Umesh Kulshrestha

List of Publications by Year
in descending order

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48	1,427	687335 13	330122 37
papers	citations	h-index	g-index

50	50	50	2705
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nitrogen and sulfur deposition on regional and global scales: A multimodel evaluation. Global Biogeochemical Cycles, 2006, 20, n/a-n/a.	4.9	846
2	Title is missing!. Journal of Atmospheric Chemistry, 1998, 29, 109-118.	3.2	100
3	Impact and pollution indices of urban dust on selected plant species for green belt development: mitigation of the air pollution in NCR Delhi, India. Arabian Journal of Geosciences, 2016, 9, 1.	1.3	53
4	Abundance and distribution of gaseous ammonia and particulate ammonium at Delhi, India. Biogeosciences, 2012, 9, 5023-5029.	3.3	41
5	Rural versus urban gaseous inorganic reactive nitrogen in the Indo-Gangetic plains (IGP) of India. Environmental Research Letters, 2014, 9, 125004.	5.2	41
6	Factors affecting alkaline nature of rain water in Agra (India). Environmental Pollution, 1991, 74, 129-138.	7.5	39
7	Airmass Trajectories and Long Range Transport of Pollutants: Review of Wet Deposition Scenario in South Asia. Advances in Meteorology, 2014, 2014, 1-14.	1.6	38
8	Identification of the nature and source of atmospheric aerosols near the Taj Mahal (India). Environmental Monitoring and Assessment, 1995, 34, 1-11.	2.7	31
9	Spatial and temporal patterns of air pollutants in rural and urban areas of India. Environmental Pollution, 2014, 195, 276-281.	7.5	30
10	Industrial dust sulphate and its effects on biochemical and morphological characteristics of Morus (Morus alba) plant in NCR Delhi. Environmental Monitoring and Assessment, 2015, 187, 67.	2.7	29
11	Formate and acetate levels compared in monsoon and winter rainwater at Dayalbagh, Agra (India). Journal of Atmospheric Chemistry, 1996, 23, 81-87.	3.2	18
12	Status of Atmospheric Mercury Research in South Asia: A Review. Aerosol and Air Quality Research, 2015, 15, 1092-1109.	2.1	18
13	Chemical characteristics and deposition fluxes of dust-carbon mixed coarse aerosols at three sites of Delhi, NCR. Journal of Atmospheric Chemistry, 2017, 74, 399-421.	3.2	15
14	Urban climate and its effect on biochemical and morphological characteristics of Arjun (Terminalia arjuna) plant in National Capital Region Delhi. Chemistry and Ecology, 2015, 31, 524-538.	1.6	12
15	Deposition and Mineralogical Characteristics of Atmospheric Dust in relation to Land Use and Land Cover Change in Delhi (India). Geography Journal, 2014, 2014, 1-11.	0.8	11
16	Characterisation of emission from open-field burning of crop residue during harvesting period in north-west India. Environmental Monitoring and Assessment, 2018, 190, 663.	2.7	9
17	Wintertime distribution and atmospheric interactions of reactive nitrogen species along the urban transect of Delhi â€“ NCR. Atmospheric Environment, 2019, 209, 40-53.	4.1	9
18	Summer Time Dustfall Fluxes of Reactive Nitrogen and Other Inorganic Species over the Tropical Megacity of Indo-Gangetic Plains. Earth Interactions, 2016, 20, 1-20.	1.5	8

#	Article	IF	Citations
19	Gaseous and particulate reactive nitrogen species in the indoor air of selected households in New Delhi. Environmental Monitoring and Assessment, 2021, 193, 231.	2.7	8
20	Biochemical Effects of Air Pollutants on Plants. , 2016, , 59-70.		7
21	Trace ambient levels of particulate mercury and its sources at a rural site near Delhi. Journal of Atmospheric Chemistry, 2018, 75, 335-355.	3.2	7
22	Atmospheric Aerosols: Air Quality and Climate Change Perspectives. Current World Environment Journal, 2015, 10, 738-746.	0.5	7
23	`New Normalâ€™ of COVID-19: Need of New Environmental Standards. Current World Environment Journal, 2020, 15, 151-153.	0.5	6
24	PM1 is More Important than PM2.5 for Human Health Protection. Current World Environment Journal, 2018, 13, 01-02.	0.5	5
25	Respirable Mercury Particulates and Other Chemical Constituents in Festival Aerosols in Delhi. Current World Environment Journal, 2018, 13, 03-14.	0.5	5
26	Estimation of Carbonaceous Emission Impact on Urban Soil-Dust in Delhi. Journal of Climate Change, 2016, 2, 119-127.	0.5	4
27	Study of Risk Assessment of Indoor NH3 in Two Urban Households of NCR-Delhi. Current World Environment Journal, 2020, , 163-175.	0.5	4
28	GHG AND AEROSOL EMISSION FROM FIRE PIXEL DURING CROP RESIDUE BURNING UNDER RICE AND WHEAT CROPPING SYSTEMS IN NORTH-WEST INDIA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B2, 753-760.	0.2	3
29	Biomonitoring and Remediation by Plants. , 2016, , 119-132.		2
30	COVID-19 Air Transmission and Precautions. Current Research in Nutrition and Food Science, 2021, 16, 01-03.	0.8	2
31	Interlinkages Between Total Nitrogen and DOC Levels at an Urban Site of Saharsa District of Bihar (India). Current World Environment Journal, 2021, Special Issue, 78-87.	0.5	2
32	Spatio-Temporal Variation of Atmospheric Gaseous and Particulate Reactive Nitrogen over Northern India. Current World Environment Journal, 2021, Special Issue, 53-67.	0.5	2
33	Wet deposition of atmospheric inorganic reactive nitrogen (Nr) across an urban-industrial-rural transect of Nr emission hotspot (India). Journal of Atmospheric Chemistry, 2021, 78, 271.	3.2	2
34	Dust Air Pollution in Delhi: Creation of Artificial Huge Lakes for A Holistic Solution. Current World Environment Journal, 2018, 13, 180-182.	0.5	2
35	Diurnal Variation of Ambient NH3 in Relation with Agricultural Activities and Meteorological Factors at a Rural Site in North India. Current World Environment Journal, 2021, Special Issue, 17-31.	0.5	1
36	A Study of Socio-Economic Impact of Soft Approaches of Climate Adaptation using Changing Fuel Practice in Indoor Air at Rural Sites in India. Current World Environment Journal, 2021, 16, 444-459.	0.5	1

#	Article	IF	Citations
37	Atmospheric chemistry in Asia: Need of integrated approach. , 2022, , 55-74.		1
38	Role of Quality Management System in Improving the Quality of EIA. Current World Environment Journal, 2019, 14, 205-214.	0.5	1
39	Biochar Application in Agricultural Fields may be Fatal for Solar Energy Mission and Climate Change Targets. Current World Environment Journal, 2020, 15, 377-379.	0.5	1
40	An Analysis of GRAP Task Force Directions for Improved AQI in Delhi during 2018. Current World Environment Journal, 2020, 15, 29-41.	0.5	1
41	Environmental Changes during - COVID-19 Lockdown: Future Implications. Current World Environment Journal, 2020, 15, 01-04.	0.5	1
42	Wet Deposition of Mercury and Dissolved Organic Carbon during Pre-Monsoon and Monsoon Periods at Sitapuri Site in Delhi (India). Current World Environment Journal, 2021, 16, 530-539.	0.5	0
43	N-Cycle and Organic Food: Concept of Modern Township Community Farming for Holistic Society. Current World Environment Journal, 2021, 16, 342-345.	0.5	0
44	Trans-boundary Air Pollution Suffocated the Capital. Current World Environment Journal, 2017, 12, 465-468.	0.5	0
45	The Social Rituals and Environmental Degradation: How to Tackle?. Current World Environment Journal, 2018, 13, 285-287.	0.5	0
46	Reactive Nitrogen: Alarming Note for New Fossil Fuel and Fertilizer Policies. Current World Environment Journal, 2019, 14, 182-185.	0.5	0
47	COP 26: Relevance and Difficulties in Solar Power Dependency. Current World Environment Journal, 2021, 16, 662-664.	0.5	0
48	Indoor Air Pollution and Reactive Nitrogen: A Serious Health Issue. Current World Environment Journal, 2022, 17, 01-03.	0.5	0