

Matthew W Jones

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

2,492
citations

12
h-index

22
g-index

22
ext. papers

4,048
ext. citations

12.6
avg, IF

5.01
L-index

#	Paper	IF	Citations
18	Temporary reduction in daily global CO ₂ emissions during the COVID-19 forced confinement. <i>Nature Climate Change</i> , 2020 , 10, 647-653	21.4	842
17	Global Carbon Budget 2019. <i>Earth System Science Data</i> , 2019 , 11, 1783-1838	10.5	776
16	Global Carbon Budget 2020. <i>Earth System Science Data</i> , 2020 , 12, 3269-3340	10.5	533
15	Global fire emissions buffered by the production of pyrogenic carbon. <i>Nature Geoscience</i> , 2019 , 12, 742-747	10.5	81
14	Fossil CO ₂ emissions in the post-COVID-19 era. <i>Nature Climate Change</i> , 2021 , 11, 197-199	21.4	62
13	Global Carbon Budget 2021. <i>Earth System Science Data</i> , 2022 , 14, 1917-2005	10.5	47
12	Fires prime terrestrial organic carbon for riverine export to the global oceans. <i>Nature Communications</i> , 2020 , 11, 2791	17.4	28
11	Global Carbon Budget 2021		26
10	Marked isotopic variability within and between the Amazon River and marine dissolved black carbon pools. <i>Nature Communications</i> , 2019 , 10, 4018	17.4	20
9	Gridded fossil CO emissions and related O combustion consistent with national inventories 1959-2018. <i>Scientific Data</i> , 2021 , 8, 2	8.2	16
8	Do Regional Aerosols Contribute to the Riverine Export of Dissolved Black Carbon?. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017 , 122, 2925-2938	3.7	12
7	Environmental Controls on the Riverine Export of Dissolved Black Carbon. <i>Global Biogeochemical Cycles</i> , 2019 , 33, 849-874	5.9	8
6	Definitions and methods to estimate regional land carbon fluxes for the second phase of the REgional Carbon Cycle Assessment and Processes Project (RECCAP-2). <i>Geoscientific Model Development</i> , 2022 , 15, 1289-1316	6.3	6
5	Dynamics of soil organic carbon following land-use change: insights from stable C-isotope analysis in black soil of Northeast China. <i>Acta Geochimica</i> , 2018 , 37, 746-757	2.2	5
4	The Relevance of Pyrogenic Carbon for Carbon Budgets From Fires: Insights From the FIREX Experiment. <i>Global Biogeochemical Cycles</i> , 2020 , 34, e2020GB006647	5.9	5
3	The CO ₂ Human Emissions (CHE) Project: First Steps Towards a European Operational Capacity to Monitor Anthropogenic CO ₂ Emissions. <i>Frontiers in Remote Sensing</i> , 2021 , 2,	1	4
2	Pyrogenic carbon decomposition critical to resolving fire's role in the Earth system. <i>Nature Geoscience</i> , 2022 , 15, 135-142	18.3	3

- 1 CO2 emissions from energy systems and industrial processes: Inventories from data- and proxy-driven approaches **2022**, 31-57