Mukesh Khare

List of Publications by Year in Descending Order

72 papers	3,539 citations	25 h-index	59 g-index
77 ext. papers	4,475 ext. citations	5.1 avg, IF	5.38 L-index

#	Paper	IF	Citations
72	Composition, sources, and health risk assessment of particulate matter at two different elevations in Delhi city. *Atmospheric Pollution Research*, **2022**, 13, 101295	4.5	0
71	In-kitchen aerosol exposure in twelve cities across the globe.. *Environment International*, **2022**, 162, 107155	12.9	1
70	Air Quality Management and Control. *Springer Transactions in Civil and Environmental Engineering*, **2021**, 59-68	0.4	
69	Air Quality Modelling. *Springer Transactions in Civil and Environmental Engineering*, **2021**, 35-57	0.4	
68	Regression-based flexible models for photochemical air pollutants in the national capital territory of megacity Delhi. *Chemosphere*, **2021**, 272, 129611	8.4	5
67	In-car particulate matter exposure across ten global cities. *Science of the Total Environment*, **2021**, 750, 141395	10.2	22
66	Chemical source profiles of fine particles for five different sources in Delhi. *Chemosphere*, **2021**, 274, 129913	8.4	12
65	Potential health risks due to in-car aerosol exposure across ten global cities. *Environment International*, **2021**, 155, 106688	12.9	8
64	Mapping spatial distribution of particulate matter using Kriging and Inverse Distance Weighting at supersites of megacity Delhi. *Sustainable Cities and Society*, **2020**, 54, 101997	10.1	59
63	Four-year assessment of ambient particulate matter and trace gases in the Delhi-NCR region of India. *Sustainable Cities and Society*, **2020**, 54, 102003	10.1	59
62	Ambient air pollutant monitoring and analysis protocol for low and middle income countries: An element of comprehensive urban air quality management framework. *Atmospheric Environment*, **2020**, 222, 117120	5.3	12
61	"Numerical modelling of PM10 dispersion in open-pit mines". *Chemosphere*, **2020**, 259, 127454	8.4	4
60	Urban local air quality management framework for non-attainment areas in Indian cities. *Science of the Total Environment*, **2018**, 619-620, 1308-1318	10.2	18
59	Quantitative evaluation of source interventions for urban air quality improvement - A case study of Delhi city. *Atmospheric Pollution Research*, **2018**, 9, 577-583	4.5	16
58	Effect of PM chemical constituents on atmospheric visibility impairment. *Journal of the Air and Waste Management Association*, **2018**, 68, 430-437	2.4	18
57	The Lancet Commission on pollution and health. *Lancet, The*, **2018**, 391, 462-512	40	1639
56	The influence of odd-even car trial on fine and coarse particles in Delhi. *Environmental Pollution*, **2017**, 225, 20-30	9.3	62

55	Photo-chemical transport modelling of tropospheric ozone: A review. *Atmospheric Environment*, **2017**, 159, 34-54	5.3	42
54	Simulating ozone concentrations using precursor emission inventories in Delhi National Capital Region of India. *Atmospheric Environment*, **2017**, 151, 117-132	5.3	20
53	A system based approach to develop hybrid model predicting extreme urban NO x and PM 2.5 concentrations. *Transportation Research, Part D: Transport and Environment*, **2017**, 56, 141-154	6.4	13
52	Extreme Events of Reactive Ambient Air Pollutants and their Distribution Pattern at Urban Hotspots. *Aerosol and Air Quality Research*, **2017**, 17, 394-405	4.6	16
51	Statistical behavior of ozone in urban environment. *Sustainable Environment Research*, **2016**, 26, 142-148	3.8	22
50	Case Studies of Source Apportionment from the Indian Sub-continent. *Issues in Environmental Science and Technology*, **2016**, 315-343	0.7	2
49	New directions: Air pollution challenges for developing megacities like Delhi. *Atmospheric Environment*, **2015**, 122, 657-661	5.3	90
48	Comparative Evaluation of Air Quality Dispersion Models for PM2.5 at Air Quality Control Regions in Indian and UK Cities. *Mapan - Journal of Metrology Society of India*, **2015**, 30, 249-260	1	5
47	Urban air quality management-A review. *Atmospheric Pollution Research*, **2015**, 6, 286-304	4.5	181
46	Assessment of Urban Air Quality around a Heritage Site Using AERMOD: A Case Study of Amritsar City, India. *Environmental Modeling and Assessment*, **2015**, 20, 599-608	2	16
45	Health Risks Associated with Heavy Metals in Fine Particulate Matter: A Case Study in Delhi City, India. *Journal of Geoscience and Environment Protection*, **2015**, 03, 72-77	0.3	25
44	Performance evaluation of ISCST3, adms-urban and aermod for urban air quality management in a mega city of India. *International Journal of Sustainable Development and Planning*, **2014**, 9, 778-793	2	3
43	Hybrid modelling approach for effective simulation of reactive pollutants like Ozone. *Atmospheric Environment*, **2013**, 80, 408-414	5.3	12
42	New Directions: Can a Blue sky return to Indian megacities?. *Atmospheric Environment*, **2013**, 71, 198-201	5.3	74
41	Organic matter determination for street dust in Delhi. *Environmental Monitoring and Assessment*, **2013**, 185, 5251-64	3.1	3
40	Indoor Air Quality: Current Status, Missing Links and Future Road Map for India. *Journal of Civil & Environmental Engineering*, **2012**, 02,		9
39	Indoor exploratory analysis of gaseous pollutants and respirable particulate matter at residential homes of Delhi, India. *Atmospheric Pollution Research*, **2011**, 2, 337-350	4.5	28
38	Air quality modelling study to analyse the impact of the World Bank emission guidelines for thermal power plants in Delhi. *Atmospheric Pollution Research*, **2011**, 2, 99-105	4.5	15

37	Formation of atmospheric nitrate under high Particulate Matter concentration. *World Review of Science, Technology and Sustainable Development*, **2011**, 8, 148	1	2
36	Indoor air quality modeling for PM 10, PM 2.5, and PM 1.0 in naturally ventilated classrooms of an urban Indian school building. *Environmental Monitoring and Assessment*, **2011**, 176, 501-16	3.1	53
35	Indoor Air Quality: Monitoring and Modeling Protocol for Urban School Buildings **2011**, 179-192		2
34	Experimental Study on Color Removal from Textile Industry Wastewater Using the Rotating Biological Contactor. *Practice Periodical of Hazardous, Toxic and Radioactive Waste Management*, **2010**, 14, 240-245		3
33	Adaptive neuro-fuzzy modeling for prediction of ambient CO concentration at urban intersections and roadways. *Air Quality, Atmosphere and Health*, **2010**, 3, 203-212	5.6	23
32	Construction of fuzzy membership functions for urban vehicular exhaust emissions modeling. *Environmental Monitoring and Assessment*, **2010**, 167, 691-9	3.1	6
31	Indoor□outdoor concentrations of RSPM in classroom of a naturally ventilated school building near an urban traffic roadway. *Atmospheric Environment*, **2009**, 43, 6026-6038	5.3	84
30	Health benefits valuation of regulatory intervention for air pollution control in thermal power plants in Delhi, India. *Journal of Environmental Planning and Management*, **2009**, 52, 881-899	2.8	3
29	Urban air quality in mega cities: a case study of Delhi City using vulnerability analysis. *Environmental Monitoring and Assessment*, **2008**, 136, 257-65	3.1	29
28	Artificial neural network based carbon monoxide persistence models for episodic urban air quality management. *Environmental Monitoring and Assessment*, **2008**, 139, 247-55	3.1	5
27	Indoor air quality assessment in and around urban slums of Delhi city, India. *Indoor Air*, **2008**, 18, 488-98	5.4	40
26	Sick building syndrome□A case study in a multistory centrally air-conditioned building in the Delhi City. *Building and Environment*, **2007**, 42, 2797-2809	6.5	59
25	Statistical behavior of carbon monoxide from vehicular exhausts in urban environments. *Environmental Modelling and Software*, **2007**, 22, 526-535	5.2	36
24	A theoretical framework for the episodic-urban air quality management plan (e-UAQMP). *Atmospheric Environment*, **2007**, 41, 7887-7894	5.3	17
23	Suspended particulate matter distribution in rural-industrial Satna and in urban-industrial South Delhi. *Environmental Monitoring and Assessment*, **2007**, 128, 431-45	3.1	24
22	Vehicle wake factor for heterogeneous traffic in urban environments. *International Journal of Environment and Pollution*, **2007**, 30, 97	0.7	6
21	Artificial Neural Networks in Vehicular Pollution Modelling. *Studies in Computational Intelligence*, **2007**,	0.8	10
20	Artificial neural network approach for modelling nitrogen dioxide dispersion from vehicular exhaust emissions. *Ecological Modelling*, **2006**, 190, 99-115	3	84

19	General plume dispersion model (GPDM) for point source emission. *Environmental Modeling and Assessment*, **2006**, 11, 267-276	2	16
18	A hybrid model for predicting carbon monoxide from vehicular exhausts in urban environments. *Atmospheric Environment*, **2005**, 39, 4025-4040	5.3	30
17	Wind tunnel simulation studies on dispersion at urban street canyons and intersections review. *Journal of Wind Engineering and Industrial Aerodynamics*, **2005**, 93, 697-717	3.7	162
16	Modelling urban air quality using artificial neural network. *Clean Technologies and Environmental Policy*, **2005**, 7, 116-126	4.3	25
15	Effects of the homogeneous traffic on vertical dispersion parameter in the near field of roadways A wind tunnel study. *Environmental Modeling and Assessment*, **2005**, 10, 55-62	2	2
14	Artificial neural network based line source models for vehicular exhaust emission predictions of an urban roadway. *Transportation Research, Part D: Transport and Environment*, **2004**, 9, 199-208	6.4	30
13	A review of deterministic, stochastic and hybrid vehicular exhaust emission models. *International Journal of Transport Management*, **2004**, 2, 59-74		37
12	Diurnal and seasonal variations of carbon monoxide and nitrogen dioxide in Delhi city. *International Journal of Environment and Pollution*, **2003**, 19, 75	0.7	7
11	Principal component analysis of urban traffic characteristics and meteorological data. *Transportation Research, Part D: Transport and Environment*, **2003**, 8, 285-297	6.4	31
10	Line source emission modelling. *Atmospheric Environment*, **2002**, 36, 2083-2098	5.3	55
9	Model vehicle movement system in wind tunnels for exhaust dispersion studies under various urban street configurations. *Journal of Wind Engineering and Industrial Aerodynamics*, **2002**, 90, 1051-1064	3.7	22
8	Heterogeneous Traffic Induced Effects on Vertical Dispersion Parameter in the Near Field of Roadways - a Wind Tunnel Study. *Environmental Modeling and Assessment*, **2002**, 7, 9-15	2	7
7	Short-term, real-time prediction of the extreme ambient carbon monoxide concentrations due to vehicular exhaust emissions using transfer function-noise model. *Transportation Research, Part D: Transport and Environment*, **2001**, 6, 141-146	6.4	5
6	Modelling of vehicular exhausts a review. *Transportation Research, Part D: Transport and Environment*, **2001**, 6, 179-198	6.4	63
5	Real-time prediction of extreme ambient carbon monoxide concentrations due to vehicular exhaust emissions using univariate linear stochastic models. *Transportation Research, Part D: Transport and Environment*, **2000**, 5, 59-69	6.4	6
4	Application of extreme value theory for predicting violations of air quality standards for an urban road intersection. *Transportation Research, Part D: Transport and Environment*, **1999**, 4, 201-216	6.4	22
3	Application of intervention analysis for assessing the effectiveness of CO pollution control legislation in India. *Transportation Research, Part D: Transport and Environment*, **1999**, 4, 427-432	6.4	14
2	Computer-aided simulation of efficiency of an electrostatic precipitator. *Environment International*, **1996**, 22, 451-462	12.9	6

1 Vertical distribution of PM10 and PM2.5 emission sources and chemical composition during winter period in Delhi city. *Air Quality, Atmosphere and Health*,1 5.6