

Jochen FrÃ¼nd

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

5,384
citations

304743

22
h-index

454955

30
g-index

33
all docs

33
docs citations

33
times ranked

7163
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative Prediction of Interactions in Bipartite Networks Based on Traits, Abundances, and Phylogeny. <i>American Naturalist</i> , 2022, 199, 841-854.	2.1	8
2	Effects of rare arable plants on flower-visiting wild bees in agricultural fields. <i>Agriculture, Ecosystems and Environment</i> , 2022, 323, 107685.	5.3	7
3	Seeing through the static: the temporal dimension of plant-animal mutualistic interactions. <i>Ecology Letters</i> , 2021, 24, 149-161.	6.4	66
4	Wild insect diversity increases inter-annual stability in global crop pollinator communities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210212.	2.6	43
5	Parasitoid community responds indiscriminately to fluctuating spruce budworm (<i>Lepidoptera</i> : Tj ETQq1 1 0.784314 rgBT /Overlock 10 0.8 2	0.8	2
6	Tree diversity reduces the risk of bark beetle infestation for preferred conifer species, but increases the risk for less preferred hosts. <i>Journal of Ecology</i> , 2021, 109, 2649-2661.	4.0	20
7	Within-day dynamics of plant-pollinator networks are dominated by early flower closure: an experimental test of network plasticity. <i>Oecologia</i> , 2021, 196, 781-794.	2.0	9
8	Dissimilarity of species interaction networks: how to partition rewiring and species turnover components. <i>Ecosphere</i> , 2021, 12, e03653.	2.2	27
9	The functional roles of species in metacommunities, as revealed by metanetwork analyses of bird-plant frugivory networks. <i>Ecology Letters</i> , 2020, 23, 1252-1262.	6.4	19
10	Temporal scale-dependence of plant-pollinator networks. <i>Oikos</i> , 2020, 129, 1289-1302.	2.7	66
11	Transferring biodiversity-ecosystem function research to the management of "real-world" ecosystems. <i>Advances in Ecological Research</i> , 2019, 61, 323-356.	2.7	51
12	Influence of plant fertilisation on cereal aphid-primary parasitoid-secondary parasitoid networks in simple and complex landscapes. <i>Agriculture, Ecosystems and Environment</i> , 2019, 281, 47-55.	5.3	6
13	Defaunation effects on plant recruitment depend on size matching and size trade-offs in seed-dispersal networks. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162664.	2.6	46
14	Identifying Causes of Patterns in Ecological Networks: Opportunities and Limitations. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2017, 48, 559-584.	8.3	152
15	The Effects of Aphid Traits on Parasitoid Host Use and Specialist Advantage. <i>PLoS ONE</i> , 2016, 11, e0157674.	2.5	29
16	Invasive Plants as Novel Food Resources, the Pollinators' Perspective. , 2016, , 119-132.		9
17	Ecological networks are more sensitive to plant than to animal extinction under climate change. <i>Nature Communications</i> , 2016, 7, 13965.	12.8	180
18	Sampling bias is a challenge for quantifying specialization and network structure: lessons from a quantitative niche model. <i>Oikos</i> , 2016, 125, 502-513.	2.7	157

#	ARTICLE	IF	CITATIONS
19	Predicting ecosystem functions from biodiversity and mutualistic networks: an extension of trait-based concepts to plant-animal interactions. <i>Ecography</i> , 2015, 38, 380-392.	4.5	235
20	The potential for indirect effects between co-flowering plants via shared pollinators depends on resource abundance, accessibility and relatedness. <i>Ecology Letters</i> , 2014, 17, 1389-1399.	6.4	172
21	Landscape configuration of crops and hedgerows drives local syrphid fly abundance. <i>Journal of Applied Ecology</i> , 2014, 51, 505-513.	4.0	90
22	Response diversity of wild bees to overwintering temperatures. <i>Oecologia</i> , 2013, 173, 1639-1648.	2.0	75
23	Bee diversity effects on pollination depend on functional complementarity and niche shifts. <i>Ecology</i> , 2013, 94, 2042-2054.	3.2	232
24	Landscape moderation of biodiversity patterns and processes – eight hypotheses. <i>Biological Reviews</i> , 2012, 87, 661-685.	10.4	1,443
25	Specialization of Mutualistic Interaction Networks Decreases toward Tropical Latitudes. <i>Current Biology</i> , 2012, 22, 1925-1931.	3.9	290
26	Experimental environmental change and mutualistic vs. antagonistic plant flower-visitor interactions. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2011, 13, 27-35.	2.7	38
27	Linnæus's floral clock is slow without pollinators – flower closure and plant-pollinator interaction webs. <i>Ecology Letters</i> , 2011, 14, 896-904.	6.4	53
28	Pollinator diversity and specialization in relation to flower diversity. <i>Oikos</i> , 2010, 119, 1581-1590.	2.7	157
29	Indices, Graphs and Null Models: Analyzing Bipartite Ecological Networks. <i>Open Ecology Journal</i> , 2009, 2, 7-24.	2.0	1,201
30	Ecological correlates of vulnerability to fragmentation in Neotropical bats. <i>Journal of Applied Ecology</i> , 2008, 45, 381-391.	4.0	126
31	WHAT DO INTERACTION NETWORK METRICS TELL US ABOUT SPECIALIZATION AND BIOLOGICAL TRAITS. <i>Ecology</i> , 2008, 89, 3387-3399.	3.2	374