# Bolin Chen

List of Publications by Year
in descending order



| 16 | 813 | 686830 13 | 940134 16 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 16 | 16 | 16 | 1442 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Fully Packaged Carbon Nanotube Supercapacitors by Direct Ink Writing on Flexible Substrates. ACS Applied Materials & Interfaces, 2017, 9, 28433-28440. | 4.0 | 161 |
| 2 | Hierarchical FeNiP@Ultrathin Carbon Nanoflakes as Alkaline Oxygen Evolution and Acidic Hydrogen Evolution Catalyst for Efficient Water Electrolysis and Organic Decomposition. ACS Applied Materials & Interfaces, 2018, 10, 8739-8748. | 4.0 | 112 |
| 3 | Flexible thermoelectric generators with inkjet-printed bismuth telluride nanowires and liquid metal contacts. Nanoscale, 2019, 11, 5222-5230. | 2.8 | 100 |
| 4 | Rapid and Label-Free Detection of Interferon Gamma via an Electrochemical Aptasensor Comprising a Ternary Surface Monolayer on a Gold Interdigitated Electrode Array. ACS Sensors, 2017, 2, 210-217. | 4.0 | 71 |
| 5 | Functionalized carbon nanotube based hybrid electrochemical capacitors using neutral bromide redox-active electrolyte for enhancing energy density. Journal of Power Sources, 2017, 352, 118-126. | 4.0 | 56 |
| 6 | High Aspect Ratio Carbon Nanotube Membranes Decorated with Pt Nanoparticle Urchins for Micro Underwater Vehicle PropulsionviaH<sub>2</sub>O<sub>2</sub>Decomposition. ACS Nano, 2015, 9, 7791-7803. | 7.3 | 51 |
| 7 | Inkjet Printing of Singleâ€Crystalline Bi<sub>2</sub>Te<sub>3</sub> Thermoelectric Nanowire Networks. Advanced Electronic Materials, 2017, 3, 1600524. | 2.6 | 48 |
| 8 | Redox-Active Hydrogel Polymer Electrolytes with Different pH Values for Enhancing the Energy Density of the Hybrid Solid-State Supercapacitor. ACS Applied Materials & Interfaces, 2017, 9, 44429-44440. | 4.0 | 46 |
| 9 | Tuning the Structure, Conductivity, and Wettability of Laser-Induced Graphene for Multiplexed Open Microfluidic Environmental Biosensing and Energy Storage Devices. ACS Nano, 2022, 16, 15-28. | 7.3 | 40 |
| 10 | Ionâ€Selective Sensors Based on Laserâ€Induced Graphene for Evaluating Human Hydration Levels Using Urine Samples. Advanced Materials Technologies, 2020, 5, 1901037. | 3.0 | 34 |
| 11 | Electrochemical Sensing of Neonicotinoids Using Laser-Induced Graphene. ACS Sensors, 2021, 6, 3063-3071. | 4.0 | 34 |
| 12 | Platinum Nanoparticle Decorated SiO<sub>2</sub> Microfibers as Catalysts for Micro Unmanned Underwater Vehicle Propulsion. ACS Applied Materials & Interfaces, 2016, 8, 30941-30947. | 4.0 | 18 |
| 13 | Laser-induced graphene electrodes for electrochemical ion sensing, pesticide monitoring, and water splitting. Analytical and Bioanalytical Chemistry, 2021, 413, 6201-6212. | 1.9 | 16 |
| 14 | Efficient Solar-to-Thermal Energy Conversion and Storage with High-Thermal-Conductivity and Form-Stabilized Phase Change Composite Based on Wood-Derived Scaffolds. Energies, 2019, 12, 1283. | 1.6 | 13 |
| 15 | Hydrophobic laser-induced graphene potentiometric ion-selective electrodes for nitrate sensing. Mikrochimica Acta, 2022, 189, 122. | 2.5 | 8 |
| 16 | Porous Wood Monoliths Decorated with Platinum Nano-Urchins as Catalysts for Underwater Micro-Vehicle Propulsion via H<sub>2</sub>O<sub>2</sub> Decomposition. ACS Applied Nano Materials, 2019, 2, 4143-4149. | 2.4 | 5 |