

# Omeid Rahmani

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,035  
citations

331259

21  
h-index

414034

32  
g-index

39  
all docs

39  
docs citations

39  
times ranked

948  
citing authors

#	ARTICLE	IF	CITATIONS
1	Geochemical characteristics of the Silurian-Devonian Kroh black shales, Peninsular Malaysia: An implication for hydrocarbon exploration. <i>Journal of Geochemical Exploration</i> , 2022, 232, 106891.	1.5	8
2	Depositional environment, seismic stratigraphy, and Sr-isotope geochronology, Bangestan reservoir, Ahwaz oilfield, SW Iran. <i>Journal of Petroleum Science and Engineering</i> , 2022, 208, 109629.	2.1	9
3	A Three-Dimensional Finite-Element Model in ABAQUS to Analyze Wellbore Instability and Determine Mud Weight Window. <i>Energies</i> , 2022, 15, 3449.	1.6	1
4	A mechanistic understanding of the water-in-heavy oil emulsion viscosity variation: effect of asphaltene and wax migration. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 608, 125604.	2.3	34
5	Identification of Phyllosilicates in the Antarctic Environment Using ASTER Satellite Data: Case Study from the Mesa Range, Campbell and Priestley Glaciers, Northern Victoria Land. <i>Remote Sensing</i> , 2021, 13, 38.	1.8	22
6	An experimental study of accelerated mineral carbonation of industrial waste red gypsum for CO <sub>2</sub> sequestration. <i>Journal of CO<sub>2</sub> Utilization</i> , 2020, 35, 265-271.	3.3	39
7	Impact of household demographic characteristics on energy conservation and carbon dioxide emission: Case from Mahabad city, Iran. <i>Energy</i> , 2020, 194, 116916.	4.5	36
8	Prediction of remaining useful life (RUL) of Komatsu excavator under reliability analysis in the Weibull-frailty model. <i>PLoS ONE</i> , 2020, 15, e0236128.	1.1	7
9	An Overview of Household Energy Consumption and Carbon Dioxide Emissions in Iran. <i>Processes</i> , 2020, 8, 994.	1.3	27
10	Potential for CO <sub>2</sub> Mineral Carbonation in the Paleogene Segamat Basalt of Malaysia. <i>Minerals (Basel)</i> , 2020, 10, 1089.	0.8	9
11	Application of Landsat-8, Sentinel-2, ASTER and WorldView-3 Spectral Imagery for Exploration of Carbonate-Hosted Pb-Zn Deposits in the Central Iranian Terrane (CIT). <i>Remote Sensing</i> , 2020, 12, 1239.	1.8	89
12	Reaction Mechanism of Wollastonite In Situ Mineral Carbonation for CO <sub>2</sub> Sequestration: Effects of Saline Conditions, Temperature, and Pressure. <i>ACS Omega</i> , 2020, 5, 28942-28954.	1.6	28
13	Mapping Listvenite Occurrences in the Damage Zones of Northern Victoria Land, Antarctica Using ASTER Satellite Remote Sensing Data. <i>Remote Sensing</i> , 2019, 11, 1408.	1.8	60
14	Determinants of Variation in Household Energy Choice and Consumption: Case from Mahabad City, Iran. <i>Sustainability</i> , 2019, 11, 4775.	1.6	27
15	Geochemical Analysis for Determining Total Organic Carbon Content Based on <sup>13</sup> C LogR Technique in the South Pars Field. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 735.	0.8	11
16	Landsat-8, Advanced Spaceborne Thermal Emission and Reflection Radiometer, and WorldView-3 Multispectral Satellite Imagery for Prospecting Copper-Gold Mineralization in the Northeastern Inglefield Mobile Belt (IMB), Northwest Greenland. <i>Remote Sensing</i> , 2019, 11, 2430.	1.8	72
17	Siderite precipitation using by-product red gypsum for CO <sub>2</sub> sequestration. <i>Journal of CO<sub>2</sub> Utilization</i> , 2018, 24, 321-327.	3.3	23
18	Mobility control in carbon dioxide-enhanced oil recovery process using nanoparticle-stabilized foam for carbonate reservoirs. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 550, 245-255.	2.3	31

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19	Sequence stratigraphy of the Triassic Period: Case from the Dashtak and Khaneh-Kat formations, the Zagros Basin, Iran. Journal of Petroleum Science and Engineering, 2018, 167, 447-457.	2.1	5
20	CO2 sequestration by indirect mineral carbonation of industrial waste red gypsum. Journal of CO2 Utilization, 2018, 27, 374-380.	3.3	51
21	Experimental Investigation and Simplistic Geochemical Modeling of CO2 Mineral Carbonation Using the Mount Tawai Peridotite. Molecules, 2016, 21, 353.	1.7	22
22	Kinetics Analysis of CO <sub>2</sub> Mineral Carbonation Using Byproduct Red Gypsum. Energy & Fuels, 2016, 30, 7460-7464.	2.5	27
23	Calcite precipitation from by-product red gypsum in aqueous carbonation process. RSC Advances, 2014, 4, 45548-45557.	1.7	29
24	Mineral Carbonation of Red Gypsum for CO <sub>2</sub> Sequestration. Energy & Fuels, 2014, 28, 5953-5958.	2.5	39
25	A comparative study of surfactant adsorption by clay minerals. Journal of Petroleum Science and Engineering, 2013, 101, 21-27.	2.1	115
26	The origin of oil in the Cretaceous succession from the South Pars Oil Layer of the Persian Gulf. International Journal of Earth Sciences, 2013, 102, 1337-1355.	0.9	6
27	Use of olivine for carbon dioxide mineral sequestration. , 2013, , .		2
28	Effects of sonication radiation on oil recovery by ultrasonic waves stimulated water-flooding. Ultrasonics, 2013, 53, 607-614.	2.1	70
29	The effects of polymer and surfactant on polymer enhanced foam stability. , 2013, , .		12
30	H <sub>2</sub> S Origin in South Pars gas field from Persian Gulf, Iran. Journal of Petroleum Science and Engineering, 2012, 86-87, 217-224.	2.1	19
31	Evidences for secondary cracking of oil in South Pars field, Persian Gulf, Iran. Journal of Petroleum Science and Engineering, 2011, 76, 85-92.	2.1	22
32	TOC determination of Gadvan Formation in South Pars Gas field, using artificial intelligent systems and geochemical data. Journal of Petroleum Science and Engineering, 2011, 78, 119-130.	2.1	56
33	Organic geochemistry of Gadvan and Kazhdumi formations (Cretaceous) in South Pars field, Persian Gulf, Iran. Journal of Petroleum Science and Engineering, 2010, 70, 57-66.	2.1	25
34	Hydrocarbon Potential of Kazhdumi Formation in Persian Gulf, Offshore Iran. , 2010, , .		0
35	Toc Determination of Gadvan Formation in South Pars Gas Field, Using Artificial Neural Network Technique. , 2010, , .		0