

Zhuolei Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

317
citations

933447

10
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

574
citing authors

#	ARTICLE	IF	CITATIONS
1	Kirigami-Inspired Stretchable Conjugated Electronics. <i>Advanced Electronic Materials</i> , 2020, 6, 1900929.	5.1	18
2	Functional Gradient Ultrahigh Molecular Weight Polyethylene for Impact-Resistant Armor. <i>ACS Applied Polymer Materials</i> , 2019, 1, 2197-2203.	4.4	13
3	Free-Standing Buckle-Delaminated 2D Organic Nanosheets with Enhanced Mechanical Properties and Multifunctionality. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900561.	3.7	9
4	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
5	Nanoparticle-Infused UHMWPE Layer as Multifunctional Coating for High-Performance PPTA Single Fibers. <i>Scientific Reports</i> , 2019, 9, 7183.	3.3	5
6	Self-Assembled Metal Molecular Networks by Nanoconfinement. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 206-213.	4.6	2
7	Kirigami-Inspired Nanoconfined Polymer Conducting Nanosheets with 2000% Stretchability. <i>Advanced Materials</i> , 2018, 30, e1706390.	21.0	94
8	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
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	Freestanding Organic Charge-Transfer Conformal Electronics. <i>Nano Letters</i> , 2018, 18, 4346-4354.	9.1	10
11	Poly(P-Phenylene Terephthalamide) Fibers Reinforced with Ultrathin Ceramic Coatings. <i>Advanced Engineering Materials</i> , 2018, 20, 1800095.	3.5	11
12	External Stimuli Responsive 2D Charge Transfer Polymers. <i>Advanced Materials Interfaces</i> , 2017, 4, 1600769.	3.7	7
13	Tunable electroresistance and electro-optic effects of transparent molecular ferroelectrics. <i>Science Advances</i> , 2017, 3, e1701008.	10.3	44
14	Tunable two-dimensional interfacial coupling in molecular heterostructures. <i>Nature Communications</i> , 2017, 8, 312.	12.8	14
15	Chiral Molecular Ferroelectrics with Polarized Optical Effect and Electroresistive Switching. <i>ACS Nano</i> , 2017, 11, 11739-11745.	14.6	26
16	Rational design of molecular crystals for enhanced charge transfer properties. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12338-12342.	5.5	6
17	Hybrid Chalcopyrite-Polymer Magnetoconducting Materials. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 11215-11220.	8.0	20
18	Metallcluster-basierte kolloidale Excimer-Superstrukturen. <i>Angewandte Chemie</i> , 2016, 128, 15936-15938.	2.0	0

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19	Metal-Cluster-Based Colloidal Excimer Superstructures. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15708-15710.	13.8	1