

S Suresh Babu

List of Publications by Year in descending order

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131
papers

5,656
citations

71061

41
h-index

95218

68
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131
all docs

131
docs citations

131
times ranked

2668
citing authors

#	ARTICLE	IF	CITATIONS
1	Wintertime aerosol characteristics over the Indo-Gangetic Plain (IGP): Impacts of local boundary layer processes and long-range transport. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	287
2	Aerosol radiative forcing due to enhanced black carbon at an urban site in India. <i>Geophysical Research Letters</i> , 2002, 29, 27-1-27-4.	1.5	219
3	Trends in aerosol optical depth over Indian region: Potential causes and impact indicators. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 11,794.	1.2	195
4	Aerosol black carbon over a tropical coastal station in India. <i>Geophysical Research Letters</i> , 2002, 29, 13-1-13-4.	1.5	192
5	Integrated Campaign for Aerosols, gases and Radiation Budget (ICARB): An overview. <i>Journal of Earth System Science</i> , 2008, 117, 243-262.	0.6	178
6	Buildup of aerosols over the Indian Region. <i>Geophysical Research Letters</i> , 2013, 40, 1011-1014.	1.5	171
7	Spatial distribution of aerosol black carbon over India during pre-monsoon season. <i>Atmospheric Environment</i> , 2009, 43, 1071-1078.	1.9	166
8	Climate implications of large warming by elevated aerosol over India. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	157
9	Aerosol Characteristics and Radiative Impacts over the Arabian Sea during the Intermonsoon Season: Results from ARMEX Field Campaign. <i>Journals of the Atmospheric Sciences</i> , 2005, 62, 192-206.	0.6	133
10	Black carbon aerosols over the Himalayas: direct and surface albedo forcing. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 65, 19738.	0.8	118
11	Spatial and vertical heterogeneities in aerosol properties over oceanic regions around India: Implications for radiative forcing. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2009, 135, 2131-2145.	1.0	116
12	Simulation of South Asian aerosols for regional climate studies. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	100
13	Dust absorption over the "Great Indian Desert" inferred using ground-based and satellite remote sensing. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	98
14	Free tropospheric black carbon aerosol measurements using high altitude balloon: Do BC layers build "their own homes" up in the atmosphere?. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	98
15	Radiative forcing by aerosols over the Bay of Bengal region derived from shipborne, island-based, and satellite (Moderate-Resolution Imaging Spectroradiometer) observations. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	97
16	Altitude profiles of aerosol BC, derived from aircraft measurements over an inland urban location in India. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	91
17	Temporal heterogeneity in aerosol characteristics and the resulting radiative impact at a tropical coastal station " Part 1: Microphysical and optical properties. <i>Annales Geophysicae</i> , 2007, 25, 2293-2308.	0.6	91
18	Climatology of columnar aerosol properties and the influence of synoptic conditions: First-time results from the northeastern region of India. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	89

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19	High altitude (~ 4520 m amsl) measurements of black carbon aerosols over western trans-Himalayas: Seasonal heterogeneity and source apportionment. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	87
20	Declining pre-monsoon dust loading over South Asia: Signature of a changing regional climate. <i>Scientific Reports</i> , 2017, 7, 16062.	1.6	86
21	Aerosol black carbon over Arabian Sea during intermonsoon and summer monsoon seasons. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	1.5	83
22	Aerosol spectral optical depths over the Bay of Bengal: Role of transport. <i>Geophysical Research Letters</i> , 2003, 30, n/a-n/a.	1.5	82
23	Aerosol black carbon quantification in the central Indo-Gangetic Plain: Seasonal heterogeneity and source apportionment. <i>Atmospheric Research</i> , 2017, 185, 13-21.	1.8	81
24	A study of PM, PM10 and PM2.5 concentration at a tropical coastal station. <i>Atmospheric Research</i> , 2002, 61, 149-167.	1.8	70
25	Aerosol black carbon over Bay of Bengal observed from an island location, Port Blair: Temporal features and long-range transport. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	69
26	Aerosol characteristics in the marine atmospheric boundary layer over the Bay of Bengal and Arabian Sea during ICARB: Spatial distribution and latitudinal and longitudinal gradients. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	67
27	Characterization of aerosol black carbon over a tropical semi-arid region of Anantapur, India. <i>Atmospheric Research</i> , 2011, 100, 12-27.	1.8	67
28	Aerosol black carbon characteristics over Central India: Temporal variation and its dependence on mixed layer height. <i>Atmospheric Research</i> , 2014, 147-148, 27-37.	1.8	60
29	Multi-year investigations of near surface and columnar aerosols over Dibrugarh, northeastern location of India: Heterogeneity in source impacts. <i>Atmospheric Environment</i> , 2011, 45, 1714-1724.	1.9	58
30	Characteristics of spectral aerosol optical depths over India during ICARB. <i>Journal of Earth System Science</i> , 2008, 117, 303-313.	0.6	55
31	Performance evaluation of chemistry transport models over India. <i>Atmospheric Environment</i> , 2013, 71, 210-225.	1.9	54
32	Optical and physical characteristics of Bay of Bengal aerosols during ICARB: Spatial and vertical heterogeneities in the marine atmospheric boundary layer and in the vertical column. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	53
33	Aircraft measurements of aerosol black carbon from a coastal location in the north-east part of peninsular India during ICARB. <i>Journal of Earth System Science</i> , 2008, 117, 263-271.	0.6	52
34	Impact of biomass burning on regional aerosol optical properties: A case study over northern India. <i>Journal of Environmental Management</i> , 2019, 244, 328-343.	3.8	50
35	Vertical structure and horizontal gradients of aerosol extinction coefficients over coastal India inferred from airborne lidar measurements during the Integrated Campaign for Aerosol, Gases and Radiation Budget (ICARB) field campaign. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	49
36	Improved assessment of aerosol absorption using OMI-MODIS joint retrieval. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	48

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37	Sources of black carbon aerosols in South Asia and surrounding regions during the Integrated Campaign for Aerosols, Gases and Radiation Budget (ICARB). <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 5415-5428.	1.9	48
38	Black carbon aerosols in a tropical semi-urban coastal environment: Effects of boundary layer dynamics and long range transport. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2013, 104, 116-125.	0.6	46
39	Aerosol number size distributions over a coastal semi urban location: Seasonal changes and ultrafine particle bursts. <i>Science of the Total Environment</i> , 2016, 563-564, 351-365.	3.9	46
40	Decreasing Trend in Black Carbon Aerosols Over the Indian Region. <i>Geophysical Research Letters</i> , 2019, 46, 2903-2910.	1.5	45
41	Radiative effects of absorbing aerosols over northeastern India: Observations and model simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 1132-1157.	1.2	44
42	Optical and Physical Properties of Atmospheric Aerosols over the Bay of Bengal during ICARB. <i>Journals of the Atmospheric Sciences</i> , 2009, 66, 2640-2658.	0.6	43
43	Thinking about water and air to attain Sustainable Development Goals during times of COVID-19 Pandemic. <i>Journal of Earth System Science</i> , 2020, 129, 1.	0.6	42
44	Black carbon aerosol quantification over north-west Himalayas: Seasonal heterogeneity, source apportionment and radiative forcing. <i>Environmental Pollution</i> , 2020, 257, 113446.	3.7	41
45	Contrasting aerosol characteristics and radiative forcing over Hyderabad, India due to seasonal mesoscale and synoptic-scale processes. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2013, 139, 434-450.	1.0	40
46	Black carbon aerosols over coastal Antarctica and its scavenging by snow during the Southern Hemispheric summer. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	39
47	Aerosol characteristics in north-east India using ARFINET spectral optical depth measurements. <i>Atmospheric Environment</i> , 2016, 125, 461-473.	1.9	39
48	Modeling of aerosol induced snow albedo feedbacks over the Himalayas and its implications on regional climate. <i>Climate Dynamics</i> , 2020, 54, 4191-4210.	1.7	39
49	Absorption characteristics of aerosols over the northwestern region of India: Distinct seasonal signatures of biomass burning aerosols and mineral dust. <i>Atmospheric Environment</i> , 2013, 73, 92-102.	1.9	38
50	Seasonal variation of vertical distribution of aerosol single scattering albedo over Indian sub-continent: RAWEX aircraft observations. <i>Atmospheric Environment</i> , 2016, 125, 312-323.	1.9	38
51	Influence of Changes in the Prevailing Synoptic Conditions on the Response of Aerosol Characteristics to Land- and Sea-Breeze Circulations at a Coastal Station. <i>Boundary-Layer Meteorology</i> , 2003, 108, 145-161.	1.2	37
52	Vertical distribution of aerosols over the east coast of India inferred from airborne LIDAR measurements. <i>Annales Geophysicae</i> , 2009, 27, 4157-4169.	0.6	37
53	Physical and optical properties of aerosols in a free tropospheric environment: Results from long-term observations over western trans-Himalayas. <i>Atmospheric Environment</i> , 2014, 84, 262-274.	1.9	37
54	Spatial distribution and spectral characteristics of aerosol single scattering albedo over the Bay of Bengal inferred from shipborne measurements. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	36

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55	Fine and ultrafine particles at a near-free tropospheric environment over the high-altitude station Hanle in the Trans-Himalaya: New particle formation and size distribution. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	36
56	Large latitudinal gradients and temporal heterogeneity in aerosol black carbon and its mass mixing ratio over southern and northern oceans observed during a trans-continental cruise experiment. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	1.5	33
57	Direct radiative effects of aerosols over South Asia from observations and modeling. <i>Climate Dynamics</i> , 2017, 49, 1411-1428.	1.7	33
58	Characterization of atmospheric Black Carbon over a semi-urban site of Southeast India: Local sources and long-range transport. <i>Atmospheric Research</i> , 2018, 213, 411-421.	1.8	33
59	Aerosol black carbon characteristics over a high-altitude Western Ghats location in Southern India. <i>Annales Geophysicae</i> , 2014, 32, 1361-1371.	0.6	32
60	Optical properties and CCN activity of aerosols in a high-altitude Himalayan environment: Results from RAWEX-GVAX. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 2453-2469.	1.2	31
61	Vertical Structure of Aerosols and Mineral Dust Over the Bay of Bengal From Multisatellite Observations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 12,845.	1.2	30
62	Meridional gradients in aerosol vertical distribution over Indian Mainland: Observations and model simulations. <i>Atmospheric Environment</i> , 2016, 125, 337-345.	1.9	29
63	Aerosol black carbon over Svalbard regions of Arctic. <i>Polar Science</i> , 2016, 10, 60-70.	0.5	28
64	CCN characteristics over a tropical coastal station during south-west monsoon: observations and closure studies. <i>Atmospheric Environment</i> , 2017, 164, 299-308.	1.9	28
65	Chemical and isotopic characteristics of PM10 over the Bay of Bengal: Effects of continental outflow on a marine environment. <i>Science of the Total Environment</i> , 2020, 726, 138438.	3.9	27
66	Seasonal changes in aerosol characteristics over Arabian Sea and their consequence on aerosol short-wave radiative forcing: Results from ARMEX field campaign. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2008, 70, 820-834.	0.6	26
67	Cloud condensation nuclei properties of South Asian outflow over the northern Indian Ocean during winter. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 3135-3149.	1.9	26
68	Modeling of the Effects of Wintertime Aerosols on Boundary Layer Properties Over the Indo Gangetic Plain. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 4141-4157.	1.2	25
69	Anthropogenic emissions from South Asia reverses the aerosol indirect effect over the northern Indian Ocean. <i>Scientific Reports</i> , 2020, 10, 18360.	1.6	25
70	The formation and growth of ultrafine particles in two contrasting environments: a case study. <i>Annales Geophysicae</i> , 2014, 32, 817-830.	0.6	24
71	Large aerosol optical depths observed at an urban location in southern India associated with rain-deficit summer monsoon season. <i>Annales Geophysicae</i> , 2004, 22, 3073-3077.	0.6	23
72	Size segregated aerosol mass concentration measurements over the Arabian Sea during ICARB. <i>Journal of Earth System Science</i> , 2008, 117, 315-323.	0.6	23

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73	Physico-chemical and optical properties of aerosols at a background site (~4 km a.s.l.) in the western Himalayas. <i>Atmospheric Environment</i> , 2019, 218, 117017.	1.9	23
74	Particle number size distributions and new particle formation events over the northern Indian Ocean during continental outflow. <i>Atmospheric Environment</i> , 2020, 238, 117719.	1.9	22
75	Radiative properties of Bay of Bengal aerosols: Spatial distinctiveness and source impacts. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	21
76	Influence of continental outflow and ocean biogeochemistry on the distribution of fine and ultrafine particles in the marine atmospheric boundary layer over Arabian Sea and Bay of Bengal. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 7321-7331.	1.2	20
77	Surprising observation of large anthropogenic aerosol fraction over the "near-pristine" southern Bay of Bengal: Climate implications. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	19
78	Spatial heterogeneities in aerosol size distribution over Bay of Bengal during Winter-ICARB Experiment. <i>Atmospheric Environment</i> , 2011, 45, 4695-4706.	1.9	19
79	Large-scale enhancement in aerosol absorption in the lower free troposphere over continental India during spring. <i>Geophysical Research Letters</i> , 2016, 43, 11,453.	1.5	19
80	Aerosol microphysics over a tropical coastal station inferred from the spectral dependence of Angstrom wavelength exponent and inversion of spectral aerosol optical depths. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2009, 71, 1846-1857.	0.6	18
81	Scattering and absorption characteristics of atmospheric aerosols over a semi-urban coastal environment. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2014, 119, 211-222.	0.6	18
82	CCN activation properties at a tropical hill station in Western Ghats during south-west summer monsoon: Vertical heterogeneity. <i>Atmospheric Research</i> , 2018, 214, 36-45.	1.8	17
83	Effect of aerosol-induced snow darkening on the direct radiative effect of aerosols over the Himalayan region. <i>Environmental Research Letters</i> , 2021, 16, 064004.	2.2	17
84	Long term (2007-2013) observations of columnar aerosol optical properties and retrieved size distributions over Anantapur, India using multi wavelength solar radiometer. <i>Atmospheric Environment</i> , 2016, 142, 238-250.	1.9	16
85	Scavenging ratio of black carbon in the Arctic and the Antarctic. <i>Polar Science</i> , 2018, 16, 10-22.	0.5	16
86	Recent Regime Shifts in Mineral Dust Trends Over South Asia From Long-Term CALIPSO Observations. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 4485-4489.	2.7	16
87	Spatial gradient of aerosol mass concentrations and size distributions over southeastern Arabian Sea and equatorial Indian Ocean during ICARB-2018. <i>Atmospheric Environment</i> , 2019, 213, 727-738.	1.9	16
88	Recent trend in the global distribution of aerosol direct radiative forcing from satellite measurements. <i>Atmospheric Science Letters</i> , 2020, 21, e975.	0.8	16
89	Large scale modulations of spectral aerosol optical depths by atmospheric planetary waves. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	15
90	Atmospheric aerosol radiative forcing over a semi-continental location Tripura in North-East India: Model results and ground observations. <i>Science of the Total Environment</i> , 2017, 580, 499-508.	3.9	15

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91	Black carbon physical and optical properties across northern India during pre-monsoon and monsoon seasons. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 13079-13096.	1.9	15
92	Assessment of the vertical distribution of speciated aerosol absorption over South Asia using spaceborne LIDAR and ground-based observations. <i>Remote Sensing of Environment</i> , 2021, 253, 112164.	4.6	15
93	Influence of circulation parameters on the AOD variations over the Bay of Bengal during ICARB. <i>Journal of Earth System Science</i> , 2008, 117, 353-360.	0.6	14
94	Spatial distribution and vertical structure of the MABL aerosols over Bay of Bengal during winter: Results from W-ICARB experiment. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2011, 73, 430-438.	0.6	14
95	Multi-year investigations of aerosols from an island station, Port Blair, in the Bay of Bengal: climatology and source impacts. <i>Annales Geophysicae</i> , 2012, 30, 1113-1127.	0.6	14
96	Spatial Gradients in Aerosol-Induced Atmospheric Heating and Surface Dimming over the Oceanic Regions around India: Anthropogenic or Natural?. <i>Journal of Climate</i> , 2013, 26, 7611-7621.	1.2	14
97	Seasonal variation in the spatial distribution of aerosol black carbon over Bay of Bengal: A synthesis of multi-campaign measurements. <i>Atmospheric Environment</i> , 2013, 64, 366-373.	1.9	13
98	Rapid response of atmospheric $\langle \text{BC} \rangle$ to anthropogenic sources: observational evidence. <i>Atmospheric Science Letters</i> , 2014, 15, 166-171.	0.8	13
99	Satellite-retrieved direct radiative forcing of aerosols over North-East India and adjoining areas: climatology and impact assessment. <i>International Journal of Climatology</i> , 2017, 37, 298-317.	1.5	12
100	Vertical and Horizontal Gradients in Aerosol Black Carbon and Its Mass Fraction to Composite Aerosols over the East Coast of Peninsular India from Aircraft Measurements. <i>Advances in Meteorology</i> , 2010, 2010, 1-7.	0.6	10
101	Role of anthropogenic emissions and meteorology on ultrafine particle bursts over a high altitude site in Western Ghats during pre-monsoon. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2018, 179, 378-388.	0.6	10
102	Implications of Site-specific Mass Absorption Cross-section (MAC) to Black Carbon Observations at a High-altitude Site in the Central Himalaya. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2022, 58, 83-96.	1.3	10
103	Seasonal contrast in the vertical profiles of aerosol number concentrations and size distributions over India: Implications from RAWEX aircraft campaign. <i>Journal of Earth System Science</i> , 2019, 128, 1.	0.6	9
104	Absorption characteristics of aerosols over the central Himalayas and its adjacent foothills. <i>Atmospheric Research</i> , 2020, 233, 104718.	1.8	9
105	Seasonal heterogeneity in aerosol optical properties over the subtropical humid region of northern India. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2020, 201, 105246.	0.6	9
106	Carbonaceous Aerosols over Lachung in the Eastern Himalayas: Primary Sources and Secondary Formation of Organic Aerosols in a Remote High-Altitude Environment. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 2493-2506.	1.2	9
107	Ozone chemistry and dynamics at a tropical coastal site impacted by the COVID-19 lockdown. <i>Journal of Earth System Science</i> , 2021, 130, 1.	0.6	9
108	Multi-layer distribution of Black Carbon and inorganic ions in the snowpacks of western Himalayas and snow albedo forcing. <i>Atmospheric Environment</i> , 2021, 261, 118564.	1.9	9

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109	Latitudinal distribution of aerosol black carbon and its mass fraction to composite aerosols over peninsular India during winter season. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	8
110	Study of aerosol types and seasonal sources using wavelength dependent Å...ngstrÅm exponent over North-East India: Ground-based measurement and satellite remote sensing. <i>Advances in Space Research</i> , 2018, 62, 1049-1064.	1.2	8
111	Effects of Aerosol-Induced Snow Albedo Feedback on the Seasonal Snowmelt Over the Himalayan Region. <i>Water Resources Research</i> , 2022, 58, .	1.7	8
112	Aerosol mass size distribution and black carbon over a high altitude location in Western Trans-Himalayas: Impact of a dust episode. <i>Aeolian Research</i> , 2014, 15, 161-168.	1.1	7
113	Implications of multiple scattering on the assessment of black carbon aerosol radiative forcing. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2014, 148, 134-140.	1.1	7
114	Variability of Atmospheric Aerosols Over India. <i>Springer Geology</i> , 2017, , 221-248.	0.2	7
115	Role of sulphate and carbonaceous aerosols on the radiative effects of aerosols over a remote high-altitude site Lachung in the Eastern Himalayas. <i>Atmospheric Research</i> , 2021, 263, 105799.	1.8	7
116	New estimates of aerosol radiative effects over India from surface and satellite observations. <i>Atmospheric Research</i> , 2022, 276, 106254.	1.8	7
117	Satellite-retrieved direct radiative forcing of aerosols over North-East India and adjoining areas: climatology and impact assessment. <i>International Journal of Climatology</i> , 2017, 37, 4756-4756.	1.5	6
118	Applicability of Machine Learning Model to Simulate Atmospheric CO ₂ , Variability. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-6.	2.7	6
119	Observations of particle number size distributions and new particle formation in six Indian locations. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 4491-4508.	1.9	6
120	Mesoscale variations of the chemical composition of submicron aerosols and its influence on the cloud condensation nuclei activation. <i>Atmospheric Environment</i> , 2022, 268, 118778.	1.9	5
121	On the net primary productivity over the Arabian Sea due to the reduction in mineral dust deposition. <i>Scientific Reports</i> , 2022, 12, 7761.	1.6	5
122	Quasi-biennial oscillations in spectral aerosol optical depth. <i>Atmospheric Science Letters</i> , 2009, 10, 279-284.	0.8	4
123	Role of Aerosol Physicochemical Properties on Aerosol Hygroscopicity and Cloud Condensation Nuclei Activity in a Tropical Coastal Atmosphere. <i>ACS Earth and Space Chemistry</i> , 2022, 6, 1527-1542.	1.2	4
124	Vertical distributions of the microscopic morphological characteristics and elemental composition of aerosols over India. <i>Journal of Atmospheric Chemistry</i> , 2020, 77, 117-140.	1.4	3
125	Long-term changes in aerosol radiative properties over Ny-Ålesund: Results from Indian scientific expeditions to the Arctic. <i>Polar Science</i> , 2021, 30, 100700.	0.5	3
126	Long-Term Trends in Black Carbon and Aerosol Optical Depth Over the Central Himalayas: Potential Causes and Implications. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	3

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127	Deciphering the Role of Aerosol-Induced Snow Albedo Feedback on Dust Emission Over the Tibetan Plateau. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	1.2	3
128	Source apportionment of absorbing aerosols in the central Indo-Gangetic Plain. Proceedings of SPIE, 2016, , .	0.8	2
129	Long term trend in aerosol direct radiative effects over Indian Ocean region from multi-satellite observations. Remote Sensing Letters, 2021, 12, 994-1003.	0.6	2
130	Spatial and Altitudinal Contrast in Aerosol Radiative Properties across the Indo-Gangetic Plain. , 2019, , .		0
131	Mineral dust characterization over the Himalayan cryosphere using space-borne lidar depolarization observations. , 2020, , .		0