Chunhong Lu

List of Publications by Year in Descending Order

16 papers	160 citations	6 h-index	12 g-index
20 ext. papers	274 ext. citations	5.1 avg, IF	3.56 L-index

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