Elisa ThÃ©bault

List of Publications by Year
in descending order

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59 papers	6,878 citations	136950 32 h-index	168389 53 g-index
60 all docs	60 docs citations	60 times ranked	9205 citing authors

#	Article	IF	Citations
1	Stability of Ecological Communities and the Architecture of Mutualistic and Trophic Networks. Science, 2010, 329, 853-856.	12.6	1,306
2	The functional role of biodiversity in ecosystems: incorporating trophic complexity. Ecology Letters, 2007, 10, 522-538.	6.4	808
3	Intensive agriculture reduces soil biodiversity across Europe. Global Change Biology, 2015, 21, 973-985.	9.5	641
4	Soil food web properties explain ecosystem services across European land use systems. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 14296-14301.	7.1	520
5	Ecophylogenetics: advances and perspectives. Biological Reviews, 2012, 87, 769-785.	10.4	341
6	The ecological and evolutionary implications of merging different types of networks. Ecology Letters, 2011, 14, 1170-1181.	6.4	332
7	Food-web constraints on biodiversity-ecosystem functioning relationships. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 14949-14954.	7.1	253
8	Island Species Richness Increases with Habitat Diversity. American Naturalist, 2009, 174, E205-E217.	2.1	219
9	Plant Pollinator Networks along a Gradient of Urbanisation. PLoS ONE, 2013, 8, e63421.	2.5	163
10	Trophic Interactions and the Relationship between Species Diversity and Ecosystem Stability. American Naturalist, 2005, 166, E95-E114.	2.1	154
11	Advancing our understanding of ecological stability. Ecology Letters, 2019, 22, 1349-1356.	6.4	147
12	Massively Introduced Managed Species and Their Consequences for Plantâ€“Pollinator Interactions. Advances in Ecological Research, 2017, 57, 147-199.	2.7	125
13	The relationship between biodiversity and ecosystem functioning in food webs. Ecological Research, 2006, 21, 17-25.	1.5	121
14	Predicting the consequences of species loss using sizeâ€structured biodiversity approaches. Biological Reviews, 2017, 92, 684-697.	10.4	108
15	Structureâ€“stability relationships in networks combining mutualistic and antagonistic interactions. Oikos, 2014, 123, 378-384.	2.7	101
16	Trophic redundancy reduces vulnerability to extinction cascades. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2419-2424.	7.1	99
17	Interactions between the green and brown food web determine ecosystem functioning. Functional Ecology, 2016, 30, 1454-1465.	3.6	97
18	Identifying compartments in presenceâ€“absence matrices and bipartite networks: insights into modularity measures. Journal of Biogeography, 2013, 40, 759-768.	3.0	88

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19	Integrating ecosystem engineering and food webs. Oikos, 2014, 123, 513-524.	2.7	87
20	Cascading extinctions and ecosystem functioning: contrasting effects of diversity depending on food web structure. Oikos, 2007, 116, 163-173.	2.7	85
21	Functionally and phylogenetically diverse plant communities key to soil biota. Ecology, 2013, 94, 1878-1885.	3.2	80
22	Are insect pollinators more generalist than insect herbivores?. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 3027-3033.	2.6	75
23	Species richness can decrease with altitude but not with habitat diversity. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2149-50.	7.1	64
24	Seeing the forest for the trees: Putting multilayer networks to work for community ecology. Functional Ecology, 2019, 33, 206-217.	3.6	57
25	How plants connect pollination and herbivory networks and their contribution to community stability. Ecology, 2016, 97, 908-917.	3.2	55
26	Phenological shifts alter the seasonal structure of pollinator assemblages in Europe. Nature Ecology and Evolution, 2020, 4, 115-121.	7.8	55
27	Response of avian diversity to habitat modification can be predicted from life-history traits and ecological attributes. Landscape Ecology, 2015, 30, 1225-1239.	4.2	52
28	There's no harm in having too much: A comprehensive toolbox of methods in trophic ecology. Food Webs, 2018, 17, e00100.	1.2	47
29	Soil Food Web Changes during Spontaneous Succession at Post Mining Sites: A Possible Ecosystem Engineering Effect on Food Web Organization?. PLoS ONE, 2013, 8, e79694.	2.5	46
30	Does asymmetric specialization differ between mutualistic and trophic networks?. Oikos, 2008, 117, 555-563.	2.7	43
31	Plant diversity enhances the reliability of belowground processes. Soil Biology and Biochemistry, 2010, 42, 2102-2110.	8.8	39
32	Spatiotemporal changes in flying insect abundance and their functional diversity as a function of distance to natural habitats in a mass flowering crop. Agriculture, Ecosystems and Environment, 2016, 229, 21-29.	5.3	39
33	Urbanization and agricultural intensification destabilize animal communities differently than diversity loss. Nature Communications, 2020, 11, 2686.	12.8	39
34	Longâ€term effects of global change on occupancy and flight period of wild bees in Belgium. Global Change Biology, 2020, 26, 6753-6766.	9.5	36
35	Soil and Freshwater and Marine Sediment Food Webs: Their Structure and Function. BioScience, 2013, 63, 35-42.	4.9	34
36	Trophic groups and modules: two levels of group detection in food webs. Journal of the Royal Society Interface, 2015, 12, 20141176.	3.4	32

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37	Comparing the conservatism of ecological interactions in plantâ€“pollinator and plantâ€“herbivore networks. Population Ecology, 2015, 57, 29-36.	1.2	31
38	Natural vegetation benefits synergistic control of the three main insect and pathogen pests of a fruit crop in southern Africa. Journal of Applied Ecology, 2015, 52, 1092-1101.	4.0	30
39	How plants connect pollination and herbivory networks and their contribution to community stability. Ecology, 2016, 97, 908-17.	3.2	29
40	Relative effects of anthropogenic pressures, climate, and sampling design on the structure of pollination networks at the global scale. Global Change Biology, 2021, 27, 1266-1280.	9.5	27
41	Alien plants have greater impact than habitat fragmentation on native insect flower visitation networks. Diversity and Distributions, 2018, 24, 58-68.	4.1	24
42	Indirect interactions between crops and natural vegetation through flower visitors: the importance of temporal as well as spatial spillover. Agriculture, Ecosystems and Environment, 2018, 253, 148-156.	5.3	19
43	Species richness and foodâ€web structure jointly drive community biomass and its temporal stability in fish communities. Ecology Letters, 2021, 24, 2364-2377.	6.4	19
44	Stability of a diamond-shaped module with multiple interaction types. Theoretical Ecology, 2016, 9, 27-37.	1.0	15
45	Small freshwater ecosystems with dissimilar microbial communities exhibit similar temporal patterns. Molecular Ecology, 2021, 30, 2162-2177.	3.9	15
46	Density dependence and environmental factors affect population stability of an agricultural pest and its specialist parasitoid. BioControl, 2017, 62, 175-184.	2.0	13
47	Seasonal dynamics of competition between honey bees and wild bees in a protected Mediterranean scrubland. Oikos, 2022, 2022, .	2.7	11
48	Exotic plants growing in crop field margins provide little support to mango crop flower visitors. Agriculture, Ecosystems and Environment, 2017, 250, 72-80.	5.3	10
49	Vicinal land use change strongly drives stream bacterial community in a tropical montane catchment. FEMS Microbiology Ecology, 2018, 94, .	2.7	10
50	Phenological traits foster persistence of mutualistic networks by promoting facilitation. Ecology Letters, 2021, 24, 2088-2099.	6.4	8
51	A major subtropical fruit pest accumulates in crop fields and spills over to a wild host. Agriculture, Ecosystems and Environment, 2017, 242, 102-109.	5.3	7
52	Toward Multiplex Ecological Networks: Accounting for Multiple Interaction Types to Understand Community Structure and Dynamics. , 0, , 73-87.		6
53	FOOD WEBS AND THE RELATIONSHIP BETWEEN BIODIVERSITY AND ECOSYSTEM FUNCTIONING. , 2005, , 270-282.		6
54	Interplay between the paradox of enrichment and nutrient cycling in food webs. Oikos, 2021, 130, 95-109.	2.7	5

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55	Merging Antagonistic and Mutualistic Bipartite Webs: A First Step to Integrate Interaction Diversity into Network Approaches. , 0, , 62-72.		1
56	How plants connect pollination and herbivory networks and their contribution to community stability. Ecology, 2016, , .	3.2	1
57	Uncertain predictions of species responses to perturbations lead to underestimate changes at ecosystem level in diverse systems. Peer Community in Ecology, 0, , .	0.0	1
58	Spatiotemporal beta diversity of plankton species and their interactions in permanent and temporal waterholes in a semiarid savannah. Inland Waters, 2021, 11, 508-521.	2.2	0
59	On the importance of stoichiometric constraints for understanding global change effects on food web dynamics. Peer Community in Ecology, 0, , 100039.	0.0	0