

Rizwan Ahmed Khan

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

238
citations

1307594

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h-index

1588992

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g-index

20
all docs

20
docs citations

20
times ranked

105
citing authors

#	ARTICLE	IF	CITATIONS
1	An ANN model to predict oil recovery from a 5-spot waterflood of a heterogeneous reservoir. Journal of Petroleum Science and Engineering, 2022, 210, 110012.	4.2	23
2	Data Driven Intelligent Modeling to Estimate Adsorption of Methane Gas in Shales. , 2022, , .		0
3	Ionic Liquids as Clay Swelling Inhibitors: Adsorption Study. Energy & Fuels, 2022, 36, 3596-3605.	5.1	12
4	Integration of Formation and Drilling Parameters to Generate a Deterministic ROP Model. , 2022, , .		0
5	Ionic liquids as completion fluids to mitigate formation damage. Journal of Petroleum Science and Engineering, 2022, 214, 110564.	4.2	5
6	Data-Driven Modeling Approach to Predict the Recovery Performance of Low-Salinity Waterfloods. Natural Resources Research, 2021, 30, 1697-1717.	4.7	22
7	Impact of Multi-Branched Ionic Liquid on Shale Swelling and Hydration for High Temperature Drilling Applications. , 2021, , .		2
8	Development of Novel Shale Swelling Inhibitors Using Hydrophobic Ionic Liquids and Gemini Surfactants for Water-Based Drilling Fluids. , 2021, , .		6
9	Intelligent Predictor for Polymer Viscosity to Enhance Support for EOR Processes. , 2021, , .		1
10	Imidazolium-Based Ionic Liquids as Clay Swelling Inhibitors: Mechanism, Performance Evaluation, and Effect of Different Anions. ACS Omega, 2020, 5, 26682-26696.	3.5	53
11	Poly(Oxyethylene)-amidoamine Based Gemini Cationic Surfactants with Hydrophilic Spacers as Clay Stabilizers. Energy & Fuels, 2020, 34, 10619-10630.	5.1	27
12	A Novel Correlation to Predict Gas Flow Rates Utilizing Artificial Intelligence: An Industrial 4.0 Approach. , 2019, , .		13
13	Comparative Analysis of Intelligent Algorithms to Predict the Minimum Miscibility Pressure for Hydrocarbon Gas Flooding. , 2019, , .		24
14	Determination of vertical/horizontal well type from generalized field development optimization. Journal of Petroleum Science and Engineering, 2018, 162, 652-665.	4.2	20
15	Optimal parameters selection for SAGD and VAPEX processes. Journal of Petroleum Exploration and Production, 2017, 7, 821-842.	2.4	7
16	Optimal Parameter Selection in a Polymer Alternating Gas PAG Process. , 2016, , .		6
17	Well Placement and Rate Optimization for Gas Cycling in Gas Condensate Reservoirs. , 2015, , .		3
18	Multi-objective Well Placement Optimization Considering Energy Sustainability Along With Economical Gains. , 2015, , .		4

#	ARTICLE	IF	CITATIONS
19	A Rigorous Correlation for Quantification of Skin in Pre-analysis of Hydraulic Fracturing. , 2014, , .		2
20	Stochastic Optimization of Gas Cycling in Gas Condensate Reservoirs. , 2014, , .		8