

Xiaokun Yang

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1511090/xiaokun-yang-publications-by-year.pdf>

Version: 2024-04-23

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.

21
papers

602
citations

14
h-index

21
g-index

21
ext. papers

696
ext. citations

7
avg, IF

3.9
L-index

| # | Paper | IF | Citations |
|----|--|-----|-----------|
| 21 | Hydrodeoxygenation (HDO) of Biomass Derived Ketones Using Supported Transition Metals in a Continuous Reactor. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 14521-14530 | 8.3 | 6 |
| 20 | Asymmetric twins in boron rich boron carbide. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 13340-13347 | 7.6 | 3 |
| 19 | Upgrading Biocrude of Grindelia Squarrosa to Jet Fuel Precursors by Aqueous Phase Hydrodeoxygenation. <i>Energy Technology</i> , 2018 , 6, 1832-1843 | 3.5 | 4 |
| 18 | The Applications of Nanocomposite Catalysts in Biofuel Production 2018 , 309-350 | | 2 |
| 17 | Shear-Induced Brittle Failure along Grain Boundaries in Boron Carbide. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 5072-5080 | 9.5 | 16 |
| 16 | Structure and Properties of Boron-Very-Rich Boron Carbides: B12 Icosahedra Linked through Bent CBB Chains. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 2448-2453 | 3.8 | 12 |
| 15 | Locating Si atoms in Si-doped boron carbide: A route to understand amorphization mitigation mechanism. <i>Acta Materialia</i> , 2018 , 157, 106-113 | 8.4 | 27 |
| 14 | Production of High-Density Renewable Aviation Fuel from Arid Land Crop. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 10108-10119 | 8.3 | 10 |
| 13 | Catalytic Transfer Hydrogenation of Furfural for the Production of Ethyl Levulinate: Interplay of Lewis and Brønsted Acidities. <i>Energy Technology</i> , 2018 , 6, 1826-1831 | 3.5 | 15 |
| 12 | Icosahedral superstrength at the nanoscale. <i>Physical Review Materials</i> , 2018 , 2, | 3.2 | 8 |
| 11 | Highly efficient conversion of terpenoid biomass to jet-fuel range cycloalkanes in a biphasic tandem catalytic process. <i>Green Chemistry</i> , 2017 , 19, 3566-3573 | 10 | 30 |
| 10 | Hydrothermal carbonization (HTC) of cow manure: Carbon and nitrogen distributions in HTC products. <i>Environmental Progress and Sustainable Energy</i> , 2016 , 35, 1002-1011 | 2.5 | 75 |
| 9 | Wet Air Oxidation of Hydrothermal Carbonization (HTC) Process Liquid. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 3250-3254 | 8.3 | 30 |
| 8 | Mechanistic insights into the production of methyl lactate by catalytic conversion of carbohydrates on mesoporous Zr-SBA-15. <i>Journal of Catalysis</i> , 2016 , 333, 207-216 | 7.3 | 92 |
| 7 | Direct Conversion of Cellulose into Ethyl Lactate in Supercritical Ethanol-Water Solutions. <i>ChemSusChem</i> , 2016 , 9, 36-41 | 8.3 | 35 |
| 6 | Effect of redox properties of LaCoO ₃ perovskite catalyst on production of lactic acid from cellulosic biomass. <i>Catalysis Today</i> , 2016 , 269, 56-64 | 5.3 | 47 |
| 5 | Hydrothermal Carbonization (HTC) and Pelletization of Two Arid Land Plants Bagasse for Energy Densification. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 1106-1114 | 8.3 | 40 |

| | | | |
|---|---|------|----|
| 4 | Catalytic conversion of hemicellulosic biomass to lactic acid in pH neutral aqueous phase media. <i>Applied Catalysis B: Environmental</i> , 2015 , 162, 149-157 | 21.8 | 95 |
| 3 | Simultaneously Converting Carbonate/Bicarbonate and Biomass to Value-added Carboxylic Acid Salts by Aqueous-phase Hydrogen Transfer. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 195-203 ^{8.3} | 8.3 | 21 |
| 2 | Self-assembled flower-like antimony trioxide microstructures with high infrared reflectance performance. <i>Journal of Solid State Chemistry</i> , 2013 , 200, 136-142 | 3.3 | 15 |
| 1 | Hydrothermal synthesis of morphology-controllable Sb ₂ O ₃ microstructures: Hollow spindle-like and cobblestone-like microstructures. <i>Applied Surface Science</i> , 2011 , 257, 3657-3665 | 6.7 | 19 |