Mohamed A Yassin

List of Publications by Year
in descending order

17 papers	153 citations	1163117 8 h-index	1199594 12 g-index
17 all docs	17 docs citations	17 times ranked	85 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.	3.0	1
2	Spatiotemporal Variability Assessment of Trace Metals Based on Subsurface Water Quality Impact Integrated with Artificial Intelligence-Based Modeling. Sustainability, 2022, 14, 2192.	3.2	7
3	Neurocomputing Modelling of Hydrochemical and Physical Properties of Groundwater Coupled with Spatial Clustering, GIS, and Statistical Techniques. Sustainability, 2022, 14, 2250.	3.2	10
4	Remote Sensing, Geophysics, and Modeling to Support Precision Agriculture—Part 2: Irrigation Management. Water (Switzerland), 2022, 14, 1157.	2.7	9
5	Remote Sensing, Geophysics, and Modeling to Support Precision Agriculture—Part 1: Soil Applications. Water (Switzerland), 2022, 14, 1158.	2.7	7
6	Impact of sedimentary fabrics on small-scale permeability variations within fine-grained sediments: Early Silurian Qusaiba Member, Northern Saudi Arabia. Marine and Petroleum Geology, 2022, 139, 105607.	3.3	6
7	Geochemical and Spatial Distribution of Topsoil HMs Coupled with Modeling of Cr Using Chemometrics Intelligent Techniques: Case Study from Dammam Area, Saudi Arabia. Molecules, 2022, 27, 4220.	3.8	6
8	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
9	Characteristics and evolution of pore types in marine carbonate mudrocks, selective early to late Jurassic succession, central Saudi Arabia. Journal of African Earth Sciences, 2021, 184, 104354.	2.0	3
10	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
11	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
12	Geological and Geostatistical Models of Qusaiba Shale: High Resolution Outcrop Analog from Central Saudi Arabia. , 2019, , .		1
13	High-resolution lithofacies and porosity modeling of the mixed siliciclastic–carbonate deposits of the Burdigalian Dam Formation, Eastern Saudi Arabia. International Journal of Earth Sciences, 2019, 108, 155-172.	1.8	10
14	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. Journal of African Earth Sciences, 2018, 142, 22-43.	2.0	13
15	Chemostratigraphic and sedimentologic evolution of Wajid Group (Wajid Sandstone): An outcrop analog study from the Cambrian to Permian, SW Saudi Arabia. Journal of African Earth Sciences, 2017, 126, 159-175.	2.0	12
16	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
17	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.	3.3	25