

# Khalid Al-Ramadan

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

317  
citations

1040056

9  
h-index

888059

17  
g-index

21  
all docs

21  
docs citations

21  
times ranked

189  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagenetic controls on porosity evolution and reservoir quality of an outcrop analogue of the Jurassic carbonate reservoirs in the Arabian Plate: An example from the Middle Jurassic Tuwaiq Mountain Formation, Central Saudi Arabia. <i>Journal of Petroleum Science and Engineering</i> , 2022, 208, 109669.	4.2	4
2	Hardness Enhancement of Carbonate Rocks by Formation of Smithsonite and Fluorite. <i>Rock Mechanics and Rock Engineering</i> , 2022, 55, 1001-1012.	5.4	7
3	Quantitative evaluation of the roles of ocean chemistry and climate on ooid size across the Phanerozoic: Global versus local controls. <i>Sedimentology</i> , 2022, 69, 2486-2506.	3.1	16
4	High-resolution X-ray diffraction datasets: Carbonates. <i>Data in Brief</i> , 2022, 42, 108204.	1.0	9
5	Organic Matter Burial in Deep-Sea Fans: A Depositional Process-Based Perspective. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 682.	2.6	8
6	The role of diagenesis at unconformities of the Paleozoic siliciclastic succession of central Saudi Arabia: implications for reservoir quality. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	10
7	Proliferation of <i>Chondrodonta</i> as a proxy of environmental instability at the onset of OAE1a: Insights from shallow-water limestones of the Apulia Carbonate Platform. <i>Sedimentology</i> , 2021, 68, 3191-3227.	3.1	5
8	Comprehensive Geophysical Study at Wabar Crater, Rub Al-Khali Desert, Saudi Arabia. <i>Earth and Space Science</i> , 2021, 8, e2020EA001432.	2.6	4
9	Fully automated carbonate petrography using deep convolutional neural networks. <i>Marine and Petroleum Geology</i> , 2020, 122, 104687.	3.3	44
10	Impact of basin architecture on diagenesis and dolomitization in a fault-bounded carbonate platform: outcrop analogue of a pre-salt carbonate reservoir, Red Sea rift, NW Saudi Arabia. <i>Petroleum Geoscience</i> , 2020, 26, 448-461.	1.5	24
11	Microfacies, depositional environments and meter-scale cycles of the middle jurassic Tuwaiq Mountain formation, central Saudi Arabia. <i>Journal of African Earth Sciences</i> , 2018, 145, 80-101.	2.0	8
12	Discussions on Arabian Gulf ooids. <i>Carbonates and Evaporites</i> , 2018, 33, 683-695.	1.0	2
13	Linking Geochemical and Mechanical Properties of Rock Samples Using New Non-Destructive Techniques. , 2018, , .		4
14	Foraminiferal biofacies and depositional environments of the Burdigalian mixed carbonate and siliciclastic Dam Formation, Al-Lidam area, Eastern Province of Saudi Arabia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 469, 122-137.	2.3	27
15	Characterization of carbonate mudrocks of the Jurassic Tuwaiq Mountain Formation, Jafurah basin, Saudi Arabia: Implications for unconventional reservoir potential evaluation. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 33, 1149-1168.	4.4	56
16	Automated mineralogical methodology to study carbonate grain microstructure: an example from ooids. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	18
17	Variations in architecture and cyclicity in fault-bounded carbonate platforms: Early Miocene Red Sea Rift, NW Saudi Arabia. <i>Marine and Petroleum Geology</i> , 2016, 70, 77-92.	3.3	24
18	Discrimination of inland and coastal dunes in Eastern Saudi Arabia desert system: An approach from particle size and textural parameter variations. <i>Journal of African Earth Sciences</i> , 2016, 117, 102-113.	2.0	9

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19	Facies mosaic and diagenetic patterns of the early Devonian (Late Pragian–Early Emsian) microbialite-dominated carbonate sequences, Qasr Member, Jauf Formation, Saudi Arabia. <i>Geological Journal</i> , 2016, 51, 704-721.	1.3	20
20	Diagenesis of Holocene beachrocks: a comparative study between the Arabian Gulf and the Gulf of Aqaba, Saudi Arabia. <i>Arabian Journal of Geosciences</i> , 2014, 7, 4933-4942.	1.3	12
21	Unraveling cementation environment and patterns of Holocene beachrocks in the Arabian Gulf and the Gulf of Aqaba: stable isotope approach. <i>Geological Quarterly</i> , 2014, 58, .	0.2	6