

Azim Kalantariasl

List of Publications by Year in descending order

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papers

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all docs

39
docs citations

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times ranked

389
citing authors

#	ARTICLE	IF	CITATIONS
1	A new comprehensive dimensionless inflow performance relationship for gas wells. Journal of Petroleum Exploration and Production, 2022, 12, 2257-2269.	1.2	1
2	Estimating transition time from deep filtration of particles to external cake during produced water re-injection and disposal. Particulate Science and Technology, 2021, 39, 312-321.	1.1	3
3	Synergistic Effect of Nanoparticles and Polymers on the Rheological Properties of Injection Fluids: Implications for Enhanced Oil Recovery. Energy & Fuels, 2021, 35, 6125-6135.	2.5	51
4	Experimental Study of the Effect of Clay and Oil Polarity on Oil Recovery by Low Salinity Water Flooding Using Glass Micromodel. Natural Resources Research, 2021, 30, 3695-3716.	2.2	7
5	Micro-proppant placement in hydraulic and natural fracture stimulation in unconventional reservoirs: A review. Energy Reports, 2021, 7, 8997-9022.	2.5	32
6	Assessment of Empirical Pressure–Volume–Temperature Correlations in Gas Condensate Reservoir Fluids: Case Studies. Natural Resources Research, 2020, 29, 1857-1874.	2.2	3
7	Propensity of gypsum precipitation using surface energy approach. Journal of Molecular Liquids, 2020, 300, 112320.	2.3	25
8	Fines migration and permeability decline during reservoir depletion coupled with clay swelling due to low-salinity water injection: An analytical study. Journal of Petroleum Science and Engineering, 2020, 194, 107448.	2.1	37
9	Evaluation of mechanical, chemical, and thermal effects on wellbore stability using different rock failure criteria. Journal of Natural Gas Science and Engineering, 2020, 78, 103276.	2.1	21
10	Gypsum-brine-dolomite interfacial interactions in the presence of scale inhibitor. Chemical Engineering Science, 2020, 222, 115718.	1.9	20
11	Performance of carbonate calcium nanoparticles as filtration loss control agent of water-based drilling fluid. SN Applied Sciences, 2019, 1, 1.	1.5	23
12	Geochemical and hydrodynamic modeling of permeability impairment due to composite scale formation in porous media. Journal of Petroleum Science and Engineering, 2019, 176, 1071-1081.	2.1	30
13	A coupled geochemical and fluid flow model to simulate permeability decline resulting from scale formation in porous media. Applied Geochemistry, 2019, 107, 131-141.	1.4	22
14	Improvement of rheological, filtration and thermal conductivity of bentonite drilling fluid using copper oxide/polyacrylamide nanocomposite. Powder Technology, 2019, 353, 257-266.	2.1	58
15	Produced Water Re-Injection and Disposal in Low Permeable Reservoirs. Journal of Energy Resources Technology, Transactions of the ASME, 2019, 141, .	1.4	7
16	Improvement in filtration properties of water-based drilling fluid by nanocarboxymethyl cellulose/polystyrene core–shell nanocomposite. Journal of Petroleum Exploration and Production, 2018, 8, 445-454.	1.2	42
17	Investigating the relative impact of key reservoir parameters on performance of coalbed methane reservoirs by an efficient statistical approach. Journal of Natural Gas Science and Engineering, 2018, 53, 416-428.	2.1	26
18	Modified Particle Retention Model Under Effective Stress Influence due to Reservoir Depletion. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
19	An Empirical Correlation for Estimation of Transition Time Between Deep Bed Filtration of Particles and External Filter. , 2018, , .		0
20	A simulation investigation of performance of polymer injection in hydraulically fractured heterogeneous reservoirs. Journal of Petroleum Exploration and Production, 2017, 7, 813-820.	1.2	2
21	Injectivity Impairment During Produced Water Disposal into Low-Permeability VÅrllkensen Aquifer (Compressibility and Reservoir Boundary Effects). , 2016, , .		1
22	A New Correlation for Prediction of Critical Two-phase Flow through Wellhead Chokes. , 2016, , .		1
23	Performance of Polymer Injection in Hydraulically Fractured Heterogeneous Reservoirs - A Simulation Approach. , 2016, , .		0
24	Formation Damage due to Drilling and Well Completion: External Cake Formation and Stabilisation. , 2015, , .		3
25	Formation Damage due to Drilling and Well Completion: External Cake Formation and Stabilisation (Russian). , 2015, , .		0
26	Injectivity during PWRI and Disposal in Thick Low Permeable Formations (Laboratory and Mathematical) Tj ETQq0 0 0 rgBT /Overlock 10		5
27	Mathematical Modelling of Non-Uniform External Cake Profile in Long Injection Wells. , 2015, , .		4
28	Choke Performance in High-rate Gas Condensate Wells Under Subcritical Flow Condition. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2015, 37, 192-199.	1.2	7
29	Analysis and Comparison of Decline Models: A Field Case Study of a Naturally Fractured Gas Condensate Reservoir. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2015, 37, 392-400.	1.2	4
30	Nonuniform External Filter Cake in Long Injection Wells. Industrial & Engineering Chemistry Research, 2015, 54, 3051-3061.	1.8	39
31	Production Data Analysis of Horizontal Wells Using Vertical Well Decline Models, a Field Case Study of an Oil Field. Petroleum Science and Technology, 2014, 32, 418-425.	0.7	2
32	Stabilization of External Filter Cake by Colloidal Forces in a "Well" Reservoir System. Industrial & Engineering Chemistry Research, 2014, 53, 930-944.	1.8	53
33	Axi-Symmetric Two-Phase Suspension-Colloidal Flow in Porous Media during Water Injection. Industrial & Engineering Chemistry Research, 2014, 53, 15763-15775.	1.8	31
34	External Filter Cake Buildup in Dynamic Filtration: Mechanisms and Key Factors. , 2014, , .		10
35	Modelling of external filter cake profile along the well during drilling. APPEA Journal, 2014, 54, 319.	0.4	2
36	Type Curves for Injectivity Decline. , 2013, , .		4

#	ARTICLE	IF	CITATIONS
37	On the Accuracy of Dimensionless Inflow Performance Relationships for Gas wells. , 2013, , .		2
38	Two-Phase Flow Choke Performance in High Rate Gas Condensate Wells. , 2011, , .		11