

Zhuolei Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7279815/publications.pdf>

Version: 2024-02-01

19
papers

317
citations

933447

10
h-index

839539

18
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20
all docs

20
docs citations

20
times ranked

574
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Kirigami-Inspired Nanoconfined Polymer Conducting Nanosheets with 2000% Stretchability. <i>Advanced Materials</i> , 2018, 30, e1706390. | 21.0 | 94 |
| 2 | Tunable electroresistance and electro-optic effects of transparent molecular ferroelectrics. <i>Science Advances</i> , 2017, 3, e1701008. | 10.3 | 44 |
| 3 | Chiral Molecular Ferroelectrics with Polarized Optical Effect and Electroresistive Switching. <i>ACS Nano</i> , 2017, 11, 11739-11745. | 14.6 | 26 |
| 4 | Hybrid Chalcopyrite-Polymer Magnetoconducting Materials. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 11215-11220. | 8.0 | 20 |
| 5 | Light-induced dilation in nanosheets of charge-transfer complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3776-3781. | 7.1 | 20 |
| 6 | Kirigami-Inspired Stretchable Conjugated Electronics. <i>Advanced Electronic Materials</i> , 2020, 6, 1900929. | 5.1 | 18 |
| 7 | Tunable two-dimensional interfacial coupling in molecular heterostructures. <i>Nature Communications</i> , 2017, 8, 312. | 12.8 | 14 |
| 8 | Functional Gradient Ultrahigh Molecular Weight Polyethylene for Impact-Resistant Armor. <i>ACS Applied Polymer Materials</i> , 2019, 1, 2197-2203. | 4.4 | 13 |
| 9 | Structure and Magnetism Evolution from FeCo Nanoparticles to Hollow Nanostructure Conversion for Magnetic Applications. <i>ACS Applied Nano Materials</i> , 2018, 1, 5837-5842. | 5.0 | 11 |
| 10 | Poly(P-Phenylene Terephthalamide) Fibers Reinforced with Ultrathin Ceramic Coatings. <i>Advanced Engineering Materials</i> , 2018, 20, 1800095. | 3.5 | 11 |
| 11 | Freestanding Organic Charge-Transfer Conformal Electronics. <i>Nano Letters</i> , 2018, 18, 4346-4354. | 9.1 | 10 |
| 12 | Free-Standing Buckle-Delaminated 2D Organic Nanosheets with Enhanced Mechanical Properties and Multifunctionality. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900561. | 3.7 | 9 |
| 13 | External Stimuli Responsive 2D Charge Transfer Polymers. <i>Advanced Materials Interfaces</i> , 2017, 4, 1600769. | 3.7 | 7 |
| 14 | Rational design of molecular crystals for enhanced charge transfer properties. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12338-12342. | 5.5 | 6 |
| 15 | Nanoparticle-Infused UHMWPE Layer as Multifunctional Coating for High-Performance PPTA Single Fibers. <i>Scientific Reports</i> , 2019, 9, 7183. | 3.3 | 5 |
| 16 | 2D Organic Nanosheets: Free-Standing Buckle-Delaminated 2D Organic Nanosheets with Enhanced Mechanical Properties and Multifunctionality (<i>Adv. Mater. Interfaces</i> 17/2019). <i>Advanced Materials Interfaces</i> , 2019, 6, 1970111. | 3.7 | 3 |
| 17 | Self-Assembled Metal Molecular Networks by Nanoconfinement. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 206-213. | 4.6 | 2 |
| 18 | Metal-Cluster-Based Colloidal Excimer Superstructures. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15708-15710. | 13.8 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Metallclusterbasierte kolloidale Excimer-Superstrukturen. Angewandte Chemie, 2016, 128, 15936-15938. | 2.0 | 0 |