

Mahmood Reza Yassin

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

619
citations

687335

13
h-index

888047

17
g-index

26
all docs

26
docs citations

26
times ranked

501
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic shale wettability and its relationship to other petrophysical properties: A Duvernay case study. <i>International Journal of Coal Geology</i> , 2017, 169, 74-91.	5.0	123
2	A Theory for Relative Permeability of Unconventional Rocks With Dual-Wettability Pore Network. <i>SPE Journal</i> , 2016, 21, 1970-1980.	3.1	68
3	Experimental investigation of CO ₂ -oil interactions in tight rocks: A Montney case study. <i>Fuel</i> , 2017, 203, 853-867.	6.4	59
4	A modified model for spontaneous imbibition of wetting phase into fractal porous media. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 543, 64-75.	4.7	56
5	Applying a robust solution based on expert systems and GA evolutionary algorithm for prognosticating residual gas saturation in water drive gas reservoirs. <i>Journal of Natural Gas Science and Engineering</i> , 2014, 21, 79-94.	4.4	43
6	Modelling imbibition data for determining size distribution of organic and inorganic pores in unconventional rocks. <i>International Journal of Coal Geology</i> , 2019, 201, 26-43.	5.0	33
7	A new approach to characterize the performance of heavy oil recovery due to various gas injection. <i>International Journal of Multiphase Flow</i> , 2018, 99, 273-283.	3.4	32
8	Effect of kerogen maturity on organic shale wettability: A Duvernay case study. <i>Marine and Petroleum Geology</i> , 2019, 110, 483-496.	3.3	32
9	Micro-Emulsion Phase Behavior of a Cationic Surfactant at Intermediate Interfacial Tension in Sandstone and Carbonate Rocks. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2015, 137, .	2.3	30
10	Evaluation of Imbibition Oil Recovery in the Duvernay Formation. <i>SPE Reservoir Evaluation and Engineering</i> , 2018, 21, 257-272.	1.8	27
11	Quantifying Oil-Recovery Mechanisms during Natural-Gas Huff & Puff Experiments on Ultratight Core Plugs. <i>SPE Journal</i> , 2021, 26, 498-514.	3.1	24
12	An Experimental Study of Nonequilibrium Carbon Dioxide/Oil Interactions. <i>SPE Journal</i> , 2018, 23, 1768-1783.	3.1	19
13	Prediction of Surfactant Retention in Porous Media: A Robust Modeling Approach. <i>Journal of Dispersion Science and Technology</i> , 2014, 35, 1407-1418.	2.4	18
14	CO ₂ -Oil Interactions in Tight Rocks: An Experimental Study. , 2017, , .		12
15	Rock-Fluid Interactions in the Duvernay Formation: Measurement of Wettability and Imbibition Oil Recovery. , 2017, , .		9
16	The effects of kerogen maturity on pore structure and wettability of organic-rich calcareous shales. <i>Journal of Molecular Liquids</i> , 2022, 362, 119577.	4.9	8
17	Visualizing Interactions Between Liquid Propane and Heavy Oil. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2020, 142, .	2.3	6
18	Unconventional well shut-in and reopening: Multiphase gas-oil interactions and their consequences on well performance. <i>Journal of Petroleum Science and Engineering</i> , 2022, 215, 110613.	4.2	5

#	ARTICLE	IF	CITATIONS
19	Source Rock Wettability: A Duvernay Case Study. , 2016, , .		4
20	An experimental and field case study to evaluate the effects of shut-in on well performance. Journal of Petroleum Science and Engineering, 2022, 208, 109318.	4.2	4
21	Relative Permeability of Unconventional Rocks with Dual-Wettability Pore-Network. , 2015, , .		3
22	Pore Size Distribution of Unconventional Rocks with Dual-Wet Pore Network: A Sequential Spontaneous and Forced Imbibition Technique. , 2019, , .		2
23	An Experimental Study of Non-Equilibrium CO ₂ -Oil Interactions. , 2017, , .		1
24	Quantifying Oil-Recovery Mechanisms During Natural-Gas Huff n Puff Experiments on Ultratight Core Plugs. , 2020, , .		1
25	Non-Equilibrium Interactions Between Heavy Oil and Liquid Propane. , 2018, , .		0
26	Wettability of Calcareous Shales from the East Duvernay Basin: The Role of Natural Fractures, Thermal Maturity, and Organic-Pore Connectivity. , 2020, , .		0