

Tao Zhang

List of Publications by Year in descending order

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12
papers

377
citations

1307594

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1125743

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413
citing authors

#	ARTICLE	IF	CITATIONS
1	Entropy-driven phase regulation of high-entropy transition metal oxide and its enhanced high-temperature microwave absorption by in-situ dual phases. <i>Journal of Materials Science and Technology</i> , 2022, 116, 11-21.	10.7	26
2	Fabrication of high-performance electromagnetic wave absorbing SiC composites reinforced by 3D printed carbon-based nanonetwork with Fe ₃ O ₄ nanoparticles. <i>Additive Manufacturing</i> , 2022, 55, 102855.	3.0	5
3	Quantitative Evaluation of Loss Capability for In Situ Conductive Phase Enhanced Microwave Absorption of High-Entropy Transition Metal Oxides. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	26
4	Adjustable electromagnetic response of ultralight 3D Ti ₃ C ₂ T composite via control of crystal defects. <i>Applied Surface Science</i> , 2021, 569, 151053.	6.1	7
5	Numerical investigation of an ultra-broadband, wide-angle, and polarization-independent metasurface light absorber. <i>Applied Optics</i> , 2020, 59, 8878.	1.8	6
6	Broadband Near-Infrared Absorber Based on All Metallic Metasurface. <i>Materials</i> , 2019, 12, 3568.	2.9	7
7	MXene/Co ₃ O ₄ composite material: Stable synthesis and its enhanced broadband microwave absorption. <i>Applied Surface Science</i> , 2019, 488, 921-930.	6.1	139
8	Optical and Electrical Characterization of Pure PMMA for Terahertz Wide-band Metamaterial Absorbers. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2019, 40, 80-91.	2.2	18
9	Targeted design, analysis and experimental characterization of flexible microwave absorber for window application. <i>Materials and Design</i> , 2019, 162, 119-129.	7.0	72
10	Reflection phase modification by metamaterial interface: an understanding of design criteria for ultrathin multispectral absorber. <i>Optics Express</i> , 2019, 27, 26131.	3.4	8
11	Theoretical Analysis and Design of Ultrathin Broadband Optically Transparent Microwave Metamaterial Absorbers. <i>Materials</i> , 2018, 11, 107.	2.9	54
12	Influence of sputtering parameters on the electrical property of indium tin oxide film used for microwave absorbing. <i>Journal of Alloys and Compounds</i> , 2013, 581, 133-138.	5.5	8