Laura E Dee

List of Publications by Year
in descending order

41	3,107	218677	276875
papers	citations	26 h-index	41 g-index

47	47	47	4965
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Investigating the relationship between biodiversity and ecosystem multifunctionality: challenges and solutions. Methods in Ecology and Evolution, 2014, 5, 111-124.	5.2	533
2	Linking Biodiversity and Ecosystem Services: Current Uncertainties and the Necessary Next Steps. BioScience, 2014, 64, 49-57.	4.9	285
3	Scalingâ€up biodiversityâ€ecosystem functioning research. Ecology Letters, 2020, 23, 757-776.	6.4	270
4	Incorporating climate change into ecosystem service assessments and decisions: a review. Global Change Biology, 2017, 23, 28-41.	9.5	174
5	When Do Ecosystem Services Depend on Rare Species?. Trends in Ecology and Evolution, 2019, 34, 746-758.	8.7	159
6	Quantifying effects of biodiversity on ecosystem functioning across times and places. Ecology Letters, 2018, 21, 763-778.	6.4	157
7	Improving network approaches to the study of complex socialâ€“ecological interdependencies. Nature Sustainability, 2019, 2, 551-559.	23.7	154
8	A general biodiversityâ€“function relationship is mediated by trophic level. Oikos, 2017, 126, 18-31.	2.7	112
9	Operationalizing Network Theory for Ecosystem Service Assessments. Trends in Ecology and Evolution, 2017, 32, 118-130.	8.7	103
10	Biodiversity as insurance: from concept to measurement and application. Biological Reviews, 2021, 96, 2333-2354.	10.4	101
11	The number of tree species on Earth. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	86
12	Drivers of Daily Routines in an Ectothermic Marine Predator: Hunt Warm, Rest Warmer?. PLoS ONE, 2015, 10, e0127807.	2.5	79
13	Biodiversityâ€“productivity relationships are key to nature-based climate solutions. Nature Climate Change, 2021, 11, 543-550.	18.8	77
14	Conservation and management of ornamental coral reef wildlife: Successes, shortcomings, and future directions. Biological Conservation, 2014, 169, 225-237.	4.1	75
15	General destabilizing effects of eutrophication on grassland productivity at multiple spatial scales. Nature Communications, 2020, 11, 5375.	12.8	75
16	Linking multidimensional functional diversity to quantitative methods: a graphical hypothesisâ€evaluation framework. Ecology, 2016, 97, 583-593.	3.2	71
17	Assessing and managing dataâ€limited ornamental fisheries in coral reefs. Fish and Fisheries, 2014, 15, 661-675.	5.3	52
18	Expert perspectives on global biodiversity loss and its drivers and impacts on people. Frontiers in Ecology and the Environment, 2023, 21, 94-103.	4.0	49

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19	To what extent can ecosystem services motivate protecting biodiversity?. Ecology Letters, 2017, 20, 935-946.	6.4	45
20	Reimagining the potential of Earth observations for ecosystem service assessments. Science of the Total Environment, 2019, 665, 1053-1063.	8.0	39
21	An ecological network approach to predict ecosystem service vulnerability to species losses. Nature Communications, 2021, 12, 1586.	12.8	38
22	How complementarity and selection affect the relationship between ecosystem functioning and stability. Ecology, 2021, 102, e03347.	3.2	38
23	Functional diversity of catch mitigates negative effects of temperature variability on fisheries yields. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161435.	2.6	33
24	Conceptualizing ecosystem services using socialâ€“ecological networks. Trends in Ecology and Evolution, 2022, 37, 211-222.	8.7	32
25	On the sensitivity of food webs to multiple stressors. Ecology Letters, 2021, 24, 2219-2237.	6.4	30
26	Causal assumptions and causal inference in ecological experiments. Trends in Ecology and Evolution, 2021, 36, 1141-1152.	8.7	30
27	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.	1.5	29
28	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.	4.0	28
29	Improved forest management as a natural climate solution: A review. Ecological Solutions and Evidence, 2021, 2, e12090.	2.0	28
30	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.	2.6	24
31	Temperature variability alters the stability and thresholds for collapse of interacting species. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190457.	4.0	20
32	The value of understanding feedbacks from ecosystem functions to species for managing ecosystems. Nature Communications, 2019, 10, 3901.	12.8	19
33	Remote sensing of species dominance and the value for quantifying ecosystem services. Remote Sensing in Ecology and Conservation, 2016, 2, 141-151.	4.3	13
34	Assessing Vulnerability of Fish in the U.S. Marine Aquarium Trade. Frontiers in Marine Science, 2019, 5, .	2.5	12
35	Marine conservation: towards a multi-layered network approach. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190459.	4.0	8
36	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.	2.6	8

#	Article	IF	Citations
37	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.	8.7	6
38	Guiding large-scale management of invasive species using network metrics. Nature Sustainability, 2022, 5, 762-769.	23.7	5
39	Analyzing ecosystem services as part of ecological networks in three salt marsh ecosystems. Ecology, 2021, , e3609.	3.2	2
40	Invasive species do not exploit early growing seasons in burned tallgrass prairies. Ecological Applications, 2022, 32, e2641.	3.8	2
41	Linking multidimensional functional diversity to quantitative methods: A graphical hypothesis-evaluation framework. Ecology, 0, , .	3.2	1