

Xiangli Liu

List of Publications by Year in descending order

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papers

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33
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#	ARTICLE	IF	CITATIONS
1	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. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	48
2	Effects of Process Parameters on Sulfur Migration and H ₂ S Generation during Supercritical Water Gasification of Sludge. <i>Journal of Hazardous Materials</i> , 2021, 403, 123678.	12.4	25
3	Simultaneously enhancing redox kinetics and inhibiting the polysulfide shuttle effect using MOF-derived CoSe hollow sphere structures for advanced Li-S batteries. <i>Nanoscale</i> , 2021, 13, 10849-10861.	5.6	13
4	Cobalt-doped porphyrin-based porous organic polymer-modified separator for high-performance lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 2792-2805.	10.3	41
5	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
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. <i>Waste Management</i> , 2021, 128, 200-210.	7.4	31
7	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
8	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
9	Recent Studies on the Fabrication of Multilayer Films by Magnetron Sputtering and Their Irradiation Behaviors. <i>Coatings</i> , 2021, 11, 1468.	2.6	5
10	Effect of different ash/organics and C/H/O ratios on characteristics and reaction mechanisms of sludge microwave pyrolysis to generate bio-fuels. <i>Waste Management</i> , 2020, 117, 188-197.	7.4	27
11	Positive effects of zeolite powder on aerobic granulation: Nitrogen and phosphorus removal and insights into the interaction mechanisms. <i>Environmental Research</i> , 2020, 191, 110098.	7.5	20
12	The factors influencing sludge incineration residue (SIR)-based magnesium potassium phosphate cement and the solidification/stabilization characteristics and mechanisms of heavy metals. <i>Chemosphere</i> , 2020, 261, 127789.	8.2	21
13	Wearable Circuits Sintered at Room Temperature Directly on the Skin Surface for Health Monitoring. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 45504-45515.	8.0	65
14	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
15	Ultrasonic-accelerated metallurgical reaction of Sn/Ni composite solder: Principle, kinetics, microstructure, and joint properties. <i>Ultrasonics Sonochemistry</i> , 2020, 66, 105090.	8.2	16
16	Integrated Resistive-Capacitive Strain Sensors Based on Polymer-Nanoparticle Composites. <i>ACS Applied Nano Materials</i> , 2020, 3, 4357-4366.	5.0	17
17	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
18	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

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19	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
20	Realization of skyrmion subtracter and diverter in a voltage-gated synthetic antiferromagnetic racetrack. <i>Journal of Applied Physics</i> , 2019, 125, .	2.5	5
21	Effect of defects controlled by preparation condition and heat treatment on the ferromagnetic properties of few-layer graphene. <i>Scientific Reports</i> , 2017, 7, 5877.	3.3	16
22	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
23	Low-energy, Mobile Grain Boundaries in Magnesium. <i>Scientific Reports</i> , 2016, 6, 21393.	3.3	36
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	Phase-Transformation-Induced Extra Thermal Expansion Behavior of (Sr _x Ba _{1-x})TiO ₃ /Cu Composite. <i>Scientific Reports</i> , 2016, 6, 27118.	3.3	13
26	Absence of Exceptional Points in Square Waveguide Arrays with Apparently Balanced Gain and Loss. <i>Scientific Reports</i> , 2016, 6, 22711.	3.3	16
27	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
28	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. <i>RSC Advances</i> , 2015, 5, 61821-61827.	3.6	31
29	Structural transition and temperature-driven conductivity switching of single crystalline VO ₂ nanowires. <i>RSC Advances</i> , 2014, 4, 64021-64026.	3.6	16
30	Switchable diode effect in ferroelectric thin film: High dependence on poling process and temperature. <i>AIP Advances</i> , 2014, 4, .	1.3	9
31	Plasmon turbulence spectra with the filamentation patterns in a laser plasma. <i>Physics of Plasmas</i> , 2008, 15, 032302.	1.9	2
32	Effect of a Ge interlayer on the high-temperature behavior of NiSi films. <i>Journal of Applied Physics</i> , 2004, 96, 6928-6930.	2.5	15