

# Khalik Bin Mohamad Sabil

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

499  
citations

840776

11  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

407  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review the impact of nanoparticles on the thermodynamics and kinetics of gas hydrate formation. Journal of Natural Gas Science and Engineering, 2018, 55, 452-465.	4.4	127
2	Phase equilibria in ternary (carbon dioxide+tetrahydrofuran+water) system in hydrate-forming region: Effects of carbon dioxide concentration and the occurrence of pseudo-retrograde hydrate phenomenon. Journal of Chemical Thermodynamics, 2010, 42, 8-16.	2.0	53
3	Mean induction time and isothermal kinetic analysis of methane hydrate formation in water and imidazolium based ionic liquid solutions. Journal of Chemical Thermodynamics, 2018, 117, 147-154.	2.0	49
4	Production of gas hydrate in a semi-batch spray reactor process as a means for separation of carbon dioxide from methane. Chemical Engineering Research and Design, 2018, 138, 168-175.	5.6	44
5	Impact of acetone on phase boundary of methane and carbon dioxide mixed hydrates. Fluid Phase Equilibria, 2016, 412, 51-56.	2.5	40
6	Recent advances on carbon dioxide capture through a hydrate-based gas separation process. Current Opinion in Green and Sustainable Chemistry, 2018, 11, 22-26.	5.9	39
7	Hydrate Dissociation Condition Measurement of CO <sub>2</sub> -Rich Mixed Gas in the Presence of Methanol/Ethylene Glycol and Mixed Methanol/Ethylene Glycol + Electrolyte Aqueous Solution. Journal of Chemical & Engineering Data, 2014, 59, 3920-3926.	1.9	33
8	Catastrophic Crystal Growth of Clathrate Hydrate with a Simulated Natural Gas System during a Pipeline Shut-In Condition. Crystal Growth and Design, 2015, 15, 1233-1241.	3.0	26
9	Gas Hydrate Equilibrium Measurement of Methane + Carbon Dioxide + Tetrahydrofuran+ Water System at High CO <sub>2</sub> Concentrations. Procedia Engineering, 2016, 148, 1220-1224.	1.2	24
10	Experimental Investigation on the Effectiveness of 1-Butyl-3-methylimidazolium Perchlorate Ionic Liquid as a Reducing Agent for Heavy Oil Upgrading. Industrial & Engineering Chemistry Research, 2014, 53, 8279-8284.	3.7	22
11	Kinematic Study of Methane Hydrate Formation and Self-Preservation in the Presence of Functionalized Carbon Nanotubes. Energy & Fuels, 2019, 33, 7684-7695.	5.1	14
12	Investigating the effect of silver nanoparticles on carbon dioxide hydrates formation. IOP Conference Series: Materials Science and Engineering, 2018, 458, 012058.	0.6	12
13	Selective Separation of Methane from Carbon Dioxide through sll Hydrates Formation in a Semibatch Process. Industrial & Engineering Chemistry Research, 2019, 58, 16834-16842.	3.7	12
14	CO <sub>2</sub> Sorption on Mesoporous Solids: Effect of Temperature and Water Content. Journal of Chemical & Engineering Data, 2017, 62, 456-462.	1.9	3
15	Effect of Water Saturation on Relative Permeability and Porosity in Hydrate Bearing Sand. , 2016, , .		1
16	Modelling of solubility of mercaptans in water at low concentrations. AIP Conference Proceedings, 2019, , .	0.4	0