

Hochang Jang

List of Publications by Year in descending order

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14
papers

257
citations

1163117

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1125743

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docs citations

14
times ranked

324
citing authors

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