Fadhil N Sadooni

List of Publications by Year
in descending order

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34 papers	606 citations	686830 13 h-index	642321 23 g-index
34 all docs	34 docs citations	34 times ranked	469 citing authors

#	Article	IF	Citations
1	The nature and origin of Upper Cretaceous basin-margin rudist buildups of the Mesopotamian Basin, southern Iraq, with consideration of possible hydrocarbon stratigraphic entrapment. Cretaceous Research, 2005, 26, 213-224.	0.6	67
2	The importance of microbial mats for dolomite formation in the Dohat Faishakh sabkha, Qatar. Carbonates and Evaporites, 2016, 31, 339-345.	0.4	52
3	Raman spectroscopy of the Dukhan sabkha: identification of geological and biogeological molecules in an extreme environment. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2010, 368, 3099-3107.	1.6	50
4	Monitoring oil spill in Norilsk, Russia using satellite data. Scientific Reports, 2021, 11, 3817.	1.6	45
5	CRETACEOUS SEQUENCE STRATIGRAPHY AND PETROLEUM POTENTIAL OF THE MESOPOTAMIAN BASIN, IRAQ. , 2000, , 315-334.		44
6	Microbial community composition and dolomite formation in the hypersaline microbial mats of the Khor Al-Adaid sabkhas, Qatar. Extremophiles, 2019, 23, 201-218.	0.9	37
7	Stratigraphy and petroleum prospects of Upper Jurassic carbonates in Iraq. Petroleum Geoscience, 1997, 3, 233-243.	0.9	35
8	Detection of Wakashio oil spill off Mauritius using Sentinel-1 and 2 data: Capability of sensors, image transformation methods and mapping. Environmental Pollution, 2021, 274, 116618.	3.7	33
9	Life in the sabkha: Raman spectroscopy of halotrophic extremophiles of relevance to planetary exploration. Analytical and Bioanalytical Chemistry, 2006, 385, 46-56.	1.9	26
10	MICROBIAL DOLOMITES FROM CARBONATEâ€EVAPORITE SEDIMENTS OF THE COASTAL SABKHA OF ABU DHABI AND THEIR EXPLORATION IMPLICATIONS. Journal of Petroleum Geology, 2010, 33, 289-298.	0.9	24
11	Long-Term Assessment of Onshore and Offshore Wind Energy Potentials of Qatar. Energies, 2021, 14, 1178.	1.6	24
12	History of a disaster: A baseline assessment of the Wakashio oil spill on the coast of Mauritius, Indian Ocean. Marine Pollution Bulletin, 2022, 175, 113330.	2.3	21
13	Characterizing fracture toughness using machine learning. Journal of Petroleum Science and Engineering, 2021, 200, 108202.	2.1	19
14	Sentinel-2 image transformation methods for mapping oil spill â€“ A case study with Wakashio oil spill in the Indian Ocean, off Mauritius. MethodsX, 2021, 8, 101327.	0.7	16
15	Regional stratigraphy, facies distribution, and hydrocarbons potential of the Oligocene strata across the Arabian Plate and Western Iran. Carbonates and Evaporites, 2019, 34, 1757-1770.	0.4	14
16	Comprehensive pore size characterization of Midra shale. Journal of Petroleum Science and Engineering, 2021, 203, 108576.	2.1	11
17	Remote sensing of inland Sabkha and a study of the salinity and temporal stability for sustainable development: A case study from the West coast of Qatar. Science of the Total Environment, 2021, 782, 146932.	3.9	10
18	Lithology, mineral assemblages and microbial fingerprints of the evaporite-carbonate sediments of the coastal sabkha of Abu Dhabi and their extraterrestrial implications. International Journal of Astrobiology, 2010, 9, 147-156.	0.9	8

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19	WorldView-3 mapping of Tarmat deposits of the Ras Rakan Island, Northern Coast of Qatar: Environmental perspective. Marine Pollution Bulletin, 2021, 163, 111988.	2.3	8
20	Systematic laboratory approach to produce Mg-rich carbonates at low temperature. RSC Advances, 2021, 11, 37029-37039.	1.7	8
21	Halul and sharao islands, offshore Qatar: Remnants of the great infracambrian Hormuz Salt Basin. Carbonates and Evaporites, 2004, 19, 17-27.	0.4	7
22	Diagenetic features of some subsurface Tertiary-Cretaceous evaporites from northern Iraq. Carbonates and Evaporites, 1995, 10, 45-53.	0.4	6
23	Geology and petroleum prospects of Upper Triassic sediments, Jordan. Marine and Petroleum Geology, 1998, 15, 783-801.	1.5	6
24	Impact of the demise mechanisms of the Cretaceous rudist buildups in the Arabian Plate on their reservoir characteristics. Carbonates and Evaporites, 2018, 33, 465-476.	0.4	6
25	Geochemical investigation of Yamama crude oils and their inferred source rocks in the Mesopotamian Basin, Southern Iraq. Petroleum Science and Technology, 2019, 37, 2025-2033.	0.7	6
26	Stratigraphy, facies analysis and reservoir characterization of the Upper Jurassic Arab â€œCÂ“, Qatar, Arabian Gulf. Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2011, 262, 358-369.	0.2	5
27	Contribution of the Zubair source rocks to the generation and expulsion of oil to the reservoirs of the Mesopotamian Basin, Southern Iraq. Petroleum Science and Technology, 2019, 37, 940-949.	0.7	5
28	STRATIGRAPHY AND PETROLEUM SYSTEMS OF THE PALAEOZOIC (PREâ€KHUFF) SUCCESSION, QATAR. Journal of Petroleum Geology, 2016, 39, 357-373.	0.9	4
29	Mangrove-bearing limestone from the Eocene Dammam Formation, Arabian Gulf: implications for the mangrove dispersal controversy. Carbonates and Evaporites, 2012, 27, 243-250.	0.4	3
30	Geochemical characterization and origin of the Cretaceous Saâ€™di, Khasib, Mishrif, and Nahr Umr Crude Oils in Halfaya Oilfield, Southern Mesopotamian Basin, Iraq. Petroleum Science and Technology, 2021, 39, 993-1007.	0.7	2
31	Recent sediments from a coastal pond, eastern margin of the Dead Sea, Jordan. Carbonates and Evaporites, 2002, 17, 79-86.	0.4	1
32	Microbial Mats from the Khor Al-Adaid Sabkha, Qatar: Morphotypes and Association with Authigenic Minerals. , 2016, , .		1
33	Evaluation of the source rock potential of the Unyazah Formation (late Carboniferous-Early Permian) in Dukhan Field, Qatar. Petroleum Science and Technology, 2019, 37, 1655-1664.	0.7	1
34	Seismic detection and characterization of a man-made karst analog â€” A feasibility study. Geophysics, 2021, 86, WA35-WA48.	1.4	1