

Tiantian Jiao

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

736
citations

759233

12
h-index

713466

21
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21
all docs

21
docs citations

21
times ranked

747
citing authors

#	ARTICLE	IF	CITATIONS
1	The extraction mechanism research for the separation of indole through the formation of deep eutectic solvents with quaternary ammonium salts. <i>Journal of Molecular Liquids</i> , 2022, 347, 118325.	4.9	21
2	Influence of Solid Heat Carriers on Mercury Migration Characteristics in Coal Pyrolysis/Circulating Fluidized Bed Combustion-Staged Conversion Process. <i>Energy & Fuels</i> , 2021, 35, 2485-2492.	5.1	4
3	Facile synthesis of Pt@Ce _{0.63} Zr _{0.37} O ₂ -Y catalysts and the application in catalytic oxidation of toluene. <i>Chemosphere</i> , 2021, 276, 130207.	8.2	9
4	Study on extract-pyrolysis cascading utilization of chlorella based on green chemistry. <i>Journal of Analytical and Applied Pyrolysis</i> , 2021, 157, 105204.	5.5	1
5	Direct oxidation esterification of methacrolein with methanol: Oxygen vacancy promotion of Zr-doped Au/CeO ₂ nanorods. <i>Canadian Journal of Chemical Engineering</i> , 2020, 98, 767-774.	1.7	15
6	Isobaric Vapor-Liquid Equilibrium Measurements and Separation Process for the Quinary Methanol + Methylal + 2-Butanol + 2-(Methoxymethoxy)-butane + (±)-Di-sec-butoxymethane System. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 5038-5048.	1.9	3
7	Effects of ionic liquid pretreatment on pyrolysis characteristics of a high-sulfur bituminous coal. <i>Fuel</i> , 2019, 258, 116134.	6.4	15
8	Interface Engineering of MoS ₂ for Electrocatalytic Performance Optimization for Hydrogen Generation via Urea Electrolysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 16577-16584.	6.7	70
9	Study on Sulfur Conversion Characteristics in Catalytic Cracking of Coal Tar in the Presence of Dolomite-Supported Catalysts. <i>Energy & Fuels</i> , 2019, 33, 5102-5109.	5.1	9
10	Effect of ash and dolomite on the migration of sulfur from coal pyrolysis volatiles. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019, 140, 349-354.	5.5	22
11	Facile synthesis of Co@Fe@B@P nanochains as an efficient bifunctional electrocatalyst for overall water-splitting. <i>Nanoscale</i> , 2019, 11, 7506-7512.	5.6	195
12	Simultaneous removal of HgO and H ₂ S at a high space velocity by water-resistant SnO ₂ /carbon aerogel. <i>Journal of Hazardous Materials</i> , 2019, 371, 123-129.	12.4	19
13	Cu(I)/Ionic Liquids Promote the Conversion of Carbon Dioxide into Oxazolidinones at Room Temperature. <i>Molecules</i> , 2019, 24, 1241.	3.8	11
14	Effect of solvent pretreatment on pyrolysis characteristic of high-sulfur bituminous coal. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 135, 54-59.	5.5	14
15	Isobaric Vapor-Liquid Equilibrium for the Binary Systems of 2-Butanol + 2-(Methoxymethoxy)-butane and 1-Butanol + 2-(Methoxymethoxy)-butane at 101.3 kPa. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 3851-3859.	1.9	1
16	Effects of Natural Dolomite Catalysts on Cracking Anthracene Oil. <i>Energy & Fuels</i> , 2017, 31, 11765-11772.	5.1	10
17	Effect of foreign minerals on sulfur transformation in the step conversion of coal pyrolysis and combustion. <i>Journal of Analytical and Applied Pyrolysis</i> , 2017, 127, 240-245.	5.5	35
18	The new liquid-liquid extraction method for separation of phenolic compounds from coal tar. <i>Chemical Engineering Journal</i> , 2015, 266, 148-155.	12.7	128

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19	Separation of Phenolic Compounds from Coal Tar via Liquid-Liquid Extraction Using Amide Compounds. Industrial & Engineering Chemistry Research, 2015, 54, 2573-2579.	3.7	82
20	An ionic liquid extraction process for the separation of indole from wash oil. Green Chemistry, 2015, 17, 3783-3790.	9.0	70