Rahul Saha

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9323574/publications.pdf

Version: 2024-02-01

9 papers	385 citations	1307594 7 h-index	1588992 8 g-index
11 all docs	11 docs citations	11 times ranked	346 citing authors

#	Article	IF	Citations
1	Silica Nanoparticle Assisted Polymer Flooding of Heavy Crude Oil: Emulsification, Rheology, and Wettability Alteration Characteristics. Industrial & Engineering Chemistry Research, 2018, 57, 6364-6376.	3.7	103
2	Influence of emulsification, interfacial tension, wettability alteration and saponification on residual oil recovery by alkali flooding. Journal of Industrial and Engineering Chemistry, 2018, 59, 286-296.	5.8	66
3	Impact of Natural Surfactant (Reetha), Polymer (Xanthan Gum), and Silica Nanoparticles To Enhance Heavy Crude Oil Recovery. Energy & Fuels, 2019, 33, 4225-4236.	5.1	62
4	Effect of mineralogy on the adsorption characteristics of surfactantâ€"Reservoir rock system. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 531, 121-132.	4.7	60
5	Effects of interfacial tension, oil layer break time, emulsification and wettability alteration on oil recovery for carbonate reservoirs. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 559, 92-103.	4.7	40
6	Ultrasound assisted transesterification of high free fatty acids karanja oil using heterogeneous base catalysts. Biomass Conversion and Biorefinery, 2015, 5, 195-207.	4.6	29
7	Low salinity surfactant alternating gas/CO2 flooding for enhanced oil recovery in sandstone reservoirs. Journal of Petroleum Science and Engineering, 2022, 212, 110253.	4.2	18
8	Interfacial interaction and emulsification of crude oil to enhance oil recovery. International Journal of Oil, Gas and Coal Technology, 2019, 22, 1.	0.2	4
9	Optimum Formulation of Chemical Slug and Core Flooding Studies. Green Energy and Technology, 2022, , 73-99.	0.6	0