

Xueru Sheng

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8864492/xueru-sheng-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

248
citations

9
h-index

15
g-index

21
ext. papers

320
ext. citations

6.1
avg, IF

2.9
L-index

#	Paper	IF	Citations
19	Insecticidal characteristics and mechanism of a promising natural insecticide against saw-toothed grain beetle.. <i>RSC Advances</i> , 2022 , 12, 7066-7074	3.7	0
18	Correlation between physicochemical characteristics of lignin deposited on autohydrolyzed wood chips and their cellulase enzymatic hydrolysis.. <i>Bioresource Technology</i> , 2022 , 126941	11	0
17	Green solvents-based molecular weight controllable fractionation process for industrial alkali lignin at room temperature.. <i>International Journal of Biological Macromolecules</i> , 2022 , 207, 531-540	7.9	1
16	Ball-Milling: A Productive, Economical, and Widely Applicable Method for Condensation of Biomass-Derived Aldehydes and Ketones at Mild Temperatures. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 8232-8237	8.3	4
15	Diatomite Stabilized KOH: An Efficient Heterogeneous Catalyst for Cyclopentanone Self-condensation. <i>ChemCatChem</i> , 2021 , 13, 916-923	5.2	4
14	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	3.4	1
13	Research on Resin Used for Impregnating Polyimide Fiber Paper-Based Composite Materials. <i>Materials</i> , 2021 , 14,	3.5	1
12	Adsorption and Release Kinetics, Equilibrium, and Thermodynamic Studies of Hymexazol onto Diatomite. <i>ACS Omega</i> , 2020 , 5, 29504-29512	3.9	5
11	Depolymerization and Activation of Alkali Lignin by Solid Acid-Catalyzed Phenolation for Preparation of Lignin-Based Phenolic Foams. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 14296-14305	3.9	9
10	Surface sediments formation during auto-hydrolysis and its effects on the benzene-alcohol extractive, absorbability and chemical pulping properties of hydrolyzed acacia wood chips. <i>Bioresource Technology</i> , 2019 , 289, 121604	11	9
9	Waste Seashells as a Highly Active Catalyst for Cyclopentanone Self-Aldol Condensation. <i>Catalysts</i> , 2019 , 9, 661	4	11
8	Preparation and characterization of thermo-sensitive gel with phenolated alkali lignin. <i>Scientific Reports</i> , 2018 , 8, 14450	4.9	24
7	Direct Synthesis of Renewable Dodecanol and Dodecane with Methyl Isobutyl Ketone over Dual-Bed Catalyst Systems. <i>ChemSusChem</i> , 2017 , 10, 825-829	8.3	11
6	Synthesis of Renewable Triketones, Diketones, and Jet-Fuel Range Cycloalkanes with 5-Hydroxymethylfurfural and Ketones. <i>ChemSusChem</i> , 2017 , 10, 711-719	8.3	32
5	Synthesis of renewable diesel with 2-methylfuran and angelica lactone derived from carbohydrates. <i>Green Chemistry</i> , 2016 , 18, 1218-1223	10	22
4	Dual-bed catalyst system for the direct synthesis of high density aviation fuel with cyclopentanone from lignocellulose. <i>AIChE Journal</i> , 2016 , 62, 2754-2761	3.6	33
3	Direct synthesis of gasoline and diesel range branched alkanes with acetone from lignocellulose. <i>Green Chemistry</i> , 2016 , 18, 3707-3711	10	28

2	Synthesis of high density aviation fuel with cyclopentanol derived from lignocellulose. <i>Scientific Reports</i> , 2015 , 5, 9565	4.9	52
1	Optimization and Analysis of Transparent Bamboo Performance Using Response Surface Methodology (RSM) and Linear Analysis Method. <i>Macromolecular Materials and Engineering</i> , 2100745	3.9	0