Chenglong Lei

List of Publications by Year
in descending order

23	469	759233 12	677142 22
papers	citations	h-index	g-index

23	23	23	618
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interface polarization matters: Enhancing supercapacitor performance of spinel NiCo2O4 nanowires by reduced graphene oxide coating. Electrochimica Acta, 2018, 260, 814-822.	5.2	94
2	Tunable dielectric loss to enhance microwave absorption properties of flakey FeSiAl /ferrite composites. Journal of Alloys and Compounds, 2020, 822, 153674.	5.5	55
3	NH₃assisted photoreduction and N-doping of graphene oxide for high performance electrode materials in supercapacitors. Nanoscale, 2015, 7, 2060-2068.	5.6	47
4	Facile synthesis of porous graphene as binder-free electrode for supercapacitor application. Applied Surface Science, 2016, 366, 46-52.	6.1	41
5	Facile synthesis of nitrogen-doped graphene on Ni foam for high-performance supercapacitors. Journal of Materials Science, 2016, 51, 6348-6356.	3.7	31
6	Synthesis of aligned La3+-substituted Sr-ferrites via molten salt assisted sintering and their magnetic properties. Ceramics International, 2016, 42, 15511-15516.	4.8	29
7	UV-assisted reduction of graphene oxide on Ni foam as high performance electrode for supercapacitors. Carbon, 2016, 107, 917-924.	10.3	25
8	MÃ¶ssbauer and Structural Properties of La-Substituted Ni_{0.4}Cu_{0.2}Zn_{0.4}Fe₂O<SUB>4 Nanocrystalline Ferrite. Science of Advanced Materials, 2015, 7, 1809-1815.	2.5	8
9	The formation of ultrafine spherical metal powders using a low wettability strategy of solidâ€“liquid interface. Materials and Design, 2016, 97, 324-330.	7.0	19
10	Mono-disperse spherical Cuâ€“Zn powder fabricated via the low wettability of liquid/solid interface. Applied Surface Science, 2015, 357, 167-171.	6.1	15
11	In-situ de-wetting assisted fabrication of spherical Cu-Sn alloy powder via the reduction of mixture metallic oxides. Powder Technology, 2016, 301, 356-359.	4.2	15
12	Enhanced microwave absorption of flaky FeSiAl/ZnO composites fabricated via precipitation. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2022, 275, 115502.	3.5	15
13	A novel synthetic strategy of Fe@Cu core-shell microsphere particles by integration of solid-state immiscible metal system and low wettability. Journal of Alloys and Compounds, 2018, 747, 50-54.	5.5	12
14	Effect of substitution on the structural and magnetic properties of Sm3+-doped / SmFeO3 in nickel-copper-zinc mixed ferrite nanoparticles. Ceramics International, 2020, 46, 2523-2529.	4.8	12
15	MÃ¶ssbauer and XRD Studies of N_{0.6}Cu_{0.2}Zn_{0.2}Ce_xFe_{2â^'x}O₄ Ferrites by Solâ€“Gel Auto-Combustion. Journal of Nanoscience and Nanotechnology, 2015, 15, 2997-3003.	0.4	8
16	Magnetic Studies in Rare Earth-iron Oxalate-bridged Complexes MFe(C2O4)3Â·9H2O (M=Ce, Pr). Physics Procedia, 2012, 25, 369-374.	1.2	7
17	Synthesis of rGO/PS compound with sandwich structure on Ni foam as binder-free electrode for supercapacitor. Functional Materials Letters, 2017, 10, 1750032.	1.2	7
18	Fabrication of spherical Fe-based magnetic powders via the in situ de-wetting of the liquidâ€“solid interface. RSC Advances, 2016, 6, 3428-3432.	3.6	6

#	Article	IF	Citations
19	Synthesis of graphene on Ni foam with enhanced capacitive performance by embedding PS spacers. Materials Technology, 2019, 34, 499-505.	3.0	5
20	Spin-glass behavior and magnetic splitting in molecular magnetic materials {[N(n-C4H9)4][MIIFeIII(C2O4)3]}nÂ(M = Co, Mn). Hyperfine Interactions, 2013, 219, 95-100.	0.5	2
21	Influence of precursor and salt assisted calcination on magnetic properties of Sr-ferrites. Journal of Materials Science: Materials in Electronics, 2019, 30, 12597-12602.	2.2	2
22	A Novel Fabrication of Spherical Fe50ni50 Alloy Powders via in-Situ De-Wetting of Liquid Solid Interface. Crystals, 2019, 9, 325.	2.2	1
23	In situ de-wetting of liquidâ€“solid interface to fabricate spherical Ag@Ni immiscible alloys. AIP Advances, 2022, 12, 025208.	1.3	0