

Mohammad Sayyafzadeh

List of Publications by Year in descending order

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papers

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39
docs citations

39
times ranked

431
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Rank-Based Selection of Geological Realizations for Optimum Field Development Planning. SPE Journal, 2022, , 1-18.	3.1	2
2	A study of simulation-based surrogates in well-placement optimization for hydrocarbon production. Journal of Petroleum Science and Engineering, 2022, , 110639.	4.2	2
3	Bilevel Optimization of Well Placement and Control Settings Assisted by Capacitance-Resistance Models. SPE Journal, 2022, , 1-20.	3.1	3
4	Stress and permeability modelling in depleted coal seams during CO2 storage. Fuel, 2022, 325, 124958.	6.4	4
5	A fractal approach for surface roughness analysis of laboratory hydraulic fracture. Journal of Natural Gas Science and Engineering, 2021, 85, 103703.	4.4	18
6	Pressure-Transient Analysis for Cold-Water Injection into a Reservoir Coupled with Wellbore-Transient-Temperature Effects. SPE Production and Operations, 2021, 36, 197-215.	0.6	0
7	Analytical Rate-Transient Analysis and Production Performance of Waterflooded Fields with Delayed Injection Support. SPE Reservoir Evaluation and Engineering, 2021, , 1-23.	1.8	1
8	Stress distribution and permeability modelling in coalbed methane reservoirs by considering desorption radius expansion. Fuel, 2021, 289, 119951.	6.4	8
9	Well controls and placement optimisation using response-fed and judgement-aided parameterisation: Olympus optimisation challenge. Computational Geosciences, 2020, 24, 2001-2025.	2.4	8
10	An accelerated gradient algorithm for well control optimization. Journal of Petroleum Science and Engineering, 2020, 190, 106872.	4.2	13
11	Effect of matrix shrinkage on wellbore stresses in coal seam gas: An example from Bowen Basin, east Australia. Journal of Natural Gas Science and Engineering, 2020, 77, 103280.	4.4	11
12	Analytical modelling of coal failure in coal seam gas reservoirs in different stress regimes. International Journal of Rock Mechanics and Minings Sciences, 2020, 128, 104259.	5.8	12
13	Evolution strategy algorithm in well placement, trajectory, control and joint optimisation. Journal of Petroleum Science and Engineering, 2019, 177, 1042-1058.	4.2	18
14	Productivity determination for cyclic production using steady state harmonic theory – Application to artificial lift wells. Journal of Petroleum Science and Engineering, 2019, 172, 787-805.	4.2	1
15	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.	4.4	26
16	Rock typing and facies identification using fractal theory and conventional petrophysical logs. APPEA Journal, 2018, 58, 102.	0.2	1
17	An experimental investigation into surface roughness of a hydraulic fracture. APPEA Journal, 2018, 58, 728.	0.2	3
18	Enhanced Gas Recovery Techniques From Coalbed Methane Reservoirs. , 2018, , 233-268.		7

#	ARTICLE	IF	CITATIONS
19	Low permeability coal seam gas productivity enhancement by cyclic nitrogen injection technique (an) Tj ETQq1 1 0,784314 rgBT /Over	0.2	14
20	Effect of maceral composition and coal rank on gas diffusion in Australian coals. International Journal of Coal Geology, 2017, 173, 65-75.	5.0	102
21	Reducing the computation time of well placement optimisation problems using self-adaptive metamodelling. Journal of Petroleum Science and Engineering, 2017, 151, 143-158.	4.2	41
22	Optimisation of gas mixture injection for enhanced coalbed methane recovery using a parallel genetic algorithm. Journal of Natural Gas Science and Engineering, 2016, 33, 942-953.	4.4	39
23	Pressure and rate transient analysis of artificially lifted drawdown tests using cyclic Pump Off Controllers. Journal of Petroleum Science and Engineering, 2016, 139, 240-253.	4.2	7
24	A Cooper Basin simulation study of flow-back after hydraulic fracturing in tight gas wells. APPEA Journal, 2016, 56, 369.	0.2	1
25	Investigation of varying-composition gas injection for coalbed methane recovery enhancement: A simulation-based study. Journal of Natural Gas Science and Engineering, 2015, 27, 1205-1212.	4.4	54
26	History Matching by Online Metamodeling. , 2015, , .		6
27	A Self-Adaptive Surrogate-Assisted Evolutionary Algorithm for Well Placement Optimization Problems. , 2015, , .		8
28	A Fast Simulator for Hydrocarbon Reservoirs During Gas Injection. Petroleum Science and Technology, 2014, 32, 2434-2442.	1.5	0
29	Identification of potential locations for well placement in developed coalbed methane reservoirs. International Journal of Coal Geology, 2014, 131, 250-262.	5.0	22
30	Infill well placement optimization in coal bed methane reservoirs using genetic algorithm. Fuel, 2013, 111, 248-258.	6.4	56
31	High-Resolution Reservoir Modeling Using Image Fusion Technique in History Matching Problems. , 2013, , .		0
32	An assessment of different model-management techniques in history-matching problems for reservoir modelling. APPEA Journal, 2013, 53, 391.	0.2	0
33	Optimisation and economical evaluation of infill drilling in CSG reservoirs using a multi-objective genetic algorithm. APPEA Journal, 2013, 53, 381.	0.2	1
34	Regularization in History Matching Using Multi-Objective Genetic Algorithm and Bayesian Framework. , 2012, , .		21
35	Reservoir characterisation using artificial bee colony optimisation. APPEA Journal, 2012, 52, 115.	0.2	2
36	A Novel Method to Model Water-Flooding via Transfer Function Approach. , 2011, , .		3

#	ARTICLE	IF	CITATIONS
37	A New Method to Forecast Reservoir Performance during Immiscible and Miscible Gas-Flooding via Transfer Functions Approach. , 2011, , .		1
38	Application of transfer functions to model water injection in hydrocarbon reservoir. Journal of Petroleum Science and Engineering, 2011, 78, 139-148.	4.2	16
39	An adaptive moment estimation framework for well placement optimization. Computational Geosciences, 0, , 1.	2.4	6