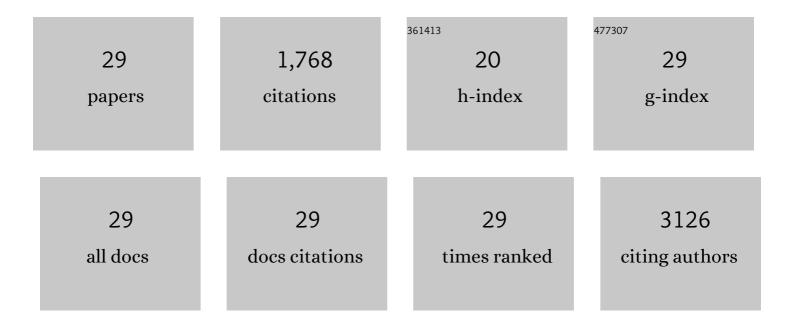
Lifen Jiang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3136039/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Warmer and wetter climate promotes net primary production in <scp>C₄</scp> grassland with additional enhancement by hay harvesting. Ecosphere, 2022, 13, .	2.2	2
2	Matrix Approach to Land Carbon Cycle Modeling. Journal of Advances in Modeling Earth Systems, 2022, 14, .	3.8	7
3	Precipitation manipulation and terrestrial carbon cycling: The roles of treatment magnitude, experimental duration and local climate. Clobal Ecology and Biogeography, 2021, 30, 1909-1921.	5.8	20
4	Divergent responses of primary production to increasing precipitation variability in global drylands. Global Change Biology, 2021, 27, 5225-5237.	9.5	31
5	A model-independent data assimilation (MIDA) module and its applications in ecology. Geoscientific Model Development, 2021, 14, 5217-5238.	3.6	5
6	Country-level land carbon sink and its causing components by the middle of the twenty-first century. Ecological Processes, 2021, 10, 61.	3.9	5
7	Drought mildly reduces plant dominance in a temperate prairie ecosystem across years. Ecology and Evolution, 2020, 10, 6702-6713.	1.9	9
8	Quantifying Soil Phosphorus Dynamics: A Data Assimilation Approach. Journal of Geophysical Research G: Biogeosciences, 2019, 124, 2159-2173.	3.0	19
9	Global patterns of extreme drought-induced loss in land primary production: Identifying ecological extremes from rain-use efficiency. Science of the Total Environment, 2018, 628-629, 611-620.	8.0	69
10	Sources of Uncertainty in Modeled Land Carbon Storage within and across Three MIPs: Diagnosis with Three New Techniques. Journal of Climate, 2018, 31, 2833-2851.	3.2	24
11	Ecosystem carbon transit versus turnover times in response to climate warming and rising atmospheric CO ₂ concentration. Biogeosciences, 2018, 15, 6559-6572.	3.3	23
12	Biotic responses buffer warmingâ€induced soil organic carbon loss in Arctic tundra. Global Change Biology, 2018, 24, 4946-4959.	9.5	21
13	Successional change in species composition alters climate sensitivity of grassland productivity. Global Change Biology, 2018, 24, 4993-5003.	9.5	21
14	The effects of different human disturbance regimes on root fungal diversity of <i>Rhododendron ovatum</i> in subtropical forests of China. Canadian Journal of Forest Research, 2017, 47, 659-666.	1.7	5
15	Terrestrial ecosystem model performance in simulating productivity and its vulnerability to climate change in the northern permafrost region. Journal of Geophysical Research G: Biogeosciences, 2017, 122, 430-446.	3.0	47
16	Nonlinear responses of land ecosystems to variation in precipitation. New Phytologist, 2017, 214, 5-7.	7.3	71
17	Asymmetric responses of primary productivity to precipitation extremes: A synthesis of grassland precipitation manipulation experiments. Global Change Biology, 2017, 23, 4376-4385.	9.5	231
18	Transient Traceability Analysis of Land Carbon Storage Dynamics: Procedures and Its Application to Two Forest Ecosystems. Journal of Advances in Modeling Earth Systems, 2017, 9, 2822-2835.	3.8	13

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#	Article	IF	CITATIONS
19	Warming Effects on Ecosystem Carbon Fluxes Are Modulated by Plant Functional Types. Ecosystems, 2017, 20, 515-526.	3.4	54
20	Transient dynamics of terrestrial carbon storage: mathematical foundation and its applications. Biogeosciences, 2017, 14, 145-161.	3.3	91
21	Unchanged carbon balance driven by equivalent responses of production and respiration to climate change in a mixedâ€grass prairie. Global Change Biology, 2016, 22, 1857-1866.	9.5	41
22	Stronger warming effects on microbial abundances in colder regions. Scientific Reports, 2016, 5, 18032.	3.3	88
23	Root-associated fungi of Vaccinium carlesii in subtropical forests of China: intra- and inter-annual variability and impacts of human disturbances. Scientific Reports, 2016, 6, 22399.	3.3	32
24	Temperature response of soil respiration largely unaltered with experimental warming. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13797-13802.	7.1	308
25	Dual mechanisms regulate ecosystem stability under decade-long warming and hay harvest. Nature Communications, 2016, 7, 11973.	12.8	66
26	Toward more realistic projections of soil carbon dynamics by Earth system models. Global Biogeochemical Cycles, 2016, 30, 40-56.	4.9	343
27	Experimental warming altered rates of carbon processes, allocation, and carbon storage in a tallgrass prairie. Ecosphere, 2015, 6, 1-16.	2.2	20
28	Evidence for longâ€ŧerm shift in plant community composition under decadal experimental warming. Journal of Ecology, 2015, 103, 1131-1140.	4.0	78
29	Scale-Dependent Performance of CMIP5 Earth System Models in Simulating Terrestrial Vegetation Carbon*. Journal of Climate, 2015, 28, 5217-5232.	3.2	24