

Majid Khan

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

477
citations

759233

12
h-index

713466

21
g-index

31
all docs

31
docs citations

31
times ranked

318
citing authors

#	ARTICLE	IF	CITATIONS
1	Prestack correlative least-squares reverse time migration. <i>Geophysics</i> , 2017, 82, S159-S172.	2.6	49
2	Comparative study on fracture characteristics of coal and rock samples based on acoustic emission technology. <i>Theoretical and Applied Fracture Mechanics</i> , 2021, 111, 102851.	4.7	45
3	Total electron content anomalies associated with earthquakes occurred during 1998â€“2019. <i>Acta Astronautica</i> , 2020, 175, 268-276.	3.2	36
4	Mechanism and monitoring and early warning technology for rockburst in coal mines. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2021, 28, 1097-1111.	4.9	34
5	Geophysical Investigation of Freshâ€“Saline Water Interface: A Case Study from South Punjab, Pakistan. <i>Ground Water</i> , 2017, 55, 841-856.	1.3	33
6	Fast least-squares reverse time migration of VSP free-surface multiples with dynamic phase-encoding schemes. <i>Geophysics</i> , 2018, 83, S321-S332.	2.6	30
7	The effects of L-shaped heat source in a quarter-tube enclosure filled with MHD nanofluid on heat transfer and irreversibilities, using LBM: numerical data, optimization using neural network algorithm (ANN). <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 144, 2435.	3.6	23
8	Groundwater vulnerability assessment using GIS-based DRASTIC method in the irrigated and coastal region of Sindh province, Pakistan. <i>Hydrology Research</i> , 2019, 50, 319-338.	2.7	22
9	A novel geophysical method for fractures mapping and risk zones identification in a coalmine, Northeast, China. <i>Energy Reports</i> , 2021, 7, 3785-3804.	5.1	22
10	Unfolding impacts of freaky tectonics on sedimentary sequences along passive margins: Pioneer findings from western Indian continental margin (Offshore Indus Basin). <i>Marine and Petroleum Geology</i> , 2020, 119, 104499.	3.3	20
11	AFM characterization of surface mechanical and electrical properties of some common rocks. <i>International Journal of Mining Science and Technology</i> , 2022, 32, 435-445.	10.3	18
12	THERMAL ANOMALIES PRIOR TO THE 2015 GORKHA (NEPAL) EARTHQUAKE FROM MODIS LAND SURFACE TEMPERATURE AND OUTGOING LONGWAVE RADIATIONS. <i>Geodinamika I Tektonofizika</i> , 2018, 9, 123-138.	0.7	17
13	Imaging of first-order surface-related multiples by reverse-time migration. <i>Geophysical Journal International</i> , 2017, 208, 1077-1087.	2.4	12
14	Geodynamic evolution of the offshore Indus Basin Pakistan: the western Indian Plate Passive Continental Margin. <i>Geophysical Journal International</i> , 2019, 217, 1366-1386.	2.4	12
15	A three-axis antenna to measure near-field low-frequency electromagnetic radiation generated from rock fracture. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 173, 108563.	5.0	12
16	Three-Dimensional Structural Modeling (3D SM) and Joint Geophysical Characterization (JGC) of Hydrocarbon Reservoir. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 363.	2.0	11
17	Assessment of Groundwater Resources in Coastal Areas of Pakistan for Sustainable Water Quality Management Using Joint Geophysical and Geochemical Approach: A Case Study. <i>Sustainability</i> , 2020, 12, 9730.	3.2	10
18	Anisotropic characteristics of ultrasonic transmission velocities and stress inversion during uniaxial compression process. <i>Journal of Applied Geophysics</i> , 2021, 186, 104274.	2.1	10

#	ARTICLE	IF	CITATIONS
19	Characterizing Seismo-stratigraphic and Structural Framework of Late Cretaceous-Recent succession of offshore Indus Pakistan. Open Geosciences, 2018, 10, 174-191.	1.7	8
20	Presenting Meso-Cenozoic seismic sequential stratigraphy of the Offshore Indus Basin Pakistan. Physics of the Earth and Planetary Interiors, 2020, 300, 106431.	1.9	8
21	Indications of uplift from seismic stratigraphy and backstripping of the well data in western Indus offshore Pakistan. Geological Journal, 2020, 55, 553-570.	1.3	7
22	An Intelligent Rockburst Prediction Model Based on Scorecard Methodology. Minerals (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	2.0	7
23	Interpreting Seismic Profiles in terms of Structure and Stratigraphy, an Example from Lower Indus Basin Pakistan. Universal Journal of Geoscience, 2016, 4, 62-71.	0.7	6
24	Geophysical Characterization of Mining-Induced Complex Geological Deformations in a Deep Coalmine. Lithosphere, 2022, 2021, .	1.4	6
25	Prediction of temperature distribution around fusion zone in fiber dissimilar laser welding of AISI 304 and AISI 420: A wavelet network nonlinear ARX model. Journal of Laser Applications, 2021, 33, 022014.	1.7	5
26	Flexural subsidence modelling of post-rift paleobathymetry and sedimentary infill in the northern South China Sea margin. Journal of Asian Earth Sciences, 2022, 226, 105076.	2.3	4
27	A fast joint seismic data reconstruction by sparsity-promoting inversion. Geophysical Prospecting, 2017, 65, 926-940.	1.9	3
28	Seismic sequence stratigraphic and depositional framework of the Miocene sediments in Offshore Indus, Pakistan. Marine Geophysical Researches, 2021, 42, 1.	1.2	3
29	Presenting in-situ AFM investigations for the evolution of micro-surface topography and elastic modulus of rock under variable loads. Engineering Fracture Mechanics, 2021, 258, 108107.	4.3	2
30	Research on Anisotropic Characteristics of Rock and Intelligent Recognition of Precursory Signal. Advances in Civil Engineering, 2020, 2020, 1-11.	0.7	1
31	Research on source location method of failure process in complex rock environment. Environmental Earth Sciences, 2021, 80, 1.	2.7	1