Xueyan Du

List of Publications by Year
in descending order

23 papers	384 citations	933447 10 h-index	752698 20 g-index
23 all docs	23 docs citations	23 times ranked	387 citing authors

#	Article	IF	Citations
1	Nonisothermal Crystallization, Growth, and Shape Control of Magnetite Crystals in Molten Nickel Slag During Continuous Cooling. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2022, 53, 1816-1826.	2.1	3
2	Space-confined fabrication of hydrophobic magnetic carbon nanofibers for lightweight and enhanced microwave absorption. Carbon, 2022, 197, 544-554.	10.3	26
3	Fabrication of microwave absorbing Ni/NiO/C nanofibers with robust superhydrophobic properties by electrospinning. Journal of Materials Science: Materials in Electronics, 2020, 31, 226-238.	2.2	23
4	Nitrogen-Doped Mesoporous Carbons Bearing Fe3O4 as Adsorbent for Effective Ag(I) Removal. Nano, 2020, 15, 2050134.	1.0	3
5	Oxidation of Fayalite in Molten Nickel Slag. Russian Journal of Non-Ferrous Metals, 2020, 61, 1-8.	0.6	2
6	Microwave Absorption Properties of Magnetite Particles Extracted from Nickel Slag. Materials, 2020, 13, 2162.	2.9	10
7	Effects of B2O3 on Melting Characteristics and Temperature-Dependent Viscosity of High-Basicity CaOâ€“SiO2â€“FeOxâ€“MgO Slag. Materials, 2020, 13, 1214.	2.9	3
8	Self-cleaning functionalized FeNi/NiFe2O4/NiO/C nanofibers with enhanced microwave absorption performance. Ceramics International, 2020, 46, 13397-13406.	4.8	58
9	Phase transformations during the oxidation of fayalite in iron-rich nickel slag. International Journal of Materials Research, 2020, 111, 290-296.	0.3	1
10	One-Pot Synthesis of Doped-Polypyrrole/Fe3O4 Nanosphere Composites and Their Microwave Absorption Performance. Journal of Nanoscience and Nanotechnology, 2019, 19, 7664-7672.	0.9	6
11	In situ synthesis of coreâ€“shell nanocomposites based on polyaniline/Niâ€“Zn ferrite and enhanced microwave absorbing properties. Journal of Materials Science: Materials in Electronics, 2019, 30, 20515-20524.	2.2	5
12	Preparation of microwave absorbing Co-C nanofibers with robust superhydrophobic properties by electrospinning. Journal of Materials Science: Materials in Electronics, 2019, 30, 3365-3377.	2.2	19
13	Effect of Lanthanum Doping on the Microstructure, Thermal Stability, and CO₂ Adsorption Property of ZIF-8. Advances in Materials Science and Engineering, 2019, 2019, 1-7.	1.8	2
14	Tunable microwave absorption properties of nickel-carbon nanofibers prepared by electrospinning. Ceramics International, 2019, 45, 3313-3324.	4.8	79
15	Fabrication and microwave absorption performance of magnetic functionalized xylem fibers/Fe3O4 nanocomposites. Journal of Materials Science: Materials in Electronics, 2018, 29, 6817-6825.	2.2	5
16	One-pot method fabrication of superparamagnetic sulfonated polystyrene/Fe3O4/graphene oxide micro-nano composites. Journal of Porous Materials, 2018, 25, 1447-1453.	2.6	9
17	Influence of Temperature Control System on the Crystallization Behavior of Magnetite Phases in Nickel Slags. Steel Research International, 2018, 89, 1700300.	1.8	9
18	Lanthanum doping of metal-organic frameworks-5 and its effect on thermal stability and CO₂ adsorption property. Materials Express, 2018, 8, 381-387.	0.5	13

#	Article	IF	Citations
19	Fabrication and microwave absorption performances of hollow-structure Fe3O4/PANI microspheres. Journal of Materials Science: Materials in Electronics, 2017, 28, 9279-9288.	2.2	26
20	Crystallization and Beneficiation of Magnetite for Iron Recycling from Nickel Slags by Oxidation-Magnetic Separation. Metals, 2017, 7, 321.	2.3	14
21	Adsorption of Hg(II) from aqueous solution using amino-functionalized graphite nanosheets decorated with Fe₃O₄nanoparticles. Desalination and Water Treatment, 2016, 57, 5004-5012.	1.0	26
22	Structural architecture and magnetism control of metal oxides using surface grafting techniques. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	9
23	Synthesis and optimization of molecularly imprinted polymers for quercetin. Polymer International, 2012, 61, 1002-1009.	3.1	33