

Yujing Zhang

List of Publications by Year in descending order

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20
papers

634
citations

516710

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752698

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docs citations

20
times ranked

440
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemically Inhomogeneous RE-Fe-B Permanent Magnets with High Figure of Merit: Solution to Global Rare Earth Criticality. <i>Scientific Reports</i> , 2016, 6, 32200.	3.3	106
2	Manipulating Ce Valence in RE ₂ Fe ₁₄ B Tetragonal Compounds by La-Ce Co-doping: Resultant Crystallographic and Magnetic Anomaly. <i>Scientific Reports</i> , 2016, 6, 30194.	3.3	65
3	The tunable magnetic and microwave absorption properties of the Nb ⁵⁺ -Ni ²⁺ co-doped M-type barium ferrite. <i>Journal of Materials Chemistry C</i> , 2017, 5, 3461-3472.	5.5	63
4	Multi-susceptible Single-Phased Ceramics with Both Considerable Magnetic and Dielectric Properties by Selectively Doping. <i>Scientific Reports</i> , 2015, 5, 9498.	3.3	46
5	Regulating Percolation Threshold via Dual Conductive Phases for High-Efficiency Microwave Absorption Performance in C and X Bands. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 37517-37526.	8.0	37
6	Mechanical Properties of La-Ce-Substituted Nd-Fe-B Magnets. <i>IEEE Transactions on Magnetics</i> , 2016, 52, 1-4.	2.1	33
7	High-efficiency microwave absorbing performance originating from sufficient magnetic exchange coupling interaction and impressive dielectric loss. <i>Journal of Materials Chemistry C</i> , 2021, 9, 1936-1944.	5.5	32
8	Understanding the efficient microwave absorption for FeCo@ZnO flakes at elevated temperatures a combined experimental and theoretical approach. <i>Journal of Materials Science and Technology</i> , 2022, 125, 212-221.	10.7	28
9	Reduced Graphene Oxide-CoFe ₂ O ₄ /FeCo Nanoparticle Composites for Electromagnetic Wave Absorption. <i>ACS Applied Nano Materials</i> , 2020, 3, 8939-8948.	5.0	27
10	Enhanced microwave absorption properties of Zr ⁴⁺ -doped Fe ₃ O ₄ for coordinated impedance matching and attenuation performances. <i>Journal of Alloys and Compounds</i> , 2019, 790, 316-325.	5.5	26
11	Printing (Mn,Fe) ₂ (P,Si) magnetocaloric alloys for magnetic refrigeration applications. <i>Journal of Materials Science</i> , 2020, 55, 6660-6668.	3.7	26
12	Excellent microwave absorption of Fe ₃ O ₄ /Ag composites attained by synergy of considerable magnetic loss and dielectric loss. <i>Ceramics International</i> , 2022, 48, 5824-5830.	4.8	24
13	Facile design and permittivity control of reduced graphene oxide foam/TiO ₂ 3D composite towards lightweight and high-efficient microwave absorption. <i>Journal of Alloys and Compounds</i> , 2021, 889, 161695.	5.5	23
14	Excellent absorption properties of BaFe ₁₂ xNb _x O ₁₉ controlled by multi-resonance permeability, enhanced permittivity, and the order of matching thickness. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 21893-21903.	2.8	22
15	BaTiO ₃ @C Core-Shell Nanoparticle/Paraffin Composites for Wide-Band Microwave Absorption. <i>ACS Applied Nano Materials</i> , 2021, 4, 13176-13184.	5.0	20
16	Broad microwave absorption bandwidth achieved by exchange coupling interaction between hard and soft magnetic materials. <i>Ceramics International</i> , 2021, 47, 2879-2883.	4.8	18
17	Small hysteresis and giant magnetocaloric effect in Nb-substituted (Mn,Fe) ₂ (P,Si) alloys. <i>Intermetallics</i> , 2019, 114, 106602.	3.9	16
18	Enhanced reversibility of the magnetoelastic transition in (Mn,Fe) ₂ (P,Si) alloys via minimizing the transition-induced elastic strain energy. <i>Journal of Materials Science and Technology</i> , 2022, 103, 165-176.	10.7	11

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19	Switching the magnetostructural coupling in MnCoGe-based magnetocaloric materials. <i>Physical Review Materials</i> , 2020, 4, .	2.4	8
20	Novel hydrogen decrepitation behaviors of (La, Ce)-Fe-B strips. <i>AIP Advances</i> , 2018, 8, 056233.	1.3	3