

Shijie Zhu

List of Publications by Year in descending order

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papers

111
citations

1478505

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all docs

23
docs citations

23
times ranked

63
citing authors

#	ARTICLE	IF	CITATIONS
1	Discussion on the Reconstruction of Medium/Low-Permeability Gas Reservoirs Based on Seepage Characteristics. Processes, 2022, 10, 756.	2.8	1
2	Application and Optimization of the Rheological Model for a Hydrophobically Associating Dendrimer Polymer. Polymers, 2022, 14, 1747.	4.5	4
3	Influencing factors for effective establishment of residual resistance factor of polymer solution in porous media. Journal of Polymer Research, 2022, 29, 1.	2.4	6
4	Study on the method for determining the effective construction range for heavy oil cold mining chemical viscosity reduction. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2021, 43, 1019-1027.	2.3	4
5	Effect of microaggregation behavior on the salt tolerance of polymer solutions. Journal of Applied Polymer Science, 2021, 138, 50277.	2.6	6
6	Simulation and optimization of working parameters of the rapid-dissolution device of hydrophobically associating polymer. AIP Advances, 2021, 11, 015003.	1.3	2
7	Solution properties and seepage characteristics of a dendritic hydrophobically associating polymer. Journal of Polymer Research, 2021, 28, 1.	2.4	3
8	Adsorption Characteristics of Polymer Solutions on Media Surfaces and Their Main Influencing Factors. Polymers, 2021, 13, 1774.	4.5	14
9	Effect of hydrophobic association on the flow resistance of polymer solutions. AIP Advances, 2021, 11, 065324.	1.3	3
10	Study on Desorption Experiment and Desorption Model of Deep Shale Gas Containing Water. Advances in Materials Science and Engineering, 2021, 2021, 1-10.	1.8	0
11	Study on application timing and solution performance optimisation of composite system after polymer flooding. International Journal of Oil, Gas and Coal Technology, 2021, 28, 287.	0.2	2
12	Effect of microscopic aggregation behavior on polymer shear resistance. Journal of Applied Polymer Science, 2020, 137, 48670.	2.6	14
13	Study on Optimization Application of Iron Ion Stabilizer in the Polymer Injection Process of Offshore Oilfield. IOP Conference Series: Materials Science and Engineering, 2020, 729, 012021.	0.6	0
14	Investigation into mobility control mechanisms by polymer flooding in offshore high-permeable heavy oil reservoir. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2020, , 1-14.	2.3	4
15	Integrating Support Vector Regression with Genetic Algorithm for Hydrate Formation Condition Prediction. Processes, 2020, 8, 519.	2.8	10
16	The seepage flow characteristics of hydrophobically associated polymers with different aggregation behaviours in porous media. Royal Society Open Science, 2020, 7, 191270.	2.4	11
17	Experimental Study on the Effect of Polymer Injection Timing on Oil Displacement in Porous Media. Processes, 2020, 8, 93.	2.8	9
18	Optimization Design and Analysis of Polymer High Efficiency Mixer in Offshore Oil Field. Processes, 2020, 8, 110.	2.8	2

#	ARTICLE	IF	CITATIONS
19	Research on optimal timing range for early polymer injection in sandstone reservoir. Energy Reports, 2020, 6, 3357-3364.	5.1	11
20	Simulation and analysis of polymer dispersed dissolution process on offshore platforms. IOP Conference Series: Earth and Environmental Science, 2020, 565, 012045.	0.3	1
21	Analysis Method for Tracer Production Curve in Fractured-vuggy Reservoir. IOP Conference Series: Earth and Environmental Science, 2019, 242, 022002.	0.3	1
22	Study on main controlling factors of high injection pressure in offshore heavy oil reservoir. IOP Conference Series: Earth and Environmental Science, 2019, 218, 012154.	0.3	0
23	Contribution degree of fluidity control for polymer flooding in heavy oil reservoir. IOP Conference Series: Earth and Environmental Science, 0, 237, 042021.	0.3	3