

Shijie Zhan

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

379
citations

1163117

8
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

422
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Smart textile lighting/display system with multifunctional fibre devices for large scale smart home and IoT applications. Nature Communications, 2022, 13, 814. | 12.8 | 80 |
| 2 | Inkjetâ€rinted multiâ€color arrays based on ecoâ€friendly quantum dot light emitting diodes with tailored hole transport layer. Journal of the Society for Information Display, 2022, 30, 748-757. | 2.1 | 4 |
| 3 | Wearable plasmonic-metasurface sensor for noninvasive and universal molecular fingerprint detection on biointerfaces. Science Advances, 2021, 7, . | 10.3 | 157 |
| 4 | Modelling charge transport and electro-optical characteristics of quantum dot light-emitting diodes. Npj Computational Materials, 2021, 7, . | 8.7 | 19 |
| 5 | Hybrid Passivation for Foldable Indium Gallium Zinc Oxide Thinâ€Film Transistors Mediated by Lowâ€Temperature and Lowâ€Damage Paryleneâ€Atomic Layer Depositionâ€AlO ₂ Coating. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 1900832. | 1.8 | 8 |
| 6 | Toward Controlled Electrical Stimulation for Wound Healing Based on a Precision Layered Skin Model. ACS Applied Bio Materials, 2020, 3, 8901-8910. | 4.6 | 16 |
| 7 | Lattice marginal reconstruction-enabled high ambient-tolerance perovskite quantum dot phototransistors. Journal of Materials Chemistry C, 2020, 8, 16001-16009. | 5.5 | 6 |
| 8 | Robust In-Zn-O Thin-Film Transistors with a Bilayer Heterostructure Design and a Low-Temperature Fabrication Process Using Vacuum and Solution Deposited Layers. ACS Omega, 2020, 5, 21593-21601. | 3.5 | 2 |
| 9 | Controlling Performance of Organicâ€Inorganic Hybrid Perovskite Triboelectric Nanogenerators via Chemical Composition Modulation and Electric Fieldâ€Induced Ion Migration. Advanced Energy Materials, 2020, 10, 2002470. | 19.5 | 19 |
| 10 | Asymmetric Carbon Nanohorn Enabled Soft Capacitors with High Power Density and Ultraâ€Low Cutoff Frequency. Advanced Materials Technologies, 2020, 5, 2000372. | 5.8 | 5 |
| 11 | Waterproof Flexible InP@ZnSeS Quantum Dot Lightâ€Emitting Diode. Advanced Optical Materials, 2020, 8, 1901362. | 7.3 | 23 |
| 12 | Nano-to-Microporous Networks via Inkjet Printing of ZnO Nanoparticles/Graphene Hybrid for Ultraviolet Photodetectors. ACS Applied Nano Materials, 2020, 3, 4454-4464. | 5.0 | 19 |
| 13 | Modeling Electrical Percolation to optimize the Electromechanical Properties of CNT/Polymer Composites in Highly Stretchable Fiber Strain Sensors. Scientific Reports, 2019, 9, 20376. | 3.3 | 18 |
| 14 | First-principle approach based bandgap engineering for cubic boron nitride doped with group IIA elements. AIP Advances, 2018, 8, . | 1.3 | 3 |