

Hosein Rezvani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1926972/publications.pdf>

Version: 2024-02-01

12
papers

480
citations

1039406

9
h-index

1281420

11
g-index

12
all docs

12
docs citations

12
times ranked

342
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental characterization of colloidal silica gel for water conformance control in oil reservoirs. <i>Scientific Reports</i> , 2022, 12, .	1.6	8
2	A novel foam formulation by Al ₂ O ₃ /SiO ₂ nanoparticles for EOR applications: A mechanistic study. <i>Journal of Molecular Liquids</i> , 2020, 304, 112730.	2.3	55
3	A pore-scale study on improving CTAB foam stability in heavy crude oil~water system using TiO ₂ nanoparticles. <i>Journal of Petroleum Science and Engineering</i> , 2019, 183, 106411.	2.1	25
4	Experimental investigation of stability of water in oil emulsions at reservoir conditions: Effect of ion type, ion concentration, and system pressure. <i>Fuel</i> , 2019, 243, 15-27.	3.4	52
5	An experimental study toward possible benefits of water in oil emulsification in heavy oil reservoirs: comparing role of ions and nanoparticles. <i>Materials Research Express</i> , 2019, 6, 085702.	0.8	8
6	Pore-scale investigation of Al ₂ O ₃ nanoparticles for improving smart water injection: effect of ion type, ion and nanoparticle concentration, and temperature. <i>Materials Research Express</i> , 2019, 6, 085505.	0.8	13
7	A Complete experimental study of oil/water interfacial properties in the presence of TiO ₂ nanoparticles and different ions. <i>Oil and Gas Science and Technology</i> , 2019, 74, 39.	1.4	23
8	A new insight into Fe ₃ O ₄ -based nanocomposites for adsorption of asphaltene at the oil/water interface: An experimental interfacial study. <i>Journal of Petroleum Science and Engineering</i> , 2019, 177, 786-797.	2.1	44
9	Experimental investigation of interfacial properties in the EOR mechanisms by the novel synthesized Fe ₃ O ₄ @Chitosan nanocomposites. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 544, 15-27.	2.3	105
10	How ZrO ₂ nanoparticles improve the oil recovery by affecting the interfacial phenomena in the reservoir conditions?. <i>Journal of Molecular Liquids</i> , 2018, 252, 158-168.	2.3	70
11	Potential effects of metal oxide/SiO ₂ nanocomposites in EOR processes at different pressures. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 559, 372-384.	2.3	77
12	Comparison of Formation and Stability of Emulsions in the Injection of Smart Water and Nanofluid into Heavy Oil Reservoirs. , 2018, , .		0