Yujing Zhang

List of Publications by Year
in descending order

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Version: 2024-02-01

20 papers	634 citations	516710 16 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	440 citing authors

#	Article	IF	Citations
1	Enhanced reversibility of the magnetoelastic transition in (Mn,Fe)2(P,Si) alloys via minimizing the transition-induced elastic strain energy. Journal of Materials Science and Technology, 2022, 103, 165-176.	10.7	11
2	Excellent microwave absorption of Fe3O4/Ag composites attained by synergy of considerable magnetic loss and dielectric loss. Ceramics International, 2022, 48, 5824-5830.	4.8	24
3	Understanding the efficient microwave absorption for FeCo@ZnO flakes at elevated temperatures a combined experimental and theoretical approach. Journal of Materials Science and Technology, 2022, 125, 212-221.	10.7	28
4	High-efficiency microwave absorbing performance originating from sufficient magnetic exchange coupling interaction and impressive dielectric loss. Journal of Materials Chemistry C, 2021, 9, 1936-1944.	5.5	32
5	Regulating Percolation Threshold via Dual Conductive Phases for High-Efficiency Microwave Absorption Performance in C and X Bands. ACS Applied Materials & Interfaces, 2021, 13, 37517-37526.	8.0	37
6	Facile design and permittivity control of reduced graphene oxide foam/TiO2 3D composite towards lightweight and high-efficient microwave absorption. Journal of Alloys and Compounds, 2021, 889, 161695.	5.5	23
7	Broad microwave absorption bandwidth achieved by exchange coupling interaction between hard and soft magnetic materials. Ceramics International, 2021, 47, 2879-2883.	4.8	18
8	BaTiO₃@C Coreâ€“Shell Nanoparticle/Paraffin Composites for Wide-Band Microwave Absorption. ACS Applied Nano Materials, 2021, 4, 13176-13184.	5.0	20
9	Reduced Graphene Oxide-CoFe₂O₄/FeCo Nanoparticle Composites for Electromagnetic Wave Absorption. ACS Applied Nano Materials, 2020, 3, 8939-8948.	5.0	27
10	Printing (Mn,Fe)2(P,Si) magnetocaloric alloys for magnetic refrigeration applications. Journal of Materials Science, 2020, 55, 6660-6668.	3.7	26
11	Switching the magnetostructural coupling in MnCoGe-based magnetocaloric materials. Physical Review Materials, 2020, 4, .	2.4	8
12	Small hysteresis and giant magnetocaloric effect in Nb-substituted (Mn,Fe)2(P,Si) alloys. Intermetallics, 2019, 114, 106602.	3.9	16
13	Enhanced microwave absorption properties of Zr4+-doped Fe3O4 for coordinated impedance matching and attenuation performances. Journal of Alloys and Compounds, 2019, 790, 316-325.	5.5	26
14	Novel hydrogen decrepitation behaviors of (La, Ce)-Fe-B strips. AIP Advances, 2018, 8, 056233.	1.3	3
15	The tunable magnetic and microwave absorption properties of the Nb⁵⁺â€“Ni²⁺ co-doped M-type barium ferrite. Journal of Materials Chemistry C, 2017, 5, 3461-3472.	5.5	63
16	Excellent absorption properties of BaFe_{12â^'x}Nb_xO₁₉controlled by multi-resonance permeability, enhanced permittivity, and the order of matching thickness. Physical Chemistry Chemical Physics, 2017, 19, 21893-21903.	2.8	22
17	Chemically Inhomogeneous RE-Fe-B Permanent Magnets with High Figure of Merit: Solution to Global Rare Earth Criticality. Scientific Reports, 2016, 6, 32200.	3.3	106
18	Manipulating Ce Valence in RE2Fe14B Tetragonal Compounds by La-Ce Co-doping: Resultant Crystallographic and Magnetic Anomaly. Scientific Reports, 2016, 6, 30194.	3.3	65

#	Article	IF	Citations
19	Mechanical Properties of Laâ€“Ce-Substituted Ndâ€“Feâ€“B Magnets. IEEE Transactions on Magnetics, 2016, 52, 1-4.	2.1	33
20	Multi-susceptibile Single-Phased Ceramics with Both Considerable Magnetic and Dielectric Properties by Selectively Doping. Scientific Reports, 2015, 5, 9498.	3.3	46