Laura E Dee

List of Publications by Year
in descending order

41 papers	3,107 citations	249298 26 h-index	312153 41 g-index
47 all docs	47 docs citations	47 times ranked	5557 citing authors

#	Article	IF	Citations
1	Expert perspectives on global biodiversity loss and its drivers and impacts on people. Frontiers in Ecology and the Environment, 2023, 21, 94-103.	1.9	49
2	The number of tree species on Earth. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	86
3	Conceptualizing ecosystem services using socialâ€“ecological networks. Trends in Ecology and Evolution, 2022, 37, 211-222.	4.2	32
4	Invasive species do not exploit early growing seasons in burned tallgrass prairies. Ecological Applications, 2022, 32, e2641.	1.8	2
5	Guiding large-scale management of invasive species using network metrics. Nature Sustainability, 2022, 5, 762-769.	11.5	5
6	Scaling up biodiversityâ€“ecosystem functioning relationships: the role of environmental heterogeneity in space and time. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20202779.	1.2	24
7	An ecological network approach to predict ecosystem service vulnerability to species losses. Nature Communications, 2021, 12, 1586.	5.8	38
8	How complementarity and selection affect the relationship between ecosystem functioning and stability. Ecology, 2021, 102, e03347.	1.5	38
9	Biodiversity as insurance: from concept to measurement and application. Biological Reviews, 2021, 96, 2333-2354.	4.7	101
10	Biodiversityâ€“productivity relationships are key to nature-based climate solutions. Nature Climate Change, 2021, 11, 543-550.	8.1	77
11	On the sensitivity of food webs to multiple stressors. Ecology Letters, 2021, 24, 2219-2237.	3.0	30
12	Improved forest management as a natural climate solution: A review. Ecological Solutions and Evidence, 2021, 2, e12090.	0.8	28
13	Causal assumptions and causal inference in ecological experiments. Trends in Ecology and Evolution, 2021, 36, 1141-1152.	4.2	30
14	Grand challenges in biodiversityâ€“ecosystem functioning research in the era of scienceâ€“policy platforms require explicit consideration of feedbacks. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210783.	1.2	8
15	Analyzing ecosystem services as part of ecological networks in three salt marsh ecosystems. Ecology, 2021, , e3609.	1.5	2
16	General destabilizing effects of eutrophication on grassland productivity at multiple spatial scales. Nature Communications, 2020, 11, 5375.	5.8	75
17	Temperature variability alters the stability and thresholds for collapse of interacting species. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190457.	1.8	20
18	Scalingâ€up biodiversityâ€ecosystem functioning research. Ecology Letters, 2020, 23, 757-776.	3.0	270

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19	Marine conservation: towards a multi-layered network approach. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190459.	1.8	8
20	The value of understanding feedbacks from ecosystem functions to species for managing ecosystems. Nature Communications, 2019, 10, 3901.	5.8	19
21	Assessing Vulnerability of Fish in the U.S. Marine Aquarium Trade. Frontiers in Marine Science, 2019, 5, .	1.2	12
22	Improving network approaches to the study of complex socialâ€“ecological interdependencies. Nature Sustainability, 2019, 2, 551-559.	11.5	154
23	When Do Ecosystem Services Depend on Rare Species?. Trends in Ecology and Evolution, 2019, 34, 746-758.	4.2	159
24	Reimagining the potential of Earth observations for ecosystem service assessments. Science of the Total Environment, 2019, 665, 1053-1063.	3.9	39
25	Quantifying effects of biodiversity on ecosystem functioning across times and places. Ecology Letters, 2018, 21, 763-778.	3.0	157
26	Winâ€wins for biodiversity and ecosystem service conservation depend on the trophic levels of the species providing services. Journal of Applied Ecology, 2018, 55, 2160-2170.	1.9	28
27	Do Socialâ€“Ecological Syndromes Predict Outcomes for Ecosystem Services? â€“ a Reply to Bodin et al.. Trends in Ecology and Evolution, 2017, 32, 549-552.	4.2	6
28	To what extent can ecosystem services motivate protecting biodiversity?. Ecology Letters, 2017, 20, 935-946.	3.0	45
29	Operationalizing Network Theory for Ecosystem Service Assessments. Trends in Ecology and Evolution, 2017, 32, 118-130.	4.2	103
30	Incorporating climate change into ecosystem service assessments and decisions: a review. Global Change Biology, 2017, 23, 28-41.	4.2	174
31	A general biodiversityâ€“function relationship is mediated by trophic level. Oikos, 2017, 126, 18-31.	1.2	112
32	Remote sensing of species dominance and the value for quantifying ecosystem services. Remote Sensing in Ecology and Conservation, 2016, 2, 141-151.	2.2	13
33	Functional diversity of catch mitigates negative effects of temperature variability on fisheries yields. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161435.	1.2	33
34	Linking multidimensional functional diversity to quantitative methods: a graphical hypothesisâ€evaluation framework. Ecology, 2016, 97, 583-593.	1.5	71
35	Drivers of Daily Routines in an Ectothermic Marine Predator: Hunt Warm, Rest Warmer?. PLoS ONE, 2015, 10, e0127807.	1.1	79
36	Conservation and management of ornamental coral reef wildlife: Successes, shortcomings, and future directions. Biological Conservation, 2014, 169, 225-237.	1.9	75

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37	Linking Biodiversity and Ecosystem Services: Current Uncertainties and the Necessary Next Steps. BioScience, 2014, 64, 49-57.	2.2	285
38	Investigating the relationship between biodiversity and ecosystem multifunctionality: challenges and solutions. Methods in Ecology and Evolution, 2014, 5, 111-124.	2.2	533
39	Assessing and managing dataâ€limited ornamental fisheries in coral reefs. Fish and Fisheries, 2014, 15, 661-675.	2.7	52
40	Refugia and top-down control of the pencil urchin Eucidaris galapagensis in the GalÃ¡pagos Marine Reserve. Journal of Experimental Marine Biology and Ecology, 2012, 416-417, 135-143.	0.7	29
41	Linking multidimensional functional diversity to quantitative methods: A graphical hypothesis-evaluation framework. Ecology, 0, , .	1.5	1