Ratiranjan Jena

List of Publications by Year
in descending order

25	423	933447 10	752698 20
papers	citations	h-index	g-index

25	25	25	338
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spatial earthquake vulnerability assessment by using multi-criteria decision making and probabilistic neural network techniques in Odisha, India. Geocarto International, 2022, 37, 8080-8099.	3.5	6
2	Spatial and Temporal Inversion of Land Surface Temperature along Coastal Cities in Arid Regions. Remote Sensing, 2022, 14, 1893.	4.0	9
3	Estimating earthquake peak ground acceleration and intensity using short-time Fourier and wavelet transform techniques: a case study at Odisha, India. Arabian Journal of Geosciences, 2022, 15, .	1.3	1
4	Urban tree classification using discrete-return LiDAR and an object-level local binary pattern algorithm. Geocarto International, 2021, 36, 1785-1803.	3.5	6
5	Earthquake risk assessment in NE India using deep learning and geospatial analysis. Geoscience Frontiers, 2021, 12, 101110.	8.4	36
6	Estimation of fractal dimension and b-value of earthquakes in the Himalayan region. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	3
7	Earthquake vulnerability assessment for the Indian subcontinent using the Long Short-Term Memory model (LSTM). International Journal of Disaster Risk Reduction, 2021, 66, 102642.	3.9	8
8	Integrated model for earthquake risk assessment using neural network and analytic hierarchy process: Aceh province, Indonesia. Geoscience Frontiers, 2020, 11, 613-634.	8.4	82
9	Seismic hazard and risk assessment: a review of state-of-the-art traditional and GIS models. Arabian Journal of Geosciences, 2020, 13, 1.	1.3	31
10	A Model for Visual Assessment of Fault Plane Solutions and Active Tectonics Analysis Using the Global Centroid Moment Tensor Catalog. Earth Systems and Environment, 2020, 4, 197-211.	6.2	6
11	Seismic vulnerability assessment for buildings typology using DEMATEL approach. IOP Conference Series: Earth and Environmental Science, 2020, 540, 012063.	0.3	0
12	Earthquake Risk Assessment Using Integrated Influence Diagramâ€“AHP Approach. IOP Conference Series: Earth and Environmental Science, 2020, 540, 012078.	0.3	1
13	Earthquake hazard and risk assessment using machine learning approaches at Palu, Indonesia. Science of the Total Environment, 2020, 749, 141582.	8.0	33
14	Susceptibility to Seismic Amplification and Earthquake Probability Estimation Using Recurrent Neural Network (RNN) Model in Odisha, India. Applied Sciences (Switzerland), 2020, 10, 5355.	2.5	14
15	Earthquake Probability Assessment for the Indian Subcontinent Using Deep Learning. Sensors, 2020, 20, 4369.	3.8	17
16	Earthquake Social Vulnerability Assessment Using Entropy Method. IOP Conference Series: Earth and Environmental Science, 2020, 540, 012079.	0.3	2
17	Integrated ANN-cross-validation and AHP-TOPSIS model to improve earthquake risk assessment. International Journal of Disaster Risk Reduction, 2020, 50, 101723.	3.9	55
18	Temporal Probability Assessment and Its Use in Landslide Susceptibility Mapping for Eastern Bhutan. Water (Switzerland), 2020, 12, 267.	2.7	33

#	Article	IF	Citations
19	Geo-structural stability assessment of surrounding hills of Kuala Lumpur City based on rock surface discontinuity from geological survey data. Arabian Journal of Geosciences, 2020, 13, 1.	1.3	1
20	Earthquake vulnerability assessment in Northern Sumatra province by using a multi-criteria decision-making model. International Journal of Disaster Risk Reduction, 2020, 46, 101518.	3.9	48
21	Earthquake Vulnerability Assessment using Expert-based Approach in GIS. , 2019, , .		2
22	A Model To Detect Forest Change Relating To Mining Using Google Earth Engine Application In Belitung Island, Indonesia. , 2019, , .		2
23	Sand dune risk assessment in Sabha region, Libya using Landsat 8, MODIS, and Google Earth Engine images. Geomatics, Natural Hazards and Risk, 2018, 9, 1280-1305.	4.3	22
24	Spatial Identification of Key Alteration Minerals Using ASTER and Landsat 8 Data in a Heavily Vegetated Tropical Area. Journal of the Indian Society of Remote Sensing, 2018, 46, 1061-1073.	2.4	4
25	Spatial relationship between earthquakes, hot-springs and faults in Odisha, India. IOP Conference Series: Earth and Environmental Science, 2016, 37, 012070.	0.3	1