

Si Li

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

199
citations

1163117

8
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

126
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of operating conditions on wax deposition in a laboratory flow loop characterized with DSC technique. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 119, 471-485.	3.6	44
2	Effect of Water Fraction on Rheological Properties of Waxy Crude Oil Emulsions. <i>Journal of Dispersion Science and Technology</i> , 2014, 35, 1114-1125.	2.4	25
3	Determination of the optimizing operating procedure for DSC test of wax-solvent samples with narrow and sharp wax peak and error analysis of data reliability. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 126, 1713-1725.	3.6	24
4	Development of wax molecular diffusivity correlation suitable for crude oil in wax deposition: Experiments with a cold-finger apparatus. <i>Journal of Petroleum Science and Engineering</i> , 2021, 205, 108851.	4.2	22
5	Research on viscoelastic properties of water in waxy crude oil emulsion gels with the effect of droplet size and distribution. <i>Canadian Journal of Chemical Engineering</i> , 2015, 93, 2233-2244.	1.7	20
6	The wax deposition rate of water-in-crude oil emulsions based on the laboratory flow loop experiment. <i>Journal of Dispersion Science and Technology</i> , 2017, 38, 8-18.	2.4	16
7	Investigation of wax deposition and effective diffusion coefficient in water-in-oil emulsion system. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 134, 1031-1043.	3.6	16
8	Relation of heat and mass transfer in wax diffusion in an emulsion of water and waxy crude oil under static condition. <i>Experimental Thermal and Fluid Science</i> , 2018, 99, 1-12.	2.7	10
9	Wax Deposition Study in a Cold-finger System with Model Oil. , 2015, , .		8
10	Quantitative characterization of the blockage effect from dispersed phase on wax molecular diffusion in water-in-oil emulsion. <i>Journal of Petroleum Science and Engineering</i> , 2021, 196, 108012.	4.2	6
11	Experimental study on the wax deposit properties in the radial direction in crude oil pipeline: wax precipitation, carbon number distribution. <i>Petroleum Science and Technology</i> , 2022, 40, 2319-2335.	1.5	5
12	Experimental study on the wax deposit properties in the crude oil pipeline: Crystal morphology, yield stress. <i>Petroleum Science and Technology</i> , 2022, 40, 2737-2754.	1.5	2
13	Micro-mechanism analysis of the rheological properties of water-in-waxy-crude-oil emulsion under pipe flow. <i>Journal of Dispersion Science and Technology</i> , 2020, , 1-12.	2.4	1