

Wenxi Ren

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

487
citations

933447

10
h-index

996975

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g-index

15
all docs

15
docs citations

15
times ranked

501
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Molecular Simulation of CO ₂ /CH ₄ Competitive Adsorption on Shale Kerogen for CO ₂ Sequestration and Enhanced Gas Recovery. Journal of Physical Chemistry C, 2018, 122, 17009-17018. | 3.1 | 164 |
| 2 | Experimental study of water vapor adsorption behaviors on shale. Fuel, 2019, 248, 168-177. | 6.4 | 51 |
| 3 | An analytical model for real gas flow in shale nanopores with non-circular cross-section. AIChE Journal, 2016, 62, 2893-2901. | 3.6 | 48 |
| 4 | Adsorption and Surface Diffusion of Supercritical Methane in Shale. Industrial & Engineering Chemistry Research, 2017, 56, 3446-3455. | 3.7 | 45 |
| 5 | A fractal model for real gas transport in porous shale. AIChE Journal, 2017, 63, 1430-1440. | 3.6 | 35 |
| 6 | Modeling of mixed-gas adsorption on shale using hPC-SAFT-MPTA. Fuel, 2017, 210, 535-544. | 6.4 | 29 |
| 7 | Modeling of High-Pressure Methane Adsorption on Wet Shales. Energy & Fuels, 2019, 33, 7043-7051. | 5.1 | 25 |
| 8 | Production Model of a Fractured Horizontal Well in Shale Gas Reservoirs. Energy & Fuels, 2021, 35, 493-500. | 5.1 | 22 |
| 9 | A Theoretical Analysis of Pore Size Distribution Effects on Shale Apparent Permeability. Geofluids, 2017, 2017, 1-9. | 0.7 | 19 |
| 10 | Analytical modeling and probabilistic evaluation of gas production from a hydraulically fractured shale reservoir using a quad-linear flow model. Journal of Petroleum Science and Engineering, 2020, 184, 106516. | 4.2 | 17 |
| 11 | Prediction of Shale Apparent Liquid Permeability Based on Fractal Theory. Energy & Fuels, 2020, 34, 6822-6833. | 5.1 | 11 |
| 12 | Productivity Prediction of Fractured Horizontal Well in Shale Gas Reservoirs with Machine Learning Algorithms. Applied Sciences (Switzerland), 2021, 11, 12064. | 2.5 | 11 |
| 13 | New Rate-Transient Analysis for Fractured Shale Gas Wells Using a Tri-linear Flow Model. Journal of Natural Gas Science and Engineering, 2020, 80, 103368. | 4.4 | 6 |
| 14 | An adaptive binary friction model for multicomponent gas transport in tight porous media. Journal of Applied Physics, 2021, 129, . | 2.5 | 3 |
| 15 | é€ç””ãžãæ±ã±,æ±ã±,éµã²©æ””çš„,é«”ãžãé™„æ”ãž. Diqiu Kexue - Zhongguo Dizhi Daxue Xuebao/Earth Science - Journal of China Geosciences, 2022, 47, 1865. | 0.5 | 1 |