Ali Piroozian

List of Publications by Year
in descending order

14	710	933264 10	1125617 13
papers	citations	h-index	g-index

14	14	14	739
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Three-Dimensional Finite-Element Model in ABAQUS to Analyze Wellbore Instability and Determine Mud Weight Window. Energies, 2022, 15, 3449.	1.6	1
2	A mechanistic understanding of the water-in-heavy oil emulsion viscosity variation: effect of asphaltene and wax migration. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 608, 125604.	2.3	34
3	Experimental investigation of rheological and filtration properties of water-based drilling fluids in presence of various nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 555, 256-263.	2.3	90
4	An experimental study of flow patterns pertinent to waxy crude oil-water two-phase flows. Chemical Engineering Science, 2017, 164, 313-332.	1.9	32
5	Effect of emulsified water on the wax appearance temperature of water-in-waxy-crude-oil emulsions. Thermochimica Acta, 2016, 637, 132-142.	1.2	33
6	Mixture temperature prediction of waxy oilâ€“water two-phase system flowing near wax appearance temperature. Chinese Journal of Chemical Engineering, 2016, 24, 795-802.	1.7	4
7	Experimental investigation of oilâ€“water two-phase flow in horizontal pipes: Pressure losses, liquid holdup and flow patterns. Journal of Petroleum Science and Engineering, 2015, 127, 409-420.	2.1	38
8	Review of oilâ€“water through pipes. Flow Measurement and Instrumentation, 2015, 45, 357-374.	1.0	48
9	Effects of Nanoparticle Types on Carbon Dioxide Foam Flooding in Enhanced Oil Recovery. Petroleum Science and Technology, 2015, 33, 1286-1294.	0.7	58
10	Transport and aggregation of Al2O3 nanoparticles through saturated limestone under high ionic strength conditions: measurements and mechanisms. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	15
11	Impact of Metal Oxide Nanoparticles on Enhanced Oil Recovery from Limestone Media at Several Temperatures. Energy & Fuels, 2014, 28, 6255-6266.	2.5	266
12	Impact of drilling fluid viscosity, velocity and hole inclination on cuttings transport in horizontal and highly deviated wells. Journal of Petroleum Exploration and Production, 2012, 2, 149-156.	1.2	90
13	The Effect Of Matrix Acidizing On The Compressive Strength Of Sandstone Formation. Jurnal Teknologi (Sciences and Engineering), 2012, , .	0.3	0
14	Cuttings Transport In Horizontal And Highly Deviated Wellbores. Jurnal Teknologi (Sciences and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	0.3	1