

Perveiz Khalid

List of Publications by Year in descending order

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54
papers

589
citations

567281

15
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713466

21
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57
all docs

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docs citations

57
times ranked

385
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimizing exploration of quality groundwater through geophysical investigations in district Pakpattan, Punjab, Pakistan. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	1.3	6
2	Evaluation of shale gas reservoirs in complex structural enclosures: A case study from Patala Formation in the Kohat-Potwar Plateau, Pakistan. <i>Journal of Petroleum Science and Engineering</i> , 2021, 198, 108225.	4.2	26
3	Application of machine learning tool to predict the porosity of clastic depositional system, Indus Basin, Pakistan. <i>Journal of Petroleum Science and Engineering</i> , 2021, 197, 107975.	4.2	26
4	Mechanical and Elastic Characterization of Shale Gas Play in Upper Indus Basin, Pakistan. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 5767-5781.	3.0	5
5	AVA-anisotropy: spreadsheets program to model the variation of P-wave reflectivity with angle in VTI, HTI, and orthorhombic media. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	1
6	Spectral decomposition application for appraisal of Miocene lowstand prograding wedge play, Indus Offshore, Pakistan: Implications for petroleum exploration. <i>Marine and Petroleum Geology</i> , 2021, 131, 105142.	3.3	1
7	Assessment of seismic hazard of roller compacted concrete dam site in Gilgit-Baltistan of northern Pakistan. <i>Earthquake Engineering and Engineering Vibration</i> , 2021, 20, 621-630.	2.3	1
8	Hypocenter relocation and velocity model for major earthquakes in northwest Himalaya. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	1
9	Reservoir Characterization and Multiscale Heterogeneity Analysis of Cretaceous Reservoir in Punjab Platform of Middle Indus Basin, Pakistan. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 4871-4890.	3.0	6
10	Effect of Kerogen and TOC on Seismic Characterization of Lower Cretaceous Shale Gas Plays in Lower Indus Basin, Pakistan. <i>Journal of the Geological Society of India</i> , 2019, 94, 319-327.	1.1	3
11	Estimating active storage of groundwater quality zones in alluvial deposits of Faisalabad area, Rechna Doab, Pakistan. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	1.3	8
12	DEM and GIS-based hypsometric analysis to study tectonics and lithologies in southern Suleiman fold and thrust belt (Balochistanâ€“Pakistan). <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	1.3	8
13	Cost-effective biosynthesis of silver nanoparticles using different organs of plants and their antimicrobial applications: A review. <i>Materials Technology</i> , 2018, 33, 313-320.	3.0	27
14	Seismic stratigraphy of the Mianwali and Bannu depressions, north-western Indus foreland basin. <i>International Journal of Earth Sciences</i> , 2018, 107, 1557-1578.	1.8	5
15	Application of electrical resistivity inversion to delineate salt and freshwater interfaces in quaternary sediments of northwest Himalaya, Pakistan. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	1.3	8
16	Estimation of reservoir properties from well logs and core plugs to reduce uncertainty in formation evaluation: a case study from the Kohat-Potwar Geologic Province. <i>Episodes</i> , 2018, 41, 59-68.	1.2	1
17	Integrated Reservoir Characterization and Petrophysical Analysis of Cretaceous Sands in Lower Indus Basin, Pakistan. <i>Journal of the Geological Society of India</i> , 2018, 92, 465-470.	1.1	6
18	Assessment of Reservoir Rock Properties from Rock Physics Modeling and Petrophysical Analysis of Borehole Logging Data to Lessen Uncertainty in Formation Characterization in Ratana Gas Field, Northern Potwar, Pakistan. <i>Journal of the Geological Society of India</i> , 2018, 91, 736-742.	1.1	6

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19	Sweetness analysis of Lower Goru sandstone intervals of the Cretaceous age, Sawan gas field, Pakistan. Episodes, 2018, 41, 235-247.	1.2	7
20	Improving Petrophysical Analysis and Rock Physics Parameters Estimation Through Statistical Analysis of Basal Sands, Lower Indus Basin, Pakistan. Arabian Journal for Science and Engineering, 2017, 42, 327-337.	3.0	8
21	An integrated petrophysical and rock physics analysis to improve reservoir characterization of Cretaceous sand intervals in Middle Indus Basin, Pakistan. Journal of Geophysics and Engineering, 2017, 14, 212-225.	1.4	37
22	Applications of variogram modeling to electrical resistivity data for the occurrence and distribution of saline groundwater in Domail Plain, northwestern Himalayan fold and thrust belt, Pakistan. Journal of Mountain Science, 2017, 14, 158-174.	2.0	6
23	Reservoir characterization of basal sand zone of lower Goru Formation by petrophysical studies of geophysical logs. Journal of the Geological Society of India, 2017, 89, 331-338.	1.1	16
24	DHI evaluation by combining rock physics simulation and statistical techniques for fluid identification of Cambrian-to-Cretaceous clastic reservoirs in Pakistan. Acta Geophysica, 2017, 65, 991-1007.	2.0	10
25	Hydrogeophysical investigations for assessing the groundwater potential in part of the Peshawar basin, Pakistan. Environmental Earth Sciences, 2017, 76, 1.	2.7	13
26	An application of variogram modelling for electrical resistivity soundings to characterize depositional system and hydrogeology of Bannu Basin, Pakistan. Geosciences Journal, 2017, 21, 819-839.	1.2	2
27	On the variation of b-value for Karachi region, Pakistan through Gumbel's extreme distribution method. Acta Geodaetica Et Geophysica, 2016, 51, 227-235.	1.6	8
28	Rock physics modeling to assess the impact of spatial distribution pattern of pore fluid and clay contents on acoustic signatures of partially-saturated reservoirs. Acta Geodaetica Et Geophysica, 2016, 51, 1-13.	1.6	20
29	Differentiation of Pore Fluids Using Amplitude versus Offset Attributes in Clastic Reservoirs, Middle Indus Basin, Pakistan. Arabian Journal for Science and Engineering, 2016, 41, 2315-2323.	1.1	2
30	U-Pb zircon systematics of the Mansehra Granitic Complex: implications on the early Paleozoic orogenesis in NW Himalaya of Pakistan. Geosciences Journal, 2016, 20, 427-447.	1.2	17
31	An application of seismic attributes analysis for mapping of gas bearing sand zones in the sawan gas field, Pakistan. Acta Geodaetica Et Geophysica, 2016, 51, 723-744.	1.6	30
32	An application of rock physics modeling to quantify the seismic response of gas hydrate-bearing sediments in Makran accretionary prism, offshore, Pakistan. Geosciences Journal, 2016, 20, 321-330.	1.2	15
33	An application of AVO derived attributes to analyze seismic anomalies of gas hydrate bearing sediments in Makran offshore, Pakistan. Acta Geodaetica Et Geophysica, 2016, 51, 671-683.	1.6	5
34	Modulus defect, velocity dispersion and attenuation in partially-saturated reservoirs of Jurassic sandstone, Indus Basin, Pakistan. Studia Geophysica Et Geodaetica, 2016, 60, 112-129.	0.5	11
35	Seismicity distribution and focal mechanism solution of major earthquakes of northern Pakistan. Acta Geodaetica Et Geophysica, 2016, 51, 347-357.	1.6	4
36	Petrophysical analysis of a clastic reservoir rock: a case study of the Early Cambrian Khewra Sandstone, Potwar Basin, Pakistan. Geosciences Journal, 2016, 20, 27-40.	1.2	8

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37	An Integrated Seismic Interpretation and Rock Physics Attribute Analysis for Pore Fluid Discrimination. <i>Arabian Journal for Science and Engineering</i> , 2016, 41, 191-200.	1.1	4
38	Seismic Attenuation and Velocity Dispersion to Discriminate Gas Hydrates and Free Gas Zone, Makran Offshore, Pakistan. <i>International Journal of Geosciences</i> , 2016, 07, 1020-1028.	0.6	3
39	AVO forward modeling and attributes analysis for fluid's identification: a case study. <i>Acta Geodaetica Et Geophysica</i> , 2015, 50, 377-390.	1.6	16
40	AVO-derived attributes to differentiate reservoir facies from non-reservoirs facies and fluid discrimination in Penobscot area, Nova Scotia. <i>Geosciences Journal</i> , 2015, 19, 471-480.	1.2	17
41	Integrating core and wireline log data to evaluate porosity of Jurassic formations of Injra-1 and Nuryal-2 wells, Western Potwar, Pakistan. <i>Journal of the Geological Society of India</i> , 2015, 86, 553-562.	1.1	11
42	Thermoelastic relaxation and its effects on the compressibility of pore fluid and P wave velocities. <i>Arabian Journal of Geosciences</i> , 2015, 8, 6157-6167.	1.3	3
43	Construction material prospects of granitic and associated rocks of Mansehra area, NW Himalaya, Pakistan. <i>Acta Geodaetica Et Geophysica</i> , 2015, 50, 307-319.	1.6	6
44	Petroleum play analysis of the Jurassic sequence, Meyal-field, Potwar basin, Pakistan. <i>Journal of the Geological Society of India</i> , 2014, 84, 727-738.	1.1	6
45	Mechanical properties and petrographic characteristics of Margala Hill limestone and Lockhart limestone of Rumli area, Islamabad Pakistan. <i>Acta Geodaetica Et Geophysica</i> , 2014, 49, 441-454.	1.6	12
46	A modified rock physics model for analysis of seismic signatures of low gas-saturated rocks. <i>Arabian Journal of Geosciences</i> , 2014, 7, 3281-3295.	1.3	24
47	Physio-mechanical and aggregate properties of limestones from Pakistan. <i>Acta Geodaetica Et Geophysica</i> , 2014, 49, 369-380.	1.6	24
48	On seismic monitoring of CO_2 leakage from geological storages and its primary detection. <i>Acta Geodaetica Et Geophysica</i> , 2014, 49, 235-247.	1.6	0
49	The depositional setting of the Late Quaternary sedimentary fill in southern Bannu basin, Northwest Himalayan fold and thrust belt, Pakistan. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 6587-6604.	2.7	11
50	Data-Driven Sequence Stratigraphy of the Cretaceous Depositional System, Punjab Platform, Pakistan. <i>Surveys in Geophysics</i> , 2014, 35, 1065-1088.	4.6	20
51	Assessment of Seismic Hazard of the Kalam-Ashrit Dam, Swat, Pakistan Seismic hazard analysis of Kalam-Ashrit Dam, Pakistan. , 2014, , .		1
52	Discrimination of fizz water and gas reservoir by AVO analysis: a modified approach. <i>Acta Geodaetica Et Geophysica</i> , 2013, 48, 347-361.	1.6	19
53	Effects on seismic properties of thermoelastic relaxation and liquid/vapor phase transition. <i>Geophysics</i> , 2011, 76, Z49-Z49.	2.6	4
54	Calculation of isentropic compressibility and sound velocity in two-phase fluids. <i>Fluid Phase Equilibria</i> , 2010, 291, 95-102.	2.5	43