Jes Hines

List of Publications by Year in descending order

52 papers	3,351 citations	201674 27 h-index	197818 49 g-index
56 all docs	56 docs citations	56 times ranked	6153 citing authors

#	Article	IF	Citations
1	Associational Resistance and Associational Susceptibility: Having Right or Wrong Neighbors. Annual Review of Ecology, Evolution, and Systematics, 2009, 40, 1-20.	8.3	631
2	The geography of biodiversity change in marine and terrestrial assemblages. Science, 2019, 366, 339-345.	12.6	385
3	Multiple facets of biodiversity drive the diversityâ€“stability relationship. Nature Ecology and Evolution, 2018, 2, 1579-1587.	7.8	296
4	Mapping human pressures on biodiversity across the planet uncovers anthropogenic threat complexes. People and Nature, 2020, 2, 380-394.	3.7	139
5	EDITOR'S CHOICE: Application of genetic diversityâ€“ecosystem function research to ecological restoration. Journal of Applied Ecology, 2014, 51, 339-348.	4.0	124
6	Biodiversityâ€“ecosystem function experiments reveal the mechanisms underlying the consequences of biodiversity change in real world ecosystems. Journal of Vegetation Science, 2016, 27, 1061-1070.	2.2	107
7	Operationalizing Network Theory for Ecosystem Service Assessments. Trends in Ecology and Evolution, 2017, 32, 118-130.	8.7	103
8	Global mismatches in aboveground and belowground biodiversity. Conservation Biology, 2019, 33, 1187-1192.	4.7	103
9	Global gaps in soil biodiversity data. Nature Ecology and Evolution, 2018, 2, 1042-1043.	7.8	99
10	A multitrophic perspective on biodiversityâ€“ecosystem functioning research. Advances in Ecological Research, 2019, 61, 1-54.	2.7	95
11	Towards an Integration of Biodiversityâ€“Ecosystem Functioning and Food Web Theory to Evaluate Relationships between Multiple Ecosystem Services. Advances in Ecological Research, 2015, , 161-199.	2.7	87
12	Detritivory: stoichiometry of a neglected trophic level. Ecological Research, 2008, 23, 487-491.	1.5	85
13	Plant diversity effects on arthropods and arthropod-dependent ecosystem functions in a biodiversity experiment. Basic and Applied Ecology, 2018, 26, 50-63.	2.7	84
14	A niche for ecosystem multifunctionality in global change research. Global Change Biology, 2019, 25, 763-774.	9.5	80
15	Biodiversity enhances the multitrophic control of arthropod herbivory. Science Advances, 2020, 6, .	10.3	68
16	Mating for variety increases foraging activity in the harvester ant, Pogonomyrmex occidentalis. Molecular Ecology, 2008, 17, 1137-1144.	3.9	59
17	Plant diversity maintains multiple soil functions in future environments. ELife, 2018, 7, .	6.0	54
18	NUTRIENT SUBSIDIES TO BELOWGROUND MICROBES IMPACT ABOVEGROUND FOOD WEB INTERACTIONS. Ecology, 2006, 87, 1542-1555.	3.2	53

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19	Mycorrhiza in tree diversityâ€“ecosystem function relationships: conceptual framework and experimental implementation. Ecosphere, 2018, 9, e02226.	2.2	49
20	fluxweb: An <scp>R</scp> package to easily estimate energy fluxes in food webs. Methods in Ecology and Evolution, 2019, 10, 270-279.	5.2	49
21	Elevated CO2 and warming shift the functional composition of soil nematode communities in a semiarid grassland. Soil Biology and Biochemistry, 2016, 103, 46-51.	8.8	47
22	Biodiversity increases multitrophic energy use efficiency, flow and storage in grasslands. Nature Ecology and Evolution, 2020, 4, 393-405.	7.8	45
23	10 Years Later. Advances in Ecological Research, 2015, 53, 1-53.	2.7	43
24	Silica decouples fungal growth and litter decomposition without changing responses to climate warming and N enrichment. Ecology, 2014, 95, 3181-3189.	3.2	42
25	Plant diversity alters the representation of motifs in food webs. Nature Communications, 2019, 10, 1226.	12.8	41
26	A crossâ€scale assessment of productivityâ€“diversity relationships. Global Ecology and Biogeography, 2020, 29, 1940-1955.	5.8	35
27	The Dark Side of Animal Phenology. Trends in Ecology and Evolution, 2018, 33, 898-901.	8.7	33
28	Consumer trophic diversity as a fundamental mechanism linking predation and ecosystem functioning. Journal of Animal Ecology, 2012, 81, 1146-1153.	2.8	26
29	Genotypic trait variation modifies effects of climate warming and nitrogen deposition on litter mass loss and microbial respiration. Global Change Biology, 2014, 20, 3780-3789.	9.5	23
30	Earthworms modulate the effects of climate warming on the taxon richness of soil meso- and macrofauna in an agricultural system. Agriculture, Ecosystems and Environment, 2019, 278, 72-80.	5.3	23
31	Biotic interactions, community assembly, and eco-evolutionary dynamics as drivers of long-term biodiversityâ€“ecosystem functioning relationships. Research Ideas and Outcomes, 0, 5, .	1.0	23
32	Interâ€annual changes in detritusâ€based food chains can enhance plant growth response to elevated atmospheric <scp>CO</scp>₂. Global Change Biology, 2015, 21, 4642-4650.	9.5	19
33	Soil fauna diversity and chemical stressors: a review of knowledge gaps and roadmap for future research. Ecography, 2021, 44, 845-859.	4.5	19
34	Ecosystem responses to exotic earthworm invasion in northern North American forests. Research Ideas and Outcomes, 2019, 5, .	1.0	18
35	Mapping change in biodiversity and ecosystem function research: food webs foster integration of experiments and science policy. Advances in Ecological Research, 2019, , 297-322.	2.7	16
36	Density constrains cascading consequences of warming and nitrogen from invertebrate growth to litter decomposition. Ecology, 2016, 97, 1635-1642.	3.2	13

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37	A meta food web for invertebrate species collected in a European grassland. Ecology, 2019, 100, e02679.	3.2	13
38	Invertebrate biodiversity and conservation. Current Biology, 2021, 31, R1214-R1218.	3.9	13
39	Sap-feeding Insect Communities as Indicators of Habitat Fragmentation and Nutrient Subsidies. Journal of Insect Conservation, 2005, 9, 261-280.	1.4	12
40	Organic textile dye improves the visual assessment of the bait-lamina test. Applied Soil Ecology, 2014, 82, 78-81.	4.3	11
41	Biotic Interactions as Mediators of Context-Dependent Biodiversity-Ecosystem Functioning Relationships. Research Ideas and Outcomes, 0, 8, .	1.0	10
42	A field facility to simulate climate warming and increased nutrient supply in shallow aquatic ecosystems. Oecologia, 2013, 173, 1169-1178.	2.0	9
43	The functionâ€dominance correlation drives the direction and strength of biodiversityâ€“ecosystem functioning relationships. Ecology Letters, 2021, 24, 1762-1775.	6.4	8
44	The iDiv Ecotronâ€”A flexible research platform for multitrophic biodiversity research. Ecology and Evolution, 2021, 11, 15174-15190.	1.9	8
45	Common competitors and rare friends. Nature Ecology and Evolution, 2020, 4, 8-9.	7.8	6
46	Biodiversity: Monitoring trends and implications forÂecosystem functioning. Current Biology, 2021, 31, R1390-R1392.	3.9	6
47	Stress as a modifier of biodiversity effects on ecosystem processes?. Journal of Animal Ecology, 2012, 81, 1143-1145.	2.8	5
48	Soilâ€mediated effects of global change on plant communities depend on plant growth form. Ecosphere, 2017, 8, e01996.	2.2	5
49	Ecosystem Functioning: How Much System Is Needed to Explain Function?. Current Biology, 2019, 29, R1072-R1074.	3.9	5
50	Is initial Si concentration determining the influence of warming and N-supply on stoichiometric changes during litter decomposition?. Aquatic Botany, 2017, 138, 1-8.	1.6	1
51	Species identity and the functioning of ecosystems: the role of detritivore traits and trophic interactions in connecting of multiple ecosystem responses. Oikos, 2021, 130, 1692.	2.7	1
52	Local-scale changes in plant diversity: reassessments and implications for biodiversityâ€“ecosystem function experiments. Proceedings of Peerage of Science, 0, , .	0.0	1