

Aditya Kumar Patra

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

624
citations

623734

14
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

568
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of dispersion of respirable particles emitted from opencast mining operations: development and validation of stepwise regression models. <i>Environment, Development and Sustainability</i> , 2022, 24, 9139-9164.	5.0	2
2	Prediction of Various Sizes of Particles in Deep Opencast Copper Mine Using Recurrent Neural Network: A Machine Learning Approach. <i>Journal of the Institution of Engineers (India): Series A</i> , 2022, 103, 283-294.	1.2	10
3	Evaluation of low-cost particulate matter sensors OPC N2 and PM Nova for aerosol monitoring. <i>Atmospheric Pollution Research</i> , 2022, 13, 101335.	3.8	14
4	Association of air pollution and meteorological variables with COVID-19 incidence: Evidence from five megacities in India. <i>Environmental Research</i> , 2021, 195, 110854.	7.5	32
5	Development and assessment of multiple regression and neural network models for prediction of respirable PM in the vicinity of a surface coal mine in India. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	9
6	Personal exposures to PM during short distance highway travel in India. <i>Transportation Research, Part D: Transport and Environment</i> , 2020, 81, 102315.	6.8	14
7	In-vehicle PM2.5 personal concentrations in winter during long distance road travel in India. <i>Science of the Total Environment</i> , 2019, 684, 207-220.	8.0	16
8	Associations Between Whole-Body Vibration Exposure and Occupational and Personal Factors in Drill Operators in Indian Iron Ore Mines. <i>Mining, Metallurgy and Exploration</i> , 2019, 36, 495-511.	0.8	8
9	Determinants of commuter exposure to PM2.5 and CO during long-haul journeys on national highways in India. <i>Atmospheric Pollution Research</i> , 2019, 10, 1031-1041.	3.8	20
10	Status and chemical characteristics of ambient PM2.5 pollutions in China: a review. <i>Environment, Development and Sustainability</i> , 2019, 21, 1649-1674.	5.0	65
11	Spatial and temporal variation of respirable particles around a surface coal mine in India. <i>Atmospheric Pollution Research</i> , 2018, 9, 662-679.	3.8	19
12	Particulate Matter Dispersion in Indian Non-coal Opencast Mines. <i>Energy, Environment, and Sustainability</i> , 2018, , 123-143.	1.0	1
13	Particulate matter pollution in opencast coal mining areas: a threat to human health and environment. <i>International Journal of Mining, Reclamation and Environment</i> , 2018, 32, 75-92.	2.8	48
14	A comparison of personal exposure to air pollutants in different travel modes on national highways in India. <i>Science of the Total Environment</i> , 2018, 619-620, 155-164.	8.0	21
15	Characterization of PM2.5 generated from opencast coal mining operations: A case study of Sonapur Bazari Opencast Project of India. <i>Environmental Technology and Innovation</i> , 2016, 6, 1-10.	6.1	25
16	Emissions and human health impact of particulate matter from surface mining operation—A review. <i>Environmental Technology and Innovation</i> , 2016, 5, 233-249.	6.1	113
17	Occupational exposure to particulate matter in three Indian opencast mines. <i>Air Quality, Atmosphere and Health</i> , 2016, 9, 143-158.	3.3	48
18	Prediction of particulate matter concentration profile in an opencast copper mine in India using an artificial neural network model. <i>Air Quality, Atmosphere and Health</i> , 2016, 9, 697-711.	3.3	47

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19	Carbonaceous species and physicochemical characteristics of PM10 in coal mine fire area—a case study. <i>Air Quality, Atmosphere and Health</i> , 2016, 9, 429-437.	3.3	24
20	Dispersion of respirable particles from the workplace in opencast iron ore mines. <i>Environmental Technology and Innovation</i> , 2015, 4, 137-149.	6.1	14
21	Whole-body Vibration Exposure of Drill Operators in Iron Ore Mines and Role of Machine-Related, Individual, and Rock-Related Factors. <i>Safety and Health at Work</i> , 2015, 6, 268-278.	0.6	23
22	Dispersion of particulate matter generated at higher depths in opencast mines. <i>Environmental Technology and Innovation</i> , 2015, 3, 11-27.	6.1	51