# Hosein Rezvani

List of Publications by Year
in descending order



| 12 | 480 | 1039880 9 | 1281743 11 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 12 | 12 | 12 | 342 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Experimental investigation of interfacial properties in the EOR mechanisms by the novel synthesized Fe3O4@Chitosan nanocomposites. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 544, 15-27. | 2.3 | 105 |
| 2 | Potential effects of metal oxide/SiO2 nanocomposites in EOR processes at different pressures. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 559, 372-384. | 2.3 | 77 |
| 3 | How ZrO2 nanoparticles improve the oil recovery by affecting the interfacial phenomena in the reservoir conditions?. Journal of Molecular Liquids, 2018, 252, 158-168. | 2.3 | 70 |
| 4 | A novel foam formulation by Al2O3/SiO2 nanoparticles for EOR applications: A mechanistic study. Journal of Molecular Liquids, 2020, 304, 112730. | 2.3 | 55 |
| 5 | Experimental investigation of stability of water in oil emulsions at reservoir conditions: Effect of ion type, ion concentration, and system pressure. Fuel, 2019, 243, 15-27. | 3.4 | 52 |
| 6 | A new insight into Fe3O4-based nanocomposites for adsorption of asphaltene at the oil/water interface: An experimental interfacial study. Journal of Petroleum Science and Engineering, 2019, 177, 786-797. | 2.1 | 44 |
| 7 | A pore-scale study on improving CTAB foam stability in heavy crude oilâ˜'water system using TiO2 nanoparticles. Journal of Petroleum Science and Engineering, 2019, 183, 106411. | 2.1 | 25 |
| 8 | A Complete experimental study of oil/water interfacial properties in the presence of TiO<sub>2</sub> nanoparticles and different ions. Oil and Gas Science and Technology, 2019, 74, 39. | 1.4 | 23 |
| 9 | Pore-scale investigation of Al<sub>2</sub>O<sub>3</sub> nanoparticles for improving smart water injection: effect of ion type, ion and nanoparticle concentration, and temperature. Materials Research Express, 2019, 6, 085505. | 0.8 | 13 |
| 10 | An experimental study toward possible benefits of water in oil emulsification in heavy oil reservoirs: comparing role of ions and nanoparticles. Materials Research Express, 2019, 6, 085702. | 0.8 | 8 |
| 11 | Experimental characterization of colloidal silica gel for water conformance control in oil reservoirs. Scientific Reports, 2022, 12, . | 1.6 | 8 |
| 12 | Comparison of Formation and Stability of Emulsions in the Injection of Smart Water and Nanofluid into Heavy Oil Reservoirs. , 2018, , . | | 0 |