Wei Liu

List of Publications by Citations

63	5,158	34	67
papers	citations	h-index	g-index
67	6,310	7.8	6.13
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
63	Metal□rganic-frameworks derived porous carbon-wrapped Ni composites with optimized impedance matching as excellent lightweight electromagnetic wave absorber. *Chemical Engineering Journal*, **2017**, 313, 734-744	14.7	381
62	Thermal conversion of an Fe□□@metal-organic framework: a new method for an efficient Fe-Co/nanoporous carbon microwave absorbing material. *Nanoscale*, **2015**, 7, 12932-42	7.7	366
61	Achieving hierarchical hollow carbon@Fe@Fe3O4 nanospheres with superior microwave absorption properties and lightweight features. *Journal of Materials Chemistry C*, **2015**, 3, 10232-10241	7.1	317
60	Achieving superior electromagnetic wave absorbers through the novel metal-organic frameworks derived magnetic porous carbon nanorods. *Carbon*, **2019**, 145, 433-444	10.4	281
59	A novel Co/TiO2 nanocomposite derived from a metal□rganic framework: synthesis and efficient microwave absorption. *Journal of Materials Chemistry C*, **2016**, 4, 1860-1870	7.1	280
58	Biomass-Derived Porous Carbon-Based Nanostructures for Microwave Absorption. *Nano-Micro Letters*, **2019**, 11, 24	19.5	257
57	Enhanced Electromagnetic Wave Absorption of Three-Dimensional Porous Fe3O4/C Composite Flowers. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 12471-12480	8.3	217
56	Sandwich-like NiCo layered double hydroxide/reduced graphene oxide nanocomposite cathodes for high energy density asymmetric supercapacitors. *Dalton Transactions*, **2019**, 48, 5193-5202	4.3	199
55	Ternary Transition Metal Sulfides Embedded in Graphene Nanosheets as Both the Anode and Cathode for High-Performance Asymmetric Supercapacitors. *Chemistry of Materials*, **2018**, 30, 1055-1068	9.6	190
54	A Versatile Route toward the Electromagnetic Functionalization of Metal-Organic Framework-Derived Three-Dimensional Nanoporous Carbon Composites. *ACS Applied Materials & Interfaces*, **2018**, 10, 8965-8975	9.5	174
53	Facile Synthesis of Porous Nickel/Carbon Composite Microspheres with Enhanced Electromagnetic Wave Absorption by Magnetic and Dielectric Losses. *ACS Applied Materials & Interfaces*, **2016**, 8, 20258-66	9.5	155
52	Ultrathin high-performance electromagnetic wave absorbers with facilely fabricated hierarchical porous Co/C crabapples. *Journal of Materials Chemistry C*, **2019**, 7, 1659-1669	7.1	148
51	Composition Design and Structural Characterization of MOF-Derived Composites with Controllable Electromagnetic Properties. *ACS Sustainable Chemistry and Engineering*, **2017**, 5, 7961-7971	8.3	132
50	Synthesis and cellular studies of nonaggregated water-soluble phthalocyanines. *Journal of Medicinal Chemistry*, **2005**, 48, 1033-41	8.3	132
49	Hollow graphite spheres embedded in porous amorphous carbon matrices as lightweight and low-frequency microwave absorbing material through modulating dielectric loss. *Carbon*, **2018**, 138, 143-153	10.4	129
48	Design and synthesis of TiO2/Co/carbon nanofibers with tunable and efficient electromagnetic absorption. *Chemical Engineering Journal*, **2020**, 380, 122591	14.7	120
47	Facile synthesis of hollow porous cobalt spheres and their enhanced electromagnetic properties. *Journal of Materials Chemistry*, **2012**, 22, 22160		117

46	MOF-derived hierarchical core-shell hollow iron-cobalt sulfides nanoarrays on Ni foam with enhanced electrochemical properties for high energy density asymmetric supercapacitors. *Electrochimica Acta*, **2019**, 323, 134826	6.7	109
45	Enhanced Low-Frequency Electromagnetic Properties of MOF-Derived Cobalt through Interface Design. *ACS Applied Materials & Interfaces*, **2018**, 10, 31610-31622	9.5	106
44	Direct synthesis of MOF-derived nanoporous CuO/carbon composites for high impedance matching and advanced microwave absorption. *Journal of Materials Chemistry C*, **2016**, 4, 11419-11426	7.1	99
43	Solvothermal Synthesis of Magnetic Chains Self-Assembled by Flowerlike Cobalt Submicrospheres. *Crystal Growth and Design*, **2008**, 8, 3206-3212	3.5	88
42	High-Efficiency Electromagnetic Wave Absorption of Cobalt-Decorated NH-UIO-66-Derived Porous ZrO/C. *ACS Applied Materials & Interfaces*, **2019**, 11, 35959-35968	9.5	82
41	Excellent microwave-absorption performances by matched magnetic–dielectric properties in double-shelled Co/C/polyaniline nanocomposites. *RSC Advances*, **2015**, 5, 40384-40392	3.7	70
40	Strengthened electromagnetic absorption performance derived from synergistic effect of carbon nanotube hybrid with Co@C beads. *Advanced Composites and Hybrid Materials*, **2018**, 1, 149-159	8.7	70
39	Extended Working Frequency of Ferrites by Synergistic Attenuation through a Controllable Carbothermal Route Based on Prussian Blue Shell. *ACS Applied Materials & Interfaces*, **2018**, 10, 28887-28897	9.5	61
38	Nanoporous TiO2/C composites synthesized from directly pyrolysis of a Ti-based MOFs MIL-125(Ti) for efficient microwave absorption. *Journal of Alloys and Compounds*, **2017**, 728, 138-144	5.7	61
37	Improved electromagnetic wave absorption of Co nanoparticles decorated carbon nanotubes derived from synergistic magnetic and dielectric losses. *Physical Chemistry Chemical Physics*, **2016**, 18, 31542-31550	3.6	59
36	Imparting multivalency to a bifunctional chelator: a scaffold design for targeted PET imaging probes. *Angewandte Chemie - International Edition*, **2009**, 48, 7346-9	16.4	59
35	Controllable synthesis of various kinds of copper sulfides (CuS, Cu7S4, Cu9S5) for high-performance supercapacitors. *Dalton Transactions*, **2015**, 44, 10431-7	4.3	55
34	Self-Assembled ZnO/Co Hybrid Nanotubes Prepared by Electrospinning for Lightweight and High-Performance Electromagnetic Wave Absorption. *ACS Applied Nano Materials*, **2018**, 1, 5297-5306	5.6	52
33	Facile Synthesis of Three-Dimensional Porous Co/MnO Composites Derived from Bimetal Oxides for Highly Efficient Electromagnetic Wave Absorption. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 8687-8695	8.3	51
32	Porous ternary TiO2/MnTiO3@C hybrid microspheres as anode materials with enhanced electrochemical performances. *Journal of Materials Chemistry A*, **2015**, 3, 23895-23904	13	45
31	Carbon-Based MOF Derivatives: Emerging Efficient Electromagnetic Wave Absorption Agents. *Nano-Micro Letters*, **2021**, 13, 135	19.5	43
30	Bimetal oxide-derived flower-like heterogeneous Co/MnO@C composites with synergistic magnetic–dielectric attenuation for electromagnetic wave absorption. *Journal of Materials Chemistry C*, **2020**, 8, 2451-2459	7.1	40
29	A naphthalocyanine based near-infrared photosensitizer: synthesis and in vitro photodynamic activities. *Bioorganic and Medicinal Chemistry Letters*, **2013**, 23, 3775-9	2.9	33

28	Facile fabrication of Ni embedded TiO2/C core-shell ternary nanofibers with multicomponent functional synergy for efficient electromagnetic wave absorption. *Composites Part B: Engineering*, **2020**, 200, 108343	10	31
27	High-sensitive low-temperature NO2 sensor based on Zn (II) phthalocyanine with liquid crystalline properties. *Sensors and Actuators B: Chemical*, **2014**, 204, 218-223	8.5	30
26	Three-dimensional foam-like Fe3O4@C core-shell nanocomposites: Controllable synthesis and wideband electromagnetic wave absorption properties. *Journal of Magnetism and Magnetic Materials*, **2020**, 502, 166518	2.8	29
25	Creating oxygen vacancies on porous indium oxide nanospheres via metallic aluminum reduction for enhanced nitrogen dioxide detection at low temperature. *Sensors and Actuators B: Chemical*, **2020**, 303, 127221	8.5	29
24	Bimetallic MOF-derived porous CoNi/C nanocomposites with ultra-wide band microwave absorption properties. *New Journal of Chemistry*, **2019**, 43, 16546-16554	3.6	27
23	Template-free synthesis of V2O5 hierarchical nanosheet-assembled microspheres with excellent cycling stability. *Journal of Power Sources*, **2015**, 285, 538-542	8.9	26
22	Phthalocyanine-cRGD conjugate: synthesis, photophysical properties and in vitro biological activity for targeting photodynamic therapy. *Organic and Biomolecular Chemistry*, **2016**, 14, 2985-92	3.9	23
21	Engineering the surface structure of porous indium oxide hexagonal nanotubes with antimony trioxide for highly-efficient nitrogen dioxide detection at low temperature. *Applied Surface Science*, **2019**, 484, 853-863	6.7	16
20	One-dimensional MnO@N-doped carbon nanotubes as robust dielectric loss electromagnetic wave absorbers. *Chemical Engineering Journal*, **2021**, 410, 128295	14.7	16
19	Tailoring electromagnetic absorption performances of TiO2/Co/carbon nanofibers through tuning graphitization degrees. *Ceramics International*, **2020**, 46, 4754-4761	5.1	15
18	Synthesis of MOF-derived Fe7S8/C rod-like composites by controlled proportion of carbon for highly efficient electromagnetic wave absorption. *Composites Part A: Applied Science and Manufacturing*, **2021**, 142, 106246	8.4	14
17	Fluorescent Phthalocyanine□raphene Conjugate with Enhanced NIR Absorbance for Imaging and Multi-Modality Therapy. *ACS Applied Nano Materials*, **2018**, 1, 2785-2795	5.6	14
16	Mesoporous Fe-doped In2O3 nanorods derived from metal organic frameworks for enhanced nitrogen dioxide detection at low temperature. *Ceramics International*, **2020**, 46, 20385-20394	5.1	12
15	Polypyrrole-coated FeO nanotubes constructed from nanoneedles as high-performance anodes for aqueous asymmetric supercapacitors. *Dalton Transactions*, **2020**, 49, 9701-9709	4.3	11
14	Effect of axial ligands on the molecular configurations, stability, reactivity, and photodynamic activities of silicon phthalocyanines. *Chemistry - an Asian Journal*, **2014**, 9, 3491-7	4.5	11
13	Bifunctional Cu9S5/C octahedral composites for electromagnetic wave absorption and supercapacitor applications. *Chemical Engineering Journal*, **2021**, 417, 129350	14.7	10
12	Metal sulfides based composites as promising efficient microwave absorption materials: A review. *Journal of Materials Science and Technology*, **2022**, 104, 244-268	9.1	10
11	Porous Fe Hollow Structures with Optimized Impedance Matching as Highly Efficient, Ultrathin, and Lightweight Electromagnetic Wave Absorbers. *Industrial & Engineering Chemistry Research*, **2019**, 58, 6446-6455	3.9	9

10	Novel synthesis of MoO3/Mo4O11/MoO2 heterogeneous nanobelts for wideband electromagnetic wave absorption. *Journal of Alloys and Compounds*, **2020**, 817, 153309	5.7	9
9	High-permittivity Sb2S3 single-crystal nanorods as a brand-new choice for electromagnetic wave absorption. *Science China Materials*, **2021**, 64, 1733-1741	7.1	7
8	cis-Silicon phthalocyanine conformation endows J-aggregated nanosphere with unique near-infrared absorbance and fluorescence enhancement: a tumor sensitive phototheranostic agent with deep tissue penetrating ability. *Journal of Materials Chemistry B*, **2020**, 8, 2895-2908	7.3	6
7	Tetrabrominated Naphthalocyaninatozinc Complex with Terminal Carboxylate Functionalities. *Chemistry Letters*, **2012**, 41, 1012-1014	1.7	5
6	Facile manufacturing of Ni/MnO nanoparticle embedded carbon nanocomposite fibers for electromagnetic wave absorption. *Composites Part B: Engineering*, **2022**, 235, 109800	10	5
5	Covalent RGD-graphene-phthalocyanine nanocomposite for fluorescence imaging-guided dual active/passive tumor-targeted combinatorial phototherapy.. *Journal of Materials Chemistry B*, **2021**,	7.3	4
4	In situ transformation of ZIF-67 into hollow Co2V2O7 nanocages on graphene as a high-performance cathode for aqueous asymmetric supercapacitors. *Inorganic Chemistry Frontiers*, **2020**, 7, 3646-3656	6.8	4
3	4-tert-butylphenoxy substituted phthalocyanine with RGD motif as highly selective one-photon and two-photon imaging probe for mitochondria and cancer cell. *Journal of Porphyrins and Phthalocyanines*, **2016**, 20, 397-406	1.8	3
2	Construction of Ni-Zn bimetal sulfides Heterostructured-hybrids for High-performance electromagnetic wave absorption. *Journal of Colloid and Interface Science*, **2022**, 606, 1410-1420	9.3	2
1	Synthesis, crystal structure and biological evaluation of thyroid cancer targeting photosensitizer for photodynamic therapy. *Journal of Photochemistry and Photobiology A: Chemistry*, **2022**, 428, 113873	4.7	0