

Siyamak Moradi

List of Publications by Year in descending order

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17
papers

295
citations

933447

10
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

296
citing authors

#	ARTICLE	IF	CITATIONS
1	Combination of a new natural surfactant and smart water injection for enhanced oil recovery in carbonate rock: Synergic impacts of active ions and natural surfactant concentration. Journal of Petroleum Science and Engineering, 2019, 176, 1-10.	4.2	64
2	Estimation of asphaltene precipitation from titration data: a hybrid support vector regression with harmony search. Neural Computing and Applications, 2015, 26, 789-798.	5.6	43
3	On the application of NiO nanoparticles to mitigate in situ asphaltene deposition in carbonate porous matrix. Applied Nanoscience (Switzerland), 2016, 6, 71-81.	3.1	39
4	Synthesis, Characterization, and Assessment of a CeO ₂ @Nanoclay Nanocomposite for Enhanced Oil Recovery. Nanomaterials, 2020, 10, 2280.	4.1	27
5	Optimized polymer flooding projects via combination of experimental design and reservoir simulation. Petroleum, 2017, 3, 461-469.	2.8	16
6	Experimental Investigation of Dynamic Adsorption-Desorption of New Nonionic Surfactant on Carbonate Rock: Application to Enhanced Oil Recovery. Journal of Energy Resources Technology, Transactions of the ASME, 2017, 139, .	2.3	14
7	Experimental investigation on application of industrial coatings for prevention of asphaltene deposition in the well-string. Journal of Petroleum Science and Engineering, 2019, 181, 106095.	4.2	14
8	Effect of Miscible Nitrogen Injection on Instability, Particle Size Distribution, and Fractal Structure of Asphaltene Aggregates. Journal of Dispersion Science and Technology, 2012, 33, 763-770.	2.4	13
9	Application of population balance equation in modeling of asphaltene particle size distribution and characterization of aggregation mechanisms under miscible gas Injection. Journal of Molecular Liquids, 2017, 232, 207-213.	4.9	13
10	Improving the estimation accuracy of titration-based asphaltene precipitation through power-law committee machine (PLCM) model with alternating conditional expectation (ACE) and support vector regression (SVR) elements. Journal of Petroleum Exploration and Production, 2016, 6, 265-277.	2.4	11
11	Experimental investigation of effect of palmitic acid as inhibitor on particle size of asphaltenes flocs using imaging techniques. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2018, 40, 108-114.	2.3	11
12	Prediction of heavy oil viscosity using a radial basis function neural network. Petroleum Science and Technology, 2016, 34, 1742-1748.	1.5	10
13	Asphaltene precipitation modeling through ACE reaping of scaling equations. Science China Chemistry, 2014, 57, 1774-1780.	8.2	9
14	Drilling fluid loss control via implementing the FMI and DSI logs to protect environment. Modeling Earth Systems and Environment, 2016, 2, 1-10.	3.4	5
15	A model for estimation of permeability and free flowing porosity. Petroleum Science and Technology, 2016, 34, 1872-1879.	1.5	4
16	Determination of Effective Parameters of Gas Injection in Naturally Fractured Reservoirs by Combination of Reservoir Simulation and Design of Experiment Techniques. IOP Conference Series: Earth and Environmental Science, 2019, 221, 012038.	0.3	1
17	Deriving optimal and adaptive nanoparticles-assisted foam solution for enhanced oil recovery applications: an experimental study. Journal of Dispersion Science and Technology, 2023, 44, 819-830.	2.4	1