

Massimo A Bollasina

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.

40
papers

1,749
citations

19
h-index

41
g-index

48
ext. papers

2,064
ext. citations

6.4
avg, IF

5.25
L-index

#	Paper	IF	Citations
40	Anthropogenic aerosols and the weakening of the South Asian summer monsoon. <i>Science</i> , 2011 , 334, 502-5	33.3	723
39	Absorbing Aerosols and Summer Monsoon Evolution over South Asia: An Observational Portrayal. <i>Journal of Climate</i> , 2008 , 21, 3221-3239	4.4	128
38	Decreased monsoon precipitation in the Northern Hemisphere due to anthropogenic aerosols. <i>Geophysical Research Letters</i> , 2014 , 41, 6023-6029	4.9	91
37	Contribution of local and remote anthropogenic aerosols to the twentieth century weakening of the South Asian Monsoon. <i>Geophysical Research Letters</i> , 2014 , 41, 680-687	4.9	77
36	Elevated heat pump hypothesis for the aerosol-monsoon hydroclimate link: Grounded in observations?. <i>Journal of Geophysical Research</i> , 2010 , 115,		69
35	Earlier onset of the Indian monsoon in the late twentieth century: The role of anthropogenic aerosols. <i>Geophysical Research Letters</i> , 2013 , 40, 3715-3720	4.9	60
34	Indian Ocean SST, evaporation, and precipitation during the South Asian summer monsoon in IPCC-AR4 coupled simulations. <i>Climate Dynamics</i> , 2009 , 33, 1017-1032	4.2	55
33	The general circulation model precipitation bias over the southwestern equatorial Indian Ocean and its implications for simulating the South Asian monsoon. <i>Climate Dynamics</i> , 2013 , 40, 823-838	4.2	52
32	The summertime heat flow over Pakistan/northwestern India: evolution and origin. <i>Climate Dynamics</i> , 2011 , 37, 957-970	4.2	41
31	Detectable Impact of Local and Remote Anthropogenic Aerosols on the 20th Century Changes of West African and South Asian Monsoon Precipitation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 4871-4889	4.4	40
30	Coherent response of the Indian Monsoon Rainfall to Atlantic Multi-decadal Variability over the last 2000 years. <i>Scientific Reports</i> , 2020 , 10, 1302	4.9	26
29	Absorbing aerosols and pre-summer monsoon hydroclimate variability over the Indian subcontinent: The challenge in investigating links. <i>Atmospheric Research</i> , 2009 , 94, 338-344	5.4	26
28	Factors Contributing to Record-Breaking Heat Waves over the Great Plains during the 1930s Dust Bowl. <i>Journal of Climate</i> , 2017 , 30, 2437-2461	4.4	23
27	Recent biennial variability of meteorological features in the eastern Highland Himalayas. <i>Geophysical Research Letters</i> , 2000 , 27, 2185-2188	4.9	22
26	The role of anthropogenic aerosols in future precipitation extremes over the Asian Monsoon Region. <i>Climate Dynamics</i> , 2019 , 52, 6257-6278	4.2	21
25	Impacts of the 1900-2014 Increase in Anthropogenic Aerosol Emissions from North America and Europe on Eurasian Summer Climate. <i>Journal of Climate</i> , 2018 , 31, 8381-8399	4.4	19
24	The role of land-surface processes in modulating the Indian monsoon annual cycle. <i>Climate Dynamics</i> , 2013 , 41, 2497-2509	4.2	19

23	Accelerated increases in global and Asian summer monsoon precipitation from future aerosol reductions. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 11955-11977	6.8	18
22	Disentangling the influence of local and remote anthropogenic aerosols on South Asian monsoon daily rainfall characteristics. <i>Climate Dynamics</i> , 2019 , 52, 6301-6320	4.2	18
21	A Model Investigation of Aerosol-Induced Changes in the East Asian Winter Monsoon. <i>Geophysical Research Letters</i> , 2019 , 46, 10186-10195	4.9	17
20	On the link between the subseasonal evolution of the North Atlantic Oscillation and East Asian climate. <i>Climate Dynamics</i> , 2018 , 51, 3537-3557	4.2	17
19	The Role of the Himalayas and the Tibetan Plateau Within the Asian Monsoon System. <i>Bulletin of the American Meteorological Society</i> , 2004 , 85, 1001-1004	6.1	16
18	Contribution of local and remote anthropogenic aerosols to a record-breaking torrential rainfall event in Guangdong Province, China. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 223-241	6.8	15
17	Contrasting the Effects of the 1850-1975 Increase in Sulphate Aerosols from North America and Europe on the Atlantic in the CESM. <i>Geophysical Research Letters</i> , 2018 , 45, 11,930-11,940	4.9	15
16	Do differences in future sulfate emission pathways matter for near-term climate? A case study for the Asian monsoon. <i>Climate Dynamics</i> , 2018 , 50, 1863-1880	4.2	13
15	Mechanisms for a remote response to Asian anthropogenic aerosol in boreal winter. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 9081-9095	6.8	12
14	Reply to comment by K. M. Lau and K. M. Kim on Elevated heat pump hypothesis for the aerosol-monsoon hydroclimate link: Grounded in observations? <i>Journal of Geophysical Research</i> , 2011 , 116,		11
13	Modeling of Regional Hydroclimate Change over the Indian Subcontinent: Impact of the Expanding Thar Desert. <i>Journal of Climate</i> , 2011 , 24, 3089-3106	4.4	11
12	Strong Influence of Aerosol Reductions on Future Heatwaves. <i>Geophysical Research Letters</i> , 2019 , 46, 4913-4923	4.9	10
11	The Local Aerosol Emission Effect on Surface Shortwave Radiation and Temperatures. <i>Journal of Advances in Modeling Earth Systems</i> , 2019 , 11, 806-817	7.1	9
10	Climate Forcing and Response to Greenhouse Gases, Aerosols, and Ozone in CESM1. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019 , 124, 13876-13894	4.4	9
9	Significant climate impacts of aerosol changes driven by growth in energy use and advances in emission control technology. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 14517-14533	6.8	4
8	Strong large-scale climate response to North American sulphate aerosols in CESM. <i>Environmental Research Letters</i> , 2020 , 15, 114051	6.2	2
7	Future changes in Beijing haze events under different anthropogenic aerosol emission scenarios. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 7499-7514	6.8	1
6	The remote response of the South Asian Monsoon to reduced dust emissions and Sahara greening during the middle Holocene. <i>Climate of the Past</i> , 2021 , 17, 1243-1271	3.9	1

5	Contrasting the Role of Regional and Remote Circulation in Driving Asian Monsoon Biases in MetUM GA7.1. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126, e2020JD034342	4.4	1
4	Increased Amazon Basin wet-season precipitation and river discharge since the early 1990s driven by tropical Pacific variability. <i>Environmental Research Letters</i> , 2021 , 16, 034033	6.2	1
3	Competing effects of aerosol reductions and circulation changes for future improvements in Beijing haze. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 15299-15308	6.8	0
2	Longitudinally Asymmetric Stratospheric Oscillation on a Tidally Locked Exoplanet. <i>Astrophysical Journal</i> , 2022 , 930, 152	4.7	0
1	Identifying the evolving human imprint on heat wave trends over the United States and Mexico. <i>Environmental Research Letters</i> , 2021 , 16, 094039	6.2	