

Xiangli Liu

List of Publications by Year in descending order

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33
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33
docs citations

33
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Wearable Circuits Sintered at Room Temperature Directly on the Skin Surface for Health Monitoring. ACS Applied Materials & Interfaces, 2020, 12, 45504-45515.	8.0	65
2	Ionic-Liquid-Assisted Synthesis of N, F, and B Co-Doped CoFe ₂ O ₄ on Multiwalled Carbon Nanotubes with Enriched Oxygen Vacancies for Li-S Batteries. Advanced Functional Materials, 2022, 32, .	14.9	48
3	Cobalt-doped porphyrin-based porous organic polymer-modified separator for high-performance lithium-sulfur batteries. Journal of Materials Chemistry A, 2021, 9, 2792-2805.	10.3	41
4	Low-energy, Mobile Grain Boundaries in Magnesium. Scientific Reports, 2016, 6, 21393.	3.3	36
5	Self-polarization induced by lattice mismatch and defect dipole alignment in (001) BaTiO ₃ /LaNiO ₃ polycrystalline film prepared by magnetron sputtering at low temperature. RSC Advances, 2015, 5, 61821-61827.	3.6	31
6	Effects of oxygen vacancy defect on microwave pyrolysis of biomass to produce high-quality syngas and bio-oil: Microwave absorption and in-situ catalytic. Waste Management, 2021, 128, 200-210.	7.4	31
7	Effect of different ash/organics and C/H/O ratios on characteristics and reaction mechanisms of sludge microwave pyrolysis to generate bio-fuels. Waste Management, 2020, 117, 188-197.	7.4	27
8	Effects of Process Parameters on Sulfur Migration and H ₂ S Generation during Supercritical Water Gasification of Sludge. Journal of Hazardous Materials, 2021, 403, 123678.	12.4	25
9	The factors influencing sludge incineration residue (SIR)-based magnesium potassium phosphate cement and the solidification/stabilization characteristics and mechanisms of heavy metals. Chemosphere, 2020, 261, 127789.	8.2	21
10	Positive effects of zeolite powder on aerobic granulation: Nitrogen and phosphorus removal and insights into the interaction mechanisms. Environmental Research, 2020, 191, 110098.	7.5	20
11	Integrated Resistive-Capacitive Strain Sensors Based on Polymer-Nanoparticle Composites. ACS Applied Nano Materials, 2020, 3, 4357-4366.	5.0	17
12	Structural transition and temperature-driven conductivity switching of single crystalline VO ₂ (A) nanowires. RSC Advances, 2014, 4, 64021-64026.	3.6	16
13	Absence of Exceptional Points in Square Waveguide Arrays with Apparently Balanced Gain and Loss. Scientific Reports, 2016, 6, 22711.	3.3	16
14	Effect of defects controlled by preparation condition and heat treatment on the ferromagnetic properties of few-layer graphene. Scientific Reports, 2017, 7, 5877.	3.3	16
15	Ultrasonic-accelerated metallurgical reaction of Sn/Ni composite solder: Principle, kinetics, microstructure, and joint properties. Ultrasonics Sonochemistry, 2020, 66, 105090.	8.2	16
16	Effect of a Ge interlayer on the high-temperature behavior of NiSi films. Journal of Applied Physics, 2004, 96, 6928-6930.	2.5	15
17	Phase-Transformation-Induced Extra Thermal Expansion Behavior of (Sr _x Ba _{1-x})TiO ₃ /Cu Composite. Scientific Reports, 2016, 6, 27118.	3.3	13
18	Simultaneously enhancing redox kinetics and inhibiting the polysulfide shuttle effect using MOF-derived CoSe hollow sphere structures for advanced Li-S batteries. Nanoscale, 2021, 13, 10849-10861.	5.6	13

#	ARTICLE	IF	CITATIONS
19	Highly flexible electromagnetic interference shielding films based on ultrathin Ni/Ag composites on paper substrates. <i>Journal of Materials Science</i> , 2021, 56, 5570-5580.	3.7	13
20	Ultra-directional forward scattering by a high refractive index dielectric T-shaped nanoantenna in the visible. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126696.	2.1	11
21	Stretchable and conductive composites film with efficient electromagnetic interference shielding and absorptivity. <i>Journal of Materials Science</i> , 2020, 55, 8576-8590.	3.7	11
22	Surface states ensured by a synthetic Weyl point in one-dimensional plasmonic dielectric crystals with broken inversion symmetry. <i>Physical Review B</i> , 2019, 99, .	3.2	10
23	Switchable diode effect in ferroelectric thin film: High dependence on poling process and temperature. <i>AIP Advances</i> , 2014, 4, .	1.3	9
24	Domain stability and polar-vortex transformations controlled by mechanical loads in soft ferromagnetic nanodots. <i>AIP Advances</i> , 2016, 6, 035003.	1.3	7
25	Type-II Dirac point and extreme dispersion in one-dimensional plasmonic-dielectric crystals with off-axis propagation. <i>Physical Review A</i> , 2019, 99, .	2.5	7
26	Realization of skyrmion subtracter and diverter in a voltage-gated synthetic antiferromagnetic racetrack. <i>Journal of Applied Physics</i> , 2019, 125, .	2.5	5
27	Recent Studies on the Fabrication of Multilayer Films by Magnetron Sputtering and Their Irradiation Behaviors. <i>Coatings</i> , 2021, 11, 1468.	2.6	5
28	Temperature-Dependent Photoluminescence Property of Self-Assembly ZnO Nanowires via Chemical Vapor Deposition Combined with Hydrothermal Pretreatment. <i>Materials</i> , 2015, 8, 7598-7603.	2.9	4
29	Phase diagrams of magnetic state transformations in multiferroic composites controlled by size, shape and interfacial coupling strain. <i>AIP Advances</i> , 2017, 7, .	1.3	3
30	Preparation and performance of porous hydroxyapatite/poly(lactic-co-glycolic acid) drug-loaded microsphere scaffolds for gentamicin sulfate delivery. <i>Journal of Materials Science</i> , 2021, 56, 15278-15298.	3.7	3
31	Plasmon turbulence spectra with the filamentation patterns in a laser plasma. <i>Physics of Plasmas</i> , 2008, 15, 032302.	1.9	2
32	The effect of curvature on chondrocytes migration and bone mesenchymal stem cells differentiation. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50392.	2.6	2