

# Massimo A Bollasina

## List of Publications by Year in Descending Order

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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	Longitudinally Asymmetric Stratospheric Oscillation on a Tidally Locked Exoplanet. <i>Astrophysical Journal</i> , <b>2022</b> , 930, 152	4.7	0
39	Competing effects of aerosol reductions and circulation changes for future improvements in Beijing haze. <i>Atmospheric Chemistry and Physics</i> , <b>2021</b> , 21, 15299-15308	6.8	0
38	Future changes in Beijing haze events under different anthropogenic aerosol emission scenarios. <i>Atmospheric Chemistry and Physics</i> , <b>2021</b> , 21, 7499-7514	6.8	1
37	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> , <b>2021</b> , 17, 1243-1271	3.9	1
36	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> , <b>2021</b> , 126, e2020JD034342	4.4	1
35	Increased Amazon Basin wet-season precipitation and river discharge since the early 1990s driven by tropical Pacific variability. <i>Environmental Research Letters</i> , <b>2021</b> , 16, 034033	6.2	1
34	Identifying the evolving human imprint on heat wave trends over the United States and Mexico. <i>Environmental Research Letters</i> , <b>2021</b> , 16, 094039	6.2	
33	Contribution of local and remote anthropogenic aerosols to a record-breaking torrential rainfall event in Guangdong Province, China. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 223-241	6.8	15
32	Coherent response of the Indian Monsoon Rainfall to Atlantic Multi-decadal Variability over the last 2000 years. <i>Scientific Reports</i> , <b>2020</b> , 10, 1302	4.9	26
31	Accelerated increases in global and Asian summer monsoon precipitation from future aerosol reductions. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 11955-11977	6.8	18
30	Strong large-scale climate response to North American sulphate aerosols in CESM. <i>Environmental Research Letters</i> , <b>2020</b> , 15, 114051	6.2	2
29	A Model Investigation of Aerosol-Induced Changes in the East Asian Winter Monsoon. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 10186-10195	4.9	17
28	Mechanisms for a remote response to Asian anthropogenic aerosol in boreal winter. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 9081-9095	6.8	12
27	Strong Influence of Aerosol Reductions on Future Heatwaves. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 4913-4923	4.9	10
26	The Local Aerosol Emission Effect on Surface Shortwave Radiation and Temperatures. <i>Journal of Advances in Modeling Earth Systems</i> , <b>2019</b> , 11, 806-817	7.1	9
25	Significant climate impacts of aerosol changes driven by growth in energy use and advances in emission control technology. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 14517-14533	6.8	4
24	Climate Forcing and Response to Greenhouse Gases, Aerosols, and Ozone in CESM1. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2019</b> , 124, 13876-13894	4.4	9

23	The role of anthropogenic aerosols in future precipitation extremes over the Asian Monsoon Region. <i>Climate Dynamics</i> , <b>2019</b> , 52, 6257-6278	4.2	21
22	Disentangling the influence of local and remote anthropogenic aerosols on South Asian monsoon daily rainfall characteristics. <i>Climate Dynamics</i> , <b>2019</b> , 52, 6301-6320	4.2	18
21	On the link between the subseasonal evolution of the North Atlantic Oscillation and East Asian climate. <i>Climate Dynamics</i> , <b>2018</b> , 51, 3537-3557	4.2	17
20	Do differences in future sulfate emission pathways matter for near-term climate? A case study for the Asian monsoon. <i>Climate Dynamics</i> , <b>2018</b> , 50, 1863-1880	4.2	13
19	Impacts of the 1900-2014 Increase in Anthropogenic Aerosol Emissions from North America and Europe on Eurasian Summer Climate. <i>Journal of Climate</i> , <b>2018</b> , 31, 8381-8399	4.4	19
18	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> , <b>2018</b> , 123, 4871-4889	4.4	40
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> , <b>2018</b> , 45, 11,930-11,940	4.9	15
16	Factors Contributing to Record-Breaking Heat Waves over the Great Plains during the 1930s Dust Bowl. <i>Journal of Climate</i> , <b>2017</b> , 30, 2437-2461	4.4	23
15	Contribution of local and remote anthropogenic aerosols to the twentieth century weakening of the South Asian Monsoon. <i>Geophysical Research Letters</i> , <b>2014</b> , 41, 680-687	4.9	77
14	Decreased monsoon precipitation in the Northern Hemisphere due to anthropogenic aerosols. <i>Geophysical Research Letters</i> , <b>2014</b> , 41, 6023-6029	4.9	91
13	The role of land-surface processes in modulating the Indian monsoon annual cycle. <i>Climate Dynamics</i> , <b>2013</b> , 41, 2497-2509	4.2	19
12	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> , <b>2013</b> , 40, 823-838	4.2	52
11	Earlier onset of the Indian monsoon in the late twentieth century: The role of anthropogenic aerosols. <i>Geophysical Research Letters</i> , <b>2013</b> , 40, 3715-3720	4.9	60
10	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> , <b>2011</b> , 116,		11
9	The summertime heat flow over Pakistan/northwestern India: evolution and origin. <i>Climate Dynamics</i> , <b>2011</b> , 37, 957-970	4.2	41
8	Anthropogenic aerosols and the weakening of the South Asian summer monsoon. <i>Science</i> , <b>2011</b> , 334, 502-5	33.3	723
7	Modeling of Regional Hydroclimate Change over the Indian Subcontinent: Impact of the Expanding Thar Desert. <i>Journal of Climate</i> , <b>2011</b> , 24, 3089-3106	4.4	11
6	Elevated heat pump hypothesis for the aerosol-monsoon hydroclimate link: Grounded in observations?. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		69

5	Indian Ocean SST, evaporation, and precipitation during the South Asian summer monsoon in IPCC-AR4 coupled simulations. <i>Climate Dynamics</i> , <b>2009</b> , 33, 1017-1032	4.2	55
4	Absorbing aerosols and pre-summer monsoon hydroclimate variability over the Indian subcontinent: The challenge in investigating links. <i>Atmospheric Research</i> , <b>2009</b> , 94, 338-344	5.4	26
3	Absorbing Aerosols and Summer Monsoon Evolution over South Asia: An Observational Portrayal. <i>Journal of Climate</i> , <b>2008</b> , 21, 3221-3239	4.4	128
2	The Role of the Himalayas and the Tibetan Plateau Within the Asian Monsoon System. <i>Bulletin of the American Meteorological Society</i> , <b>2004</b> , 85, 1001-1004	6.1	16
1	Recent biennial variability of meteorological features in the eastern Highland Himalayas. <i>Geophysical Research Letters</i> , <b>2000</b> , 27, 2185-2188	4.9	22