Hassan Eltom

List of Publications by Year
in descending order

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25	306	840776 11	888059 17
papers	citations	h-index	g-index

25	25	25	191
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The negative impact of Ophiomorpha on reservoir quality of channelized deposits in mixed carbonate siliciclastic setting: The case study of the Dam Formation, Saudi Arabia. Marine and Petroleum Geology, 2022, 140, 105666.	3.3	4
2	On the scale dependence of estimating burrow intensity of Thalassinoides from two-dimensional views. Marine and Petroleum Geology, 2022, 142, 105709.	3.3	1
3	Distinct Petroacoustic Signature of Burrow-Related Carbonate Reservoirs: Outcrop Analog Study, Hanifa Formation, Central Saudi Arabia. Natural Resources Research, 2022, 31, 2673-2698.	4.7	3
4	Chemical oceanographic influences on sediment accumulations of a carbonate ramp: Holocene Yucatan Shelf, Mexico. Sedimentology, 2021, 68, 324-351.	3.1	5
5	Calibration of bulk carbonate strontium isotopes to ammonite zones: Implication for global stratigraphic correlation of Callovianâ€“Kimmeridgian strata in Central Saudi Arabia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 564, 110083.	2.3	3
6	Potential overlooked bioturbated reservoir zones in the shallow marine strata of the Hanifa Formation in central Saudi Arabia. Marine and Petroleum Geology, 2021, 124, 104798.	3.3	20
7	Controlling Factors on Petrophysical and Acoustic Properties of Bioturbated Carbonates: (Upper) Tj ETQq1 1 0.784314 rgBT /Overloc	2.5	9
8	Understanding the permeability of burrow-related gas reservoirs through integrated laboratory techniques. Journal of Natural Gas Science and Engineering, 2021, 90, 103917.	4.4	11
9	Use of geostatistical modeling to improve the understanding of permeability upscaling in isotropic and anisotropic burrowed reservoirs. Marine and Petroleum Geology, 2021, 129, 105067.	3.3	8
10	Limitation of laboratory measurements in evaluating rock properties of bioturbated strata: A case study of the Upper Jubaila Member in central Saudi Arabia. Sedimentary Geology, 2020, 398, 105573.	2.1	17
11	Three-Dimensional Modeling and Fluid Flow Simulation for the Quantitative Description of Permeability Anisotropy in Tidal Flat Carbonate. Energies, 2020, 13, 5557.	3.1	7
12	Evidence for the development of a superpermeability flow zone by bioturbation in shallow marine strata, upper Jubaila Formation, central Saudi Arabia. Marine and Petroleum Geology, 2020, 120, 104512.	3.3	19
13	Effect of bioturbation on petrophysical properties: Insights from geostatistical and flow simulation modeling. Marine and Petroleum Geology, 2019, 104, 259-269.	3.3	28
14	Lateral and Vertical Trends of Preferred Flow Pathways Associated with Bioturbated Carbonate: Examples From Middle to Upper Jurassic Strata, Central Saudi Arabia. , 2019, , 126-140.		3
15	Paleogeographic and paleo-oceanographic influences on carbon isotope signatures: Implications for global and regional correlation, Middle-Upper Jurassic of Saudi Arabia. Sedimentary Geology, 2018, 364, 89-102.	2.1	22
16	Redox conditions through the Permian-Triassic transition in the upper Khuff formation, Saudi Arabia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 472, 203-215.	2.3	8
17	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.	4.2	4
18	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.	1.5	16

#	Article	IF	Citations
19	Rare earth element geochemistry of shallow carbonate outcropping strata in Saudi Arabia: Application for depositional environments prediction. Sedimentary Geology, 2017, 348, 51-68.	2.1	25
20	Impact of Upwelling On Heterozoan, Biosiliceous, and Organic-rich Deposits: Jurassic (oxfordian) Hanifa Formation, Saudi Arabia. Journal of Sedimentary Research, 2017, 87, 1235-1258.	1.6	16
21	GEOCHEMICAL CHARACTERIZATION OF THE PERMIANâ€"TRIASSIC TRANSITION AT OUTCROP, CENTRAL SAUDI ARABIA. Journal of Petroleum Geology, 2016, 39, 95-113.	1.5	9
22	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.	1.3	13
23	Characterizing and modeling the Upper Jurassic Arab-D reservoir using outcrop data from Central Saudi Arabia. Geoarabia, 2014, 19, 53-84.	1.6	11
24	MICROPOROSITY IN THE UPPER JURASSIC ARABâ€D CARBONATE RESERVOIR, CENTRAL SAUDI ARABIA: AN OUTCROP ANALOGUE STUDY. Journal of Petroleum Geology, 2013, 36, 281-297.	1.5	27
25	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.	1.3	17