

Oilfield scale formation and chemical removal: A review

Journal of Petroleum Science and Engineering

171, 127-139

DOI: [10.1016/j.petrol.2018.07.037](https://doi.org/10.1016/j.petrol.2018.07.037)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Performance and displacement mechanism of a surfactant/compound alkaline flooding system for enhanced oil recovery. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 580, 123679.	2.3	28
2	Numerical Simulation of Scale Formation for Injectionâ€“Production Units in Oil Reservoirs. <i>Arabian Journal for Science and Engineering</i> , 2019, 44, 10537-10545.	1.7	2
3	Can macrocyclic phosphonate molecules inhibit barium sulfate crystallization?. <i>CrystEngComm</i> , 2019, 21, 807-815.	1.3	4
4	Corrosion inhibition of X80 steel in simulated acid wash solution using glutathione and its blends: Experimental and theoretical studies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 578, 123597.	2.3	21
5	Experimental and numerical study on dynamic scaling mechanism of glass fiber reinforced plastics pipeline. <i>Composite Structures</i> , 2019, 225, 111111.	3.1	3
6	State of the art of synthetic threshold scale inhibitors for mineral scaling in the petroleum industry: a review. <i>Petroleum Science</i> , 2019, 16, 830-849.	2.4	75
7	Pyrite Scale Removal Using Green Formulations for Oil and Gas Applications: Reaction Kinetics. <i>Energy & Fuels</i> , 2019, 33, 4499-4505.	2.5	12
8	Water-soluble carboxymethylchitosan as green scale inhibitor in oil wells. <i>Carbohydrate Polymers</i> , 2019, 215, 137-142.	5.1	64
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10	Development of modeling approaches to describe mineral scale deposition kinetics in porous medium and pipe flow system. <i>Journal of Petroleum Science and Engineering</i> , 2019, 178, 594-601.	2.1	7
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16	New Environmentally Friendly Acid System for Iron Sulfide Scale Removal. <i>Sustainability</i> , 2019, 11, 6727.	1.6	12
17	Reinjection oilfield wastewater treatment using bioelectrochemical system and consequent corrosive community evolution on pipe material. <i>Journal of Bioscience and Bioengineering</i> , 2020, 129, 199-205.	1.1	16
18	A New Method To Evaluate Reaction Kinetics of Acids with Carbonate Rocks Using NMR Diffusion Measurements. <i>Energy & Fuels</i> , 2020, 34, 787-797.	2.5	12

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19	Propensity of gypsum precipitation using surface energy approach. Journal of Molecular Liquids, 2020, 300, 112320.	2.3	25
20	Use of rice straw-based biochar for batch sorption of barium/strontium from saline water: Protection against scale formation in petroleum/desalination industries. Journal of Cleaner Production, 2020, 250, 119442.	4.6	39
21	Self-Assembly of Silica Nanoparticles at Water-Hydrocarbon Interfaces: Insights from In Operando Small-Angle X-ray Scattering Measurements and Molecular Dynamics Simulations. Energy & Fuels, 2020, 34, 12545-12555.	2.5	11
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