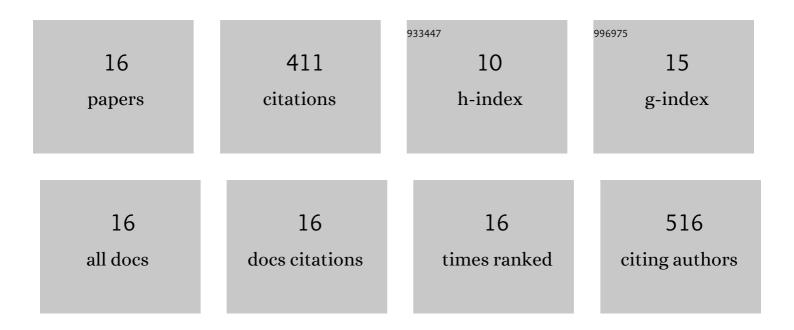
## Amit Kumar Gorai

List of Publications by Year in descending order

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AMIT KUMAD CODAL

#	ARTICLE	IF	CITATIONS
1	Development of ANFIS models for air quality forecasting and input optimization for reducing the computational cost and time. Atmospheric Environment, 2016, 128, 246-262.	4.1	101
2	Development of machine vision-based ore classification model using support vector machine (SVM) algorithm. Arabian Journal of Geosciences, 2017, 10, 1.	1.3	49
3	Spatio-Temporal Variation of Particulate Matter(PM <sub>2.5</sub> ) Concentrations and Its Health Impacts in a Mega City, Delhi in India. Environmental Health Insights, 2018, 12, 117863021879286.	1.7	47
4	Sensitivity analysis of fuzzy-analytic hierarchical process (FAHP) decision-making model in selection of underground metal mining method. Journal of Sustainable Mining, 2019, 18, 8-17.	0.2	44
5	Development of a machine vision system using the support vector machine regression (SVR) algorithm for the online prediction of iron ore grades. Earth Science Informatics, 2019, 12, 197-210.	3.2	34
6	Spatial Variation of Ground Level Ozone Concentrations and its Health Impacts in an Urban Area in India. Aerosol and Air Quality Research, 2017, 17, 951-964.	2.1	28
7	An innovative approach for determination of air quality health index. Science of the Total Environment, 2015, 533, 495-505.	8.0	27
8	Delineation and mapping of coal mine fire using remote sensing data – a review. International Journal of Remote Sensing, 2019, 40, 6499-6529.	2.9	24
9	Development of PLS–path model for understanding the role of precursors on ground level ozone concentration in Gulfport, Mississippi, USA. Atmospheric Pollution Research, 2015, 6, 389-397.	3.8	19
10	Design and development of a machine vision system using artificial neural network-based algorithm for automated coal characterization. International Journal of Coal Science and Technology, 2021, 8, 737-755.	6.0	17
11	Development of an expert system for iron ore classification. Arabian Journal of Geosciences, 2018, 11, 1.	1.3	9
12	Design of a multi-criteria decision making model using fuzzy-AHP for selection of appropriate underground metal mining method. International Journal of Mining and Mineral Engineering, 2018, 9, 259.	0.3	4
13	Studying the coal fire dynamics in Jharia coalfield, India using time-series analysis of satellite data. Remote Sensing Applications: Society and Environment, 2021, 23, 100591.	1.5	4
14	Establishing the Association between Quarterly/Seasonal Air Pollution Exposure and Asthma using Geospatial Approach. Aerosol and Air Quality Research, 2015, 15, 1525-1544.	2.1	3
15	Analyzing the role of in situ coal fire in greenhouse gases emission in a coalfield using remote sensing data and their dispersion and source apportionment study. Environmental Monitoring and Assessment, 2022, 194, 413.	2.7	1
16	Hierarchical fuzzy-AHP-based multi-criteria decision making approach for selection of underground metal mining method. Intelligent Decision Technologies, 2021, 15, 405-420.	0.9	0