Bathmanabhan Srimuruganandam

List of Publications by Year
in descending order

30 papers	881 citations	686830 13 h-index	525886 27 g-index
32 all docs	32 docs citations	32 times ranked	1017 citing authors

#	Article	IF	Citations
1	Mass, composition, and sources of particulate matter in residential and traffic sites of an urban environment. Environmental Geochemistry and Health, 2023, 45, 2031-2050.	1.8	1
2	Age-specific and seasonal deposition of outdoor and indoor particulate matter in human respiratory tract. Atmospheric Pollution Research, 2022, 13, 101298.	1.8	13
3	Spatio-temporal health benefits attributable to PM$_{2.5}$ reduction in an Indian city. International Journal of Environmental Health Research, 2022, , 1-11.	1.3	0
4	Size-segregated particulate matter characteristics in indoor and outdoor environments of urban traffic and residential sites. Urban Climate, 2022, 44, 101232.	2.4	3
5	Bioactive Trace Elements' Composition and Their Fractional Solubility in Aerosols from the Arabian Sea during the Southwest Monsoon. ACS Earth and Space Chemistry, 2022, 6, 1969-1981.	1.2	2
6	Application of micro-morphology in the physical characterization of urban road dust. Particuology, 2021, 54, 146-155.	2.0	9
7	Commuter exposure concentrations and inhalation doses in traffic and residential routes of Vellore city, India. Atmospheric Pollution Research, 2021, 12, 219-230.	1.8	20
8	Health benefits of achieving fine particulate matter standards in India – A nationwide assessment. Science of the Total Environment, 2021, 763, 142999.	3.9	14
9	Health effects of particulate matter in major Indian cities. International Journal of Environmental Health Research, 2021, 31, 258-270.	1.3	48
10	Characteristics of indoor air pollutants and estimation of their exposure dose. Air Quality, Atmosphere and Health, 2021, 14, 1033-1047.	1.5	13
11	Effect of silt loading on particle concentration in the atmosphere from resuspended road dust through particulate matter dispersion modeling. Air Quality, Atmosphere and Health, 2021, 14, 1475-1486.	1.5	2
12	Size-segregated particulate matter and health effects in air pollution in India: a review. Environmental Chemistry Letters, 2021, 19, 3837-3858.	8.3	11
13	Investigation of on-road fine particulate matter exposure concentration and its inhalation dosage levels in an urban area. Building and Environment, 2021, 198, 107914.	3.0	10
14	Source apportionment of urban road dust using four multivariate receptor models. Environmental Earth Sciences, 2021, 80, 1.	1.3	4
15	Assessment of Biomass Burning Emissions from India—A Comprehensive Study. Springer Transactions in Civil and Environmental Engineering, 2021, , 411-424.	0.3	0
16	Assessment of Microplastics in Roadside Suspended Dust from Urban and Rural Environment of Nagpur, India. International Journal of Environmental Research, 2020, 14, 629-640.	1.1	48
17	Land use/land cover and land surface temperature analysis in Wayanad district, India, using satellite imagery. Annals of GIS, 2020, 26, 343-360.	1.4	47
18	Investigation of road dust characteristics and its associated health risks from an urban environment. Environmental Geochemistry and Health, 2020, 42, 2819-2840.	1.8	38

#	Article	IF	Citations
19	Estimation of PM2.5-Related Hospital Admissions and Its Monetary Burden in Hyderabad, India. Lecture Notes in Civil Engineering, 2020, , 1-10.	0.3	3
20	Assessment of gaseous emissions and radiative forcing in Indian forest fires. International Journal of Environmental Studies, 2019, 76, 541-557.	0.7	6
21	Assessment, Prediction and Mapping of Noise Levels in Vellore City, India. Noise Mapping, 2019, 6, 38-51.	0.7	21
22	Application of multiple-path particle dosimetry model for quantifying age specified deposition of particulate matter in human airway. Ecotoxicology and Environmental Safety, 2019, 168, 241-248.	2.9	92
23	Quantification of Size Segregated Particulate Matter Deposition in Human Airways. Journal of Advanced Research in Alternative Energy Environment and Ecology, 2018, 05, 15-22.	0.0	4
24	ANN-based PM prediction model for assessing the temporal variability of PM10, PM2.5 and PM1 concentrations at an urban roadway. International Journal of Environmental Engineering, 2015, 7, 60.	0.1	5
25	Winter time particulate matter concentrations at an urban roadway in India. International Journal of Environmental Engineering, 2013, 5, 351.	0.1	0
26	Application of positive matrix factorization in characterization of PM10 and PM2.5 emission sources at urban roadside. Chemosphere, 2012, 88, 120-130.	4.2	83
27	Source characterization of PM10 and PM2.5 mass using a chemical mass balance model at urban roadside. Science of the Total Environment, 2012, 433, 8-19.	3.9	144
28	Chemical characterization of PM10 and PM2.5 mass concentrations emitted by heterogeneous traffic. Science of the Total Environment, 2011, 409, 3144-3157.	3.9	47
29	Characteristics of particulate matter and heterogeneous traffic in the urban area of India. Atmospheric Environment, 2011, 45, 3091-3102.	1.9	72
30	Analysis and interpretation of particulate matter â€" PM10, PM2.5 and PM1 emissions from the heterogeneous traffic near an urban roadway. Atmospheric Pollution Research, 2010, 1, 184-194.	1.8	121