Colin Fontaine

List of Publications by Year
in descending order

52 papers	4,744 citations	186265 28 h-index	189892 50 g-index
54 all docs	54 docs citations	54 times ranked	6720 citing authors

#	Article	IF	Citations
1	Online data sharing with virtual social interactions favor scientific and educational successes in a biodiversity citizen science project. Journal of Responsible Innovation, 2023, 10, .	4.9	3
2	Weeds from non-flowering crops as potential contributors to oilseed rape pollination. Agriculture, Ecosystems and Environment, 2022, 336, 108026.	5.3	9
3	Fitness effects of plasmids shape the structure of bacteriaâ€“plasmid interaction networks. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	11
4	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
5	Not just honeybees: predatory habits ofVespa velutina(Hymenoptera: Vespidae) in France. Annales De La Societe Entomologique De France, 2021, 57, 1-11.	0.9	34
6	Phenological traits foster persistence of mutualistic networks by promoting facilitation. Ecology Letters, 2021, 24, 2088-2099.	6.4	8
7	Do amateurs and citizen science fill the gaps left by scientists?. Current Opinion in Insect Science, 2021, 46, 83-87.	4.4	16
8	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
9	Wasteland, a Refuge for Biodiversity, for Humanity. Cities and Nature, 2021, , 87-112.	1.0	0
10	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
11	Miss-identification detection in citizen science platform for biodiversity monitoring using machine learning. Ecological Informatics, 2020, 60, 101176.	5.2	3
12	Urbanization and agricultural intensification destabilize animal communities differently than diversity loss. Nature Communications, 2020, 11, 2686.	12.8	39
13	Empidine dance flies pollinate the woodland geranium as effectively as bees. Biology Letters, 2019, 15, 20190230.	2.3	7
14	Advancing our understanding of ecological stability. Ecology Letters, 2019, 22, 1349-1356.	6.4	147
15	Wild pollinator activity negatively related to honey bee colony densities in urban context. PLoS ONE, 2019, 14, e0222316.	2.5	73
16	New indices for rapid assessment of pollination services based on crop yield data: France as a case study. Ecological Indicators, 2019, 101, 355-363.	6.3	12
17	Beyond species richness and biomass: Impact of selective logging and silvicultural treatments on the functional composition of a neotropical forest. Forest Ecology and Management, 2019, 433, 528-534.	3.2	23
18	Floral morphology as the main driver of flower-feeding insect occurrences in the Paris region. Urban Ecosystems, 2018, 21, 585-598.	2.4	16

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19	Fostering close encounters of the entomological kind. Frontiers in Ecology and the Environment, 2018, 16, 202-203.	4.0	37
20	Altitudinal, temporal and trophic partitioning of flower-visitors in Alpine communities. Scientific Reports, 2018, 8, 4706.	3.3	68
21	Rush hours in flower visitors over a dayâ€“night cycle. Insect Conservation and Diversity, 2018, 11, 267-275.	3.0	26
22	Fixism and conservation science. Conservation Biology, 2017, 31, 781-788.	4.7	16
23	Artificial light at night as a new threat to pollination. Nature, 2017, 548, 206-209.	27.8	313
24	Relative importance of the landâ€use composition and intensity for the bird community composition in anthropogenic landscapes. Ecology and Evolution, 2017, 7, 10513-10535.	1.9	18
25	How plants connect pollination and herbivory networks and their contribution to community stability. Ecology, 2016, 97, 908-917.	3.2	55
26	Evolution of Compatibility Range in the Riceâ€'Magnaporthe oryzae System: An Uneven Distribution of R Genes Between Rice Subspecies. Phytopathology, 2016, 106, 348-354.	2.2	21
27	The Visualisation of Ecological Networks, and Their Use as a Tool for Engagement, Advocacy and Management. Advances in Ecological Research, 2016, , 41-85.	2.7	45
28	Functional homogenization of flower visitor communities with urbanization. Ecology and Evolution, 2016, 6, 1967-1976.	1.9	100
29	Stability of a diamond-shaped module with multiple interaction types. Theoretical Ecology, 2016, 9, 27-37.	1.0	15
30	How plants connect pollination and herbivory networks and their contribution to community stability. Ecology, 2016, 97, 908-17.	3.2	29
31	10 Years Later. Advances in Ecological Research, 2015, 53, 1-53.	2.7	43
32	Comparing the conservatism of ecological interactions in plantâ€“pollinator and plantâ€“herbivore networks. Population Ecology, 2015, 57, 29-36.	1.2	31
33	Structureâ€“stability relationships in networks combining mutualistic and antagonistic interactions. Oikos, 2014, 123, 378-384.	2.7	101
34	Are empidine dance flies major flower visitors in alpine environments? A case study in the Alps, France. Biology Letters, 2014, 10, 20140742.	2.3	36
35	Largeâ€scale tradeâ€off between agricultural intensification and crop pollination services. Frontiers in Ecology and the Environment, 2014, 12, 212-217.	4.0	144
36	Evaluation of landscape connectivity at community level using satellite-derived NDVI. Landscape Ecology, 2013, 28, 95-105.	4.2	29

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37	Abundant equals nested. Nature, 2013, 500, 411-412.	27.8	15
38	Evolutionary History and Ecological Processes Shape a Local Multilevel Antagonistic Network. Current Biology, 2013, 23, 1355-1359.	3.9	56
39	FORUM: Sustaining ecosystem functions in a changing world: a call for an integrated approach. Journal of Applied Ecology, 2013, 50, 1124-1130.	4.0	37
40	Ecophylogenetics: advances and perspectives. Biological Reviews, 2012, 87, 769-785.	10.4	341
41	New Species in the Old World: Europe as a Frontier in Biodiversity Exploration, a Test Bed for 21st Century Taxonomy. PLoS ONE, 2012, 7, e36881.	2.5	87
42	The Whereabouts of Flower Visitors: Contrasting Land-Use Preferences Revealed by a Country-Wide Survey Based on Citizen Science. PLoS ONE, 2012, 7, e45822.	2.5	106
43	The ecological and evolutionary implications of merging different types of networks. Ecology Letters, 2011, 14, 1170-1181.	6.4	332
44	Are island and mainland biotas different? Richness and level of generalism in parasitoids of a microlepidopteran in Macaronesia. Oikos, 2011, 120, 1256-1262.	2.7	17
45	Stability of Ecological Communities and the Architecture of Mutualistic and Trophic Networks. Science, 2010, 329, 853-856.	12.6	1,306
46	Are insect pollinators more generalist than insect herbivores?. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 3027-3033.	2.6	75
47	Does asymmetric specialization differ between mutualistic and trophic networks?. Oikos, 2008, 117, 555-563.	2.7	43
48	Generalist foraging of pollinators: diet expansion at high density. Journal of Ecology, 2008, 96, 1002-1010.	4.0	145
49	Which 2:1 clay minerals are involved in the soil potassium reservoir? Insights from potassium addition or removal experiments on three temperate grassland soil clay assemblages. Geoderma, 2008, 146, 216-223.	5.1	89
50	POPULATION SYNCHRONY INDUCED BY RESOURCE FLUCTUATIONS AND DISPERSAL IN AN AQUATIC MICROCOSM. Ecology, 2005, 86, 1463-1471.	3.2	46
51	Functional Diversity of Plantâ€“Pollinator Interaction Webs Enhances the Persistence of Plant Communities. PLoS Biology, 2005, 4, e1.	5.6	438
52	Merging Antagonistic and Mutualistic Bipartite Webs: A First Step to Integrate Interaction Diversity into Network Approaches. , 0, , 62-72.		1