Mingkai Jiang

List of Publications by Year
in descending order

23 papers	1,318 citations	687220 13 h-index	642610 23 g-index
25 all docs	25 docs citations	25 times ranked	2908 citing authors

#	Article	IF	Citations
1	Bridge to the future: Important lessons from 20Âyears of ecosystem observations made by the OzFlux network. Global Change Biology, 2022, 28, 3489-3514.	4.2	14
2	Climate shapes community flowering periods across biomes. Journal of Biogeography, 2022, 49, 1205-1218.	1.4	3
3	The carbon cost of the 2019â€“20 Australian fires varies with fire severity and forest type. Global Ecology and Biogeography, 2022, 31, 2131-2146.	2.7	3
4	Integrating the evidence for a terrestrial carbon sink caused by increasing atmospheric CO₂. New Phytologist, 2021, 229, 2413-2445.	3.5	286
5	Drought by CO₂interactions in trees: a test of the water savings mechanism. New Phytologist, 2021, 230, 1421-1434.	3.5	21
6	Climate Variability, Drought, and the Belief that High Gods Are Associated with Weather in Nonindustrial Societies. Weather, Climate, and Society, 2021, 13, 259-272.	0.5	5
7	The Relationships of Extreme Precipitation and Temperature Events with Ethnographic Reports of Droughts and Floods in Nonindustrial Societies. Weather, Climate, and Society, 2020, 12, 135-148.	0.5	6
8	Low phosphorus supply constrains plant responses to elevated CO₂: A metaâ€analysis. Global Change Biology, 2020, 26, 5856-5873.	4.2	37
9	The fate of carbon in a mature forest under carbon dioxide enrichment. Nature, 2020, 580, 227-231.	13.7	218
10	Low sensitivity of gross primary production to elevated CO₂ in a mature eucalypt woodland. Biogeosciences, 2020, 17, 265-279.	1.3	17
11	Amazon forest response to CO2 fertilization dependent on plant phosphorus acquisition. Nature Geoscience, 2019, 12, 736-741.	5.4	177
12	Incorporating non-stomatal limitation improves the performance of leaf and canopy models at high vapour pressure deficit. Tree Physiology, 2019, 39, 1961-1974.	1.4	24
13	Towards a more physiological representation of vegetation phosphorus processes in land surface models. New Phytologist, 2019, 222, 1223-1229.	3.5	58
14	The quasi-equilibrium framework revisited: analyzing long-term CO₂ enrichment responses in plantâ€“soil models. Geoscientific Model Development, 2019, 12, 2069-2089.	1.3	5
15	Nitrogen and Phosphorus Retranslocation of Leaves and Stemwood in a Mature Eucalyptus Forest Exposed to 5 Years of Elevated CO2. Frontiers in Plant Science, 2019, 10, 664.	1.7	40
16	Using plant, microbe, and soil fauna traits to improve the predictive power of biogeochemical models. Methods in Ecology and Evolution, 2019, 10, 146-157.	2.2	41
17	Trees tolerate an extreme heatwave via sustained transpirational cooling and increased leaf thermal tolerance. Global Change Biology, 2018, 24, 2390-2402.	4.2	242
18	Effect of Land Use and Land Cover Change in Context of Growth Enhancements in the United States Since 1700: Net Source or Sink?. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 3439-3457.	1.3	8

#	Article	IF	Citations
19	Biomeâ€specific climatic space defined by temperature and precipitation predictability. Global Ecology and Biogeography, 2017, 26, 1270-1282.	2.7	28
20	Predictability of Precipitation Over the Conterminous U.S. Based on the CMIP5 Multi-Model Ensemble. Scientific Reports, 2016, 6, 29962.	1.6	13
21	Characterizing Predictability of Precipitation Means and Extremes over the Conterminous United States, 1949â€"2010*. Journal of Climate, 2016, 29, 2621-2633.	1.2	7
22	Improved Understanding of Climate Change Impact to Pennsylvania Dairy Pasture. Crop Science, 2015, 55, 934-949.	0.8	1
23	Mapping ecosystem service and biodiversity changes over 70Âyears in a rural <scp>E</scp>nglish county. Journal of Applied Ecology, 2013, 50, 841-850.	1.9	64