

Ali Piroozian

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

710
citations

933264

10
h-index

1125617

13
g-index

14
all docs

14
docs citations

14
times ranked

739
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Impact of Metal Oxide Nanoparticles on Enhanced Oil Recovery from Limestone Media at Several Temperatures. <i>Energy & Fuels</i> , 2014, 28, 6255-6266. | 2.5 | 266 |
| 2 | Impact of drilling fluid viscosity, velocity and hole inclination on cuttings transport in horizontal and highly deviated wells. <i>Journal of Petroleum Exploration and Production</i> , 2012, 2, 149-156. | 1.2 | 90 |
| 3 | Experimental investigation of rheological and filtration properties of water-based drilling fluids in presence of various nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 555, 256-263. | 2.3 | 90 |
| 4 | Effects of Nanoparticle Types on Carbon Dioxide Foam Flooding in Enhanced Oil Recovery. <i>Petroleum Science and Technology</i> , 2015, 33, 1286-1294. | 0.7 | 58 |
| 5 | Review of oil-water through pipes. <i>Flow Measurement and Instrumentation</i> , 2015, 45, 357-374. | 1.0 | 48 |
| 6 | Experimental investigation of oil-water two-phase flow in horizontal pipes: Pressure losses, liquid holdup and flow patterns. <i>Journal of Petroleum Science and Engineering</i> , 2015, 127, 409-420. | 2.1 | 38 |
| 7 | A mechanistic understanding of the water-in-heavy oil emulsion viscosity variation: effect of asphaltene and wax migration. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 608, 125604. | 2.3 | 34 |
| 8 | Effect of emulsified water on the wax appearance temperature of water-in-waxy-crude-oil emulsions. <i>Thermochimica Acta</i> , 2016, 637, 132-142. | 1.2 | 33 |
| 9 | An experimental study of flow patterns pertinent to waxy crude oil-water two-phase flows. <i>Chemical Engineering Science</i> , 2017, 164, 313-332. | 1.9 | 32 |
| 10 | Transport and aggregation of Al ₂ O ₃ nanoparticles through saturated limestone under high ionic strength conditions: measurements and mechanisms. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1. | 0.8 | 15 |
| 11 | Mixture temperature prediction of waxy oil-water two-phase system flowing near wax appearance temperature. <i>Chinese Journal of Chemical Engineering</i> , 2016, 24, 795-802. | 1.7 | 4 |
| 12 | Cuttings Transport In Horizontal And Highly Deviated Wellbores. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2012, 54, 10-15. | 0.3 | 1 |
| 13 | A Three-Dimensional Finite-Element Model in ABAQUS to Analyze Wellbore Instability and Determine Mud Weight Window. <i>Energies</i> , 2022, 15, 3449. | 1.6 | 1 |
| 14 | The Effect Of Matrix Acidizing On The Compressive Strength Of Sandstone Formation. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2012, , . | 0.3 | 0 |