

Rebecca E Lester

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,454
citations

448610

19
h-index

388640

36
g-index

50
all docs

50
docs citations

50
times ranked

2573
citing authors

#	ARTICLE	IF	CITATIONS
1	Prioritising Sustainable Development Goals, characterising interactions, and identifying solutions for local sustainability. <i>Environmental Science and Policy</i> , 2022, 127, 325-336.	2.4	47
2	Evaluating the Ecological Benefits of Management Actions to Complement Environmental Flows in River Systems. <i>Environmental Management</i> , 2021, 67, 277-290.	1.2	3
3	Hydrological controls on oviposition habitat are associated with egg-laying phenology of some caddisflies. <i>Freshwater Biology</i> , 2021, 66, 1311-1327.	1.2	3
4	Characteristics and consequences of a disease outbreak in aquatic insects. <i>Freshwater Biology</i> , 2021, 66, 1267-1281.	1.2	0
5	Using Fractals to Describe Ecologically Relevant Patterns in Distributions of Large Rocks in Streams. <i>Water Resources Research</i> , 2021, 57, e2021WR029796.	1.7	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. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2899-2911.	2.2	0
7	Wise use: using ecological models to understand and manage aquatic ecosystems. <i>Marine and Freshwater Research</i> , 2020, 71, 46.	0.7	6
8	The use of fatty acids to identify food sources of secondary consumers in wetland mesocosms. <i>Journal of Freshwater Ecology</i> , 2020, 35, 173-189.	0.5	5
9	Basal resource quality and energy sources in three habitats of a lowland river ecosystem. <i>Limnology and Oceanography</i> , 2020, 65, 2757-2771.	1.6	12
10	Avoidance and aggregation create consistent egg distribution patterns of congeneric caddisflies across spatially variable oviposition landscapes. <i>Oecologia</i> , 2020, 192, 375-389.	0.9	7
11	Identifying multiple factors limiting long-term success in environmental watering. <i>Marine and Freshwater Research</i> , 2020, 71, 238.	0.7	7
12	Women in freshwater science: challenges and solutions for achieving equity. <i>Marine and Freshwater Research</i> , 2020, 71, i.	0.7	2
13	Local Agenda 2030 for sustainable development. <i>Lancet Planetary Health</i> , The, 2019, 3, e240-e241.	5.1	42
14	Short-term accumulation of fauna colonising natural versus artificial seagrass floating near to shore. <i>Marine Biology</i> , 2019, 166, 1.	0.7	5
15	Deriving site-specific water quality criteria for ammonia from national versus international toxicity data. <i>Ecotoxicology and Environmental Safety</i> , 2019, 171, 665-676.	2.9	19
16	Testing an environmental flow-based decision support tool: Evaluating the fish model in the Murray Flow Assessment Tool. <i>Environmental Modelling and Software</i> , 2019, 111, 72-93.	1.9	4
17	Developing a standardized definition of ecosystem collapse for risk assessment. <i>Frontiers in Ecology and the Environment</i> , 2018, 16, 29-36.	1.9	60
18	Nearshore drift dynamics of natural versus artificial seagrass wrack. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 202, 164-171.	0.9	11

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19	Complex movement patterns by foraging loggerhead sea turtles outside the breeding season identified using Argos-linked Fastloc-GPS. <i>Marine Ecology</i> , 2018, 39, e12489.	0.4	29
20	Selecting and applying indicators of ecosystem collapse for risk assessments. <i>Conservation Biology</i> , 2018, 32, 1233-1245.	2.4	32
21	Soil organic carbon variability in Australian temperate freshwater wetlands. <i>Limnology and Oceanography</i> , 2018, 63, S254.	1.6	22
22	Anthropogenic water bodies as drought refuge for aquatic macroinvertebrates and macrophytes. <i>Science of the Total Environment</i> , 2018, 616-617, 543-553.	3.9	4
23	Trophic relationships among animals associated with drifting wrack. <i>Marine and Freshwater Research</i> , 2018, 69, 1248.	0.7	8
24	Fastloc-GPS reveals daytime departure and arrival during long-distance migration and the use of different resting strategies in sea turtles. <i>Marine Biology</i> , 2017, 164, 1.	0.7	27
25	Using multiple lines of evidence to assess the risk of ecosystem collapse. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170660.	1.2	46
26	Modelling food-web mediated effects of hydrological variability and environmental flows. <i>Water Research</i> , 2017, 124, 108-128.	5.3	26
27	A framework for evaluating food-web responses to hydrological manipulations in riverine systems. <i>Journal of Environmental Management</i> , 2017, 203, 136-150.	3.8	11
28	Establishing precise estimates of abundance in patchy habitats of the marine nearshore. <i>Marine Environmental Research</i> , 2016, 120, 68-77.	1.1	7
29	Limitations to the feasibility of using hypolimnetic releases to create refuges for riverine species in response to stream warming. <i>Environmental Science and Policy</i> , 2015, 54, 331-339.	2.4	16
30	Assessing the impact of drought and forestry on streamflows in south-eastern Australia using a physically based hydrological model. <i>Environmental Earth Sciences</i> , 2015, 74, 6047-6063.	1.3	38
31	Potential for water-resource infrastructure to act as refuge habitat. <i>Ecological Engineering</i> , 2015, 84, 136-148.	1.6	9
32	Hydrologic Landscape Regionalisation Using Deductive Classification and Random Forests. <i>PLoS ONE</i> , 2014, 9, e112856.	1.1	23
33	Predicting the likely response of poor ecosystems to climate change using space-for-time substitution across domains. <i>Global Change Biology</i> , 2014, 20, 3471-3481.	4.2	44
34	Population genetic structure of the Australian caddisfly <i>Lectrides varians</i> Mosely (Trichoptera). <i>Conservation Biology</i> , 2014, 18, 1037-1046.	0.8	8
35	Storm versus calm: Variation in fauna associated with drifting macrophytes in sandy beach surf zones. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 461, 397-406.	0.7	22
36	Ecohydrological and socioeconomic integration for the operational management of environmental flows. <i>Environmental Science and Technology</i> , 2013, 47, 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 Murray-Darling Basin, Australia. <i>Environmental Science and Policy</i> , 2013, 33, 97-108.	2.4	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. <i>PLoS ONE</i> , 2013, 8, e62111.	1.1	383
40	Integrated modelling of cost-effective siting and operation of flow-control infrastructure for river ecosystem conservation. <i>Water Resources Research</i> , 2011, 47, .	1.7	19
41	A Ramsar wetland in crisis - the Coorong, Lower Lakes and Murray Mouth, Australia. <i>Marine and Freshwater Research</i> , 2011, 62, 255.	0.7	150
42	Linking water-resource models to ecosystem-response models to guide water-resource planning - an example from the Murray - Darling Basin, Australia. <i>Marine and Freshwater Research</i> , 2011, 62, 279.	0.7	35
43	Ecosystem states: Creating a data-derived, ecosystem-scale ecological response model that is explicit in space and time. <i>Ecological Modelling</i> , 2011, 222, 2690-2703.	1.2	13
44	Predicting future ecological degradation based on modelled thresholds. <i>Marine Ecology - Progress Series</i> , 2010, 413, 291-304.	0.9	8
45	Large versus small wood in streams: the effect of wood dimension on macroinvertebrate communities. <i>Fundamental and Applied Limnology</i> , 2009, 174, 339-351.	0.4	11
46	Modelling future conditions in the degraded semi-arid estuary of Australia's largest river using ecosystem states. <i>Estuarine, Coastal and Shelf Science</i> , 2009, 85, 1-11.	0.9	36
47	Reintroducing wood to streams in agricultural landscapes: changes in velocity profile, stage and erosion rates. <i>River Research and Applications</i> , 2009, 25, 376-392.	0.7	15
48	Rehabilitating Agricultural Streams in Australia with Wood: A Review. <i>Environmental Management</i> , 2008, 42, 310-326.	1.2	69
49	Does adding wood to agricultural streams enhance biodiversity? An experimental approach. <i>Marine and Freshwater Research</i> , 2007, 58, 687.	0.7	42
50	Determining target loads of large and small wood for stream rehabilitation in high-rainfall agricultural regions of Victoria, Australia. <i>Ecological Engineering</i> , 2006, 28, 71-78.	1.6	16