Hamidreza Hamdi

List of Publications by Year
in descending order

23 papers	345 citations	933447 10 h-index	888059 17 g-index
24 all docs	24 docs citations	24 times ranked	133 citing authors

#	Article	IF	Citations
1	Optimizing the Huff â€˜nâ€™ Puff Gas Injection Performance in Shale Reservoirs Considering the Uncertainty: A Duvernay Shale Example. SPE Reservoir Evaluation and Engineering, 2021, 24, 219-237.	1.8	7
2	Analysis of Production Data from Communicating Multifractured Horizontal Wells Using the Dynamic Drainage Area Concept. SPE Reservoir Evaluation and Engineering, 2021, 24, 495-513.	1.8	8
3	Experimental and computational evaluation of cyclic solvent injection in fractured tight hydrocarbon reservoirs. Scientific Reports, 2021, 11, 9497.	3.3	13
4	A Semianalytical Approach for Analysis of Wells Exhibiting Multiphase Transient Linear Flow: Application to Field Data. SPE Journal, 2020, 25, 3265-3279.	3.1	10
5	Importance of Multiple-Contact and Swelling Tests for Huff-n-Puff Simulations: A Montney Shale Example. , 2020, , .		5
6	A Bayesian Approach for Optimizing the Huff-n-Puff Gas Injection Performance in Shale Reservoirs Under Parametric Uncertainty: A Duvernay Shale Example. , 2019, , .		6
7	A semi-analytical approach for analysis of the transient linear flow regime in tight reservoirs under three-phase flow conditions. Journal of Natural Gas Science and Engineering, 2018, 54, 283-296.	4.4	22
8	Analytical modeling of linear flow with variable permeability distribution in tight and shale reservoirs. Journal of Natural Gas Science and Engineering, 2018, 50, 325-338.	4.4	10
9	Geologically Consistent History Matching of SAGD Process Using Probability Perturbation Method. , 2018, , .		0
10	Reservoir and fluid characterization of a tight gas condensate well in the Montney Formation using recombination of separator samples and black oil history matching. Journal of Natural Gas Science and Engineering, 2018, 49, 227-240.	4.4	10
11	Analytical modeling of linear flow in single-phase tight oil and tight gas reservoirs. Journal of Petroleum Science and Engineering, 2018, 171, 1084-1098.	4.2	24
12	Gaussian Processes for history-matching: application to an unconventional gas reservoir. Computational Geosciences, 2017, 21, 267-287.	2.4	34
13	Production data analysis of gas condensate reservoirs using two-phase viscosity and two-phase compressibility. Journal of Natural Gas Science and Engineering, 2017, 47, 47-58.	4.4	20
14	A Novel Method for Performance Analysis of Compartmentalized Reservoirs. Oil and Gas Science and Technology, 2016, 71, 38.	1.4	7
15	Calibrating Multi-Point Geostatistical Models Using Pressure Transient Data. , 2016, , .		2
16	Population-based sampling methods for geological well testing. Computational Geosciences, 2015, 19, 1089-1107.	2.4	11
17	Gaussian Process for Uncertainty Quantification of Reservoir Models. , 2015, , .		6
18	Using differential evolution for compositional history-matching of a tight gas condensate well in the Montney Formation in western Canada. Journal of Natural Gas Science and Engineering, 2015, 26, 1317-1331.	4.4	18

#	Article	IF	Citations
19	Production data analysis of tight gas condensate reservoirs. Journal of Natural Gas Science and Engineering, 2015, 22, 22-34.	4.4	61
20	Using geological well testing for improving the selection of appropriate reservoir models. Petroleum Geoscience, 2014, 20, 353-368.	1.5	17
21	Well-test response in stochastic permeable media. Journal of Petroleum Science and Engineering, 2014, 119, 169-184.	4.2	20
22	Layered fluvial reservoirs with internal fluid cross flow: a well-connected family of well test pressure transient responses. Petroleum Geoscience, 2012, 18, 219-229.	1.5	31
23	Huff-n-Puff (HNP) design for shale reservoirs using local dual-porosity, dual-permeability compositional simulation. Computational Geosciences, 0, , 1.	2.4	3