

Saeid Norouzi-Apourvari

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

425
citations

759233

12
h-index

752698

20
g-index

30
all docs

30
docs citations

30
times ranked

339
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study and modeling of final fracture conductivity during acid fracturing. Journal of Petroleum Science and Engineering, 2022, 208, 109192.	4.2	23
2	Fifty years of experience in rate of penetration management: Managed pressure drilling technology, mechanical specific energy concept, bit management approach and expert systems - A review. Journal of Petroleum Science and Engineering, 2022, 208, 109184.	4.2	11
3	Half a century experience in rate of penetration management: Application of machine learning methods and optimization algorithms - A review. Journal of Petroleum Science and Engineering, 2022, 208, 109575.	4.2	21
4	Insight into the Synergic Effect of Ultrasonic Waves, SDS Surfactant, and Silica Nanoparticles on Wettability Alteration of Carbonate Rocks. Arabian Journal for Science and Engineering, 2022, 47, 11609-11622.	3.0	3
5	On the evaluation of asphaltene adsorption onto dolomite surface: The roles of flow condition, composition of asphaltene, and dolomite size. AEJ - Alexandria Engineering Journal, 2022, 61, 9411-9425.	6.4	8
6	Insight into the Synergic Effect of Partially Hydrolyzed Polyacrylamide and Nanosilica on Sodium Silicate Sealant Gel System for Water Shutoff Applications. Arabian Journal for Science and Engineering, 2022, 47, 12129-12139.	3.0	1
7	Toward mechanistic understanding of wettability alteration in calcite and dolomite rocks: The effects of resin, asphaltene, anionic surfactant, and hydrophilic nano particles. Journal of Molecular Liquids, 2021, 321, 114672.	4.9	27
8	Simulation study of wormhole formation and propagation during matrix acidizing of carbonate reservoirs using a novel in-situ generated hydrochloric acid. Advances in Geo-Energy Research, 2021, 5, 64-74.	6.0	25
9	The Effect of Morphological and Topological Characteristics on Effective Diffusivity and Permeability of Dual-Structural-Scale Synthetic Porous Medium. Transport in Porous Media, 2021, 136, 657-676.	2.6	2
10	A review on half a century of experience in rate of penetration management: Application of analytical, semi-analytical and empirical models. Advances in Geo-Energy Research, 2021, 5, 252-273.	6.0	7
11	Insight into particle detachment in clogging of porous media; a pore scale study using lattice Boltzmann method. Advances in Water Resources, 2021, 151, 103888.	3.8	14
12	The effect of subsurface factors on the performance of nanofluid-assisted enhanced oil recovery: Modeling and sensitivity analysis. Journal of Petroleum Science and Engineering, 2021, 202, 108553.	4.2	1
13	Experimental study and modelling of asphaltene deposition on metal surfaces with superhydrophobic and low sliding angle inner coatings. Scientific Reports, 2021, 11, 16812.	3.3	7
14	Experimental Measurement and Equilibrium Modeling of Adsorption of Asphaltenes from Various Origins onto the Magnetite Surface under Static and Dynamic Conditions. ACS Omega, 2021, 6, 24256-24268.	3.5	10
15	Toward mechanistic understanding of asphaltene adsorption onto quartz surface: The roles of size, concentration, and hydrophobicity of quartz, asphaltene composition, flow condition, and aqueous phase. Journal of Petroleum Science and Engineering, 2021, 205, 108820.	4.2	11
16	Evaluation of asphaltene adsorption on minerals of dolomite and sandstone formations in two and three-phase systems. Advances in Geo-Energy Research, 2021, 5, 39-52.	6.0	23
17	Modeling dew point pressure of gas condensate reservoirs: Comparison of hybrid soft computing approaches, correlations, and thermodynamic models. Journal of Petroleum Science and Engineering, 2020, 184, 106558.	4.2	28
18	Significant effect of compositional grading on SAGD performance in a fractured carbonate heavy oil reservoir. Journal of Petroleum Exploration and Production, 2020, 10, 903-910.	2.4	3

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19	Image-based simulation of formation damage during suspension injection in homogeneous and heterogeneous porous media: The impact of pore-scale characteristics on macroscopic properties. <i>Journal of Petroleum Science and Engineering</i> , 2020, 186, 106786.	4.2	5
20	Experimental study and modeling of asphaltene deposition on metal surfaces via electrodeposition process: The role of ultrasonic radiation, asphaltene concentration and structure. <i>Journal of Petroleum Science and Engineering</i> , 2020, 195, 107734.	4.2	16
21	Experimental study and modeling permeability damage in porous media due to asphaltene deposition. <i>Journal of Petroleum Science and Engineering</i> , 2020, 193, 107396.	4.2	7
22	The effect of formation thickness on the performance of deterministic and machine learning models for rate of penetration management in inclined and horizontal wells. <i>Journal of Petroleum Science and Engineering</i> , 2020, 191, 107160.	4.2	11
23	The effect of magnetic field on stability of conventional and pickering water-in-crude oil emulsions stabilized with fumed silica and iron oxide nanoparticles. <i>Journal of Molecular Liquids</i> , 2020, 314, 113629.	4.9	13
24	Insight into particle retention and clogging in porous media; a pore scale study using lattice Boltzmann method. <i>Advances in Water Resources</i> , 2020, 138, 103530.	3.8	32
25	Wettability alteration of carbonate rocks via magnetic fields application. <i>Journal of Petroleum Science and Engineering</i> , 2019, 172, 280-287.	4.2	13
26	Mechanistic study of improvement of wellbore stability in shale formations using a natural inhibitor. <i>Journal of Petroleum Science and Engineering</i> , 2019, 181, 106222.	4.2	22
27	Static adsorption and interfacial tension of Sodium dodecyl sulfate via magnetic field application. <i>Journal of Petroleum Science and Engineering</i> , 2019, 178, 205-215.	4.2	19
28	A new formulation for lightweight oil well cement slurry using a natural pozzolan. <i>Advances in Geo-Energy Research</i> , 2019, 3, 242-249.	6.0	11
29	Image-based relative permeability upscaling from the pore scale. <i>Advances in Water Resources</i> , 2016, 95, 161-175.	3.8	51