

Xueru Sheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8864492/publications.pdf>

Version: 2024-02-01

20
papers

397
citations

758635

12
h-index

794141

19
g-index

21
all docs

21
docs citations

21
times ranked

456
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of high density aviation fuel with cyclopentanol derived from lignocellulose. Scientific Reports, 2015, 5, 9565.	1.6	60
2	Dual-bed catalyst system for the direct synthesis of high density aviation fuel with cyclopentanone from lignocellulose. AICHE Journal, 2016, 62, 2754-2761.	1.8	44
3	Synthesis of Renewable Triketones, Diketones, and Jet-Fuel Range Cycloalkanes with 5-Hydroxymethylfurfural and Ketones. ChemSusChem, 2017, 10, 711-719.	3.6	42
4	Preparation and characterization of thermo-sensitive gel with phenolated alkali lignin. Scientific Reports, 2018, 8, 14450.	1.6	42
5	Direct synthesis of gasoline and diesel range branched alkanes with acetone from lignocellulose. Green Chemistry, 2016, 18, 3707-3711.	4.6	33
6	Synthesis of renewable diesel with 2-methylfuran and angelica lactone derived from carbohydrates. Green Chemistry, 2016, 18, 1218-1223.	4.6	32
7	Adsorption and Release Kinetics, Equilibrium, and Thermodynamic Studies of Hymexazol onto Diatomite. ACS Omega, 2020, 5, 29504-29512.	1.6	19
8	Surface sediments formation during auto-hydrolysis and its effects on the benzene-alcohol extractive, absorbability and chemical pulping properties of hydrolyzed acacia wood chips. Bioresource Technology, 2019, 289, 121604.	4.8	18
9	Depolymerization and Activation of Alkali Lignin by Solid Acid-Catalyzed Phenolation for Preparation of Lignin-Based Phenolic Foams. Industrial & Engineering Chemistry Research, 2020, 59, 14296-14305.	1.8	18
10	Diatomite Stabilized KOH: An Efficient Heterogeneous Catalyst for Cyclopentanone Self-Condensation. ChemCatChem, 2021, 13, 916-923.	1.8	15
11	Waste Seashells as a Highly Active Catalyst for Cyclopentanone Self-Aldol Condensation. Catalysts, 2019, 9, 661.	1.6	14
12	Green solvents-based molecular weight controllable fractionation process for industrial alkali lignin at room temperature. International Journal of Biological Macromolecules, 2022, 207, 531-540.	3.6	13
13	Direct Synthesis of Renewable Dodecanol and Dodecane with Methyl Isobutyl Ketone over Dual-Bed Catalyst Systems. ChemSusChem, 2017, 10, 825-829.	3.6	12
14	Ball-Milling: A Productive, Economical, and Widely Applicable Method for Condensation of Biomass-Derived Aldehydes and Ketones at Mild Temperatures. ACS Sustainable Chemistry and Engineering, 2021, 9, 8232-8237.	3.2	11
15	Research on Resin Used for Impregnating Polyimide Fiber Paper-Based Composite Materials. Materials, 2021, 14, 4909.	1.3	8
16	Correlation between physicochemical characteristics of lignin deposited on autohydrolyzed wood chips and their cellulase enzymatic hydrolysis. Bioresource Technology, 2022, 350, 126941.	4.8	7
17	Highly Selective Hydrogenation of Phenols to Cyclohexanone Derivatives Using a Palladium@N-Doped Carbon/SiO ₂ Catalyst. Organic Process Research and Development, 2021, 25, 2425-2431.	1.3	3
18	Insecticidal characteristics and mechanism of a promising natural insecticide against saw-toothed grain beetle. RSC Advances, 2022, 12, 7066-7074.	1.7	3

#	ARTICLE	IF	CITATIONS
19	Calcinated conch shells combined with Raney Ni as high-performance catalyst for cyclopentanol Guerbet reaction. <i>Journal of Material Cycles and Waste Management</i> , 2021, 23, 804-811.	1.6	2
20	Optimization and Analysis of Transparent Bamboo Performance Using Response Surface Methodology (RSM) & Linear Analysis Method. <i>Macromolecular Materials and Engineering</i> , 0, , 2100745.	1.7	1