

Yue Nan

List of Publications by Year in descending order

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17
papers

463
citations

758635

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887659

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all docs

18
docs citations

18
times ranked

545
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of biodiesel from microalgae oil (<i>Chlorella protothecoides</i>) by non-catalytic transesterification in supercritical methanol and ethanol: Process optimization. <i>Journal of Supercritical Fluids</i> , 2015, 97, 174-182.	1.6	102
2	Adsorption of iodine on hydrogen-reduced silver-exchanged mordenite: Experiments and modeling. <i>AIChE Journal</i> , 2017, 63, 1024-1035.	1.8	69
3	Isotherms for Water Adsorption on Molecular Sieve 3A: Influence of Cation Composition. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 10442-10448.	1.8	43
4	X-ray Absorption Spectroscopy Investigation of Iodine Capture by Silver-Exchanged Mordenite. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 4837-4846.	1.8	32
5	Production of biodiesel from microalgae oil (<i>Chlorella protothecoides</i>) by non-catalytic transesterification: Evaluation of reaction kinetic models and phase behavior. <i>Journal of Supercritical Fluids</i> , 2015, 99, 38-50.	1.6	30
6	Kinetics of Water Vapor Adsorption on Single-Layer Molecular Sieve 3A: Experiments and Modeling. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 16015-16024.	1.8	25
7	Capture of Iodine from Nuclear-Fuel-Reprocessing Off-Gas: Influence of Aging on a Reduced Silver Mordenite Adsorbent after Exposure to NO/NO ₂ . <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 49680-49693.	4.0	24
8	Continuous production of ethanol-based biodiesel under subcritical conditions employing trace amount of homogeneous catalysts. <i>Fuel</i> , 2017, 193, 187-196.	3.4	22
9	Thermal decomposition of ethanol-based biodiesel: Mechanism, kinetics, and effect on viscosity and cold flow property. <i>Fuel</i> , 2016, 178, 23-36.	3.4	19
10	Continuous esterification of oleic acid to ethyl oleate under sub/supercritical conditions over γ -Al ₂ O ₃ . <i>Applied Catalysis B: Environmental</i> , 2018, 232, 155-163.	10.8	19
11	Adsorption of methyl iodide on reduced silver-functionalized silica aerogel: Kinetics and modeling. <i>AIChE Journal</i> , 2021, 67, e17137.	1.8	15
12	Adsorption Equilibrium and Modeling of Water Vapor on Reduced and Unreduced Silver-Exchanged Mordenite. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 8095-8102.	1.8	14
13	Kinetics of aging process on reduced Ag exchanged mordenite in dry air and humid air. <i>AIChE Journal</i> , 2021, 67, e17182.	1.8	14
14	Silver-Exchanged Mordenite for Capture of Water Vapor in Off-Gas Streams: A Study of Adsorption Kinetics. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 1048-1058.	1.8	13
15	Removal of sulphur from model gasoline by CuAgY zeolite: equilibrium, thermodynamics and kinetics. <i>RSC Advances</i> , 2017, 7, 51528-51537.	1.7	9
16	A mechanistic modeling framework for gas-phase adsorption kinetics and fixed-bed transport. <i>AIChE Journal</i> , 2017, 63, 5029-5043.	1.8	8
17	Aging kinetics on silver-functionalized silica aerogel in off-gas streams including dry air, humid air, NO and NO ₂ . <i>Chemical Engineering Journal Advances</i> , 2021, 8, 100191.	2.4	3