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	Tunable microwave absorption properties of nickel-carbon nanofibers prepared by electrospinning. Ceramics International, 2019, 45, 3313-3324.	4.8	79
2	Self-cleaning functionalized FeNi/NiFe2O4/NiO/C nanofibers with enhanced microwave absorption performance. Ceramics International, 2020, 46, 13397-13406.	4.8	58
3	Synthesis and optimization of molecularly imprinted polymers for quercetin. Polymer International, 2012, 61, 1002-1009.	3.1	33
4	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
5	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
6	Space-confined fabrication of hydrophobic magnetic carbon nanofibers for lightweight and enhanced microwave absorption. Carbon, 2022, 197, 544-554.	10.3	26
7	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
8	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
9	Crystallization and Beneficiation of Magnetite for Iron Recycling from Nickel Slags by Oxidation-Magnetic Separation. Metals, 2017, 7, 321.	2.3	14
10	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
11	Microwave Absorption Properties of Magnetite Particles Extracted from Nickel Slag. Materials, 2020, 13, 2162.	2.9	10
12	Structural architecture and magnetism control of metal oxides using surface grafting techniques. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	9
13	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
14	Influence of Temperature Control System on the Crystallization Behavior of Magnetite Phases in Nickel Slags. Steel Research International, 2018, 89, 1700300.	1.8	9
15	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
16	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
17	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
18	Nitrogen-Doped Mesoporous Carbons Bearing Fe3O4 as Adsorbent for Effective Ag(I) Removal. Nano, 2020, 15, 2050134.	1.0	3

#	Article	IF	Citations
19	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
20	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
21	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
22	Oxidation of Fayalite in Molten Nickel Slag. Russian Journal of Non-Ferrous Metals, 2020, 61, 1-8.	0.6	2
23	Phase transformations during the oxidation of fayalite in iron-rich nickel slag. International Journal of Materials Research, 2020, 111, 290-296.	0.3	1