

Kai Wang

List of Publications by Year in descending order

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12
papers

1,037
citations

932766
10
h-index

1199166
12
g-index

12
all docs

12
docs citations

12
times ranked

1320
citing authors

#	ARTICLE	IF	CITATIONS
1	The size of the land carbon sink in China. <i>Nature</i> , 2022, 603, E7-E9.	13.7	67
2	Regional and seasonal partitioning of water and temperature controls on global land carbon uptake variability. <i>Nature Communications</i> , 2022, 13, .	5.8	18
3	Seasonal biological carryover dominates northern vegetation growth. <i>Nature Communications</i> , 2021, 12, 983.	5.8	45
4	Responses of vegetation greenness and carbon cycle to extreme droughts in China. <i>Agricultural and Forest Meteorology</i> , 2021, 298-299, 108307.	1.9	46
5	Reply to: Disentangling biology from mathematical necessity in twentieth-century gymnosperm resilience trends. <i>Nature Ecology and Evolution</i> , 2021, 5, 736-737.	3.4	1
6	Unusual characteristics of the carbon cycle during the 2015~2016 El Niño. <i>Global Change Biology</i> , 2021, 27, 3798-3809.	4.2	6
7	Interannual variation of terrestrial carbon cycle: Issues and perspectives. <i>Global Change Biology</i> , 2020, 26, 300-318.	4.2	214
8	Causes of slowing down seasonal CO ₂ amplitude at Mauna Loa. <i>Global Change Biology</i> , 2020, 26, 4462-4477.	4.2	14
9	Temporal trade-off between gymnosperm resistance and resilience increases forest sensitivity to extreme drought. <i>Nature Ecology and Evolution</i> , 2020, 4, 1075-1083.	3.4	134
10	Divergent responses of soil organic carbon to afforestation. <i>Nature Sustainability</i> , 2020, 3, 694-700.	11.5	118
11	Field-experiment constraints on the enhancement of the terrestrial carbon sink by CO ₂ fertilization. <i>Nature Geoscience</i> , 2019, 12, 809-814.	5.4	58
12	Air temperature optima of vegetation productivity across global biomes. <i>Nature Ecology and Evolution</i> , 2019, 3, 772-779.	3.4	316