

Fei Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3720386/publications.pdf>

Version: 2024-02-01

24
papers

295
citations

933447

10
h-index

940533

16
g-index

24
all docs

24
docs citations

24
times ranked

154
citing authors

#	ARTICLE	IF	CITATIONS
1	Time-series production forecasting method based on the integration of Bidirectional Gated Recurrent Unit (Bi-GRU) network and Sparrow Search Algorithm (SSA). Journal of Petroleum Science and Engineering, 2022, 208, 109309.	4.2	58
2	Application of Gated Recurrent Unit (GRU) Neural Network for Smart Batch Production Prediction. Energies, 2020, 13, 6121.	3.1	27
3	Impact of chemical osmosis on water leakoff and flowback behavior from hydraulically fractured gas shale. Journal of Petroleum Science and Engineering, 2017, 151, 264-274.	4.2	19
4	A new method to optimize the fracture geometry of a frac-packed well in unconsolidated sandstone heavy oil reservoirs. Science China Technological Sciences, 2012, 55, 1725-1731.	4.0	18
5	Numerical simulation of chemical potential dominated fracturing fluid flowback in hydraulically fractured shale gas reservoirs. Petroleum Exploration and Development, 2016, 43, 1060-1066.	7.0	17
6	Modeling Water Leak-off Behavior in Hydraulically Fractured Gas Shale under Multi-mechanism Dominated Conditions. Transport in Porous Media, 2017, 118, 177-200.	2.6	17
7	Simulation of proppant distribution in hydraulically fractured shale network during shut-in periods. Journal of Petroleum Science and Engineering, 2019, 178, 467-474.	4.2	17
8	Modeling fracturing-fluid flowback behavior in hydraulically fractured shale gas under chemical potential dominated conditions. Applied Geochemistry, 2016, 74, 194-202.	3.0	14
9	Simulation of coupled hydro-mechanical-chemical phenomena in hydraulically fractured gas shale during fracturing-fluid flowback. Journal of Petroleum Science and Engineering, 2018, 163, 16-26.	4.2	12
10	A pressure drop model of post-fracturing shut-in considering the effect of fracturing-fluid imbibition and oil replacement. Petroleum Exploration and Development, 2021, 48, 1440-1449.	7.0	12
11	Fracturing-Fluid Flowback Simulation with Consideration of Proppant Transport in Hydraulically Fractured Shale Wells. ACS Omega, 2020, 5, 9491-9502.	3.5	11
12	Coupled Thermo-Hydro-Mechanical-Chemical Modeling of Water Leak-Off Process during Hydraulic Fracturing in Shale Gas Reservoirs. Energies, 2017, 10, 1960.	3.1	10
13	Extraction of Interference from Long-term Transient Pressure using Multi-well Deconvolution Algorithm for Well Test Analysis. , 2010, , .		9
14	A physics-constrained long-term production prediction method for multiple fractured wells using deep learning. Journal of Petroleum Science and Engineering, 2022, 217, 110844.	4.2	9
15	Multi-Well Deconvolution Algorithm for the Diagnostic, Analysis of Transient Pressure With Interference From Permanent Down-hole Gauges (PDG). , 2009, , .		8
16	Hydrodynamic Equilibrium Simulation and Shut-in Time Optimization for Hydraulically Fractured Shale Gas Wells. Energies, 2020, 13, 961.	3.1	8
17	Fracture Characterization Using Flowback Water Transients from Hydraulically Fractured Shale Gas Wells. ACS Omega, 2019, 4, 14688-14698.	3.5	7
18	Coupled thermo-hydro-chemical modeling of fracturing-fluid leakoff in hydraulically fractured shale gas reservoirs. Journal of Petroleum Science and Engineering, 2018, 161, 17-28.	4.2	6

#	ARTICLE	IF	CITATIONS
19	Mathematical Modeling and Numerical Simulation of Water-Rock Interaction in Shale Under Fracturing-Fluid Flowback Conditions. <i>Water Resources Research</i> , 2021, 57, e2020WR029537.	4.2	6
20	A multi-mechanism multi-pore coupled salt flowback model and field application for hydraulically fractured shale wells. <i>Journal of Petroleum Science and Engineering</i> , 2021, 196, 108013.	4.2	4
21	Processing and analysis of transient pressure measurements from permanent down-hole gauges. <i>Petroleum Science</i> , 2012, 9, 330-335.	4.9	2
22	Pressure-buildup analysis method for a post-treatment evaluation of hydraulically fractured tight gas wells. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 35, 753-760.	4.4	2
23	The flowback behavior of salt in hydraulically fractured shale under multi-phase flow conditions: Modelling, simulation and application. <i>Journal of Natural Gas Science and Engineering</i> , 2021, 92, 103985.	4.4	2
24	Numerical Investigation of Oil-Water Exchange Behaviors in Shale During Post-Fracturing Soaking Periods. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	0