

Shijie Zhu

List of Publications by Year in descending order

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papers

111
citations

1478505

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1372567

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23
all docs

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docs citations

23
times ranked

63
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of microscopic aggregation behavior on polymer shear resistance. Journal of Applied Polymer Science, 2020, 137, 48670.	2.6	14
2	Adsorption Characteristics of Polymer Solutions on Media Surfaces and Their Main Influencing Factors. Polymers, 2021, 13, 1774.	4.5	14
3	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
4	Research on optimal timing range for early polymer injection in sandstone reservoir. Energy Reports, 2020, 6, 3357-3364.	5.1	11
5	Integrating Support Vector Regression with Genetic Algorithm for Hydrate Formation Condition Prediction. Processes, 2020, 8, 519.	2.8	10
6	Experimental Study on the Effect of Polymer Injection Timing on Oil Displacement in Porous Media. Processes, 2020, 8, 93.	2.8	9
7	Effect of micro-aggregation behavior on the salt tolerance of polymer solutions. Journal of Applied Polymer Science, 2021, 138, 50277.	2.6	6
8	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
9	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
10	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
11	Application and Optimization of the Rheological Model for a Hydrophobically Associating Dendrimer Polymer. Polymers, 2022, 14, 1747.	4.5	4
12	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
13	Solution properties and seepage characteristics of a dendritic hydrophobically associating polymer. Journal of Polymer Research, 2021, 28, 1.	2.4	3
14	Effect of hydrophobic association on the flow resistance of polymer solutions. AIP Advances, 2021, 11, 065324.	1.3	3
15	Optimization Design and Analysis of Polymer High Efficiency Mixer in Offshore Oil Field. Processes, 2020, 8, 110.	2.8	2
16	Simulation and optimization of working parameters of the rapid-dissolution device of hydrophobically associating polymer. AIP Advances, 2021, 11, 015003.	1.3	2
17	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
18	Analysis Method for Tracer Production Curve in Fractured-vuggy Reservoir. IOP Conference Series: Earth and Environmental Science, 2019, 242, 022002.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Simulation and analysis of polymer dispersed dissolution process on offshore platforms. IOP Conference Series: Earth and Environmental Science, 2020, 565, 012045.	0.3	1
20	Discussion on the Reconstruction of Medium/Low-Permeability Gas Reservoirs Based on Seepage Characteristics. Processes, 2022, 10, 756.	2.8	1
21	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
22	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
23	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