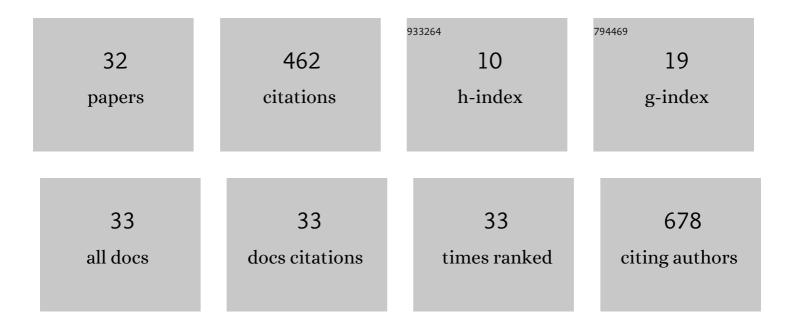
Lei Zhao

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7967767/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Impact of industrialization on China's regional energy security in the New Era. Environment, Development and Sustainability, 2022, 24, 8418-8440.	2.7	5
2	The long and the short of it: Mechanisms of synchronous and compensatory dynamics across temporal scales. Ecology, 2022, 103, e3650.	1.5	18
3	Microâ€scale geography of synchrony in a serpentine plant community. Journal of Ecology, 2021, 109, 750-762.	1.9	10
4	The effects of dispersal on spatial synchrony in metapopulations differ by timescale. Oikos, 2021, 130, 1762-1772.	1.2	10
5	Employing dynamic model to study food web stability and possible regime shifts in Somme Bay. Ecological Indicators, 2021, 127, 107721.	2.6	0
6	Modelling Biogas Production Kinetics of Various Heavy Metals Exposed Anaerobic Fermentation Process Using Sigmoidal Growth Functions. Waste and Biomass Valorization, 2020, 11, 4837-4848.	1.8	10
7	Keystone species can be identified based on motif centrality. Ecological Indicators, 2020, 110, 105877.	2.6	6
8	Height-diameter allometric relationships for seedlings and trees across China. Acta Oecologica, 2020, 108, 103621.	0.5	7
9	A new variance ratio metric to detect the timescale of compensatory dynamics. Ecosphere, 2020, 11, e03114.	1.0	14
10	Morphological traits of Bryum argenteum and its response to environmental variation in arid and semi-arid areas of Tibet. Ecological Engineering, 2019, 136, 101-107.	1.6	11
11	Influence of the physical dimension of leaf size measures on the goodness of fit for Taylor's power law using 101 bamboo taxa. Global Ecology and Conservation, 2019, 19, e00657.	1.0	6
12	Population structure of Betula albosinensis and Betula platyphylla: evidence for hybridization and a cryptic lineage. Annals of Botany, 2019, 123, 1179-1189.	1.4	28
13	Proximate determinants of Taylor's law slopes. Journal of Animal Ecology, 2019, 88, 484-494.	1.3	9
14	Identifying compartments in ecological networks based on energy channels. Ecology and Evolution, 2018, 8, 309-318.	0.8	9
15	Biodiversity effects on resource use efficiency and community turnover of plankton in Lake Nansihu, China. Environmental Science and Pollution Research, 2017, 24, 11279-11288.	2.7	19
16	Synchrony affects Taylor's law in theory and data. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6788-6793.	3.3	32
17	Responses of a phytoplankton community to seasonal and environmental changes in Lake Nansihu, China. Marine and Freshwater Research, 2017, 68, 1877.	0.7	7
18	Viewing the effects of species loss in complex ecological networks. Mathematical Biosciences, 2017, 285, 55-60.	0.9	1

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#	Article	IF	CITATIONS
19	Unexpected changes in community size structure in a natural warming experiment. Nature Climate Change, 2017, 7, 659-663.	8.1	70
20	Comparison of five methods for parameter estimation under Taylor's power law. Ecological Complexity, 2017, 32, 121-130.	1.4	17
21	Effects of Climate Change on the Potentially Suitable Climatic Geographical Range of Liriodendron chinense. Forests, 2017, 8, 399.	0.9	21
22	Phytoplankton Diversity Effects on Community Biomass and Stability along Nutrient Gradients in a Eutrophic Lake. International Journal of Environmental Research and Public Health, 2017, 14, 95.	1.2	39
23	Responses of Zooplankton Community to Environmental Factors and Phytoplankton Biomass in Lake Nansihu, China. Pakistan Journal of Zoology, 2017, 49, 461-470.	0.1	9
24	Effects of Environmental Factors on the Temporal Stability of Phytoplankton Biomass in a Eutrophic Man-Made Lake. Water (Switzerland), 2016, 8, 582.	1.2	6
25	The Relationship between Phytoplankton Evenness and Copepod Abundance in Lake Nansihu, China. International Journal of Environmental Research and Public Health, 2016, 13, 855.	1.2	6
26	Plankton Community Stability and Its Relationship with Phytoplankton Species Richness in Lake Nansihu, China. Water (Switzerland), 2016, 8, 454.	1.2	6
27	Stability of food webs to biodiversity loss: Comparing the roles of biomass and node degree. Ecological Indicators, 2016, 67, 723-729.	2.6	10
28	Weighting and indirect effects identify keystone species in food webs. Ecology Letters, 2016, 19, 1032-1040.	3.0	54
29	Population and Community Body Size Structure Across a Complex Environmental Gradient. Advances in Ecological Research, 2015, , 115-167.	1.4	7
30	Simulation of equilibrium system and release behaviors of both oxytetracycline and copper on aerobic granules in a sequencing batch reactor. Biochemical Engineering Journal, 2011, 56, 198-204.	1.8	13
31	Fragility of Chaos in Multispecies Competition Influenced by Predation. , 2010, , .		0
30	Relationships between phosphorus fractionations in sediments and phosphorus in overlying water in		- 9

² a constructed wetland: impact of macrophytes. , 0, 84, 180-189.