

Yuchang Su

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15 papers	100 citations	5 h-index	10 g-index
15 ext. papers	118 ext. citations	2.9 avg, IF	2.17 L-index

#	Paper	IF	Citations
15	Tracking on crystallization process of doped metal oxide IATO to optimize solvothermal conditions. <i>Applied Physics A: Materials Science and Processing</i> , 2022 , 128, 1	2.6	
14	Preparation, optical properties, and thermal stability of polyvinyl butyral composite films containing core (lanthanum hexaboride)@shell (titanium dioxide)-structured nanoparticles. <i>Science and Engineering of Composite Materials</i> , 2021 , 28, 605-612	1.5	
13	Electrodeposition of copper nanopowder with controllable morphology: influence of pH on the nucleation/growth mechanism. <i>Journal of Solid State Electrochemistry</i> , 2021 , 25, 1611-1621	2.6	1
12	Preparation of CoFe ₂ O ₄ /CoFe Particles with Broadband Microwave Absorption by Hydrogen Reduction. <i>Journal of Superconductivity and Novel Magnetism</i> , 2021 , 34, 2217-2225	1.5	1
11	Vacancies Substitution Tuning Photoluminescence and Distortion Triggered Eu Migration in NASICON-Type Phosphors. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 785-793	8.3	4
10	The Design and Preparation of Transparent Hybrid Composite Thin Films with Excellent Optical Properties and Improved Thermal Insulation by Optimized Combination of Nanomaterials. <i>Journal of Electronic Materials</i> , 2020 , 49, 1808-1818	1.9	
9	Effects of particle size on the electrical properties of NdFeO ₃ nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 21913-21922	2.1	
8	Improving ferroelectricity and ferromagnetism of PVDF-CoFe ₂ O ₄ thick films: Effect of Ethyl acetate and Temperature. <i>Journal of Applied Polymer Science</i> , 2020 , 137, 48345	2.9	1
7	Bi-phase metallic cobalt with efficient broadband absorption in X and Ku bands. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 18268-18279	2.1	4
6	Synthesis and characterization of low density porous nickel zinc ferrites.. <i>RSC Advances</i> , 2019 , 9, 13173-13181	3.7	8
5	Synergetic effect of LaB ₆ and ITO nanoparticles on optical properties and thermal stability of poly(vinylbutyral) nanocomposite films. <i>Applied Physics A: Materials Science and Processing</i> , 2014 , 117, 2127-2132	2.6	9
4	Synthesis, Characterization, and Tribological Behavior of Oleic Acid-Capped Calcium Borate Hydrate. <i>Tribology Transactions</i> , 2013 , 56, 521-529	1.8	7
3	Origins of high visible light transparency and solar heat-shielding performance in LaB ₆ . <i>Applied Physics Letters</i> , 2012 , 101, 041913	3.4	55
2	Solar radiation shielding material for windows TiN studied from first-principles theory. <i>Applied Physics Letters</i> , 2011 , 99, 061906	3.4	10
1	Facile synthesis of N-doped Co/graphite C composites with melamine as carbon and nitrogen source with enhanced microwave absorption performance. <i>Journal of Materials Science</i> , 1	4.3	0