

# Veerabhadran Ramanathan

## 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.

24  
papers

7,270  
citations

18  
h-index

27  
g-index

27  
ext. papers

9,030  
ext. citations

14.6  
avg, IF

5.45  
L-index

#	Paper	IF	Citations
24	Sustainability. Planetary boundaries: guiding human development on a changing planet. <i>Science</i> , <b>2015</b> , 347, 1259855	33.3	4597
23	The anthropocene: from global change to planetary stewardship. <i>Ambio</i> , <b>2011</b> , 40, 739-61	6.5	892
22	Warming trends in Asia amplified by brown cloud solar absorption. <i>Nature</i> , <b>2007</b> , 448, 575-8	50.4	642
21	Overview of the Atmospheric Brown Cloud East Asian Regional Experiment 2005 and a study of the aerosol direct radiative forcing in east Asia. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112,		218
20	The Copenhagen Accord for limiting global warming: criteria, constraints, and available avenues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 8055-62	11.5	124
19	Convergence on climate warming by black carbon aerosols. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 4243-5	11.5	112
18	Source-diagnostic dual-isotope composition and optical properties of water-soluble organic carbon and elemental carbon in the South Asian outflow intercepted over the Indian Ocean. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2014</b> , 119, 11,743-11,759	4.4	95
17	Well below 2 °C: Mitigation strategies for avoiding dangerous to catastrophic climate changes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 10315-10323	11.5	90
16	Characterization of the seasonal cycle of south Asian aerosols: A regional-scale modeling analysis. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112,		75
15	Black carbon solar absorption suppresses turbulence in the atmospheric boundary layer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 11794-11799	11.5	72
14	How do people in rural India perceive improved stoves and clean fuel? Evidence from Uttar Pradesh and Uttarakhand. <i>International Journal of Environmental Research and Public Health</i> , <b>2014</b> , 11, 1341-58	4.6	60
13	The world's biggest gamble. <i>Earth's Future</i> , <b>2016</b> , 4, 465-470	7.9	59
12	Mitigation of short-lived climate pollutants slows sea-level rise. <i>Nature Climate Change</i> , <b>2013</b> , 3, 730-734	21.4	50
11	The ascent of atmospheric sciences. <i>Science</i> , <b>2000</b> , 290, 299-304	33.3	33
10	Identifying a Safe and Just Corridor for People and the Planet. <i>Earth's Future</i> , <b>2021</b> , 9, e2020EF001866	7.9	30
9	Environment and development. Pursuit of the common good. <i>Science</i> , <b>2014</b> , 345, 1457-8	33.3	25
8	Radiative Heating of an Ice-Free Arctic Ocean. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 7474-7480	4.9	18

7	Latitudinally asymmetric response of global surface temperature: Implications for regional climate change. <i>Geophysical Research Letters</i> , <b>2012</b> , 39, n/a-n/a	4.9	17
6	Chronic Mental Health Sequelae of Climate Change Extremes: A Case Study of the Deadliest Californian Wildfire. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	16
5	The need to monitor actions on the social determinants of health. <i>Bulletin of the World Health Organization</i> , <b>2017</b> , 95, 784-787	8.2	11
4	Health, Faith, and Science on a Warming Planet. <i>JAMA - Journal of the American Medical Association</i> , <b>2018</b> , 319, 1651-1652	27.4	6
3	Observed correlations between aerosol and cloud properties in an Indian Ocean trade cumulus regime. <i>Atmospheric Chemistry and Physics</i> , <b>2016</b> , 16, 5203-5227	6.8	6
2	Modelling human-natural systems interactions with implications for twenty-first-century warming. <i>Nature Sustainability</i> , <b>2022</b> , 5, 263-271	22.1	0
1	Ralph J. Cicerone: His scientific legacy and a long friendship. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 4273-4274	11.5	