

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	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
2	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
3	A workflow to estimate shale gas permeability variations during the production process. Fuel, 2018, 220, 879-889.	6.4	58
4	Investigations of CO ₂ storage capacity and flow behavior in shale formation. Journal of Petroleum Science and Engineering, 2022, 208, 109659.	4.2	51
5	Different Flow Behaviors of Low-Pressure and High-Pressure Carbon Dioxide in Shales. SPE Journal, 2018, 23, 1452-1468.	3.1	44
6	Measurement of CO ₂ diffusion coefficient in the oil-saturated porous media. Journal of Petroleum Science and Engineering, 2019, 181, 106189.	4.2	29
7	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
8	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
9	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
10	Investigation of Properties Alternation during Super-Critical CO ₂ Injection in Shale. Applied Sciences (Switzerland), 2019, 9, 1686.	2.5	17
11	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
12	An integrated approach of measuring permeability of naturally fractured shale. Journal of Petroleum Science and Engineering, 2020, 186, 106716.	4.2	13
13	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
14	Different Flow Behaviors of Low-Pressure and High-Pressure CO ₂ in Shales. , 2017, , .		4
15	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
16	Impact of Heterogeneity on the Transient Gas Flow Process in Tight Rock. Energies, 2019, 12, 3559.	3.1	3
17	Measurement of CO ₂ Diffusion Coefficient in the Oil-Saturated Porous Media. , 2018, , .		2
18	Multiphysical Flow Behavior in Shale and Permeability Measurement by Pulse-Decay Method. , 2019, , 301-324.		2

#	ARTICLE	IF	CITATIONS
19	Recovery Potential and Mechanism Investigation of the Supercritical CO2 EOR in the Bakken Tight Formation. , 2019, , .		2
20	Intelligent materials in unconventional oil and gas recovery. , 2021, , 175-206.		1
21	Insights into the Gas Transmission Test at Multiscale Based on Discrete-Fracture Model and History Matching. , 2018, , .		0