

Amit Awasthi

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

573
citations

840776

11
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

614
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of size and mass distribution of particulate matter due to crop residue burning with seasonal variation in rural area of Punjab, India. <i>Journal of Environmental Monitoring</i> , 2011, 13, 1073.	2.1	120
2	Ambient air quality during wheat and rice crop stubble burning episodes in Patiala. <i>Atmospheric Environment</i> , 2009, 43, 238-244.	4.1	114
3	Effects of agriculture crop residue burning on children and young on PFTs in North West India. <i>Science of the Total Environment</i> , 2010, 408, 4440-4445.	8.0	85
4	Effects of exposure to rice-crop residue burning smoke on pulmonary functions and Oxygen Saturation level of human beings in Patiala (India). <i>Science of the Total Environment</i> , 2012, 429, 161-166.	8.0	46
5	Epidemiological study on healthy subjects affected by agriculture crop-residue burning episodes and its relation with their pulmonary function tests. <i>International Journal of Environmental Health Research</i> , 2013, 23, 281-295.	2.7	31
6	Collection efficiency and interstage loss of nanoparticles in micro-orifice-based cascade impactors. <i>Atmospheric Environment</i> , 2013, 69, 325-333.	4.1	27
7	Differences in 24-h average PM _{2.5} concentrations between the beta attenuation monitor (BAM) and the dichotomous sampler (Dichot). <i>Atmospheric Environment</i> , 2013, 75, 341-347.	4.1	22
8	Impact of rice crop residue burning on levels of SPM, SO ₂ and NO ₂ in the ambient air of Patiala (India). <i>International Journal of Environmental Analytical Chemistry</i> , 2010, 90, 829-843.	3.3	18
9	Retrospection of heatwave and heat index. <i>Theoretical and Applied Climatology</i> , 2022, 147, 589-604.	2.8	18
10	Elucidative analysis and sequencing of two respiratory health monitoring methods to study the impact of varying atmospheric composition on human health. <i>Atmospheric Environment</i> , 2017, 171, 32-37.	4.1	15
11	Characterization of atmospheric aerosols for organic tarry matter and combustible matter during crop residue burning and non-crop residue burning months in Northwestern region of India. <i>Atmospheric Environment</i> , 2010, 44, 1292-1300.	4.1	13
12	Statistical interpretation of environmental influencing parameters on COVID-19 during the lockdown in Delhi, India. <i>Environment, Development and Sustainability</i> , 2021, 23, 8147-8160.	5.0	12
13	The Effect of Nanoparticle Morphology on the Measurement Accuracy of Mobility Particle Sizers. <i>Mapan - Journal of Metrology Society of India</i> , 2013, 28, 205-215.	1.5	11
14	Structural, morphological and temperature-dependent electrical properties of BN/NiO nanocomposites. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 13158-13166.	2.2	10
15	Statistical Model to Study the Effect of Agriculture Crop Residue Burning on Healthy Subjects. <i>Mapan - Journal of Metrology Society of India</i> , 2014, 29, 57-65.	1.5	9
16	BN/NiO nanocomposites: Structural, defect chemistry and electrical properties in hydrogen gas atmosphere. <i>Ceramics International</i> , 2020, 46, 26233-26237.	4.8	6
17	Effect of ammonia gas on electrical properties of boron nitride/nickel oxide (BN ₈₀ /NiO ₂₀) nanocomposite. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 5556-5566.	2.2	6
18	Network Traffic Classification Using Multiclass Classifier. <i>Communications in Computer and Information Science</i> , 2018, , 208-217.	0.5	5

#	ARTICLE	IF	CITATIONS
19	Chemical Characterization of Atmospheric Particulate Matter for K, Cu, Ni and Zn Metals Collected from Agricultural, Semi-Urban and Commercial Locations in NW India. Journal of Environmental Analytical Chemistry, 2017, 04, .	0.3	2
20	Potassium as a Marker in Air Particulate Matter After Crop Residue Burning Events in Patiala, India. Chitkara Chemistry Review, 2013, 1, 47-58.	0.0	1
21	Adhesive Model for Collection and Auto Storage of Colossal Health Data for Epidemiological Studies. , 2018, , .		0
22	Toxic emissions of Polycyclic Aromatic Hydrocarbons [Py and B(k)F] in ambient air due to CRB activities at rural and commercial locations in Patiala, India. Materials Today: Proceedings, 2019, 17, 51-60.	1.8	0