

Matthew A Clarke

List of Publications by Year in descending order

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13
papers

501
citations

933447

10
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

409
citing authors

#	ARTICLE	IF	CITATIONS
1	Extension of the electrolyte $\langle \text{scp} \rangle$ Trebble $\langle \text{Bishnoi EOS} \rangle$ to mixed salt systems, and application to vapour liquid and solid (hydrate) vapour liquid equilibrium calculations. Canadian Journal of Chemical Engineering, 2023, 101, 606-622.	1.7	3
2	Cannabis as a Feedstock for the Production of Chemicals, Fuels, and Materials: A Review of Relevant Studies To Date. Energy & Fuels, 2021, 35, 5538-5557.	5.1	8
3	Hydrate Phase Transition Kinetic Modeling for Nature and Industry $\langle \text{Where Are We and Where Do We Go?} \rangle$. Energies, 2021, 14, 4149.	3.1	10
4	Hydrotreating of Hydrofractionated biocrude in the presence of presulfided commercial catalysts. Sustainable Energy and Fuels, 2019, 3, 744-759.	4.9	22
5	Sensitivity Analysis of Parameters Governing the Recovery of Methane from Natural Gas Hydrate Reservoirs. Energies, 2014, 7, 2148-2176.	3.1	15
6	A short note on the use of an equation of state (EOS) based approach to modelling the thermodynamics of biodiesel systems. Fuel Processing Technology, 2014, 121, 70-75.	7.2	3
7	Investigation of the Variation of the Surface Area of Gas Hydrates during Dissociation by Depressurization in Porous Media. Energy & Fuels, 2013, 27, 5757-5769.	5.1	24
8	Stoichiometric Approach toward Modeling the Decomposition Kinetics of Gas Hydrates Formed from Mixed Gases. Energy & Fuels, 2013, 27, 4534-4544.	5.1	14
9	A Simplified Approach to Modeling the Rate of Formation of Gas Hydrates Formed from Mixtures of Gases. Energy & Fuels, 2013, 27, 1204-1211.	5.1	17
10	Experimental Investigation of Methane Hydrates Equilibrium Condition in the Presence of KNO_3 , MgSO_4 , and CuSO_4 . Journal of Chemical & Engineering Data, 2010, 55, 262-266.	1.9	17
11	Determination of the activation energy and intrinsic rate constant of methane gas hydrate decomposition. Canadian Journal of Chemical Engineering, 2001, 79, 143-147.	1.7	223
12	Determination of the Intrinsic Rate of Gas Hydrate Decomposition Using Particle Size Analysis. Annals of the New York Academy of Sciences, 2000, 912, 556-563.	3.8	17
13	A Method To Predict Equilibrium Conditions of Gas Hydrate Formation in Porous Media. Industrial & Engineering Chemistry Research, 1999, 38, 2485-2490.	3.7	125