

Liuxue Shen

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

951
citations

687363

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752698

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docs citations

20
times ranked

1477
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Self-Healing All-in-One Energy Storage for Flexible Self-Powering Ammonia Smartsensors. <i>Energy and Environmental Materials</i> , 2022, 5, 986-995. | 12.8 | 26 |
| 2 | Oil-water self-assembly engineering of Prussian blue/quantum dots decorated graphene film for wearable textile biosensors and photoelectronic unit. <i>Chemical Engineering Journal</i> , 2022, 427, 131824. | 12.7 | 12 |
| 3 | Wearable biomolecule smart sensor based on Au@PB NPs with high electrochemical activity. <i>Journal of Alloys and Compounds</i> , 2022, 891, 161983. | 5.5 | 7 |
| 4 | Wearable healthcare smart electrochemical biosensors based on co-assembled prussian blue-graphene film for glucose sensing. <i>Mikrochimica Acta</i> , 2022, 189, 46. | 5.0 | 11 |
| 5 | Wearable Self-Powered Smart Sensors for Portable Nutrition Monitoring. <i>Analytical Chemistry</i> , 2022, 94, 2333-2340. | 6.5 | 27 |
| 6 | Recent Advances of Prussian Blue-Based Wearable Biosensors for Healthcare. <i>Analytical Chemistry</i> , 2022, 94, 297-311. | 6.5 | 22 |
| 7 | Monoclinic Bimetallic Prussian Blue Analog Cathode with High Capacity and Long Life for Advanced Sodium Storage. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 24332-24340. | 8.0 | 11 |
| 8 | A low-strain metal organic framework for ultra-stable and long-life sodium-ion batteries. <i>Journal of Power Sources</i> , 2022, 541, 231701. | 7.8 | 7 |
| 9 | Facet-Dependent Cu ₂ O Electrocatalysis for Wearable Enzyme-Free Smart Sensing. <i>ACS Catalysis</i> , 2021, 11, 2949-2955. | 11.2 | 65 |
| 10 | NASICON-Structured Na ₂ VTi(PO ₄) ₃ @C for Symmetric Aqueous Rechargeable Na-Ion Batteries with Long Lifespan. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 3490-3497. | 6.7 | 21 |
| 11 | Wearable Helical Molybdenum Nitride Supercapacitors for Self-Powered Healthcare Smartsensors. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 29780-29787. | 8.0 | 19 |
| 12 | Wearable Porous Au Smartsensors for On-Site Detection of Multiple Metal Ions. <i>Analytical Chemistry</i> , 2021, 93, 2603-2609. | 6.5 | 17 |
| 13 | Wearable Motion Smartsensors Self-Powered by Core-Shell Au@Pt Methanol Fuel Cells. <i>ACS Sensors</i> , 2021, 6, 4526-4534. | 7.8 | 5 |
| 14 | High-stability monoclinic nickel hexacyanoferrate cathode materials for ultrafast aqueous sodium ion battery. <i>Chemical Engineering Journal</i> , 2020, 388, 124228. | 12.7 | 91 |
| 15 | Wearable Textile Supercapacitors for Self-Powered Enzyme-Free Smartsensors. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 21779-21787. | 8.0 | 34 |
| 16 | Wearable biomolecule smartsensors based on one-step fabricated berlin green printed arrays. <i>Biosensors and Bioelectronics</i> , 2019, 144, 111637. | 10.1 | 22 |
| 17 | Phytoplankton derived and KOH activated mesoporous carbon materials for supercapacitors. <i>Materials Letters</i> , 2017, 205, 98-101. | 2.6 | 15 |
| 18 | Tailorable pseudocapacitors for energy storage clothes. <i>RSC Advances</i> , 2016, 6, 67764-67770. | 3.6 | 3 |

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|----|---|------|-----------|
| 19 | WO ₃ nanoflowers with excellent pseudo-capacitive performance and the capacitance contribution analysis. <i>Journal of Materials Chemistry A</i> , 2016, 4, 7266-7273. | 10.3 | 153 |
| 20 | Flexible electrochromic supercapacitor hybrid electrodes based on tungsten oxide films and silver nanowires. <i>Chemical Communications</i> , 2016, 52, 6296-6299. | 4.1 | 383 |