Hochang Jang

List of Publications by Year
in descending order

14 papers	257 citations	1163117 8 h-index	1125743 13 g-index
14 all docs	14 docs citations	14 times ranked	324 citing authors

#	Article	IF	Citations
1	The effect of organic matter quantity and mineral composition on the adsorption capacity in the shales. Seogyu Jijil Toejeok Hakoeji, 2020, 2, 11-23.	0.0	0
2	Rheological characteristics of non-Newtonian GPTMS-SiO2 nanofluids. International Communications in Heat and Mass Transfer, 2019, 106, 38-45.	5.6	18
3	Prediction of production performance by comprehensive methodology for hydraulically fractured well in coalbed methane reservoirs. International Journal of Oil, Gas and Coal Technology, 2019, 20, 143.	0.2	4
4	Nanoparticle dispersion with surface-modified silica nanoparticles and its effect on the wettability alteration of carbonate rocks. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 554, 261-271.	4.7	37
5	Diagnostic plot model to evaluate injection performance in polymer EOR process. Journal of Petroleum Science and Engineering, 2017, 148, 73-81.	4.2	3
6	Prediction of storage efficiency on CO2 sequestration in deep saline aquifers using artificial neural network. Applied Energy, 2017, 185, 916-928.	10.1	92
7	Adsorption characteristics of the shale matrix in Mancos and Eagle Ford basins, USA. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2016, 38, 2336-2342.	2.3	2
8	Novel apparatus to measure the low-permeability and porosity in tight gas reservoir. Journal of Petroleum Science and Engineering, 2016, 142, 1-12.	4.2	15
9	Diffusion characteristics of nanoscale gas flow in shale matrix from Haenam basin, Korea. Environmental Earth Sciences, 2016, 75, 1.	2.7	21
10	Effect of Fracture Design Parameters on the Well Performance in a Hydraulically Fractured Shale Gas Reservoir. Energy Exploration and Exploitation, 2015, 33, 157-168.	2.3	8
11	Experimental investigation on the characteristics of gas diffusion in shale gas reservoir using porosity and permeability of nanopore scale. Journal of Petroleum Science and Engineering, 2015, 133, 226-237.	4.2	37
12	Experimental apparatus and method to investigate permeability and porosity of shale matrix from Haenam Basin in Korea. Environmental Earth Sciences, 2015, 74, 3333-3343.	2.7	9
13	Experimental and numerical study on the effects of surfactant as drag reducing agent in paraffin wax oil pipeline. Korean Journal of Chemical Engineering, 2015, 32, 390-396.	2.7	3
14	Development and Application of the Artificial Neural Network Based Technical Screening Guide System to Select Production Methods in a Coalbed Methane Reservoir. Energy Exploration and Exploitation, 2014, 32, 791-804.	2.3	8