

Osman Abdullatif

List of Publications by Year in descending order

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35
papers

649
citations

686830

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580395

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35
times ranked

570
citing authors

#	ARTICLE	IF	CITATIONS
1	Sedimentology and facies analysis of Miocene mixed siliciclastic-carbonate deposits of the Dam Formation in Al Lidam area, eastern Saudi Arabia. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	0.6	176
2	Channel-fill and sheet-flood facies sequences in the ephemeral terminal River Gash, Kassala, Sudan. <i>Sedimentary Geology</i> , 1989, 63, 171-184.	1.0	117
3	MICROPOROSITY IN THE UPPER JURASSIC ARAB-CARBONATE RESERVOIR, CENTRAL SAUDI ARABIA: AN OUTCROP ANALOGUE STUDY. <i>Journal of Petroleum Geology</i> , 2013, 36, 281-297.	0.9	27
4	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. <i>Marine and Petroleum Geology</i> , 2017, 79, 282-299.	1.5	25
5	Rare earth element geochemistry of shallow carbonate outcropping strata in Saudi Arabia: Application for depositional environments prediction. <i>Sedimentary Geology</i> , 2017, 348, 51-68.	1.0	25
6	Sedimentological, mineralogical, and geochemical characterization of sand dunes in Saudi Arabia. <i>Arabian Journal of Geosciences</i> , 2015, 8, 11073-11092.	0.6	22
7	High-resolution facies and porosity models of the upper Jurassic Arab-D carbonate reservoir using an outcrop analogue, central Saudi Arabia. <i>Arabian Journal of Geosciences</i> , 2013, 6, 4323-4335.	0.6	17
8	Integration of facies architecture, ooid granulometry and morphology for prediction of reservoir quality, Lower Triassic Khuff Formation, Saudi Arabia. <i>Petroleum Geoscience</i> , 2017, 23, 177-189.	0.9	16
9	Factors Controlling Reservoir Quality of a Paleozoic Tight Sandstone, Rubâ€™ al Khali Basin, Saudi Arabia. <i>Arabian Journal for Science and Engineering</i> , 2019, 44, 6489-6507.	1.7	16
10	DISTRIBUTION OF PETROPHYSICAL PARAMETERS IN THE CAMBRO-ORDOVICIAN DIBSIYAH MEMBER OF THE WAJID SANDSTONE, SW SAUDI ARABIA. <i>Journal of Petroleum Geology</i> , 2010, 33, 269-280.	0.9	14
11	Characteristics of Paleozoic tight gas sandstone reservoir: integration of lithofacies, paleoenvironments, and spectral gamma-ray analyses, Rubâ€™ al Khali Basin, Saudi Arabia. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	0.6	14
12	Lithofacies modeling of Late Jurassic in upper Ulayyah reservoir unit at central Saudi Arabia with inference of reservoir characterization. <i>Journal of Petroleum Science and Engineering</i> , 2020, 185, 106664.	2.1	14
13	Porosity evolution within high-resolution sequence stratigraphy and diagenesis framework: outcrop analog of the upper Jurassic Arab-D reservoir, Central Saudi Arabia. <i>Arabian Journal of Geosciences</i> , 2015, 8, 1669-1690.	0.6	13
14	Facies and porosity 3D models constrained by stochastic seismic inversion to delineate Paleocene fluvial/lacustrine reservoirs in Melut Rift Basin, Sudan. <i>Marine and Petroleum Geology</i> , 2018, 98, 79-96.	1.5	13
15	Analysis of lineaments within the Wajid Group, SW Saudi Arabia, and their tectonic significance. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	0.6	12
16	Seismic inversion as a predictive tool for porosity and facies delineation in Paleocene fluvial/lacustrine reservoirs, Melut Basin, Sudan. <i>Marine and Petroleum Geology</i> , 2017, 86, 213-227.	1.5	12
17	Characterizing and modeling the Upper Jurassic Arab-D reservoir using outcrop data from Central Saudi Arabia. <i>Georabia</i> , 2014, 19, 53-84.	1.6	11
18	High-resolution lithofacies and porosity modeling of the mixed siliciclastic-carbonate deposits of the Burdigalian Dam Formation, Eastern Saudi Arabia. <i>International Journal of Earth Sciences</i> , 2019, 108, 155-172.	0.9	10

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19	The relationship between lithological and geomechanical properties of tight carbonate rocks from Upper Jubaila and Arab-D Member outcrop analog, Central Saudi Arabia. <i>Arabian Journal of Geosciences</i> , 2015, 8, 11031-11048.	0.6	9
20	GEOCHEMICAL CHARACTERIZATION OF THE PERMIAN–TRIASSIC TRANSITION AT OUTCROP, CENTRAL SAUDI ARABIA. <i>Journal of Petroleum Geology</i> , 2016, 39, 95-113.	0.9	9
21	Types and nature of fracture associated with Late Ordovician paleochannels of glaciofluvial Sarah Formation, Qasim region, Central Saudi Arabia. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	0.6	9
22	Heterogeneity analysis of reservoir porosity and permeability in the Late Ordovician glacio-fluvial Sarah Formation paleovalleys, central Saudi Arabia. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	0.6	9
23	Integrated geomechanical, petrographical and petrophysical study of the sandstones of the Wajid Group, SW Saudi Arabia. <i>Journal of African Earth Sciences</i> , 2018, 143, 162-177.	0.9	9
24	Factors influencing acoustic properties of carbonate rocks: Examples from middle Jurassic carbonates, Central Saudi Arabia. <i>Journal of African Earth Sciences</i> , 2019, 150, 767-782.	0.9	9
25	Redox conditions through the Permian-Triassic transition in the upper Khuff formation, Saudi Arabia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 472, 203-215.	1.0	8
26	Natural fracture system of the Cambro-Permian Wajid Group, Wadi Al-Dawasir, SW Saudi Arabia. <i>Journal of Petroleum Science and Engineering</i> , 2019, 175, 140-158.	2.1	7
27	Depositional and diagenetic controls on reservoir heterogeneity and quality of the Bhuban formation, Neogene Surma Group, Srikail Gas Field, Bengal Basin, Bangladesh. <i>Journal of Asian Earth Sciences</i> , 2022, 223, 104985.	1.0	7
28	Effects of lithofacies on pore system evolution of storm-wave silt-rich fine-grained sediments. Early Silurian Qusaiba Member (Qaliba Formation), NW Saudi Arabia. <i>Marine and Petroleum Geology</i> , 2021, 128, 105048.	1.5	6
29	Three-dimensional outcrop reservoir analog model: A case study of the Upper Khuff Formation oolitic carbonates, central Saudi Arabia. <i>Journal of Petroleum Science and Engineering</i> , 2017, 150, 115-127.	2.1	4
30	Multi-scale Discontinuities Characterization of the Arab-D and Upper Jubaila Tight Carbonates Outcrop, Central Saudi Arabia. <i>Arabian Journal for Science and Engineering</i> , 2017, 42, 2515-2538.	1.7	3
31	Combining Petrophysical Properties and Ultrasonic Velocity for Improved Prediction of Tight Carbonate Reservoir. , 2017, , .		2
32	Workflow of integration of digital outcrop modeling and sedimentology of the Early Triassic Upper Khartam Member of Khuff Formation, central Saudi Arabia. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	0.6	2
33	Geological Characterization of Saudi Arabia Sand for Oilfield Applications. , 2016, , .		1
34	Lithological Parameters Controlling Rock Strength and Elastic Properties of Peritidal and Deep Marine Carbonate Mudrocks, Lower to Upper Jurassic Succession, Central Saudi Arabia. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 551-566.	1.7	1
35	Detailed Comparison of Processed Sand vs. Unprocessed Sand vs. High-Strength Proppant for Fracturing Applications. , 2019, , .		0