

# Veerabhadran Ramanathan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4087970/publications.pdf>

Version: 2024-02-01

27  
papers

10,641  
citations

331538

21  
h-index

552653

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

13827  
citing authors

#	ARTICLE	IF	CITATIONS
1	Planetary boundaries: Guiding human development on a changing planet. <i>Science</i> , 2015, 347, 1259855.	6.0	7,124
2	The Anthropocene: From Global Change to Planetary Stewardship. <i>Ambio</i> , 2011, 40, 739-761.	2.8	1,175
3	Warming trends in Asia amplified by brown cloud solar absorption. <i>Nature</i> , 2007, 448, 575-578.	13.7	752
4	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> , 2007, 112, .	3.3	263
5	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> , 2010, 107, 8055-8062.	3.3	157
6	Convergence on climate warming by black carbon aerosols. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4243-4245.	3.3	152
7	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> , 2017, 114, 10315-10323.	3.3	130
8	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> , 2014, 119, 11,743-11,759.	1.2	121
9	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> , 2016, 113, 11794-11799.	3.3	103
10	Characterization of the seasonal cycle of south Asian aerosols: A regional-scale modeling analysis. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	89
11	Identifying a Safe and Just Corridor for People and the Planet. <i>Earth's Future</i> , 2021, 9, e2020EF001866.	2.4	84
12	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> , 2014, 11, 1341-1358.	1.2	73
13	The world's biggest gamble. <i>Earth's Future</i> , 2016, 4, 465-470.	2.4	70
14	Mitigation of short-lived climate pollutants slows sea-level rise. <i>Nature Climate Change</i> , 2013, 3, 730-734.	8.1	58
15	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> , 2021, 18, 1487.	1.2	51
16	The Ascent of Atmospheric Sciences. <i>Science</i> , 2000, 290, 299-304.	6.0	38
17	Mitigating climate disruption in time: A self-consistent approach for avoiding both near-term and long-term global warming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	37
18	Radiative Heating of an Ice-free Arctic Ocean. <i>Geophysical Research Letters</i> , 2019, 46, 7474-7480.	1.5	31

#	ARTICLE	IF	CITATIONS
19	Pursuit of the common good. <i>Science</i> , 2014, 345, 1457-1458.	6.0	29
20	Soot and short-lived pollutants provide political opportunity. <i>Nature Climate Change</i> , 2015, 5, 796-798.	8.1	25
21	Latitudinally asymmetric response of global surface temperature: Implications for regional climate change. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	23
22	The need to monitor actions on the social determinants of health. <i>Bulletin of the World Health Organization</i> , 2017, 95, 784-787.	1.5	19
23	Modelling human-natural systems interactions with implications for twenty-first-century warming. <i>Nature Sustainability</i> , 2022, 5, 263-271.	11.5	11
24	Observed correlations between aerosol and cloud properties in an Indian Ocean trade cumulus regime. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 5203-5227.	1.9	10
25	Air Pollution Over India: Causal Factors for the High Pollution with Implications for Mitigation. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 3297-3312.	1.2	10
26	Health, Faith, and Science on a Warming Planet. <i>JAMA - Journal of the American Medical Association</i> , 2018, 319, 1651.	3.8	6
27	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> , 2017, 114, 4273-4274.	3.3	0