

# Suresh Tiwari

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12001082/publications.pdf>

Version: 2024-02-01

45  
papers

2,218  
citations

218677

26  
h-index

233421

45  
g-index

45  
all docs

45  
docs citations

45  
times ranked

2258  
citing authors

#	ARTICLE	IF	CITATIONS
1	Water-soluble organic carbon aerosols during a full New Delhi winter: Isotope-based source apportionment and optical properties. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 3476-3485.	3.3	186
2	Black carbon and chemical characteristics of PM <sub>10</sub> and PM <sub>2.5</sub> at an urban site of North India. <i>Journal of Atmospheric Chemistry</i> , 2009, 62, 193-209.	3.2	183
3	Chemical characterization of atmospheric PM in Delhi, India, during different periods of the year including Diwali festival. <i>Atmospheric Pollution Research</i> , 2011, 2, 418-427.	3.8	166
4	Air quality in megacity Delhi affected by countryside biomass burning. <i>Nature Sustainability</i> , 2019, 2, 200-205.	23.7	148
5	Photochemical degradation affects the light absorption of water-soluble brown carbon in the South Asian outflow. <i>Science Advances</i> , 2019, 5, eaau8066.	10.3	123
6	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.	3.3	121
7	The national free delivery policy in Nepal: early evidence of its effects on health facilities. <i>Health Policy and Planning</i> , 2011, 26, ii84-ii91.	2.7	91
8	Financial implications of skilled attendance at delivery in Nepal. <i>Tropical Medicine and International Health</i> , 2006, 11, 228-237.	2.3	86
9	Intra-urban variability of particulate matter (PM <sub>2.5</sub> and PM <sub>10</sub> ) and its relationship with optical properties of aerosols over Delhi, India. <i>Atmospheric Research</i> , 2015, 166, 223-232.	4.1	85
10	Precipitation chemistry over urban, rural and high altitude Himalayan stations in eastern India. <i>Atmospheric Research</i> , 2016, 181, 44-53.	4.1	75
11	Aerosol Chemistry over a High Altitude Station at Northeastern Himalayas, India. <i>PLoS ONE</i> , 2010, 5, e11122.	2.5	74
12	Investigation into relationships among NO, NO <sub>2</sub> , NO <sub>x</sub> , O <sub>3</sub> , and CO at an urban background site in Delhi, India. <i>Atmospheric Research</i> , 2015, 157, 119-126.	4.1	68
13	Nature and Sources of Ionic Species in Precipitation across the Indo-Gangetic Plains, India. <i>Aerosol and Air Quality Research</i> , 2016, 16, 943-957.	2.1	60
14	Chemical characterization of PM <sub>2.5</sub> and source apportionment of organic aerosol in New Delhi, India. <i>Science of the Total Environment</i> , 2020, 745, 140924.	8.0	60
15	Chemical characterization of water-soluble aerosols in different residential environments of semi arid region of India. <i>Journal of Atmospheric Chemistry</i> , 2009, 62, 121-138.	3.2	52
16	The Role of the Intertropical Discontinuity Region and the Heat Low in Dust Emission and Transport Over the Thar Desert, India: A Premonsoon Case Study. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 13197-13219.	3.3	49
17	Aerosol and pollutant characteristics in Delhi during a winter research campaign. <i>Environmental Science and Pollution Research</i> , 2019, 26, 3771-3794.	5.3	49
18	Monsoon rain chemistry and source apportionment using receptor modeling in and around National Capital Region (NCR) of Delhi, India. <i>Atmospheric Environment</i> , 2007, 41, 5595-5604.	4.1	43

#	ARTICLE	IF	CITATIONS
19	Variability in optical properties of atmospheric aerosols and their frequency distribution over a mega city – New Delhi, India. <i>Environmental Science and Pollution Research</i> , 2016, 23, 8781-8793.	5.3	42
20	Coarse particle (PM <sub>10</sub> <sup>2.5</sup>) source profiles for emissions from domestic cooking and industrial process in Central India. <i>Science of the Total Environment</i> , 2018, 627, 1137-1145.	8.0	41
21	Characterization and radiative impact of dust aerosols over northwestern part of India: a case study during a severe dust storm. <i>Meteorology and Atmospheric Physics</i> , 2016, 128, 779-792.	2.0	36
22	Real-time characterization and source apportionment of fine particulate matter in the Delhi megacity area during late winter. <i>Science of the Total Environment</i> , 2021, 770, 145324.	8.0	35
23	Aerosol emissions factors from traditional biomass cookstoves in India: insights from field measurements. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 13721-13729.	4.9	33
24	PM <sub>2.5</sub> Chemical Source Profiles of Emissions Resulting from Industrial and Domestic Burning Activities in India. <i>Aerosol and Air Quality Research</i> , 2014, 14, 2051-2066.	2.1	33
25	Characterization of PM <sub>2.5</sub> Source Profiles for Traffic and Dust Sources in Raipur, India. <i>Aerosol and Air Quality Research</i> , 2015, 15, 2537-2548.	2.1	32
26	PM <sub>2.5</sub> pollution from household solid fuel burning practices in central India: 1. Impact on indoor air quality and associated health risks. <i>Environmental Geochemistry and Health</i> , 2017, 39, 1045-1058.	3.4	26
27	Incentivizing universal safe delivery in Nepal: 10 years of experience. <i>Health Policy and Planning</i> , 2017, 32, 1185-1192.	2.7	22
28	Light Absorption by Organic Aerosol Emissions Rivals That of Black Carbon from Residential Biomass Fuels in South Asia. <i>Environmental Science and Technology Letters</i> , 2020, 7, 266-272.	8.7	22
29	Tropospheric ozone enhancement during post-harvest crop-residue fires at two downwind sites of the Indo-Gangetic Plain. <i>Environmental Science and Pollution Research</i> , 2018, 25, 18879-18893.	5.3	20
30	Contribution of Nepal's Free Delivery Care Policies in Improving Utilisation of Maternal Health Services. <i>International Journal of Health Policy and Management</i> , 2018, 7, 645-655.	0.9	20
31	Temporal and spatial variations of PM <sub>2.5</sub> organic and elemental carbon in Central India. <i>Environmental Geochemistry and Health</i> , 2018, 40, 2205-2222.	3.4	18
32	Household solid fuel burning emission characterization and activity levels in India. <i>Science of the Total Environment</i> , 2019, 654, 493-504.	8.0	17
33	Characterization and Spatiotemporal Variation of Urban Ambient Dust Fallout in Central India. <i>Aerosol and Air Quality Research</i> , 2013, 13, 83-96.	2.1	14
34	Study of carbonaceous fractions associated with indoor PM <sub>2.5</sub> /PM <sub>10</sub> during Asian cultural and ritual burning practices. <i>Building and Environment</i> , 2016, 106, 229-236.	6.9	12
35	Most probable mixing state of aerosols in Delhi NCR, northern India. <i>Atmospheric Research</i> , 2018, 200, 88-96.	4.1	12
36	Importance of aerosol non-sphericity in estimating aerosol radiative forcing in Indo-Gangetic Basin. <i>Science of the Total Environment</i> , 2017, 599-600, 655-662.	8.0	11

#	ARTICLE	IF	CITATIONS
37	Chemical Characteristics of Atmospheric Aerosol at Alaknanda Valley (Srinagar) in the Central Himalaya Region, India. International Journal of Environmental Research, 2018, 12, 681-691.	2.3	10
38	Suppression of aerosol-induced atmospheric warming by clouds in the Indo-Gangetic Basin, northern India. Theoretical and Applied Climatology, 2019, 137, 2731-2741.	2.8	10
39	PM2.5 pollution from household solid fuel burning practices in Central India: 2. Application of receptor models for source apportionment. Environmental Geochemistry and Health, 2018, 40, 145-161.	3.4	9
40	Aerosol characteristics during the coolest June month over New Delhi, northern India. International Journal of Remote Sensing, 2011, 32, 8463-8483.	2.9	8
41	How secondary inorganic aerosols from Delhi influence aerosol optical and radiative properties at a downwind sub-urban site over Indo-Gangetic Basin?. Atmospheric Environment, 2021, 248, 118246.	4.1	6
42	Impacts of Aerosol Loading in the Hindu Kush Himalayan Region Based on MERRA-2 Reanalysis Data. Atmosphere, 2021, 12, 1290.	2.3	6
43	Anthropogenic aerosols in precipitation over the Indo-Gangetic basin. Environmental Geochemistry and Health, 2023, 45, 961-980.	3.4	2
44	Study of mineral aerosols in fine (PM <sub>2.5</sub> ) and coarse (PM <sub>10</sub> ) atmospheric particles over a world heritage site at Agra, India. International Journal of Environmental Technology and Management, 2014, 17, 538.	0.2	1
45	Changes in Inorganic Chemical Species in Fog Water over Delhi. Asian Journal of Atmospheric Environment, 2022, 16, 1-13.	1.1	1