

Richard J Millar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6391017/publications.pdf>

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15
papers

1,939
citations

567144

15
h-index

940416

16
g-index

16
all docs

16
docs citations

16
times ranked

3096
citing authors

#	ARTICLE	IF	CITATIONS
1	The contribution of global aviation to anthropogenic climate forcing for 2000 to 2018. Atmospheric Environment, 2021, 244, 117834.	1.9	491
2	Increasing mitigation ambition to meet the Paris Agreement's temperature goal avoids substantial heat-related mortality in U.S. cities. Science Advances, 2019, 5, eaau4373.	4.7	37
3	Current fossil fuel infrastructure does not yet commit us to 1.5°C warming. Nature Communications, 2019, 10, 101.	5.8	125
4	Framing Climate Goals in Terms of Cumulative CO ₂ Forcing Equivalent Emissions. Geophysical Research Letters, 2018, 45, 2795-2804.	1.5	34
5	Implications of possible interpretations of "greenhouse gas balance" in the Paris Agreement. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20160445.	1.6	72
6	The utility of the historical record for assessing the transient climate response to cumulative emissions. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20160449.	1.6	24
7	Global temperature definition affects achievement of long-term climate goals. Environmental Research Letters, 2018, 13, 054004.	2.2	36
8	The many possible climates from the Paris Agreement's aim of 1.5 °C warming. Nature, 2018, 558, 41-49.	13.7	116
9	A solution to the misrepresentations of CO ₂ -equivalent emissions of short-lived climate pollutants under ambitious mitigation. Npj Climate and Atmospheric Science, 2018, 1, .	2.6	230
10	Higher CO ₂ concentrations increase extreme event risk in a 1.5 °C world. Nature Climate Change, 2018, 8, 604-608.	8.1	104
11	Current level and rate of warming determine emissions budgets under ambitious mitigation. Nature Geoscience, 2018, 11, 574-579.	5.4	37
12	Emission budgets and pathways consistent with limiting warming to 1.5°C. Nature Geoscience, 2017, 10, 741-747.	5.4	422
13	A modified impulse-response representation of the global near-surface air temperature and atmospheric concentration response to carbon dioxide emissions. Atmospheric Chemistry and Physics, 2017, 17, 7213-7228.	1.9	120
14	The cumulative carbon budget and its implications. Oxford Review of Economic Policy, 2016, 32, 323-342.	1.0	47
15	Model structure in observational constraints on transient climate response. Climatic Change, 2015, 131, 199-211.	1.7	38