

Published Articles of Department of Oil and Gas Staff at 2021

Publish Data	Publish Type	Researcher Name	Article Tittle	No.
2021/10/8	Local	Fadhil S. K. Al-Sharshahy	The Impact of Completion Technology on Flow Dynamics and Pressure Behaviors of Horizontal Wells	1
2021/9/19	Local	Fadhil S. K. Al-Sharshahy	The Use of Nuclear Magnetic Resonance (NMR) Measurements and Conventional Logs to Predict Permeability for a Complex Carbonate Formation	2
2021/1/1	Scopus	Salam Abdunabi Thajeel	A Survey on Brain Tumor Diagnosis and Edema Detection Based on Machine Learning	3
2021/11/10	local	Ahmad A. Ramadhan	Evaluation of Petrophysical Properties Interpretations from Log Interpretation for Tertiary Reservoir /Ajeel Field	4
2021/10/8	local	Nabil Majd Alawi	Optimization of Microwave Power, CO ₂ /CH ₄ Ratio and Total Feed Flow Rate for the Plasma Dry Reforming of Methane	5
2021/3/1	Scopus	Mayssaa Ali Al-Bidry	Using Kaolin as Alternative for Na-Bentonite to Improve Hole Cleaning Process in Deviated Wells	6
2021/1/1	Scopus	Mayssaa Ali	Zagros Metamorphic Core	7

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		Al-Bidry	Complex: Example from Bulfat Mountain	
2021/9/10	local	Ali Anwar Ali	Prediction of Asphaltene Precipitation Behaviour of Khasib Formation / Halfaya Oil Field	8
1/2/2021	Scopus	Najem Abdulkadhim Al-Rubaiey	The Potential of Using $Zn_{0.6}Ni_{0.4}Fe_2O_4$ Nanoparticles as Corrosion Inhibitor for Carbon Steel in Oil Environment	9
6/1/2021	Scopus	Najem Abdulkadhim Al-Rubaiey	Sulphide pollutants elimination and degradation in petroleum wastewater by ozonation process	10
11/10/2021	Local	Najem Abdulkadhim Al-Rubaiey	Reducing Water Cut Using Polyacrylamide Polymers	11
9/12/2021	Scopus	Jihad Husain Al-Jouma`a	Optimizing Field Development in South Sultanate of Oman Through Deep Water Disposal Dwd Reclassification	12
2021/11/1	local	Hiba Tarq Jaleel	The Use of Gamma Ray Log Data to Compute and Study the Deposition of Shale Volume of Mishrif Formation in Middle and Southern Parts	13

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			of Iraq	
2021/10/31	local	Hiba Tarq Jaleel	Lithological Study of Mishrif, Rumaila, Ahmadi and Mauddud Formations Using Vp/ Vs Ratio, Acoustic Impedance and Well Logging at Amara Oil Field, Southern Iraq	14
2021/12/1	Scopus	Hiba Tarq Jaleel	Elastic Modulus and Unconfined Compressive Strength Study of Middle Cretaceous Formations, Dhifriya Field Middle Iraq	15
2021/1/12	Clarivate	Doaa Saleh Mahdi	Hydrogen underground storage efficiency in a heterogeneous sandstone reservoir	16
2021/2/1	Scopus	Doaa Saleh Mahdi	Predicting Drilling Rate of Penetration Using Artificial Neural Networks	17
2021/10/8	Local	Doaa Saleh Mahdi	Reservoir fluids model for a middle eastern sandstone reservoir	18
2021/3/3	Scopus	Emad Abdulhusain Fakher Al- Khdheewi	Reservoir scale porosity-permeability evolution in sandstone due to CO2 geological storage	19
2021/9/5	Clarivate	Emad Abdulhusain Fakher Al- Khdheewi	Effect of CO2 Flooding on the Wettability Evolution of Sand-Stone	20

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2021/3/16	Scopus	Emad Abdulhusain Fakher Al-Khdheawi	A New Approach To Improve The Assessments of CO ₂ Geo-Sequestration Capacity of Clay Minerals	21
2021/8/28	Scopus	Emad Abdulhusain Fakher Al-Khdheawi	Dependence of clay wettability on gas density	22
2021/3/3	Scopus	Emad Abdulhusain Fakher Al-Khdheawi	Influence of gas density on the clay wettability: implication for CO ₂ geo-sequestration	23
2021/9/5	Clarivate	Emad Abdulhusain Fakher Al-Khdheawi	Effect of CO ₂ Flooding on the Wettability Evolution of Sand-Stone	24
2021/1/18	Clarivate	ALI A. ATI	Thermal, microstructural and magnetic properties of manganese substitution cobalt ferrite prepared via co-precipitation method	25
2021/10/19	Scopus	Alyaa Mahmood Ali	Antimicrobial potentiality of green synthesized iron oxide nanoparticles by <i>Penicillium roqueforti</i>	26
			26	Total paper
			29	Teachers
			89%	Percent