 2015, 38, 283-292.	4.5	23
52	Coarse-filter surrogates do not represent freshwater fish diversity at a regional scale in Queensland, Australia. Biological Conservation, 2011, 144, 2499-2511.	4.1	22
53	Assessing the risks and opportunities of presenceâ€only data for conservation planning. Journal of Biogeography, 2015, 42, 218-228.	3.0	22
54	Transforming Environmental Water Management to Adapt to a Changing Climate. Frontiers in Environmental Science, 2018, 6, .	3.3	22

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55	Using multivariate analysis to deliver conservation planning products that align with practitioner needs. Ecography, 2011, 34, 203-207.	4.5	21
56	A proposed framework to systematically design and objectively evaluate non-dominated restoration tradeoffs for watershed planning and management. Ecological Economics, 2016, 127, 146-155.	5.7	21
57	3D conservation planning: Including aquifer protection in freshwater plans refines priorities without much additional effort. Aquatic Conservation: Marine and Freshwater Ecosystems, 2019, 29, 1063-1072.	2.0	20
58	Global hydro-environmental lake characteristics at high spatial resolution. Scientific Data, 2022, 9, .	5.3	20
59	Cost-effective river rehabilitation planning: Optimizing forÂmorphological benefits at large spatial scales. Journal of Environmental Management, 2014, 132, 296-303.	7.8	19
60	Systematic planning of disconnection to enhance conservation success in a modified world. Science of the Total Environment, 2015, 536, 1038-1044.	8.0	19
61	Optimal allocation of Red List assessments to guide conservation of biodiversity in a rapidly changing world. Global Change Biology, 2017, 23, 3525-3532.	9.5	19
62	Diurnal variation in freshwater ecoacoustics: Implications forÂsiteâ€level sampling design. Freshwater Biology, 2020, 65, 86-95.	2.4	19
63	Biodiversity: bridging the gap between condition and conservation. Hydrobiologia, 2003, 500, 203-211.	2.0	18
64	Prioritising catchment rehabilitation for multi objective management: An application from SE-Queensland, Australia. Ecological Modelling, 2015, 316, 168-175.	2.5	18
65	Minimizing cross-realm threats from land-use change: A national-scale conservation framework connecting land, freshwater and marine systems. Biological Conservation, 2021, 254, 108954.	4.1	18
66	Global forest restoration opportunities to foster coral reef conservation. Global Change Biology, 2021, 27, 5238-5252.	9.5	18
67	Estimating species richness and catch per unit effort from boat electroâ€fishing in a lowland river in temperate Australia. Austral Ecology, 2008, 33, 891-901.	1.5	16
68	Ecoacoustics can detect ecosystem responses to environmental water allocations. Freshwater Biology, 2020, 65, 133-141.	2.4	16
69	Impacts of fishing, river flow and connectivity loss on the conservation of a migratory fish population. Aquatic Conservation: Marine and Freshwater Ecosystems, 2018, 28, 45-54.	2.0	14
70	Conservation decision-making in large state spaces. Ecological Modelling, 2010, 221, 2531-2536.	2.5	13
71	Climate change decouples marine and freshwater habitats of a threatened migratory fish. Diversity and Distributions, 2017, 23, 751-760.	4.1	13
72	Information uncertainty influences conservation outcomes when prioritizing multiâ€action management efforts. Journal of Applied Ecology, 2018, 55, 2171-2180.	4.0	13

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73	Six steps towards operationalising freshwater ecoacoustic monitoring. Freshwater Biology, 2020, 65, 1-6.	2.4	11
74	Spatioâ€temporal heterogeneity in river sounds: Disentangling microâ€•and macroâ€variation in a chain of waterholes. Freshwater Biology, 2020, 65, 96-106.	2.4	11
75	Bioassessment of stream ecosystems enduring a decade of simulated degradation: lessons for the real world. Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69, 784-796.	1.4	10
76	Singing streams: Describing freshwater soundscapes with the help of acoustic indices. Ecology and Evolution, 2020, 10, 4979-4989.	1.9	10
77	Interdisciplinary approaches to freshwater ecoacoustics. Freshwater Science, 2020, 39, 356-361.	1.8	10
78	Tradeâ€offs in tripleâ€bottomâ€line outcomes when recovering fisheries. Fish and Fisheries, 2018, 19, 107-116.	5.3	8
79	Half century of protected area dynamism in the country of Gross National Happiness, Bhutan. Conservation Science and Practice, 2019, 1, e46.	2.0	8
80	Freshwater conservation planning in the context of nature needs half and protected area dynamism in Bhutan. Biological Conservation, 2020, 251, 108785.	4.1	8
81	River Listening: Acoustic Ecology and Aquatic Bioacoustics in Global River Systems. Leonardo, 2018, 51, 298-299.	0.3	6
82	Discrete vs. continuum approaches to the assessment of the ecological status in Iberian rivers, does the method matter?. Ecological Indicators, 2012, 18, 477-484.	6.3	5
83	Aquatic areas of ecological importance as inputs into surface water resource protection areas in Zambia. Aquatic Conservation: Marine and Freshwater Ecosystems, 2021, 31, 1983-1997.	2.0	5
84	Freshwater conservation planning. , 2015, , 437-466.		4
85	Fulfilling Nature Needs Half through terrestrial-focused protected areas and their adequacy for freshwater ecosystems and biodiversity protection: A case from Bhutan. Journal for Nature Conservation, 2020, 58, 125894.	1.8	4
86	Using climatic-geomorphological surrogates to identify complete and incidental freshwater conservation gaps within large river basins in China. Global Ecology and Conservation, 2021, 30, e01744.	2.1	4
87	Biodiversity Conservation of Aquatic Ecosystems. , 2022, , 641-652.		3
88	Biodiversity: bridging the gap between condition and conservation. , 2003, , 203-211.		1
89	Freshwater Ecoacousticsâ€"A New Addition to the Limnologistsâ€™ Methods Toolkit. , 2022, , .		0