Guanglei Wu

List of Publications by Year
in descending order

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202	16,969	5896 81	17592 121
papers	citations	h-index	g-index

202	202	202	7148
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Co²⁺/Co³⁺ratio dependence of electromagnetic wave absorption in hierarchical NiCo₂O₄â€“CoNiO₂hybrids. Journal of Materials Chemistry C, 2015, 3, 7677-7690.	5.5	405
2	Design of carbon sphere/magnetic quantum dots with tunable phase compositions and boost dielectric loss behavior. Chemical Engineering Journal, 2018, 333, 519-528.	12.7	389
3	Peculiar porous Î±-Fe2O3, Î³-Fe2O3 and Fe3O4 nanospheres: Facile synthesis and electromagnetic properties. Powder Technology, 2015, 269, 443-451.	4.2	332
4	Synthesis of fish skin-derived 3D carbon foams with broadened bandwidth and excellent electromagnetic wave absorption performance. Carbon, 2019, 152, 827-836.	10.3	329
5	Interface Polarization Strategy to Solve Electromagnetic Wave Interference Issue. ACS Applied Materials & Interfaces, 2017, 9, 5660-5668.	8.0	300
6	Improved thermal conductivity and dielectric properties of hBN/PTFE composites via surface treatment by silane coupling agent. Composites Part B: Engineering, 2017, 111, 83-90.	12.0	276
7	A flexible electromagnetic wave-electricity harvester. Nature Communications, 2021, 12, 834.	12.8	269
8	Construction of 1D Heterostructure NiCo@C/ZnO Nanorod with Enhanced Microwave Absorption. Nano-Micro Letters, 2021, 13, 175.	27.0	261
9	Hierarchical composite of biomass derived magnetic carbon framework and phytic acid doped polyanilne with prominent electromagnetic wave absorption capacity. Journal of Materials Science and Technology, 2021, 68, 61-69.	10.7	224
10	Enhanced through-plane thermal conductivity of PTFE composites with hybrid fillers of hexagonal boron nitride platelets and aluminum nitride particles. Composites Part B: Engineering, 2018, 153, 1-8.	12.0	217
11	Synthesis of Ti3C2/Fe3O4/PANI hierarchical architecture composite as an efficient wide-band electromagnetic absorber. Applied Surface Science, 2019, 480, 830-838.	6.1	216
12	Investigation of the through-plane thermal conductivity of polymer composites with in-plane oriented hexagonal boron nitride. International Journal of Heat and Mass Transfer, 2018, 120, 1-8.	4.8	203
13	Preparation of two-dimensional titanium carbide (Ti3C2Tx) and NiCo2O4 composites to achieve excellent microwave absorption properties. Composites Part B: Engineering, 2020, 180, 107577.	12.0	201
14	Electrostatic self-assembly synthesis of ZnFe2O4 quantum dots (ZnFe2O4@C) and electromagnetic microwave absorption. Composites Part B: Engineering, 2019, 179, 107417.	12.0	195
15	Mesoporous carbon hollow microspheres with tunable pore size and shell thickness as efficient electromagnetic wave absorbers. Composites Part B: Engineering, 2019, 167, 690-699.	12.0	194
16	Investigation and optimization of Fe/ZnFe2O4 as a Wide-band electromagnetic absorber. Journal of Colloid and Interface Science, 2019, 536, 548-555.	9.4	193
17	Hierarchical Fe3O4/Fe@C@MoS2 core-shell nanofibers for efficient microwave absorption. Carbon, 2021, 179, 646-654.	10.3	192
18	Synthesis and characterization of Î³-Fe2O3@C nanorod-carbon sphere composite and its application as microwave absorbing material. Journal of Alloys and Compounds, 2015, 652, 346-350.	5.5	188

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19	Novel binary cobalt nickel oxide hollowed-out spheres for electromagnetic absorption applications. Chemical Engineering Journal, 2020, 382, 122797.	12.7	182
20	Morphology-control synthesis of polyaniline decorative porous carbon with remarkable electromagnetic wave absorption capabilities. Composites Part B: Engineering, 2021, 204, 108491.	12.0	182
21	Metal organic frameworks-derived Fe-Co nanoporous carbon/graphene composite as a high-performance electromagnetic wave absorber. Journal of Alloys and Compounds, 2019, 785, 765-773.	5.5	181
22	Facile synthesis of ellipsoid-like MgCo2O4/Co3O4 composites for strong wideband microwave absorption application. Composites Part B: Engineering, 2019, 176, 107240.	12.0	177
23	Controllable synthesis of Ni/NiO@porous carbon hybrid composites towards remarkable electromagnetic wave absorption and wide absorption bandwidth. Journal of Materials Science and Technology, 2021, 87, 120-132.	10.7	170
24	Dielectric properties and thermal conductivity of epoxy composites using quantum-sized silver decorated core/shell structured alumina/polydopamine. Composites Part A: Applied Science and Manufacturing, 2019, 118, 302-311.	7.6	169
25	One-dimensional Ni@Co/C@PPy composites for superior electromagnetic wave absorption. Journal of Colloid and Interface Science, 2022, 605, 483-492.	9.4	157
26	Facile synthesis of urchin-like ZnO hollow spheres with enhanced electromagnetic wave absorption properties. Materials Letters, 2015, 144, 157-160.	2.6	155
27	In situ deposition of pitaya-like Fe3O4@C magnetic microspheres on reduced graphene oxide nanosheets for electromagnetic wave absorber. Composites Part B: Engineering, 2020, 199, 108261.	12.0	153
28	MXene-based accordion 2D hybrid structure with Co9S8/C/Ti3C2Tx as efficient electromagnetic wave absorber. Chemical Engineering Journal, 2021, 414, 128875.	12.7	152
29	Layered 3D structure derived from MXene/magnetic carbon nanotubes for ultra-broadband electromagnetic wave absorption. Chemical Engineering Journal, 2022, 431, 133919.	12.7	152
30	Progress in low-frequency microwave absorbing materials. Journal of Materials Science: Materials in Electronics, 2018, 29, 17122-17136.	2.2	150
31	Tunable Co/ZnO/C@MWCNTs based on carbon nanotube-coated MOF with excellent microwave absorption properties. Journal of Materials Science and Technology, 2022, 127, 153-163.	10.7	150
32	Optimization, selective and efficient production of CNTs/Co_xFe_{3â^'x}O₄ core/shell nanocomposites as outstanding microwave absorbers. Journal of Materials Chemistry C, 2020, 8, 11936-11949.	5.5	147
33	Synthesis of NiCo-LDH/MXene hybrids with abundant heterojunction surfaces as a lightweight electromagnetic wave absorber. Chemical Engineering Journal, 2021, 419, 130019.	12.7	145
34	Synthesis of Fe3O4/carbon foams composites with broadened bandwidth and excellent electromagnetic wave absorption performance. Composites Part A: Applied Science and Manufacturing, 2019, 127, 105627.	7.6	144
35	Dependency of tunable electromagnetic wave absorption performance on morphology-controlled 3D porous carbon fabricated by biomass. Composites Communications, 2020, 21, 100404.	6.3	142
36	Facile synthesis of FeCo layered double oxide/raspberry-like carbon microspheres with hierarchical structure for electromagnetic wave absorption. Journal of Colloid and Interface Science, 2020, 566, 21-32.	9.4	140

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37	Synthesis of porous carbon embedded with NiCo/CoNiO2 hybrids composites for excellent electromagnetic wave absorption performance. Journal of Colloid and Interface Science, 2020, 575, 130-139.	9.4	139
38	Self-assembled MoS2/magnetic ferrite CuFe2O4 nanocomposite for high-efficiency microwave absorption. Chemical Engineering Journal, 2022, 429, 132253.	12.7	138
39	Design of Ti3C2Tx/TiO2/PANI multi-layer composites for excellent electromagnetic wave absorption performance. Journal of Colloid and Interface Science, 2021, 583, 510-521.	9.4	137
40	Recent Progresses of High-Temperature Microwave-Absorbing Materials. Nano, 2018, 13, 1830005.	1.0	136
41	3D flower-like Co-based oxide composites with excellent wideband electromagnetic microwave absorption. Composites Part B: Engineering, 2021, 205, 108529.	12.0	135
42	Simultaneous enhancement of recoverable energy density and efficiency of lead-free relaxor-ferroelectric BNT-based ceramics. Chemical Engineering Journal, 2020, 402, 125951.	12.7	126
43	Synthesis of 3D flower-like ZnO/ZnCo2O4 composites with the heterogeneous interface for excellent electromagnetic wave absorption properties. Journal of Colloid and Interface Science, 2021, 586, 479-490.	9.4	126
44	Engineering defects in 2D g-C₃N₄ for wideband, efficient electromagnetic absorption at elevated temperature. Journal of Materials Chemistry A, 2021, 9, 19710-19718.	10.3	126
45	Enhanced microwave absorption performance of sulfur-doped hollow carbon microspheres with mesoporous shell as a broadband absorber. Composites Communications, 2020, 19, 42-50.	6.3	125
46	Easy synthesis of multi-shelled ZnO hollow spheres and their conversion into hedgehog-like ZnO hollow spheres with superior rate performance for lithium ion batteries. Applied Surface Science, 2019, 464, 472-478.	6.1	123
47	Hierarchical Fe3O4@carbon@MnO2 hybrid for electromagnetic wave absorber. Journal of Colloid and Interface Science, 2019, 553, 465-474.	9.4	121
48	Synthesis of 3D cerium oxide/porous carbon for enhanced electromagnetic wave absorption performance. Advanced Composites and Hybrid Materials, 2021, 4, 1398-1412.	21.1	121
49	Metal-organic framework-derived NiSe2-CoSe2@C/Ti3C2Tx composites as electromagnetic wave absorbers. Chemical Engineering Journal, 2021, 422, 130079.	12.7	120
50	Multishelled Metal Oxide Hollow Spheres: Easy Synthesis and Formation Mechanism. Chemistry - A European Journal, 2016, 22, 8864-8871.	3.3	119
51	Capacitive behavior of MoS2 decorated with FeS2@carbon nanospheres. Chemical Engineering Journal, 2020, 379, 122240.	12.7	118
52	Laminated microwave absorbers of A-site cation deficiency perovskite La0.8FeO3 doped at hybrid RGO carbon. Composites Part B: Engineering, 2019, 176, 107246.	12.0	117
53	In-situ growth of core-shell ZnFe2O4 @ porous hollow carbon microspheres as an efficient microwave absorber. Journal of Colloid and Interface Science, 2021, 581, 475-484.	9.4	117
54	Construction of multiple electromagnetic loss mechanism for enhanced electromagnetic absorption performance of fish scale-derived biomass absorber. Composites Part B: Engineering, 2020, 192, 107980.	12.0	116

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55	FeNi nanoparticles embedded reduced graphene/nitrogen-doped carbon composites towards the ultra-wideband electromagnetic wave absorption. Journal of Colloid and Interface Science, 2021, 584, 382-394.	9.4	116
56	Two-dimensional nanomaterials for high-efficiency electromagnetic wave absorption: An overview of recent advances and prospects. Journal of Alloys and Compounds, 2022, 893, 162343.	5.5	115
57	Synergistic regulation of dielectric-magnetic dual-loss and triple heterointerface polarization via magnetic MXene for high-performance electromagnetic wave absorption. Journal of Materials Science and Technology, 2022, 113, 128-137.	10.7	114
58	NiCo2O4 nanosheets decorated on one-dimensional ZnFe2O4@SiO2@C nanochains with high-performance microwave absorption. Journal of Colloid and Interface Science, 2020, 578, 58-68.	9.4	110
59	One pot green synthesis and EM wave absorption performance of MoS2@nitrogen doped carbon hybrid decorated with ultrasmall cobalt ferrite nanoparticles. Carbon, 2020, 163, 202-212.	10.3	109
60	Interlayer controllable of hierarchical MWCNTs@C@FexOy cross-linked composite with wideband electromagnetic absorption performance. Composites Part A: Applied Science and Manufacturing, 2020, 128, 105687.	7.6	108
61	Synthesis, Preparation and Mechanical Property of Wood Fiber-Reinforced Poly(vinyl chloride) Composites. Journal of Nanoscience and Nanotechnology, 2017, 17, 3859-3863.	0.9	104
62	Construction of remarkable electromagnetic wave absorber from heterogeneous structure of Co-CoFe2O4@mesoporous hollow carbon spheres. Chemical Engineering Journal, 2021, 421, 129960.	12.7	104
63	Zinc ferrite composite material with controllable morphology and its applications. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2017, 224, 125-138.	3.5	103
64	In situ polymerization of modified graphene/polyimide composite with improved mechanical and thermal properties. Journal of Materials Science: Materials in Electronics, 2017, 28, 576-581.	2.2	103
65	A review of metal oxide-related microwave absorbing materials from the dimension and morphology perspective. Journal of Materials Science: Materials in Electronics, 2019, 30, 10961-10984.	2.2	103
66	Morphology-controlled synthesis, characterization and microwave absorption properties of nanostructured 3D CeO 2. Materials Science in Semiconductor Processing, 2016, 41, 6-11.	4.0	101
67	Dielectric behavior of Fe3N@C composites with green synthesis and their remarkable electromagnetic wave absorption performance. Journal of Colloid and Interface Science, 2021, 582, 515-525.	9.4	99
68	Magnetic manganese-based composites with multiple loss mechanisms towards broadband absorption. Nano Research, 2022, 15, 5590-5600.	10.4	99
69	Synergistic construction of three-dimensional conductive network and double heterointerface polarization via magnetic FeNi for broadband microwave absorption. Advanced Composites and Hybrid Materials, 2022, 5, 1030-1043.	21.1	98
70	Simultaneously enhanced dielectric properties and through-plane thermal conductivity of epoxy composites with alumina and boron nitride nanosheets. Scientific Reports, 2021, 11, 2495.	3.3	97
71	Asymmetric alicyclic amine-polyether amine molecular chain structure for improved energy storage density of high-temperature crosslinked polymer capacitor. Chemical Engineering Journal, 2020, 387, 123662.	12.7	96
72	Electromagnetic wave absorption performance of NiCo2X4 (XÂ=ÂO, S, Se, Te) spinel structures. Chemical Engineering Journal, 2021, 420, 129907.	12.7	96

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73	The effect of modified AlN on the thermal conductivity, mechanical and thermal properties of AlN/polystyrene composites. RSC Advances, 2016, 6, 102542-102548.	3.6	94
74	Design of molybdenum disulfide@polypyrrole compsite decorated with Fe3O4 and superior electromagnetic wave absorption performance. Journal of Colloid and Interface Science, 2020, 572, 227-235.	9.4	94
75	Synthesis of Mn O @C hybrid composites for optimal electromagnetic wave absorption capacity and wideband absorption. Journal of Materials Science and Technology, 2022, 103, 157-164.	10.7	94
76	The art of framework construction: hollow-structured materials toward high-efficiency electromagnetic wave absorption. Advanced Composites and Hybrid Materials, 2022, 5, 1658-1698.	21.1	94
77	Sodium citrate assisted hydrothermal synthesis of nickel cobaltate absorbers with tunable morphology and complex dielectric parameters toward efficient electromagnetic wave absorption. Applied Surface Science, 2020, 504, 144480.	6.1	92
78	Microwave absorption enhancement of 2-dimensional CoZn/C@MoS2@PPy composites derived from metal-organic framework. Journal of Colloid and Interface Science, 2021, 600, 209-218.	9.4	92
79	Facile synthesis of hierarchical A-site cation deficiency perovskite LaxFeO3-y/RGO for high efficiency microwave absorption. Composites Communications, 2020, 20, 100344.	6.3	91
80	Preparation and Characterization of Epoxy Resin Filled with Ti3C2Tx MXene Nanosheets with Excellent Electric Conductivity. Nanomaterials, 2020, 10, 162.	4.1	89
81	Recent progress of perovskite oxides and their hybrids for electromagnetic wave absorption: a mini-review. Advanced Composites and Hybrid Materials, 2022, 5, 2440-2460.	21.1	86
82	Facile synthesis and application of multi-shelled SnO₂ hollow spheres in lithium ion battery. RSC Advances, 2016, 6, 58069-58076.	3.6	85
83	Magnetic Fe nanoparticle to decorate N dotted C as an exceptionally absorption-dominate electromagnetic shielding material. Composites Part B: Engineering, 2020, 189, 107895.	12.0	85
84	N-doping activated defective Co3O4 as an efficient catalyst for low-temperature methane oxidation. Applied Catalysis B: Environmental, 2020, 269, 118757.	20.2	85
85	Design of morphology-controlled and excellent electromagnetic wave absorption performance of sheet-shaped ZnCo2O4 with a special arrangement. Journal of Alloys and Compounds, 2020, 834, 155092.	5.5	82
86	Synthesis of a hierarchical carbon fiber@cobalt ferrite@manganese dioxide composite and its application as a microwave absorber. RSC Advances, 2020, 10, 10510-10518.	3.6	82
87	Design and synthesis of NiCo/Co4S3@C hybrid material with tunable and efficient electromagnetic absorption. Journal of Colloid and Interface Science, 2021, 583, 321-330.	9.4	79
88	Two-dimensional interface engineering of NiS/MoS2/Ti3C2Tx heterostructures for promoting electromagnetic wave absorption capability. Composites Part B: Engineering, 2021, 225, 109306.	12.0	79
89	Engineering an effective MnO2 catalyst from LaMnO3 for catalytic methane combustion. Fuel, 2019, 239, 1240-1245.	6.4	78
90	A low-dielectric decoration strategy to achieve absorption dominated electromagnetic shielding material. Composites Part B: Engineering, 2020, 183, 107690.	12.0	78

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91	Sandwich-like silicon/Ti3C2Tx MXene composite by electrostatic self-assembly for high performance lithium ion battery. Energy, 2020, 195, 117047.	8.8	78
92	Tunable defects and interfaces of hierarchical dandelion-like NiCo2O4 via Ostwald ripening process for high-efficiency electromagnetic wave absorption. Chemical Engineering Journal, 2022, 429, 132547.	12.7	78
93	Facile synthesis and optical properties of Prussian Blue microcubes and hollow Fe2O3 microboxes. Materials Science in Semiconductor Processing, 2015, 30, 476-481.	4.0	77
94	Facile synthesis of N-doped carbon layer encapsulated Fe2N as an efficient catalyst for oxygen reduction reaction. Carbon, 2018, 127, 636-642.	10.3	77
95	Development of spindle-cone shaped of Fe/Î±-Fe2O3 hybrids and their superior wideband electromagnetic absorption performance. Journal of Alloys and Compounds, 2019, 799, 216-223.	5.5	75
96	Fabrication of NiFe₂O₄@carbon fiber coated with phytic acid-doped polyaniline composite and its application as an electromagnetic wave absorber. RSC Advances, 2019, 9, 25932-25941.	3.6	74
97	Facile synthesis and microwave absorbability of C@Niâ€“NiO coreâ€“shell hybrid solid sphere and multi-shelled NiO hollow sphere. Materials Characterization, 2014, 97, 18-26.	4.4	73
98	Double-shell hollow glass microspheres@Co2SiO4 for lightweight and efficient electromagnetic wave absorption. Chemical Engineering Journal, 2021, 408, 127313.	12.7	72
99	LaMnO3 perovskites via a facile nickel substitution strategy for boosting propane combustion performance. Ceramics International, 2020, 46, 6652-6662.	4.8	71
100	Facile synthesis, photoluminescence properties and microwave absorption enhancement of porous and hollow ZnO spheres. Powder Technology, 2015, 281, 20-27.	4.2	70
101	Fabrication and characterization of OMMt/BMI/CE composites with low dielectric properties and high thermal stability for electronic packaging. Journal of Materials Science: Materials in Electronics, 2016, 27, 5592-5599.	2.2	70
102	In situ synthesis and preparation of TiO2/polyimide composite containing phenolphthalein functional group. Journal of Materials Science: Materials in Electronics, 2017, 28, 6544-6551.	2.2	70
103	Core-shell Ag@C spheres derived from Ag-MOFs with tunable ligand exchanging phase inversion for electromagnetic wave absorption. Journal of Colloid and Interface Science, 2022, 620, 263-272.	9.4	70
104	MOF-derived NiFe2S4/Porous carbon composites as electromagnetic wave absorber. Journal of Colloid and Interface Science, 2022, 610, 610-620.	9.4	69
105	Twisted palladium-copper nanochains toward efficient electrocatalytic oxidation of formic acid. Journal of Colloid and Interface Science, 2019, 537, 366-374.	9.4	68
106	Enhanced breakdown strength of aligned-sodium-titanate- nanowire/epoxy nanocomposites and their anisotropic dielectric properties. Composites Part A: Applied Science and Manufacturing, 2019, 120, 84-94.	7.6	66
107	Self-assembled multi-layered hexagonal-like MWCNTs/MnF2/CoO nanocomposite with enhanced electromagnetic wave absorption. Carbon, 2022, 186, 262-272.	10.3	66
108	The Behavior of Acid Treating Carbon Fiber and the Mechanical Properties and Thermal Conductivity of Phenolic Resin Matrix Composites. Journal of Nanoscience and Nanotechnology, 2017, 17, 3786-3791.	0.9	65

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109	The Investigation of the Effect of Filler Sizes in 3D-BN Skeletons on Thermal Conductivity of Epoxy-Based Composites. Nanomaterials, 2022, 12, 446.	4.1	64
110	Fabrication of one-dimensional ZnFe2O4@carbon@MoS2/FeS2 composites as electromagnetic wave absorber. Journal of Colloid and Interface Science, 2021, 600, 90-98.	9.4	62
111	The curing reaction of benzoxazine with bismaleimide/cyanate ester resin and the properties of the terpolymer. Polymer, 2015, 77, 354-360.	3.8	61
112	Multi-shelled NiO hollow spheres: Easy hydrothermal synthesis and lithium storage performances. Journal of Alloys and Compounds, 2016, 685, 8-14.	5.5	61
113	Metal-organic framework-derived CoSn/NC nanocubes as absorbers for electromagnetic wave attenuation. Journal of Materials Science and Technology, 2022, 108, 236-243.	10.7	61
114	Interconnected magnetic carbon@NixCo1-xFe2O4 nanospheres with coreâ€“shell structure: An efficient and thin electromagnetic wave absorber. Journal of Colloid and Interface Science, 2022, 606, 526-536.	9.4	57
115	Alignment of Boron Nitride Nanofibers in Epoxy Composite Films for Thermal Conductivity and Dielectric Breakdown Strength Improvement. Nanomaterials, 2018, 8, 242.	4.1	56
116	Facile synthesis of the one-dimensional flower-like yolk-shell Fe3O4@SiO2@NiO nanochains composites for high-performance microwave absorption. Journal of Alloys and Compounds, 2020, 843, 155199.	5.5	54
117	Synthesis and microwave absorption properties of coralloid core-shell structure NiS/Ni3S4@PPy@MoS2 nanowires. Journal of Colloid and Interface Science, 2021, 599, 262-270.	9.4	54
118	Porous magnetic carbon CoFe alloys@ZnO@C composites based on Zn/Co-based bimetallic MOF with efficient electromagnetic wave absorption. Journal of Colloid and Interface Science, 2021, 604, 39-51.	9.4	54
119	Structure regulation in N-doping biconical carbon frame decorated with CoFe2O4 and (Fe,Ni) for broadband microwave absorption. Chemical Engineering Journal, 2022, 446, 136975.	12.7	53
120	Investigation of the dielectric and thermal conductive properties of coreâ€“shell structured HGM@hBN/PTFE composites. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2018, 238-239, 61-70.	3.5	52
121	Simultaneously Enhanced Thermal Conductivity and Dielectric Breakdown Strength in Sandwich AlN/Epoxy Composites. Nanomaterials, 2021, 11, 1898.	4.1	52
122	The effect of bis allyl benzoxazine on the thermal, mechanical and dielectric properties of bismaleimideâ€“cyanate blend polymers. RSC Advances, 2015, 5, 58821-58831.	3.6	51
123	Fabrication of NixCo3-xS4 hollow nanosphere as wideband electromagnetic absorber at thin matched thickness. Ceramics International, 2019, 45, 15854-15859.	4.8	51
124	Fabrication and characterization of AlN/PTFE composites with low dielectric constant and high thermal stability for electronic packaging. Journal of Materials Science: Materials in Electronics, 2016, 27, 286-292.	2.2	50
125	Tunable microwave absorbing property of LaxFeO3/C by introducing A-site cation deficiency. Journal of Materials Science: Materials in Electronics, 2019, 30, 13474-13487.	2.2	50
126	Electrochemical properties of colloidal nanocrystal assemblies of manganese ferrite as the electrode materials for supercapacitors. Journal of Materials Science, 2017, 52, 5359-5365.	3.7	49

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127	Synthesis, characterization and microwave transparent properties of Mn3O4 microspheres. Journal of Materials Science: Materials in Electronics, 2019, 30, 8771-8776.	2.2	48
128	Mechanical, thermal conductive and dielectrical properties of organic montmorillonite reinforced benzoxazine/cyanate ester copolymer for electronic packaging. Journal of Materials Science: Materials in Electronics, 2016, 27, 8279-8287.	2.2	47
129	Preparation and Characterization of Carbon Nanotubes/Carbon Fiber/Phenolic Composites on Mechanical and Thermal Conductivity Properties. Nano, 2018, 13, 1850037.	1.0	44
130	Hierarchical zinc oxide/reduced graphene oxide composite: Preparation route, mechanism study and lithium ion storage. Journal of Colloid and Interface Science, 2019, 548, 233-243.	9.4	42
131	Tailoring nanoparticles composites derived from metal-organic framework as electromagnetic wave absorber. Materials Today Physics, 2021, 20, 100475.	6.0	42
132	A sandwich-like Si/SiC/nanographite sheet as a high performance anode for lithium-ion batteries. Dalton Transactions, 2019, 48, 17683-17690.	3.3	41
133	Recent progress of MOF-derived porous carbon materials for microwave absorption. RSC Advances, 2021, 11, 16572-16591.	3.6	41
134	Preparation and characterization of bismaleimide-triazine/epoxy interpenetrating polymer networks. Thermochimica Acta, 2012, 537, 44-50.	2.7	40
135	Preparation and characterization of novel dicyanate/benzoxazine/bismaleimide copolymer. Thermochimica Acta, 2013, 559, 86-91.	2.7	40
136	Synthesis of yolk-shell structure Fe3O4/P(MAA-MBAA)-PPy/Au/ void/TiO2 magnetic microspheres as visible light active photocatalyst for degradation of organic pollutants. Journal of Alloys and Compounds, 2019, 810, 151807.	5.5	39
137	Urchin-like polyaniline/magnetic carbon sphere hybrid with excellent electromagnetic wave absorption performance. Synthetic Metals, 2019, 248, 59-67.	3.9	39
138	A Facile, One-Step Synthesis of Silicon/Silicon Carbide/Carbon Nanotube Nanocomposite as a Cycling-Stable Anode for Lithium Ion Batteries. Nanomaterials, 2019, 9, 1624.	4.1	39
139	Porous high entropy alloys for electromagnetic wave absorption. Journal of Magnetism and Magnetic Materials, 2020, 512, 167065.	2.3	39
140	Three-dimensionally ordered macroporous MnSmO composite oxides for propane combustion: Modification effect of Sm dopant. Catalysis Today, 2021, 376, 211-221.	4.4	37
141	Synthesis of NiCo2-0.5xCr2O3@C nanoparticles based on hydroxide with the heterogeneous interface for excellent electromagnetic wave absorption properties. Composites Communications, 2022, 29, 100993.	6.3	37
142	Thermal conductivity and dielectric properties of bismaleimide/cyanate ester copolymer. High Voltage, 2017, 2, 167-171.	4.7	35
143	RGO-supported core-shell SiO2@SiO2/carbon microsphere with adjustable microwave absorption properties. Ceramics International, 2020, 46, 14985-14993.	4.8	35
144	Fabrication of flower-like surface Ni@Co3O4 nanowires anchored on RGO nanosheets for high-performance microwave absorption. Applied Surface Science, 2021, 565, 150483.	6.1	35

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145	Porous carbon sphere decorated with Co/Ni nanoparticles for strong and broadband electromagnetic dissipation. Carbon, 2022, 197, 389-399.	10.3	35
146	Improved reversible dehydrogenation properties of MgH2 by the synergetic effects of graphene oxide-based porous carbon and TiCl3. International Journal of Hydrogen Energy, 2018, 43, 7440-7446.	7.1	34
147	Fabrication and characterization of micro-nano AlN co-filled PTFE composites with enhanced thermal conductivity: a morphology-promoted synergistic effect. Journal of Materials Science: Materials in Electronics, 2016, 27, 11909-11916.	2.2	33
148	In situ constructed honeycomb-like NiFe2O4@Ni@C composites as efficient electromagnetic wave absorber. Journal of Colloid and Interface Science, 2022, 608, 2849-2859.	9.4	33
149	Functionalized Multiwalled Carbon Nanotube-Reinforced Polyimide Composite Films with Enhanced Mechanical and Thermal Properties. International Journal of Polymer Science, 2019, 2019, 1-12.	2.7	31
150	Construction of metal-organic framework derived Co/ZnO/Ti3C2Tx composites for excellent microwave absorption. Sustainable Materials and Technologies, 2020, 26, e00219.	3.3	30
151	Synthesis of a bismaleimide/cyanate ester copolymer containing phenolphthalein functional group with excellent dielectric properties and thermally stable. Journal of Polymer Research, 2014, 21, 1.	2.4	28
152	The desirable dielectric properties and high thermal conductivity of epoxy composites with the cobweb-structured SiCnwâ€“SiO2â€“NH2 hybrids. Journal of Materials Science: Materials in Electronics, 2021, 32, 20973-20984.	2.2	27
153	Electromagnetic absorbers with Schottky contacts derived from interfacial ligand exchanging metal-organic frameworks. Journal of Colloid and Interface Science, 2021, 600, 288-298.	9.4	27
154	The effect of functionalized benzoxazine with allyl groups on the dielectric, mechanical and thermal properties of BMI/BADCy composites. RSC Advances, 2015, 5, 99313-99321.	3.6	23
155	Controlling the heterogeneous interfaces of Fe3O4/N-doped porous carbon via facile swelling for enhancing the electromagnetic wave absorption. Composites Communications, 2022, 29, 101052.	6.3	23
156	Dielectric and thermal properties of epoxy resins with TiO2 nanowires. Journal of Materials Science: Materials in Electronics, 2017, 28, 17871-17880.	2.2	22
157	Simple and effective synthesis of zinc ferrite nanoparticle immobilized by reduced graphene oxide as anode for lithium-ion batteries. Journal of Colloid and Interface Science, 2021, 584, 827-837.	9.4	22
158	Synthesis of a zinc ferrite effectively encapsulated by reduced graphene oxide composite anode material for high-rate lithium ion storage. Journal of Colloid and Interface Science, 2020, 579, 723-732.	9.4	21
159	Thermal, mechanical and dielectric properties of BMI modified by the Bis allyl benzoxazine. Journal of Polymer Research, 2015, 22, 1.	2.4	20
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161	Covalent Bonding of Si Nanoparticles on Graphite Nanosheets as Anodes for Lithium-Ion Batteries Using Diazonium Chemistry. Nanomaterials, 2019, 9, 1741.	4.1	20
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