Manish Kumar Jain

List of Publications by Year
in descending order

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39 papers	676 citations	759233 12 h-index	580821 25 g-index
40 all docs	40 docs citations	40 times ranked	815 citing authors

#	Article	IF	Citations
1	Evaluation of change in biochar properties derived from different feedstock and pyrolysis temperature for environmental and agricultural application. Science of the Total Environment, 2020, 713, 136433.	8.0	205
2	Adansonia digitata L. (baobab): a review of traditional information and taxonomic description. Asian Pacific Journal of Tropical Biomedicine, 2015, 5, 79-84.	1.2	113
3	An Investigation in to the Impact of Particulate Matter on Vegetation along the National Highway: A Review. Research Journal of Environmental Sciences, 2014, 8, 356-372.	0.5	40
4	Pollution evaluation, spatial distribution, and source apportionment of trace metals around coal mines soil: the case study of eastern India. Environmental Science and Pollution Research, 2020, 27, 10822-10834.	5.3	31
5	Evaluation of spatial and temporal heterogeneity of black carbon aerosol mass concentration over India using three year measurements from IMD BC observation network. Science of the Total Environment, 2020, 723, 138060.	8.0	30
6	Assessment of Pollution and Health Risks of Heavy Metals in Particulate Matter and Road Dust Along the Road Network of Dhanbad, India. Journal of Health and Pollution, 2021, 11, 210305.	1.8	29
7	Impact of Mine Waste Leachates on Aquatic Environment: A Review. Current Pollution Reports, 2017, 3, 31-37.	6.6	28
8	Spatio-temporal variation of air pollutants around the coal mining areas of Jharia Coalfield, India. Environmental Monitoring and Assessment, 2020, 192, 405.	2.7	25
9	A Critical Review on Air Quality Index. Water Science and Technology Library, 2018, , 87-102.	0.3	22
10	Effect of bottom ash at different ratios on hydraulic transportation of fly ash during mine fill. Powder Technology, 2017, 315, 309-317.	4.2	20
11	Air quality assessment along Dhanbad - Jharia road. Environmental Monitoring and Assessment, 2002, 79, 239-250.	2.7	16
12	Landsat 8 OLI Data for Identification of Hydrothermal Alteration Zone in Singhbhum Shear Zone using Successive Band Depth Difference Techniqueâ€“A New Image Processing Approach. Current Science, 2019, 116, 1639.	0.8	15
13	Variation in concentrations of particulate matter with various sizes in different weather conditions in mining zone. International Journal of Environmental Science and Technology, 2020, 17, 695-708.	3.5	12
14	A Study and Implications on the Potential of Satellite Image Spectral to Assess the Iron Ore Grades of Noamundi Iron Deposits Area. Journal of the Geological Society of India, 2018, 91, 227-231.	1.1	10
15	Contamination and health risk assessment of potentially harmful elements associated with roadside dust in Dhanbad India. Stochastic Environmental Research and Risk Assessment, 2022, 36, 389-407.	4.0	10
16	Understanding the relationship between soil properties and litter chemistry in three forest communities in tropical forest ecosystem. Environmental Monitoring and Assessment, 2019, 191, 797.	2.7	8
17	Change analysis in land use land cover due to surface mining in Jharia coalfield through Landsat time series data. Materials Today: Proceedings, 2022, 49, 3462-3468.	1.8	7
18	Interrelationship of Indoor Particulate Matter and Respiratory Dust Depositions of Women in the Residence of Dhanbad City, India. Environmental Science and Pollution Research, 2022, 29, 4668-4689.	5.3	5

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19	Monitoring of Air Pollution in Different Regions Along Road Network, Jharia Coalfield, Dhanbad, India. Water Science and Technology Library, 2018, , 125-134.	0.3	4
20	Interaction of abiotic factor on soil CO2 efflux in three forest communities in tropical deciduous forest from India. Environmental Monitoring and Assessment, 2019, 191, 796.	2.7	4
21	Exposure to Particulate Matter and CO2 in indoor conditions at IIT(ISM) Dhanbad. Materials Today: Proceedings, 2021, 49, 3469-3469.	1.8	4
22	Comparison of INSAT-3D retrieved total column ozone with ground-based and AIRS observations over India. Science of the Total Environment, 2021, 793, 148518.	8.0	4
23	Exposure to Particulate Matter in Different Regions along a Road Network, Jharia Coalfield, Dhanbad, Jharkhand, India. Current Science, 2017, 112, 131.	0.8	4
24	Ambient Air Quality and Indexing with Reference to Suspended Particulate Matter and Gaseous Pollutants Around a Cement Plant in OCL India Limited, Rajgangpur, Odisha, India. Current Science, 2019, 116, 1905.	0.8	4
25	Distribution of some potentially toxic elements in the soils of the Jharia Coalfield: A probabilistic approach for source identification and risk assessment. Land Degradation and Development, 2022, 33, 333-345.	3.9	4
26	Performance analysis of hyperspherical colour sharpening method for IRS satellite images. Imaging Science Journal, 2016, 64, 305-312.	0.5	3
27	Copper Ore Identification using Spectral Similarity Measurement from Hyperion Image, Mapping of Porphyry Copper Mineralized Zone. Journal of the Geological Society of India, 2018, 91, 239-247.	1.1	3
28	Health risk assessment of trace element in the ambient air along the roadside in Dhanbad, India. International Journal of Environmental Science and Technology, 2022, 19, 4107-4122.	3.5	3
29	Coal Combustion Product: Nonhazardous Material for Mine Fill. Environmental Quality Management, 2016, 25, 107-119.	1.9	2
30	Hydraulic transportation of coal combustion products for mine fill. Particulate Science and Technology, 2019, 37, 123-129.	2.1	2
31	Satellite image derived spectral modeling to assess the grades of hematite deposits: a study on Noamundi area in West Singhbhum district, Jharkhand. Geocarto International, 2021, 36, 299-319.	3.5	2
32	Floristic assessment of the important least concern plant species with taxonomic descriptions along the National Highway. Revista Brasileira De Botanica, 2015, 38, 851-864.	1.3	1
33	Multi-Classifier Fusion for Land Use Land Cover Mapping in Jharia Coal Field. , 2016, , 773-777.		1
34	Bacterial diversity in mining and non-mining regions with emphasis on plant growth-promoting traits. Chemistry and Ecology, 2017, 33, 826-842.	1.6	1
35	Prediction of compressive strength of geopolymer products using central composite design. Materials Today: Proceedings, 2021, 45, 4483-4489.	1.8	1
36	Preparation of Fly Ash Granules with Respect to Mine Filling. International Journal of Environmental Science and Development, 2019, 10, 104-109.	0.6	1

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37	Study on effect of tire burning on particulate matter concentration and respiratory deposition doses to the workers and inhabitants during road pavement activity. Air Quality, Atmosphere and Health, 2022, 15, 1413-1426.	3.3	1
38	A comparison of soot emitted from school buses and shared auto-rickshaws in Indian tier-II city. Environmental Forensics, 0, , 1-8.	2.6	1
39	Assessment of physicochemical parameters and metal contents of Mansagar lake of Jaipur. Environmental Earth Sciences, 2021, 80, 1.	2.7	0