

# A K Srivastava

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

1,705  
citations

304743

22  
h-index

345221

36  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1546  
citing authors

#	ARTICLE	IF	CITATIONS
1	Air quality in megacity Delhi affected by countryside biomass burning. <i>Nature Sustainability</i> , 2019, 2, 200-205.	23.7	148
2	Carbonaceous aerosols and pollutants over Delhi urban environment: Temporal evolution, source apportionment and radiative forcing. <i>Science of the Total Environment</i> , 2015, 521-522, 431-445.	8.0	142
3	Pre-monsoon aerosol characteristics over the Indo-Gangetic Basin: implications to climatic impact. <i>Annales Geophysicae</i> , 2011, 29, 789-804.	1.6	121
4	Measurements of atmospheric parameters during Indian Space Research Organization Geosphere Biosphere Programme Land Campaign II at a typical location in the Ganga basin: 1. Physical and optical properties. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	110
5	Measurements of atmospheric parameters during Indian Space Research Organization Geosphere Biosphere Program Land Campaign II at a typical location in the Ganga Basin: 2. Chemical properties. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	91
6	Statistical evaluation of PM10 and distribution of PM1, PM2.5, and PM10 in ambient air due to extreme fireworks episodes (Deepawali festivals) in megacity Delhi. <i>Natural Hazards</i> , 2012, 61, 521-531.	3.4	87
7	Assessment of carbonaceous aerosol over Delhi in the Indo-Gangetic Basin: characterization, sources and temporal variability. <i>Natural Hazards</i> , 2013, 65, 1745-1764.	3.4	84
8	An early South Asian dust storm during March 2012 and its impacts on Indian Himalayan foothills: A case study. <i>Science of the Total Environment</i> , 2014, 493, 526-534.	8.0	75
9	Characteristics of black carbon over Delhi and Manora Peak—a comparative study. <i>Atmospheric Science Letters</i> , 2012, 13, 223-230.	1.9	74
10	Identification of aerosol types over Indo-Gangetic Basin: implications to optical properties and associated radiative forcing. <i>Environmental Science and Pollution Research</i> , 2015, 22, 12246-12260.	5.3	71
11	Black carbon aerosols over Manora Peak in the Indian Himalayan foothills: implications for climate forcing. <i>Environmental Research Letters</i> , 2012, 7, 014002.	5.2	69
12	Tethered balloon-born and ground-based measurements of black carbon and particulate profiles within the lower troposphere during the foggy period in Delhi, India. <i>Science of the Total Environment</i> , 2016, 573, 894-905.	8.0	54
13	Characterization of carbonaceous aerosols over Delhi in Ganga basin: seasonal variability and possible sources. <i>Environmental Science and Pollution Research</i> , 2014, 21, 8610-8619.	5.3	50
14	Chemical characterization of rainwater at a high-altitude site “Nainital” in the central Himalayas, India. <i>Environmental Science and Pollution Research</i> , 2017, 24, 3959-3969.	5.3	45
15	Determination of wood burning and fossil fuel contribution of black carbon at Delhi, India using aerosol light absorption technique. <i>Environmental Science and Pollution Research</i> , 2015, 22, 2846-2855.	5.3	42
16	Sources and characteristics of carbonaceous aerosols at Agra “World heritage site” and Delhi “capital city of India”. <i>Environmental Science and Pollution Research</i> , 2014, 21, 8678-8691.	5.3	39
17	Temporal variability in aerosol characteristics and its radiative properties over Patiala, northwestern part of India: Impact of agricultural biomass burning emissions. <i>Environmental Pollution</i> , 2017, 231, 1030-1041.	7.5	38
18	Aerosol optical properties and radiative effects over Manora Peak in the Himalayan foothills: seasonal variability and role of transported aerosols. <i>Science of the Total Environment</i> , 2015, 502, 287-295.	8.0	36

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19	Variability in radiative properties of major aerosol types: A year-long study over Delhi—An urban station in Indo-Gangetic Basin. <i>Science of the Total Environment</i> , 2014, 473-474, 659-666.	8.0	33
20	Aerosol Optical Depth, Ozone and Water Vapor Measurements over Gadanki, A Tropical Station in Peninsular India. <i>Aerosol and Air Quality Research</i> , 2008, 8, 459-476.	2.1	33
21	Study of the carbonaceous aerosol and morphological analysis of fine particles along with their mixing state in Delhi, India: a case study. <i>Environmental Science and Pollution Research</i> , 2015, 22, 10744-10757.	5.3	29
22	Aerosol characteristics at a rural station in southern peninsular India during CAIPEEX-IGOC: physical and chemical properties. <i>Environmental Science and Pollution Research</i> , 2015, 22, 5293-5304.	5.3	25
23	Atmospheric ions and new particle formation events at a tropical location, Pune, India. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 3140-3156.	2.7	22
24	Long-term (2005—2012) measurements of near-surface air pollutants at an urban location in the Indo-Gangetic Basin. <i>Journal of Earth System Science</i> , 2019, 128, 1.	1.3	21
25	Effect of Biomass Burning on PM <sub>2.5</sub> Composition and Secondary Aerosol Formation During Post-Monsoon and Winter Haze Episodes in Delhi. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	21
26	High concentration of acidic species in rainwater at Varanasi in the Indo-Gangetic Plains, India. <i>Natural Hazards</i> , 2015, 75, 2985-3003.	3.4	19
27	Evaluation of ambient air quality in Dehradun city during 2011—2014. <i>Journal of Earth System Science</i> , 2019, 128, 1.	1.3	19
28	Simultaneous measurements of black carbon and PM <sub>2.5</sub> , CO, and NO <sub>x</sub> variability at a locally polluted urban location in India. <i>Natural Hazards</i> , 2015, 75, 813-829.	3.4	18
29	Assessment of air quality during 19th Common Wealth Games at Delhi, India. <i>Natural Hazards</i> , 2013, 66, 141-154.	3.4	15
30	Indian agriculture, air pollution, and public health in the age of COVID. <i>World Development</i> , 2020, 135, 105064.	4.9	15
31	Radiative Impact of Fireworks at a Tropical Indian Location: A Case Study. <i>Advances in Meteorology</i> , 2014, 2014, 1-8.	1.6	14
32	Seasonal inhomogeneity of soot particles over the central Indo-Gangetic Plains, India: Influence of meteorology. <i>Journal of Meteorological Research</i> , 2015, 29, 935-949.	2.4	13
33	Interannual and Intraseasonal Variability in Fine Mode Particles over Delhi: Influence of Meteorology. <i>Advances in Meteorology</i> , 2013, 2013, 1-9.	1.6	12
34	Boundary layer aerosol characteristics at Mahabubnagar during CAIPEEX-IGOC: Modeling the optical and radiative properties. <i>Science of the Total Environment</i> , 2014, 468-469, 1093-1102.	8.0	11
35	Assessment of aerosol optical and micro-physical features retrieved from direct and diffuse solar irradiance measurements from Skyradiometer at a high altitude station at Merak. <i>Environmental Science and Pollution Research</i> , 2015, 22, 16610-16619.	5.3	5
36	Numerical study for production of space charge within the stratiform cloud. <i>Journal of Earth System Science</i> , 2010, 119, 627-638.	1.3	4