

# Akbar shahsavand

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	Experimental and simulation study of the effect of surface functional groups decoration on CH <sub>4</sub> and H <sub>2</sub> storage capacity of microporous carbons. Applied Surface Science, 2020, 533, 147487.	6.1	18
3	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
4	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
5	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
6	Reliable modeling of discharge process for adsorbed natural gas storage tanks. Korean Journal of Chemical Engineering, 2014, 31, 1994-2002.	2.7	7
7	Application of Population Balance Theory for Dynamic Modeling of Methane and Ethane Hydrate Formation Processes. Energy & Fuels, 2018, 32, 8131-8144.	5.1	4
8	Dynamic simulation and experimental performance of an adsorbed natural gas system under variable charging conditions. Applied Thermal Engineering, 2022, 206, 118067.	6.0	4
9	Reliable estimation of adsorption isotherm parameters using adequate pore size distribution. Korean Journal of Chemical Engineering, 2015, 32, 925-933.	2.7	1