

Chunhong Lu

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.

16
papers

160
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ext. papers

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ext. citations

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avg, IF

3.56
L-index

| # | Paper | IF | Citations |
|----|--|-----|-----------|
| 16 | Textile-Based Strain Sensor for Human Motion Detection. <i>Energy and Environmental Materials</i> , 2020 , 3, 80-100 | 13 | 49 |
| 15 | Three-Dimensional Hierarchically Porous Graphene Fiber-Shaped Supercapacitors with High Specific Capacitance and Rate Capability. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 25205-25217 | 9.5 | 30 |
| 14 | Effect of the Coagulation Bath on the Structure and Mechanical Properties of Gel-Spun Lignin/Poly(vinyl alcohol) Fibers. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 2949-2959 | 8.3 | 25 |
| 13 | Properties and Structural Anisotropy of Gel-Spun Lignin/Poly(Vinyl Alcohol) Fibers Due to Gel Aging. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 679-689 | 8.3 | 16 |
| 12 | Electrochemical properties of PEDOT: PSS /V2O5 hybrid fiber based supercapacitors. <i>Journal of Physics and Chemistry of Solids</i> , 2019 , 129, 234-241 | 3.9 | 10 |
| 11 | Antiplasticizing Behaviors of Glucarate and Lignin Bio-Based Derivatives on the Properties of Gel-Spun Poly(Vinyl Alcohol) Fibers. <i>Macromolecular Materials and Engineering</i> , 2018 , 303, 1700523 | 3.9 | 7 |
| 10 | Lignocellulosic Biomass-Derived Carbon Electrodes for Flexible Supercapacitors: An Overview. <i>Materials</i> , 2021 , 14, | 3.5 | 6 |
| 9 | Electrochemical Performance of Coaxially Wet-Spun Hierarchically Porous Lignin-Based Carbon/Graphene Fiber Electrodes for Flexible Supercapacitors. <i>ACS Applied Energy Materials</i> , 2021 , 4, 9077-9089 | 6.1 | 3 |
| 8 | Cost-Effective Yarn-Shaped Lithium-Ion Battery with High Wearability. <i>ACS Omega</i> , 2020 , 5, 4697-4704 | 3.9 | 2 |
| 7 | Regulation mechanism of graphene oxide on the structure and mechanical properties of bio-based gel-spun lignin/poly (vinyl alcohol) fibers. <i>Cellulose</i> , 2021 , 28, 4745-4760 | 5.5 | 2 |
| 6 | Improving the field-effect transistor performance of (E)-1,2-di(thiophen-2-yl)ethenyl-co-naphthalenyl-based polymers by introducing alkoxy sidechains. <i>Synthetic Metals</i> , 2021 , 278, 116801 | 3.6 | 1 |
| 5 | Design, preparation and characterization of three-dimensional auxetic warp and weft backed weave fabrics based on origami tessellation structures. <i>Textile Reseach Journal</i> ,004051752210940 | 1.7 | 1 |
| 4 | Synthesis of Modified Lignin as an Antiplasticizer for Strengthening Poly(vinyl alcohol) Lignin Interactions toward Quality Gel-Spun Fibers. <i>ACS Applied Polymer Materials</i> , 2022 , 4, 1595-1607 | 4.3 | 0 |
| 3 | Low-dimensional Thermoelectric Materials 2022 , 209-238 | | |
| 2 | CHAPTER 9:Flexible Organic-based Thermoelectric Devices. <i>RSC Energy and Environment Series</i> , 2019 , 274-308 | 0.6 | |
| 1 | Wearable power generation via thermoelectric textile 2022 , 41-62 | | |