Si Li

List of Publications by Year
in descending order

13	199	1163117 8	1199594 12
papers	citations	h-index	g-index

13	13	13	126
all docs	docs citations	times ranked	citing authors

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