

Yuliang Su

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,303
citations

394421

19
h-index

361022

35
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55
all docs

55
docs citations

55
times ranked

782
citing authors

#	ARTICLE	IF	CITATIONS
1	A new analytical multi-linear solution for gas flow toward fractured horizontal wells with different fracture intensity. <i>Journal of Natural Gas Science and Engineering</i> , 2015, 23, 227-238.	4.4	152
2	A new fractal approach for describing induced-fracture porosity/permeability/ compressibility in stimulated unconventional reservoirs. <i>Journal of Petroleum Science and Engineering</i> , 2019, 179, 855-866.	4.2	149
3	A semi-analytical fractal model for production from tight oil reservoirs with hydraulically fractured horizontal wells. <i>Fuel</i> , 2015, 158, 612-618.	6.4	92
4	An analytical model to couple gas storage and transport capacity in organic matter with noncircular pores. <i>Fuel</i> , 2020, 268, 117288.	6.4	73
5	Effect of water film on oil flow in quartz nanopores from molecular perspectives. <i>Fuel</i> , 2020, 262, 116560.	6.4	68
6	A mathematical model considering complex fractures and fractal flow for pressure transient analysis of fractured horizontal wells in unconventional reservoirs. <i>Journal of Natural Gas Science and Engineering</i> , 2015, 23, 139-147.	4.4	58
7	A review of stimulated reservoir volume characterization for multiple fractured horizontal well in unconventional reservoirs. <i>Advances in Geo-Energy Research</i> , 2017, 1, 54-63.	6.0	53
8	Experimental and Numerical Study on CO ₂ Sweep Volume during CO ₂ Huff-n-Puff Enhanced Oil Recovery Process in Shale Oil Reservoirs. <i>Energy & Fuels</i> , 2019, 33, 4017-4032.	5.1	52
9	Further Investigation of Effects of Injection Pressure and Imbibition Water on CO ₂ Huff-n-Puff Performance in Liquid-Rich Shale Reservoirs. <i>Energy & Fuels</i> , 2018, 32, 5789-5798.	5.1	50
10	Effect of microscale compressibility on apparent porosity and permeability in shale gas reservoirs. <i>International Journal of Heat and Mass Transfer</i> , 2018, 120, 56-65.	4.8	45
11	APPLICATION OF FRACTAL GEOMETRY IN EVALUATION OF EFFECTIVE STIMULATED RESERVOIR VOLUME IN SHALE GAS RESERVOIRS. <i>Fractals</i> , 2017, 25, 1740007.	3.7	44
12	A review of analytical and semi-analytical fluid flow models for ultra-tight hydrocarbon reservoirs. <i>Fuel</i> , 2019, 256, 115737.	6.4	41
13	A multiple porosity media model for multi-fractured horizontal wells in shale gas reservoirs. <i>Journal of Natural Gas Science and Engineering</i> , 2015, 27, 1562-1573.	4.4	38
14	Permeability Reduction of Berea Cores Owing to Nanoparticle Adsorption onto the Pore Surface: Mechanistic Modeling and Experimental Work. <i>Energy & Fuels</i> , 2017, 31, 795-804.	5.1	38
15	ANALYSIS OF THE COMPLEX FRACTURE FLOW IN MULTIPLE FRACTURED HORIZONTAL WELLS WITH THE FRACTAL TREE-LIKE NETWORK MODELS. <i>Fractals</i> , 2015, 23, 1550014.	3.7	35
16	Monitoring oil displacement and CO ₂ trapping in low-permeability media using NMR: A comparison of miscible and immiscible flooding. <i>Fuel</i> , 2021, 305, 121606.	6.4	30
17	Application of the fractal geometry theory on fracture network simulation. <i>Journal of Petroleum Exploration and Production</i> , 2017, 7, 487-496.	2.4	28
18	Apparent permeability model for shale oil transport through elliptic nanopores considering wall-oil interaction. <i>Journal of Petroleum Science and Engineering</i> , 2019, 176, 1041-1052.	4.2	24

#	ARTICLE	IF	CITATIONS
19	Hydro-mechanical-chemical modeling of sub-nanopore capillary-confinement on CO ₂ -CCUS-EOR. Energy, 2021, 225, 120203.	8.8	20
20	Experimental investigation of CO ₂ storage and oil production of different CO ₂ injection methods at pore-scale and core-scale. Energy, 2022, 254, 124349.	8.8	19
21	A Semianalytic Solution for Temporal Pressure and Production Rate in a Shale Reservoir With Nonuniform Distribution of Induced Fractures. SPE Journal, 2019, 24, 1856-1883.	3.1	17
22	A composite dual-porosity fractal model for channel-fractured horizontal wells. Engineering Applications of Computational Fluid Mechanics, 2018, 12, 104-116.	3.1	14
23	The numerical simulation and wellbore modelling of steam injection and stored heat recovery from light oil reservoir. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2021, 43, 1-16.	2.3	14
24	Asphaltene deposition and permeability impairment in shale reservoirs during CO ₂ huff-n-puff EOR process. Petroleum Science and Technology, 2020, 38, 384-390.	1.5	12
25	New Slip Coefficient Model Considering Adsorbed Gas Diffusion in Shale Gas Reservoirs. Energy & Fuels, 2020, 34, 12078-12087.	5.1	12
26	Theoretical Analysis of the Mechanism of Fracture Network Propagation with Stimulated Reservoir Volume (SRV) Fracturing in Tight Oil Reservoirs. PLoS ONE, 2015, 10, e0125319.	2.5	11
27	A model for gas transport in organic matter with isolated pores in shale gas reservoirs. Journal of Natural Gas Science and Engineering, 2018, 57, 178-188.	4.4	10
28	Lattice Boltzmann Model for Oil/Water Two-Phase Flow in Nanoporous Media Considering Heterogeneous Viscosity, Liquid/Solid, and Liquid/Liquid Slip. SPE Journal, 2022, 27, 3508-3524.	3.1	8
29	Temporal scale-based production analysis of fractured horizontal wells with stimulated reservoir volume. Journal of Natural Gas Science and Engineering, 2017, 48, 46-64.	4.4	7
30	A multi-linear flow model for multistage fractured horizontal wells in shale reservoirs. Journal of Petroleum Exploration and Production, 2017, 7, 747-758.	2.4	7
31	Multiporosity and Multiscale Flow Characteristics of a Stimulated Reservoir Volume (SRV)-Fractured Horizontal Well in a Tight Oil Reservoir. Energies, 2018, 11, 2724.	3.1	7
32	Progress of the research on productivity prediction methods for stimulated reservoir volume (SRV)-fractured horizontal wells in unconventional hydrocarbon reservoirs. Arabian Journal of Geosciences, 2019, 12, 1.	1.3	7
33	Mathematical Model and Application of Spontaneous and Forced Imbibition in Shale Porous Media-Considered Forced Pressure and Osmosis. Energy & Fuels, 2022, 36, 5723-5736.	5.1	7
34	Immiscible/Near-Miscible relative permeability for confined fluids at high-pressure and high-temperature for a fractal reservoir. Fuel, 2022, 310, 122389.	6.4	6
35	A New Slip Length Model for Enhanced Water Flow Coupling Molecular Interaction, Pore Dimension, Wall Roughness, and Temperature. Advances in Polymer Technology, 2019, 2019, 1-12.	1.7	5
36	Investigation of Multistage Hydraulic Fracture Optimization Design Methods in Horizontal Shale Oil Wells in the Ordos Basin. Geofluids, 2020, 2020, 1-17.	0.7	5

#	ARTICLE	IF	CITATIONS
37	A NEW FRACTAL TEMPORAL CONDUCTIVITY MODEL FOR PROPPED FRACTURE AND ITS APPLICATION IN TIGHT RESERVOIRS. <i>Fractals</i> , 2020, 28, 2050074.	3.7	5
38	Effect of Surface Type on the Flow Characteristics in Shale Nanopores. <i>Geofluids</i> , 2021, 2021, 1-12.	0.7	5
39	ANALYTIC EVALUATION METHOD OF FRACTAL EFFECTIVE STIMULATED RESERVOIR VOLUME FOR FRACTURED WELLS IN UNCONVENTIONAL GAS RESERVOIRS. <i>Fractals</i> , 2018, 26, 1850097.	3.7	4
40	PREDICTED MODEL OF RELATIVE PERMEABILITY CONSIDERING WATER DISTRIBUTION CHARACTERISTICS IN TIGHT SANDSTONE GAS RESERVOIRS. <i>Fractals</i> , 2020, 28, 2050012.	3.7	4
41	Fracture Network Mapping Using Integrated Micro-Seismic Events Inverse with Rate-Transient Analysis. , 2019, , .		3
42	Research on stress alternation effects and fracture reorientation for refracturing treatment. <i>Simulation</i> , 2021, 97, 97-107.	1.8	3
43	Temporal scale analysis of two phase flow in fractured well. <i>Journal of Petroleum Science and Engineering</i> , 2018, 168, 342-358.	4.2	2
44	Multi-fractures Drainage Response in Production of Fractured Horizontal Wells in Tight Sandstone Oil Reservoirs. <i>Arabian Journal for Science and Engineering</i> , 2018, 43, 6391-6397.	3.0	2
45	Temporal scale analysis of shale gas dynamic coupling flow. <i>Fuel</i> , 2019, 239, 587-600.	6.4	2
46	A Simplified Capillary Bundle Model for CO ₂ -Alternating-Water Injection Using an Equivalent Resistance Method. <i>Geofluids</i> , 2020, 2020, 1-14.	0.7	2
47	CO ₂ -Fluid-Rock Interactions and the Coupled Geomechanical Response during CCUS Processes in Unconventional Reservoirs. <i>Geofluids</i> , 2021, 2021, 1-22.	0.7	2
48	Frontier Enhanced Oil Recovery (EOR) Research on the Application of Imbibition Techniques in High-Pressure Forced Soaking of Hydraulically Fractured Shale Oil Reservoirs. <i>Geofluids</i> , 2021, 2021, 1-17.	0.7	2
49	Fractal-Based Production Analysis for Shale Reservoir Considering Vertical Cross-Flow. <i>Fractals</i> , 0, , .	3.7	2
50	Study on the Temporal and Spatial Multiscale Coupling Flow of Shale Oil. <i>Processes</i> , 2022, 10, 939.	2.8	1
51	Screening and Evaluation of Preponderant Reserves in Oil Or Gas Fields. , 2010, , .		0
52	Temporal Scale Analysis of Gas Flow in Tight Gas Reservoirs considering the Nonequilibrium Effect. <i>Geofluids</i> , 2021, 2021, 1-12.	0.7	0
53	A new fractal apparent permeability model for liquid flow in tortuous nanopores from lattice Boltzmann simulations to theoretical model. <i>Fractals</i> , 0, , .	3.7	0
54	Study of Imbibition Effect Using Temporal-Scale Analysis of Two-Phase Flow in a Tight Reservoir. <i>Energy & Fuels</i> , 0, , .	5.1	0