

Zulhelmi Amir

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	In situ organically cross-linked polymer gel for high-temperature reservoir conformance control: A review. <i>Polymers for Advanced Technologies</i> , 2019, 30, 13-39.	1.6	65
2	Surface-Functionalized Superparamagnetic Nanoparticles (SPNs) for Enhanced Oil Recovery: Effects of Surface Modifiers and Their Architectures. <i>ACS Omega</i> , 2019, 4, 21477-21486.	1.6	22
3	Thermosensitive Core-Shell Fe ₃ O ₄ @poly(<i>N</i> -isopropylacrylamide) Nanogels for Enhanced Oil Recovery. <i>Langmuir</i> , 2021, 37, 8855-8865.	1.6	13
4	Rheological behavior and temperature dependency study of Saraline-based super lightweight completion fluid. <i>Journal of Petroleum Science and Engineering</i> , 2015, 130, 106-113.	2.1	9
5	Derivation of formation factor in shaly sandstone with geometry and clay conductivity effects. <i>Journal of Petroleum Science and Engineering</i> , 2019, 182, 106359.	2.1	9
6	Weakened PAM/PEI Polymer Gel for Oilfield Water Control: Remedy with Silica Nanoparticles. <i>Gels</i> , 2022, 8, 265.	2.1	9
7	An Optimization Study of Polyacrylamide-Polyethylenimine-Based Polymer Gel for High Temperature Reservoir Conformance Control. <i>International Journal of Polymer Science</i> , 2018, 2018, 1-10.	1.2	8
8	The retardation of polyacrylamide by ammonium chloride in high-salinity and high-temperature conditions: molecular analysis. <i>Polymer Bulletin</i> , 2020, 77, 5469-5487.	1.7	3
9	PAM/PEI polymer gel for water control in high-temperature and high-pressure conditions: Core flooding with crossflow effect. <i>Korean Journal of Chemical Engineering</i> , 2022, 39, 605-615.	1.2	3
10	Gelation performance of PAM/PEI polymer gel with addition of retarder in high-salinity conditions. <i>Journal of Sol-Gel Science and Technology</i> , 2022, 101, 299-313.	1.1	3
11	Density and Viscosity Prediction of Super Lightweight Completion Fluid SLWCF at Reservoir Conditions. , 2016, , .		2
12	Viscosity prediction model optimization for Saraline-based super lightweight completion fluid at high pressure and temperature. <i>Petroleum Exploration and Development</i> , 2016, 43, 863-868.	3.0	1
13	Rheology and Temperature Dependency Study of Saraline-Based Super Lightweight Completion Fluid. , 2016, , .		1
14	Improved water saturation estimation in shaly sandstone through variable cementation factor. <i>Journal of Petroleum Exploration and Production</i> , 0, , 1.	1.2	1
15	Prediction of Saraline-based super lightweight completion fluid densities at elevated pressures and temperatures. <i>Journal of Petroleum Science and Engineering</i> , 2015, 135, 645-651.	2.1	0