

# Xueru Sheng

## List of Publications by Citations

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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	Synthesis of high density aviation fuel with cyclopentanol derived from lignocellulose. <i>Scientific Reports</i> , <b>2015</b> , 5, 9565	4.9	52
18	Dual-bed catalyst system for the direct synthesis of high density aviation fuel with cyclopentanone from lignocellulose. <i>AIChE Journal</i> , <b>2016</b> , 62, 2754-2761	3.6	33
17	Synthesis of Renewable Triketones, Diketones, and Jet-Fuel Range Cycloalkanes with 5-Hydroxymethylfurfural and Ketones. <i>ChemSusChem</i> , <b>2017</b> , 10, 711-719	8.3	32
16	Direct synthesis of gasoline and diesel range branched alkanes with acetone from lignocellulose. <i>Green Chemistry</i> , <b>2016</b> , 18, 3707-3711	10	28
15	Preparation and characterization of thermo-sensitive gel with phenolated alkali lignin. <i>Scientific Reports</i> , <b>2018</b> , 8, 14450	4.9	24
14	Synthesis of renewable diesel with 2-methylfuran and angelica lactone derived from carbohydrates. <i>Green Chemistry</i> , <b>2016</b> , 18, 1218-1223	10	22
13	Direct Synthesis of Renewable Dodecanol and Dodecane with Methyl Isobutyl Ketone over Dual-Bed Catalyst Systems. <i>ChemSusChem</i> , <b>2017</b> , 10, 825-829	8.3	11
12	Waste Seashells as a Highly Active Catalyst for Cyclopentanone Self-Aldol Condensation. <i>Catalysts</i> , <b>2019</b> , 9, 661	4	11
11	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> , <b>2019</b> , 289, 121604	11	9
10	Depolymerization and Activation of Alkali Lignin by Solid Acid-Catalyzed Phenolation for Preparation of Lignin-Based Phenolic Foams. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2020</b> , 59, 14296-14305	3.9	9
9	Adsorption and Release Kinetics, Equilibrium, and Thermodynamic Studies of Hymexazol onto Diatomite. <i>ACS Omega</i> , <b>2020</b> , 5, 29504-29512	3.9	5
8	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> , <b>2021</b> , 9, 8232-8237	8.3	4
7	Diatomite Stabilized KOH: An Efficient Heterogeneous Catalyst for Cyclopentanone Self-condensation. <i>ChemCatChem</i> , <b>2021</b> , 13, 916-923	5.2	4
6	Calcinated conch shells combined with Raney Ni as high-performance catalyst for cyclopentanol Guerbet reaction. <i>Journal of Material Cycles and Waste Management</i> , <b>2021</b> , 23, 804-811	3.4	1
5	Research on Resin Used for Impregnating Polyimide Fiber Paper-Based Composite Materials. <i>Materials</i> , <b>2021</b> , 14,	3.5	1
4	Green solvents-based molecular weight controllable fractionation process for industrial alkali lignin at room temperature.. <i>International Journal of Biological Macromolecules</i> , <b>2022</b> , 207, 531-540	7.9	1
3	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

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|---|--|-----|---|
| 2 | Insecticidal characteristics and mechanism of a promising natural insecticide against saw-toothed grain beetle.. <i>RSC Advances</i> , <b>2022</b> , 12, 7066-7074                                   | 3-7 | ○ |
| 1 | Correlation between physicochemical characteristics of lignin deposited on autohydrolyzed wood chips and their cellulase enzymatic hydrolysis.. <i>Bioresource Technology</i> , <b>2022</b> , 126941 | 11  | ○ |