

# Tianyun Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

541  
citations

932766

10  
h-index

1125271

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

926  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Effect of additives on properties of crosslinked carboxymethyl starch/polyvinyl alcohol composite films. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51546.  | 1.3 | 5         |
| 2  | Bacterial cellulose-derived micro/mesoporous carbon anode materials controlled by poly(methyl) Tj ETQq0 0 0 rgBT/Overlock, 10 Tf 50 7   | 2.8 | 14        |
| 3  | Straightforward Solution Polymerization Synthesis of Porous Carbon@Gold Nanoparticles Electrode for High-Performance Supercapacitor. <i>Journal of Energy Storage</i> , 2021, 33, 102041.                     | 3.9 | 12        |
| 4  | Design Strategies of 3D Carbon-Based Electrodes for Charge/Ion Transport in Lithium Ion Battery and Sodium Ion Battery. <i>Advanced Functional Materials</i> , 2021, 31, 2010041.                             | 7.8 | 99        |
| 5  | Constructing consistent pore microstructures of bacterial cellulose-derived cathode and anode materials for high energy density sodium-ion capacitors. <i>New Journal of Chemistry</i> , 2020, 44, 1865-1871. | 1.4 | 10        |
| 6  | Flexible, twistable and plied electrode of stainless steel Cables@Nickel-Cobalt oxide with high electrochemical performance for wearable electronic textiles. <i>Electrochimica Acta</i> , 2020, 348, 136312. | 2.6 | 12        |
| 7  | A Safe, High-Performance, and Long-Cycle Life Zinc-Ion Hybrid Capacitor Based on Three-Dimensional Porous Activated Carbon. <i>Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica</i> , 2020, 36, 1904050-0.   | 2.2 | 37        |
| 8  | Constructing surface-driven lithium ion storage structure for high performance hybrid capacitor. <i>Electrochimica Acta</i> , 2019, 299, 163-172.   | 2.6 | 23        |
| 9  | Recent Advances of Cellulose-Based Materials and Their Promising Application in Sodium-Ion Batteries and Capacitors. <i>Small</i> , 2018, 14, e1802444.   | 5.2 | 75        |
| 10 | A High-Performance Sodium-Ion Hybrid Capacitor Constructed by Metal-Organic Framework-Derived Anode and Cathode Materials. <i>Advanced Functional Materials</i> , 2018, 28, 1800757.                          | 7.8 | 205       |
| 11 | Effect of aldehydes crosslinkers on properties of bacterial cellulose-poly(vinyl alcohol) (BC/PVA) nanocomposite hydrogels. <i>Fibers and Polymers</i> , 2017, 18, 33-40.                                     | 1.1 | 7         |
| 12 | Effect of carboxylic acid groups on the supercapacitive performance of functional carbon frameworks derived from bacterial cellulose. <i>Chinese Chemical Letters</i> , 2017, 28, 2212-2218.                  | 4.8 | 19        |
| 13 | Enhanced capacities of carbon nanosheets derived from functionalized bacterial cellulose as anodes for sodium ion batteries. <i>RSC Advances</i> , 2017, 7, 50336-50342.                                      | 1.7 | 23        |