Rebecca E Lester

List of Publications by Year
in descending order

50 papers	1,454 citations	394421 19 h-index	345221 36 g-index
50 all docs	50 docs citations	50 times ranked	2306 citing authors

#	Article	IF	Citations
1	Prioritising Sustainable Development Goals, characterising interactions, and identifying solutions for local sustainability. Environmental Science and Policy, 2022, 127, 325-336.	4.9	47
2	Evaluating the Ecological Benefits of Management Actions to Complement Environmental Flows in River Systems. Environmental Management, 2021, 67, 277-290.	2.7	3
3	Hydrological controls on oviposition habitat are associated with eggâ€laying phenology of some caddisflies. Freshwater Biology, 2021, 66, 1311-1327.	2.4	3
4	Characteristics and consequences of a disease outbreak in aquatic insects. Freshwater Biology, 2021, 66, 1267-1281.	2.4	0
5	Using Fractals to Describe Ecologically Relevant Patterns in Distributions of Large Rocks in Streams. Water Resources Research, 2021, 57, e2021WR029796.	4.2	5
6	Chironomidae (Midge) Sensitivities to Ammonia Using Multiple Endpoints in China and Australia for the Development of Water Quality Criteria for Freshwater River Systems in China. Environmental Toxicology and Chemistry, 2021, 40, 2899-2911.	4.3	0
7	Wise use: using ecological models to understand and manage aquatic ecosystems. Marine and Freshwater Research, 2020, 71, 46.	1.3	6
8	The use of fatty acids to identify food sources of secondary consumers in wetland mesocosms. Journal of Freshwater Ecology, 2020, 35, 173-189.	1.2	5
9	Basal resource quality and energy sources in three habitats of a lowland river ecosystem. Limnology and Oceanography, 2020, 65, 2757-2771.	3.1	12
10	Avoidance and aggregation create consistent egg distribution patterns of congeneric caddisflies across spatially variable oviposition landscapes. Oecologia, 2020, 192, 375-389.	2.0	7
11	Identifying multiple factors limiting long-term success in environmental watering. Marine and Freshwater Research, 2020, 71, 238.	1.3	7
12	Women in freshwater science: challenges and solutions for achieving equity. Marine and Freshwater Research, 2020, 71, i.	1.3	2
13	Local Agenda 2030 for sustainable development. Lancet Planetary Health, The, 2019, 3, e240-e241.	11.4	42
14	Short-term accumulation of fauna colonising natural versus artificial seagrass floating near to shore. Marine Biology, 2019, 166, 1.	1.5	5
15	Deriving site-specific water quality criteria for ammonia from national versus international toxicity data. Ecotoxicology and Environmental Safety, 2019, 171, 665-676.	6.0	19
16	Testing an environmental flow-based decision support tool: Evaluating the fish model in the Murray Flow Assessment Tool. Environmental Modelling and Software, 2019, 111, 72-93.	4.5	4
17	Developing a standardized definition of ecosystem collapse for risk assessment. Frontiers in Ecology and the Environment, 2018, 16, 29-36.	4.0	60
18	Nearshore drift dynamics of natural versus artificial seagrass wrack. Estuarine, Coastal and Shelf Science, 2018, 202, 164-171.	2.1	11

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19	Complex movement patterns by foraging loggerhead sea turtles outside the breeding season identified using Argosâ€linked Fastlocâ€Global Positioning System. Marine Ecology, 2018, 39, e12489.	1.1	29
20	Selecting and applying indicators of ecosystem collapse for risk assessments. Conservation Biology, 2018, 32, 1233-1245.	4.7	32
21	Soil organic carbon variability in Australian temperate freshwater wetlands. Limnology and Oceanography, 2018, 63, S254.	3.1	22
22	Anthropogenic water bodies as drought refuge for aquatic macroinvertebrates and macrophytes. Science of the Total Environment, 2018, 616-617, 543-553.	8.0	4
23	Trophic relationships among animals associated with drifting wrack. Marine and Freshwater Research, 2018, 69, 1248.	1.3	8
24	Fastloc-GPS reveals daytime departure and arrival during long-distance migration and the use of different resting strategies in sea turtles. Marine Biology, 2017, 164, 1.	1.5	27
25	Using multiple lines of evidence to assess the risk of ecosystem collapse. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170660.	2.6	46
26	Modelling food-web mediated effects of hydrological variability and environmental flows. Water Research, 2017, 124, 108-128.	11.3	26
27	A framework for evaluating food-web responses to hydrological manipulations in riverine systems. Journal of Environmental Management, 2017, 203, 136-150.	7.8	11
28	Establishing precise estimates of abundance in patchy habitats of the marine nearshore. Marine Environmental Research, 2016, 120, 68-77.	2.5	7
29	Limitations to the feasibility of using hypolimnetic releases to create refuges for riverine species in response to stream warming. Environmental Science and Policy, 2015, 54, 331-339.	4.9	16
30	Assessing the impact of drought and forestry on streamflows in south-eastern Australia using a physically based hydrological model. Environmental Earth Sciences, 2015, 74, 6047-6063.	2.7	38
31	Potential for water-resource infrastructure to act as refuge habitat. Ecological Engineering, 2015, 84, 136-148.	3.6	9
32	Hydrologic Landscape Regionalisation Using Deductive Classification and Random Forests. PLoS ONE, 2014, 9, e112856.	2.5	23
33	Predicting the likely response of dataâ€poor ecosystems to climate change using spaceâ€forâ€time substitution across domains. Global Change Biology, 2014, 20, 3471-3481.	9.5	44
34	Population genetic structure of the Australian caddisfly Lectrides varians Mosely (Trichoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Conservation, 2014, 18, 1037-1046.	1.4	8
35	Storm versus calm: Variation in fauna associated with drifting macrophytes in sandy beach surf zones. Journal of Experimental Marine Biology and Ecology, 2014, 461, 397-406.	1.5	22
36	Ecohydrological and socioeconomic integration for the operational management of environmental flows. , 2013, 23, 999-1016.		22

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37	Understanding the sources of uncertainty to reduce the risks of undesirable outcomes in large-scale freshwater ecosystem restoration projects: An example from the Murrayâ€“Darling Basin, Australia. Environmental Science and Policy, 2013, 33, 97-108.	4.9	20
38	Scenarios involving future climate and water extraction: ecosystem states in the estuary of Australia's largest river. , 2013, 23, 984-998.		5
39	Scientific Foundations for an IUCN Red List of Ecosystems. PLoS ONE, 2013, 8, e62111.	2.5	383
40	Integrated modelling of costâ€effective siting and operation of flowâ€control infrastructure for river ecosystem conservation. Water Resources Research, 2011, 47, .	4.2	19
41	A Ramsar wetland in crisis - the Coorong, Lower Lakes and Murray Mouth, Australia. Marine and Freshwater Research, 2011, 62, 255.	1.3	150
42	Linking water-resource models to ecosystem-response models to guide water-resource planning - an example from the Murray - Darling Basin, Australia. Marine and Freshwater Research, 2011, 62, 279.	1.3	35
43	Ecosystem states: Creating a data-derived, ecosystem-scale ecological response model that is explicit in space and time. Ecological Modelling, 2011, 222, 2690-2703.	2.5	13
44	Predicting future ecological degradation based on modelled thresholds. Marine Ecology - Progress Series, 2010, 413, 291-304.	1.9	8
45	Large versus small wood in streams: the effect of wood dimension on macroinvertebrate communities. Fundamental and Applied Limnology, 2009, 174, 339-351.	0.7	11
46	Modelling future conditions in the degraded semi-arid estuary of Australia's largest river using ecosystem states. Estuarine, Coastal and Shelf Science, 2009, 85, 1-11.	2.1	36
47	Reintroducing wood to streams in agricultural landscapes: changes in velocity profile, stage and erosion rates. River Research and Applications, 2009, 25, 376-392.	1.7	15
48	Rehabilitating Agricultural Streams in Australia with Wood: A Review. Environmental Management, 2008, 42, 310-326.	2.7	69
49	Does adding wood to agricultural streams enhance biodiversity? An experimental approach. Marine and Freshwater Research, 2007, 58, 687.	1.3	42
50	Determining target loads of large and small wood for stream rehabilitation in high-rainfall agricultural regions of Victoria, Australia. Ecological Engineering, 2006, 28, 71-78.	3.6	16