Akbar shahsavand

List of Publications by Year
in descending order

9 papers	99 citations	1478505 6 h-index	1474206 9 g-index
9 all docs	9 docs citations	9 times ranked	90 citing authors

#	Article	IF	Citations
1	Dynamic simulation and experimental performance of an adsorbed natural gas system under variable charging conditions. Applied Thermal Engineering, 2022, 206, 118067.	6.0	4
2	Experimental and simulation study of the effect of surface functional groups decoration on CH4 and H2 storage capacity of microporous carbons. Applied Surface Science, 2020, 533, 147487.	6.1	18
3	Comparative Study between Regression and Soft Computing Models to Maximize the Methane Storage Capacity of Anthracite-Based Adsorbents. Industrial & Engineering Chemistry Research, 2020, 59, 1875-1887.	3.7	8
4	Application of Population Balance Theory for Dynamic Modeling of Methane and Ethane Hydrate Formation Processes. Energy & Fuels, 2018, 32, 8131-8144.	5.1	4
5	Reliable estimation of adsorption isotherm parameters using adequate pore size distribution. Korean Journal of Chemical Engineering, 2015, 32, 925-933.	2.7	1
6	Optimal Selection of Supersonic Separators Inlet Velocity Components via Maximization of Swirl Strength and Centrifugal Acceleration. Separation Science and Technology, 2015, 50, 752-759.	2.5	27
7	Predictions of wet natural gases condensation rates via multi-component and multi-phase simulation of supersonic separators. Korean Journal of Chemical Engineering, 2014, 31, 1845-1858.	2.7	16
8	Reliable modeling of discharge process for adsorbed natural gas storage tanks. Korean Journal of Chemical Engineering, 2014, 31, 1994-2002.	2.7	7
9	Microwave-Assisted Oxidative Desulfurization of Sour Natural Gas Condensate via Combination of Sulfuric and Nitric Acids. Energy & Fuels, 2014, 28, 825-831.	5.1	14