

Bao Jia

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

857
citations

759233

12
h-index

996975

15
g-index

21
all docs

21
docs citations

21
times ranked

734
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigations of CO ₂ storage capacity and flow behavior in shale formation. Journal of Petroleum Science and Engineering, 2022, 208, 109659.	4.2	51
2	A diffuse layer model for hydrocarbon mass transfer between pores and organic matter for supercritical CO ₂ injection and sequestration in shale. Chemical Engineering Journal, 2021, 406, 126746.	12.7	24
3	Extension of the Gas Research Institute (GRI) method to measure the permeability of tight rocks. Journal of Natural Gas Science and Engineering, 2021, 91, 103756.	4.4	6
4	Intelligent materials in unconventional oil and gas recovery. , 2021, , 175-206.		1
5	Investigation of Shale-Gas-Production Behavior: Evaluation of the Effects of Multiple Physics on the Matrix. SPE Reservoir Evaluation and Engineering, 2020, 23, 068-080.	1.8	29
6	An integrated approach of measuring permeability of naturally fractured shale. Journal of Petroleum Science and Engineering, 2020, 186, 106716.	4.2	13
7	Measurement of CO ₂ diffusion coefficient in the oil-saturated porous media. Journal of Petroleum Science and Engineering, 2019, 181, 106189.	4.2	29
8	Carbonated water injection (CWI) for improved oil recovery and carbon storage in high-salinity carbonate reservoir. Journal of the Taiwan Institute of Chemical Engineers, 2019, 104, 82-93.	5.3	15
9	Revisiting approximate analytical solutions of estimating low permeability using the gas transient transmission test. Journal of Natural Gas Science and Engineering, 2019, 72, 103027.	4.4	4
10	Impact of Heterogeneity on the Transient Gas Flow Process in Tight Rock. Energies, 2019, 12, 3559.	3.1	3
11	Investigation of Properties Alternation during Super-Critical CO ₂ Injection in Shale. Applied Sciences (Switzerland), 2019, 9, 1686.	2.5	17
12	Multiphysical Flow Behavior in Shale and Permeability Measurement by Pulse-Decay Method. , 2019, , 301-324.		2
13	Recovery Potential and Mechanism Investigation of the Supercritical CO ₂ EOR in the Bakken Tight Formation. , 2019, , .		2
14	A review of the current progress of CO ₂ injection EOR and carbon storage in shale oil reservoirs. Fuel, 2019, 236, 404-427.	6.4	447
15	A workflow to estimate shale gas permeability variations during the production process. Fuel, 2018, 220, 879-889.	6.4	58
16	Role of molecular diffusion in heterogeneous, naturally fractured shale reservoirs during CO ₂ huff-n-puff. Journal of Petroleum Science and Engineering, 2018, 164, 31-42.	4.2	82
17	Measurement of CO ₂ Diffusion Coefficient in the Oil-Saturated Porous Media. , 2018, , .		2
18	Insights into the Gas Transmission Test at Multiscale Based on Discrete-Fracture Model and History Matching. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
19	Experimental and numerical investigations of permeability in heterogeneous fractured tight porous media. Journal of Natural Gas Science and Engineering, 2018, 58, 216-233.	4.4	24
20	Different Flow Behaviors of Low-Pressure and High-Pressure Carbon Dioxide in Shales. SPE Journal, 2018, 23, 1452-1468.	3.1	44
21	Different Flow Behaviors of Low-Pressure and High-Pressure CO2 in Shales. , 2017, , .		4