

Mohamed A Yassin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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.	3.3	25
2	Potential overlooked bioturbated reservoir zones in the shallow marine strata of the Hanifa Formation in central Saudi Arabia. <i>Marine and Petroleum Geology</i> , 2021, 124, 104798.	3.3	20
3	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.	1.5	16
4	Sedimentologic and reservoir characteristics under a tectono-sequence stratigraphic framework: A case study from the Early Cretaceous, upper Abu Gabra sandstones, Sufyan Sub-basin, Muglad Basin, Sudan. <i>Journal of African Earth Sciences</i> , 2018, 142, 22-43.	2.0	13
5	Chemostratigraphic and sedimentologic evolution of Wajid Group (Wajid Sandstone): An outcrop analog study from the Cambrian to Permian, SW Saudi Arabia. <i>Journal of African Earth Sciences</i> , 2017, 126, 159-175.	2.0	12
6	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.	1.8	10
7	Neurocomputing Modelling of Hydrochemical and Physical Properties of Groundwater Coupled with Spatial Clustering, GIS, and Statistical Techniques. <i>Sustainability</i> , 2022, 14, 2250.	3.2	10
8	Remote Sensing, Geophysics, and Modeling to Support Precision Agriculture Part 2: Irrigation Management. <i>Water (Switzerland)</i> , 2022, 14, 1157.	2.7	9
9	Three-Dimensional Modeling and Fluid Flow Simulation for the Quantitative Description of Permeability Anisotropy in Tidal Flat Carbonate. <i>Energies</i> , 2020, 13, 5557.	3.1	7
10	Spatiotemporal Variability Assessment of Trace Metals Based on Subsurface Water Quality Impact Integrated with Artificial Intelligence-Based Modeling. <i>Sustainability</i> , 2022, 14, 2192.	3.2	7
11	Remote Sensing, Geophysics, and Modeling to Support Precision Agriculture Part 1: Soil Applications. <i>Water (Switzerland)</i> , 2022, 14, 1158.	2.7	7
12	Impact of sedimentary fabrics on small-scale permeability variations within fine-grained sediments: Early Silurian Qusaiba Member, Northern Saudi Arabia. <i>Marine and Petroleum Geology</i> , 2022, 139, 105607.	3.3	6
13	Geochemical and Spatial Distribution of Topsoil HMs Coupled with Modeling of Cr Using Chemometrics Intelligent Techniques: Case Study from Dammam Area, Saudi Arabia. <i>Molecules</i> , 2022, 27, 4220.	3.8	6
14	Characteristics and evolution of pore types in marine carbonate mudrocks, selective early to late Jurassic succession, central Saudi Arabia. <i>Journal of African Earth Sciences</i> , 2021, 184, 104354.	2.0	3
15	Geological and Geostatistical Models of Qusaiba Shale: High Resolution Outcrop Analog from Central Saudi Arabia. , 2019, , .		1
16	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.	3.0	1
17	Characterization and Modeling of the Geo-Body Geometries and the Reservoir Properties: An Outcrop Analog Study of Jurassic Carbonate Reservoirs in Central Saudi Arabia. , 2019, , .		0