Hoonyoung Jeong

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7370421/publications.pdf

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22	508	687363 13	713466 21
papers	citations	h-index	g-index

22	22	22	395
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optimization of Well Operations in a Carbonate Reservoir Using Stochastic Simplex Approximate Gradient. Journal of the Korean Society of Mineral and Energy Resources Engineers, 2021, 58, 119-129.	0.4	1
2	Efficient deep-learning-based history matching for fluvial channel reservoirs. Journal of Petroleum Science and Engineering, 2021, , 109247.	4.2	13
3	Analysis of Data Disclosure and Reservoir Model of the Volve Oilfield in the North Sea. Journal of the Korean Society of Mineral and Energy Resources Engineers, 2021, 58, 353-363.	0.4	1
4	Sequential short-term optimization of gas lift using linear programming: A case study of a mature oil field in Russia. Journal of Petroleum Science and Engineering, 2021, 205, 108767.	4.2	6
5	Characterization of three-dimensional channel reservoirs using ensemble Kalman filter assisted by principal component analysis. Petroleum Science, 2020, 17, 182-195.	4.9	18
6	Buoyant and countercurrent flow of CO2 with capillary dispersion. Journal of Petroleum Science and Engineering, 2020, 195, 107922.	4.2	2
7	Efficient Ensemble-Based Stochastic Gradient Methods for Optimization Under Geological Uncertainty. Frontiers in Earth Science, 2020, 8, .	1.8	4
8	Development of ensemble smootherâ€“neural network and its application to history matching of channelized reservoirs. Journal of Petroleum Science and Engineering, 2020, 191, 107159.	4.2	13
9	Use of Channel Information Update and Discrete Cosine Transform in Ensemble Smoother for Channel Reservoir Characterization. Journal of Energy Resources Technology, Transactions of the ASME, 2020, 142, .	2.3	4
10	Predicting CO₂ Plume Migration in Heterogeneous Formations Using Conditional Deep Convolutional Generative Adversarial Network. Water Resources Research, 2019, 55, 5830-5851.	4.2	105
11	Building complex event processing capability for intelligent environmental monitoring. Environmental Modelling and Software, 2019, 116, 1-6.	4.5	27
12	Cost-optimal design of pressure-based monitoring networks for carbon sequestration projects, with consideration of geological uncertainty. International Journal of Greenhouse Gas Control, 2018, 71, 278-292.	4.6	17
13	Metamodeling-based approach for risk assessment and cost estimation: Application to geological carbon sequestration planning. Computers and Geosciences, 2018, 113, 70-80.	4.2	21
14	Fast evaluation of well placements in heterogeneous reservoir models using machine learning. Journal of Petroleum Science and Engineering, 2018, 163, 463-475.	4.2	96
15	Integration of an Iterative Update of Sparse Geologic Dictionaries with ES-MDA for History Matching of Channelized Reservoirs. Geofluids, 2018, 2018, 1-21.	0.7	15
16	Influence of injection strategies on local capillary trapping during geological carbon sequestration in saline aquifers. Journal of CO2 Utilization, 2018, 27, 441-449.	6.8	16
17	Utilization of multiobjective optimization for pulse testing dataset from a CO2-EOR/sequestration field. Journal of Petroleum Science and Engineering, 2018, 170, 244-266.	4.2	13
18	A learning-based data-driven forecast approach for predicting future reservoir performance. Advances in Water Resources, 2018, 118, 95-109.	3.8	51

#	Article	IF	Citations
19	Fast selection of geologic models honoring CO2 plume monitoring data using Hausdorff distance and scaled connectivity analysis. International Journal of Greenhouse Gas Control, 2017, 59, 40-57.	4.6	10
20	Fast assessment of CO2 plume characteristics using a connectivity based proxy. International Journal of Greenhouse Gas Control, 2016, 49, 387-412.	4.6	18
21	Characterization of Channelized Reservoir Using Ensemble Kalman Filter with Clustered Covariance. Energy Exploration and Exploitation, 2013, 31, 17-29.	2.3	27
22	Improvement of Ensemble Smoother with Clustered Covariance for Channelized Reservoirs. Energy Exploration and Exploitation, 2013, 31, 713-726.	2.3	30