Osman Abdullatif

List of Publications by Year
in descending order

35 papers	649 citations	686830 13 h-index	580395 25 g-index
35 all docs	35 docs citations	35 times ranked	570 citing authors

#	Article	IF	Citations
1	Lithological Parameters Controlling Rock Strength and Elastic Properties of Peritidal and Deep Marine Carbonate Mudrocks, Lower to Upper Jurassic Succession, Central Saudi Arabia. Arabian Journal for Science and Engineering, 2022, 47, 551-566.	1.7	1
2	Depositional and diagenetic controls on reservoir heterogeneity and quality of the Bhuban formation, Neogene Surma Group, Srikail Gas Field, Bengal Basin, Bangladesh. Journal of Asian Earth Sciences, 2022, 223, 104985.	1.0	7
3	Effects of lithofacies on pore system evolution of storm-wave silt-rich fine-grained sediments. Early Silurian Qusaiba Member (Qaliba Formation), NW Saudi Arabia. Marine and Petroleum Geology, 2021, 128, 105048.	1.5	6
4	Lithofacies modeling of Late Jurassic in upper Ulayyah reservoir unit at central Saudi Arabia with inference of reservoir characterization. Journal of Petroleum Science and Engineering, 2020, 185, 106664.	2.1	14
5	Characteristics of Paleozoic tight gas sandstone reservoir: integration of lithofacies, paleoenvironments, and spectral gamma-ray analyses, Rubâ€™ al Khali Basin, Saudi Arabia. Arabian Journal of Geosciences, 2019, 12, 1.	0.6	14
6	Factors Controlling Reservoir Quality of a Paleozoic Tight Sandstone, Rubâ€™ al Khali Basin, Saudi Arabia. Arabian Journal for Science and Engineering, 2019, 44, 6489-6507.	1.7	16
7	Detailed Comparison of Processed Sand vs. Unprocessed Sand vs. High-Strength Proppant for Fracturing Applications. , 2019, , .		0
8	Natural fracture system of the Cambro-Permian Wajid Group, Wadi Al-Dawasir, SW Saudi Arabia. Journal of Petroleum Science and Engineering, 2019, 175, 140-158.	2.1	7
9	Factors influencing acoustic properties of carbonate rocks: Examples from middle Jurassic carbonates, Central Saudi Arabia. Journal of African Earth Sciences, 2019, 150, 767-782.	0.9	9
10	High-resolution lithofacies and porosity modeling of the mixed siliciclasticâ€“carbonate deposits of the Burdigalian Dam Formation, Eastern Saudi Arabia. International Journal of Earth Sciences, 2019, 108, 155-172.	0.9	10
11	Integrated geomechanical, petrographical and petrophysical study of the sandstones of the Wajid Group, SW Saudi Arabia. Journal of African Earth Sciences, 2018, 143, 162-177.	0.9	9
12	Facies and porosity 3D models constrained by stochastic seismic inversion to delineate Paleocene fluvial/lacustrine reservoirs in Melut Rift Basin, Sudan. Marine and Petroleum Geology, 2018, 98, 79-96.	1.5	13
13	Redox conditions through the Permian-Triassic transition in the upper Khuff formation, Saudi Arabia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 472, 203-215.	1.0	8
14	Analysis of lineaments within the Wajid Group, SW Saudi Arabia, and their tectonic significance. Arabian Journal of Geosciences, 2017, 10, 1.	0.6	12
15	Three-dimensional outcrop reservoir analog model: A case study of the Upper Khuff Formation oolitic carbonates, central Saudi Arabia. Journal of Petroleum Science and Engineering, 2017, 150, 115-127.	2.1	4
16	Multi-scale Discontinuities Characterization of the Arab-D and Upper Jubaila Tight Carbonates Outcrop, Central Saudi Arabia. Arabian Journal for Science and Engineering, 2017, 42, 2515-2538.	1.7	3
17	Seismic inversion as a predictive tool for porosity and facies delineation in Paleocene fluvial/lacustrine reservoirs, Melut Basin, Sudan. Marine and Petroleum Geology, 2017, 86, 213-227.	1.5	12
18	Types and nature of fracture associated with Late Ordovician paleochannels of glaciofluvial Sarah Formation, Qasim region, Central Saudi Arabia. Arabian Journal of Geosciences, 2017, 10, 1.	0.6	9

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19	Heterogeneity analysis of reservoir porosity and permeability in the Late Ordovician glacio-fluvial Sarah Formation paleovalleys, central Saudi Arabia. Arabian Journal of Geosciences, 2017, 10, 1.	0.6	9
20	Combining Petrophysical Properties and Ultrasonic Velocity for Improved Prediction of Tight Carbonate Reservoir. , 2017, , .		2
21	Integration of facies architecture, ooid granulometry and morphology for prediction of reservoir quality, Lower Triassic Khuff Formation, Saudi Arabia. Petroleum Geoscience, 2017, 23, 177-189.	0.9	16
22	Evolution history of transtensional pull-apart, oblique rift basin and its implication on hydrocarbon exploration: A case study from Sufyan Sub-basin, Muglad Basin, Sudan. Marine and Petroleum Geology, 2017, 79, 282-299.	1.5	25
23	Rare earth element geochemistry of shallow carbonate outcropping strata in Saudi Arabia: Application for depositional environments prediction. Sedimentary Geology, 2017, 348, 51-68.	1.0	25
24	Workflow of integration of digital outcrop modeling and sedimentology of the Early Triassic Upper Khartam Member of Khuff Formation, central Saudi Arabia. Arabian Journal of Geosciences, 2017, 10, 1.	0.6	2
25	Sedimentology and facies analysis of Miocene mixed siliciclasticâ€“carbonate deposits of the Dam Formation in Al Lidam area, eastern Saudi Arabia. Arabian Journal of Geosciences, 2017, 10, 1.	0.6	176
26	GEOCHEMICAL CHARACTERIZATION OF THE PERMIANâ€“TRIASSIC TRANSITION AT OUTCROP, CENTRAL SAUDI ARABIA. Journal of Petroleum Geology, 2016, 39, 95-113.	0.9	9
27	Geological Characterization of Saudi Arabia Sand for Oilfield Applications. , 2016, , .		1
28	The relationship between lithological and geomechanical properties of tight carbonate rocks from Upper Jubaila and Arab-D Member outcrop analog, Central Saudi Arabia. Arabian Journal of Geosciences, 2015, 8, 11031-11048.	0.6	9
29	Sedimentological, mineralogical, and geochemical characterization of sand dunes in Saudi Arabia. Arabian Journal of Geosciences, 2015, 8, 11073-11092.	0.6	22
30	Porosity evolution within high-resolution sequence stratigraphy and diagenesis framework: outcrop analog of the upper Jurassic Arab-D reservoir, Central Saudi Arabia. Arabian Journal of Geosciences, 2015, 8, 1669-1690.	0.6	13
31	Characterizing and modeling the Upper Jurassic Arab-D reservoir using outcrop data from Central Saudi Arabia. Geoarabia, 2014, 19, 53-84.	1.6	11
32	MICROPOROSITY IN THE UPPER JURASSIC ARABâ€D CARBONATE RESERVOIR, CENTRAL SAUDI ARABIA: AN OUTCROP ANALOGUE STUDY. Journal of Petroleum Geology, 2013, 36, 281-297.	0.9	27
33	High-resolution facies and porosity models of the upper Jurassic Arab-D carbonate reservoir using an outcrop analogue, central Saudi Arabia. Arabian Journal of Geosciences, 2013, 6, 4323-4335.	0.6	17
34	DISTRIBUTION OF PETROPHYSICAL PARAMETERS IN THE CAMBROâ€ORDOVICIAN DIBSIYAH MEMBER OF THE WAJID SANDSTONE, SW SAUDI ARABIA. Journal of Petroleum Geology, 2010, 33, 269-280.	0.9	14
35	Channel-fill and sheet-flood facies sequences in the ephemeral terminal River Gash, Kassala, Sudan. Sedimentary Geology, 1989, 63, 171-184.	1.0	117