

# Kai Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/607412/publications.pdf>

Version: 2024-02-01

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	Air temperature optima of vegetation productivity across global biomes. <i>Nature Ecology and Evolution</i> , 2019, 3, 772-779.	3.4	316
2	Interannual variation of terrestrial carbon cycle: Issues and perspectives. <i>Global Change Biology</i> , 2020, 26, 300-318.	4.2	214
3	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
4	Divergent responses of soil organic carbon to afforestation. <i>Nature Sustainability</i> , 2020, 3, 694-700.	11.5	118
5	The size of the land carbon sink in China. <i>Nature</i> , 2022, 603, E7-E9.	13.7	67
6	Field-experiment constraints on the enhancement of the terrestrial carbon sink by CO <sub>2</sub> fertilization. <i>Nature Geoscience</i> , 2019, 12, 809-814.	5.4	58
7	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
8	Seasonal biological carryover dominates northern vegetation growth. <i>Nature Communications</i> , 2021, 12, 983.	5.8	45
9	Regional and seasonal partitioning of water and temperature controls on global land carbon uptake variability. <i>Nature Communications</i> , 2022, 13, .	5.8	18
10	Causes of slowing down seasonal CO <sub>2</sub> amplitude at Mauna Loa. <i>Global Change Biology</i> , 2020, 26, 4462-4477.	4.2	14
11	Unusual characteristics of the carbon cycle during the 2015~2016 El Niño. <i>Global Change Biology</i> , 2021, 27, 3798-3809.	4.2	6
12	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