

Guanglei Wu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/548184/publications.pdf>

Version: 2024-02-01

202
papers

16,969
citations

5896

81
h-index

17592

121
g-index

202
all docs

202
docs citations

202
times ranked

7148
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable defects and interfaces of hierarchical dandelion-like NiCo ₂ O ₄ via Ostwald ripening process for high-efficiency electromagnetic wave absorption. <i>Chemical Engineering Journal</i> , 2022, 429, 132547.	12.7	78
2	Interconnected magnetic carbon@Ni _x Co _{1-x} Fe ₂ O ₄ nanospheres with core-shell structure: An efficient and thin electromagnetic wave absorber. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 526-536.	9.4	57
3	One-dimensional Ni@Co/C@PPy composites for superior electromagnetic wave absorption. <i>Journal of Colloid and Interface Science</i> , 2022, 605, 483-492.	9.4	157
4	Self-assembled MoS ₂ /magnetic ferrite CuFe ₂ O ₄ nanocomposite for high-efficiency microwave absorption. <i>Chemical Engineering Journal</i> , 2022, 429, 132253.	12.7	138
5	Synthesis of Mn O @C hybrid composites for optimal electromagnetic wave absorption capacity and wideband absorption. <i>Journal of Materials Science and Technology</i> , 2022, 103, 157-164.	10.7	94
6	Sodium carboxymethylcellulose induced engineering a porous carbon and graphene immobilized magnetite composite for lithium-ion storage. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 1707-1717.	9.4	6
7	Metal-organic framework-derived CoSn/NC nanocubes as absorbers for electromagnetic wave attenuation. <i>Journal of Materials Science and Technology</i> , 2022, 108, 236-243.	10.7	61
8	Self-assembled multi-layered hexagonal-like MWCNTs/MnF ₂ /CoO nanocomposite with enhanced electromagnetic wave absorption. <i>Carbon</i> , 2022, 186, 262-272.	10.3	66
9	Two-dimensional nanomaterials for high-efficiency electromagnetic wave absorption: An overview of recent advances and prospects. <i>Journal of Alloys and Compounds</i> , 2022, 893, 162343.	5.5	115
10	Synthesis of NiCo _{2-0.5x} Cr ₂ O ₃ @C nanoparticles based on hydroxide with the heterogeneous interface for excellent electromagnetic wave absorption properties. <i>Composites Communications</i> , 2022, 29, 100993.	6.3	37
11	In situ constructed honeycomb-like NiFe ₂ O ₄ @Ni@C composites as efficient electromagnetic wave absorber. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 2849-2859.	9.4	33
12	MOF-derived NiFe ₂ S ₄ /Porous carbon composites as electromagnetic wave absorber. <i>Journal of Colloid and Interface Science</i> , 2022, 610, 610-620.	9.4	69
13	Layered 3D structure derived from MXene/magnetic carbon nanotubes for ultra-broadband electromagnetic wave absorption. <i>Chemical Engineering Journal</i> , 2022, 431, 133919.	12.7	152
14	Synergistic regulation of dielectric-magnetic dual-loss and triple heterointerface polarization via magnetic MXene for high-performance electromagnetic wave absorption. <i>Journal of Materials Science and Technology</i> , 2022, 113, 128-137.	10.7	114
15	The Investigation of the Effect of Filler Sizes in 3D-BN Skeletons on Thermal Conductivity of Epoxy-Based Composites. <i>Nanomaterials</i> , 2022, 12, 446.	4.1	64
16	Controlling the heterogeneous interfaces of Fe ₃ O ₄ /N-doped porous carbon via facile swelling for enhancing the electromagnetic wave absorption. <i>Composites Communications</i> , 2022, 29, 101052.	6.3	23
17	Synergistic construction of three-dimensional conductive network and double heterointerface polarization via magnetic FeNi for broadband microwave absorption. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 1030-1043.	21.1	98
18	Hierarchical porous carbon prepared using swelling-induced biomass structure-controllable method with excellent microwave absorption performance. <i>Materials Chemistry and Physics</i> , 2022, 279, 125739.	4.0	12

#	ARTICLE	IF	CITATIONS
19	Magnetic manganese-based composites with multiple loss mechanisms towards broadband absorption. <i>Nano Research</i> , 2022, 15, 5590-5600.	10.4	99
20	Core-shell Ag@C spheres derived from Ag-MOFs with tunable ligand exchanging phase inversion for electromagnetic wave absorption. <i>Journal of Colloid and Interface Science</i> , 2022, 620, 263-272.	9.4	70
21	Tunable Co/ZnO/C@MWCNTs based on carbon nanotube-coated MOF with excellent microwave absorption properties. <i>Journal of Materials Science and Technology</i> , 2022, 127, 153-163.	10.7	150
22	Recent progress of perovskite oxides and their hybrids for electromagnetic wave absorption: a mini-review. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 2440-2460.	21.1	86
23	Structure regulation in N-doping biconical carbon frame decorated with CoFe ₂ O ₄ and (Fe,Ni) for broadband microwave absorption. <i>Chemical Engineering Journal</i> , 2022, 446, 136975.	12.7	53
24	Metal-coordination-driven self-assembly synthesis of porous iron/carbon composite for high-efficiency electromagnetic wave absorption. <i>Journal of Colloid and Interface Science</i> , 2022, 623, 1002-1014.	9.4	14
25	The art of framework construction: hollow-structured materials toward high-efficiency electromagnetic wave absorption. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 1658-1698.	21.1	94
26	Porous carbon sphere decorated with Co/Ni nanoparticles for strong and broadband electromagnetic dissipation. <i>Carbon</i> , 2022, 197, 389-399.	10.3	35
27	Construction of heterointerfaces and honeycomb-like structure for ultrabroad microwave absorption. <i>Journal of Colloid and Interface Science</i> , 2022, 627, 102-112.	9.4	15
28	Honey-comb carbon nanostructure derived from peach gum to yield high microwave absorption. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 25829-25839.	2.2	4
29	Three-dimensionally ordered macroporous MnSmO composite oxides for propane combustion: Modification effect of Sm dopant. <i>Catalysis Today</i> , 2021, 376, 211-221.	4.4	37
30	Hierarchical composite of biomass derived magnetic carbon framework and phytic acid doped polyaniline with prominent electromagnetic wave absorption capacity. <i>Journal of Materials Science and Technology</i> , 2021, 68, 61-69.	10.7	224
31	In-situ growth of core-shell ZnFe ₂ O ₄ @ porous hollow carbon microspheres as an efficient microwave absorber. <i>Journal of Colloid and Interface Science</i> , 2021, 581, 475-484.	9.4	117
32	Design and synthesis of NiCo/Co ₄ S ₃ @C hybrid material with tunable and efficient electromagnetic absorption. <i>Journal of Colloid and Interface Science</i> , 2021, 583, 321-330.	9.4	79
33	Dielectric behavior of Fe ₃ N@C composites with green synthesis and their remarkable electromagnetic wave absorption performance. <i>Journal of Colloid and Interface Science</i> , 2021, 582, 515-525.	9.4	99
34	FeNi nanoparticles embedded reduced graphene/nitrogen-doped carbon composites towards the ultra-wideband electromagnetic wave absorption. <i>Journal of Colloid and Interface Science</i> , 2021, 584, 382-394.	9.4	116
35	Double-shell hollow glass microspheres@Co ₂ SiO ₄ for lightweight and efficient electromagnetic wave absorption. <i>Chemical Engineering Journal</i> , 2021, 408, 127313.	12.7	72
36	Design of Ti ₃ C ₂ T _x /TiO ₂ /PANI multi-layer composites for excellent electromagnetic wave absorption performance. <i>Journal of Colloid and Interface Science</i> , 2021, 583, 510-521.	9.4	137

#	ARTICLE	IF	CITATIONS
37	Simple and effective synthesis of zinc ferrite nanoparticle immobilized by reduced graphene oxide as anode for lithium-ion batteries. <i>Journal of Colloid and Interface Science</i> , 2021, 584, 827-837.	9.4	22
38	3D flower-like Co-based oxide composites with excellent wideband electromagnetic microwave absorption. <i>Composites Part B: Engineering</i> , 2021, 205, 108529.	12.0	135
39	Morphology-control synthesis of polyaniline decorative porous carbon with remarkable electromagnetic wave absorption capabilities. <i>Composites Part B: Engineering</i> , 2021, 204, 108491.	12.0	182
40	Synthesis of 3D flower-like ZnO/ZnCo ₂ O ₄ composites with the heterogeneous interface for excellent electromagnetic wave absorption properties. <i>Journal of Colloid and Interface Science</i> , 2021, 586, 479-490.	9.4	126
41	Simultaneously enhanced dielectric properties and through-plane thermal conductivity of epoxy composites with alumina and boron nitride nanosheets. <i>Scientific Reports</i> , 2021, 11, 2495.	3.3	97
42	Recent progress of MOF-derived porous carbon materials for microwave absorption. <i>RSC Advances</i> , 2021, 11, 16572-16591.	3.6	41
43	Engineering defects in 2D g-C ₃ N ₄ for wideband, efficient electromagnetic absorption at elevated temperature. <i>Journal of Materials Chemistry A</i> , 2021, 9, 19710-19718.	10.3	126
44	A flexible electromagnetic wave-electricity harvester. <i>Nature Communications</i> , 2021, 12, 834.	12.8	269
45	MXene-based accordion 2D hybrid structure with Co ₉ S ₈ /C/Ti ₃ C ₂ T _x as efficient electromagnetic wave absorber. <i>Chemical Engineering Journal</i> , 2021, 414, 128875.	12.7	152
46	Synthesis of 3D cerium oxide/porous carbon for enhanced electromagnetic wave absorption performance. <i>Advanced Composites and Hybrid Materials</i> , 2021, 4, 1398-1412.	21.1	121
47	Simultaneously Enhanced Thermal Conductivity and Dielectric Breakdown Strength in Sandwich AlN/Epoxy Composites. <i>Nanomaterials</i> , 2021, 11, 1898.	4.1	52
48	Hierarchical Fe ₃ O ₄ /Fe@C@MoS ₂ core-shell nanofibers for efficient microwave absorption. <i>Carbon</i> , 2021, 179, 646-654.	10.3	192
49	The desirable dielectric properties and high thermal conductivity of epoxy composites with the cobweb-structured SiCnw@SiO ₂ @NH ₂ hybrids. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 20973-20984.	2.2	27
50	Construction of 1D Heterostructure NiCo@C/ZnO Nanorod with Enhanced Microwave Absorption. <i>Nano-Micro Letters</i> , 2021, 13, 175.	27.0	261
51	Synthesis of NiCo-LDH/MXene hybrids with abundant heterojunction surfaces as a lightweight electromagnetic wave absorber. <i>Chemical Engineering Journal</i> , 2021, 419, 130019.	12.7	145
52	Electromagnetic wave absorption performance of NiCo ₂ X ₄ (X = O, S, Se, Te) spinel structures. <i>Chemical Engineering Journal</i> , 2021, 420, 129907.	12.7	96
53	Facile fabrication of porous hexagonal γ-Co@C core-shell composites with excellent microwave-absorbing properties. <i>Journal of Alloys and Compounds</i> , 2021, 874, 159815.	5.5	17
54	Tailoring nanoparticles composites derived from metal-organic framework as electromagnetic wave absorber. <i>Materials Today Physics</i> , 2021, 20, 100475.	6.0	42

#	ARTICLE	IF	CITATIONS
55	Synthesis and microwave absorption properties of coraloid core-shell structure NiS/Ni ₃ S ₄ @PPy@MoS ₂ nanowires. <i>Journal of Colloid and Interface Science</i> , 2021, 599, 262-270.	9.4	54
56	Electromagnetic absorbers with Schottky contacts derived from interfacial ligand exchanging metal-organic frameworks. <i>Journal of Colloid and Interface Science</i> , 2021, 600, 288-298.	9.4	27
57	Metal-organic framework-derived NiSe ₂ -CoSe ₂ @C/Ti ₃ C ₂ Tx composites as electromagnetic wave absorbers. <i>Chemical Engineering Journal</i> , 2021, 422, 130079.	12.7	120
58	Microwave absorption enhancement of 2-dimensional CoZn/C@MoS ₂ @PPy composites derived from metal-organic framework. <i>Journal of Colloid and Interface Science</i> , 2021, 600, 209-218.	9.4	92
59	Construction of remarkable electromagnetic wave absorber from heterogeneous structure of Co-CoFe ₂ O ₄ @mesoporous hollow carbon spheres. <i>Chemical Engineering Journal</i> , 2021, 421, 129960.	12.7	104
60	Fabrication of one-dimensional ZnFe ₂ O ₄ @carbon@MoS ₂ /FeS ₂ composites as electromagnetic wave absorber. <i>Journal of Colloid and Interface Science</i> , 2021, 600, 90-98.	9.4	62
61	Engineering tin dioxide quantum dots in a hierarchical graphite and graphene oxide framework for lithium-ion storage. <i>Journal of Colloid and Interface Science</i> , 2021, 600, 649-659.	9.4	11
62	Controllable synthesis of Ni/NiO@porous carbon hybrid composites towards remarkable electromagnetic wave absorption and wide absorption bandwidth. <i>Journal of Materials Science and Technology</i> , 2021, 87, 120-132.	10.7	170
63	Two-dimensional interface engineering of NiS/MoS ₂ /Ti ₃ C ₂ Tx heterostructures for promoting electromagnetic wave absorption capability. <i>Composites Part B: Engineering</i> , 2021, 225, 109306.	12.0	79
64	Fabrication of flower-like surface Ni@Co ₃ O ₄ nanowires anchored on RGO nanosheets for high-performance microwave absorption. <i>Applied Surface Science</i> , 2021, 565, 150483.	6.1	35
65	Porous magnetic carbon CoFe alloys@ZnO@C composites based on Zn/Co-based bimetallic MOF with efficient electromagnetic wave absorption. <i>Journal of Colloid and Interface Science</i> , 2021, 604, 39-51.	9.4	54
66	Spray drying Induced Engineering a Hierarchical Reduced Graphene Oxide Supported Heterogeneous Tin Dioxide and Zinc Oxide for Lithium-ion Storage. <i>Journal of Colloid and Interface Science</i> , 2021, 608, 1758-1768.	9.4	4
67	Novel binary cobalt nickel oxide hollowed-out spheres for electromagnetic absorption applications. <i>Chemical Engineering Journal</i> , 2020, 382, 122797.	12.7	182
68	Capacitive behavior of MoS ₂ decorated with FeS ₂ @carbon nanospheres. <i>Chemical Engineering Journal</i> , 2020, 379, 122240.	12.7	118
69	Interlayer controllable of hierarchical MWCNTs@C@FexOy cross-linked composite with wideband electromagnetic absorption performance. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020, 128, 105687.	7.6	108
70	Preparation of two-dimensional titanium carbide (Ti ₃ C ₂ Tx) and NiCo ₂ O ₄ composites to achieve excellent microwave absorption properties. <i>Composites Part B: Engineering</i> , 2020, 180, 107577.	12.0	201
71	Sodium citrate assisted hydrothermal synthesis of nickel cobaltate absorbers with tunable morphology and complex dielectric parameters toward efficient electromagnetic wave absorption. <i>Applied Surface Science</i> , 2020, 504, 144480.	6.1	92
72	Asymmetric alicyclic amine-polyether amine molecular chain structure for improved energy storage density of high-temperature crosslinked polymer capacitor. <i>Chemical Engineering Journal</i> , 2020, 387, 123662.	12.7	96

#	ARTICLE	IF	CITATIONS
73	A low-dielectric decoration strategy to achieve absorption dominated electromagnetic shielding material. <i>Composites Part B: Engineering</i> , 2020, 183, 107690.	12.0	78
74	LaMnO ₃ perovskites via a facile nickel substitution strategy for boosting propane combustion performance. <i>Ceramics International</i> , 2020, 46, 6652-6662.	4.8	71
75	Preparation of Ionic Liquid-Coated Graphene Nanosheets/PTFE Nanocomposite for Stretchable, Flexible Conductor via a Pre-Stretch Processing. <i>Nanomaterials</i> , 2020, 10, 40.	4.1	4
76	Effective Cocatalyst Pt/PtO Nanodots on La ₂ O ₃ Microspheres for Degradation of Methyl Orange. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 3140-3147.	0.9	13
77	Synthesis of a zinc ferrite effectively encapsulated by reduced graphene oxide composite anode material for high-rate lithium ion storage. <i>Journal of Colloid and Interface Science</i> , 2020, 579, 723-732.	9.4	21
78	Optimization, selective and efficient production of CNTs/Co _x Fe _{3-x} O ₄ core/shell nanocomposites as outstanding microwave absorbers. <i>Journal of Materials Chemistry C</i> , 2020, 8, 11936-11949.	5.5	147
79	In situ deposition of pitaya-like Fe ₃ O ₄ @C magnetic microspheres on reduced graphene oxide nanosheets for electromagnetic wave absorber. <i>Composites Part B: Engineering</i> , 2020, 199, 108261.	12.0	153
80	Dependency of tunable electromagnetic wave absorption performance on morphology-controlled 3D porous carbon fabricated by biomass. <i>Composites Communications</i> , 2020, 21, 100404.	6.3	142
81	Construction of metal-organic framework derived Co/ZnO/Ti ₃ C ₂ T _x composites for excellent microwave absorption. <i>Sustainable Materials and Technologies</i> , 2020, 26, e00219.	3.3	30
82	Synthesis of a Carbon-Loaded Bi ₂ O ₂ CO ₃ /TiO ₂ Photocatalyst with Improved Photocatalytic Degradation of Methyl Orange Dye. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 7653-7658.	0.9	12
83	Design of morphology-controlled and excellent electromagnetic wave absorption performance of sheet-shaped ZnCo ₂ O ₄ with a special arrangement. <i>Journal of Alloys and Compounds</i> , 2020, 834, 155092.	5.5	82
84	Porous high entropy alloys for electromagnetic wave absorption. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 512, 167065.	2.3	39
85	Facile synthesis of hierarchical A-site cation deficiency perovskite La _x FeO _{3-y} /RGO for high efficiency microwave absorption. <i>Composites Communications</i> , 2020, 20, 100344.	6.3	91
86	Facile synthesis of the one-dimensional flower-like yolk-shell Fe ₃ O ₄ @SiO ₂ @NiO nanochains composites for high-performance microwave absorption. <i>Journal of Alloys and Compounds</i> , 2020, 843, 155199.	5.5	54
87	Synthesis of a hierarchical carbon fiber@cobalt ferrite@manganese dioxide composite and its application as a microwave absorber. <i>RSC Advances</i> , 2020, 10, 10510-10518.	3.6	82
88	One pot green synthesis and EM wave absorption performance of MoS ₂ @nitrogen doped carbon hybrid decorated with ultrasmall cobalt ferrite nanoparticles. <i>Carbon</i> , 2020, 163, 202-212.	10.3	109
89	Enhanced microwave absorption performance of sulfur-doped hollow carbon microspheres with mesoporous shell as a broadband absorber. <i>Composites Communications</i> , 2020, 19, 42-50.	6.3	125
90	RGO-supported core-shell SiO ₂ @SiO ₂ /carbon microsphere with adjustable microwave absorption properties. <i>Ceramics International</i> , 2020, 46, 14985-14993.	4.8	35

#	ARTICLE	IF	CITATIONS
91	Controlled engineering of nano-sized FeOOH@ZnO hetero-structures on reduced graphene oxide for lithium-ion storage and photo-Fenton reaction. <i>CrystEngComm</i> , 2020, 22, 2827-2836.	2.6	12
92	Construction of multiple electromagnetic loss mechanism for enhanced electromagnetic absorption performance of fish scale-derived biomass absorber. <i>Composites Part B: Engineering</i> , 2020, 192, 107980.	12.0	116
93	Magnetic Fe nanoparticle to decorate N dotted C as an exceptionally absorption-dominate electromagnetic shielding material. <i>Composites Part B: Engineering</i> , 2020, 189, 107895.	12.0	85
94	Simultaneous enhancement of recoverable energy density and efficiency of lead-free relaxor-ferroelectric BNT-based ceramics. <i>Chemical Engineering Journal</i> , 2020, 402, 125951.	12.7	126
95	Effect of fiber diameter on thermal properties of short-glass-fiber-reinforced PTFE-based composites. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 10715-10723.	2.2	9
96	N-doping activated defective Co ₃ O ₄ as an efficient catalyst for low-temperature methane oxidation. <i>Applied Catalysis B: Environmental</i> , 2020, 269, 118757.	20.2	85
97	Immobilization of zinc oxide nanoparticles on graphene sheets for lithium ion storage and electromagnetic microwave absorption. <i>Materials Chemistry and Physics</i> , 2020, 245, 122766.	4.0	14
98	Facile synthesis of FeCo layered double oxide/raspberry-like carbon microspheres with hierarchical structure for electromagnetic wave absorption. <i>Journal of Colloid and Interface Science</i> , 2020, 566, 21-32.	9.4	140
99	Sandwich-like silicon/Ti ₃ C ₂ T _x MXene composite by electrostatic self-assembly for high performance lithium ion battery. <i>Energy</i> , 2020, 195, 117047.	8.8	78
100	Preparation and Characterization of Epoxy Resin Filled with Ti ₃ C ₂ T _x MXene Nanosheets with Excellent Electric Conductivity. <i>Nanomaterials</i> , 2020, 10, 162.	4.1	89
101	Synthesis of porous carbon embedded with NiCo/CoNiO ₂ hybrids composites for excellent electromagnetic wave absorption performance. <i>Journal of Colloid and Interface Science</i> , 2020, 575, 130-139.	9.4	139
102	Design of molybdenum disulfide@polypyrrole compsite decorated with Fe ₃ O ₄ and superior electromagnetic wave absorption performance. <i>Journal of Colloid and Interface Science</i> , 2020, 572, 227-235.	9.4	94
103	NiCo ₂ O ₄ nanosheets decorated on one-dimensional ZnFe ₂ O ₄ @SiO ₂ @C nanochains with high-performance microwave absorption. <i>Journal of Colloid and Interface Science</i> , 2020, 578, 58-68.	9.4	110
104	Laminated microwave absorbers of A-site cation deficiency perovskite La _{0.8} FeO ₃ doped at hybrid RGO carbon. <i>Composites Part B: Engineering</i> , 2019, 176, 107246.	12.0	117
105	Fabrication of NiFe ₂ O ₄ @carbon fiber coated with phytic acid-doped polyaniline composite and its application as an electromagnetic wave absorber. <i>RSC Advances</i> , 2019, 9, 25932-25941.	3.6	74
106	Facile synthesis of ellipsoid-like MgCo ₂ O ₄ /Co ₃ O ₄ composites for strong wideband microwave absorption application. <i>Composites Part B: Engineering</i> , 2019, 176, 107240.	12.0	177
107	Influence of crystalline and amorphous microscopic morphology on the capacitance performance and electrochromic phenomenon of triazine-based polyimides. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 13047-13055.	2.2	1
108	Electrostatic self-assembly synthesis of ZnFe ₂ O ₄ quantum dots (ZnFe ₂ O ₄ @C) and electromagnetic microwave absorption. <i>Composites Part B: Engineering</i> , 2019, 179, 107417.	12.0	195

#	ARTICLE	IF	CITATIONS
109	Improved Thermal Conductivity and Mechanical Property of PTFE Reinforced with Al ₂ O ₃ . Nano, 2019, 14, 1950064.	1.0	8
110	Synthesis of yolk-shell structure Fe ₃ O ₄ /P(MAA-MBAA)-PPy/Au/void/TiO ₂ magnetic microspheres as visible light active photocatalyst for degradation of organic pollutants. Journal of Alloys and Compounds, 2019, 810, 151807.	5.5	39
111	Synthesis of Fe ₃ O ₄ /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
112	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
113	Morphology-dependent electromagnetic wave absorbing properties of iron-based absorbers: one-dimensional, two-dimensional, and three-dimensional classification. EPJ Applied Physics, 2019, 87, 20901.	0.7	14
114	Urchin-like polyaniline/magnetic carbon sphere hybrid with excellent electromagnetic wave absorption performance. Synthetic Metals, 2019, 248, 59-67.	3.9	39
115	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
116	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
117	Hierarchical Fe ₃ O ₄ @carbon@MnO ₂ hybrid for electromagnetic wave absorber. Journal of Colloid and Interface Science, 2019, 553, 465-474.	9.4	121
118	Tunable microwave absorbing property of La _x FeO ₃ /C by introducing A-site cation deficiency. Journal of Materials Science: Materials in Electronics, 2019, 30, 13474-13487.	2.2	50
119	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
120	Development of spindle-cone shaped of Fe _{1±} -Fe ₂ O ₃ hybrids and their superior wideband electromagnetic absorption performance. Journal of Alloys and Compounds, 2019, 799, 216-223.	5.5	75
121	Pt/Ni _{0.17} Zn _{0.83} O hybrids with enhanced photocatalytic performance: Effect of reduction treatments. Results in Physics, 2019, 14, 102434.	4.1	7
122	Performance Analysis of Carbon Black/Carbon-Fiber Double-Layer Spacer Fabric/Epoxy Resin Composite Materials. Fibers and Polymers, 2019, 20, 856-862.	2.1	5
123	Fabrication of Ni _x Co _{3-x} S ₄ hollow nanosphere as wideband electromagnetic absorber at thin matched thickness. Ceramics International, 2019, 45, 15854-15859.	4.8	51
124	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
125	Manganese dioxide nanosheet assemblies as electrode materials for electrocapacitive storage of magnesium ions. Electrochimica Acta, 2019, 308, 150-157.	5.2	13
126	Synthesis of Ti ₃ C ₂ /Fe ₃ O ₄ /PANI hierarchical architecture composite as an efficient wide-band electromagnetic absorber. Applied Surface Science, 2019, 480, 830-838.	6.1	216

#	ARTICLE	IF	CITATIONS
127	Mesoporous carbon hollow microspheres with tunable pore size and shell thickness as efficient electromagnetic wave absorbers. <i>Composites Part B: Engineering</i> , 2019, 167, 690-699.	12.0	194
128	Synthesis, characterization and microwave transparent properties of Mn ₃ O ₄ microspheres. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 8771-8776.	2.2	48
129	Preparation of magnetic Fe ₃ O ₄ /P (GMA- ϵ -DVB)- ϵ -PEI/Pd highly efficient catalyst with core-shell structure. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4850.	3.5	14
130	Enhanced breakdown strength of aligned-sodium-titanate-nanowire/epoxy nanocomposites and their anisotropic dielectric properties. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 120, 84-94.	7.6	66
131	A Facile, One-Step Synthesis of Silicon/Silicon Carbide/Carbon Nanotube Nanocomposite as a Cycling-Stable Anode for Lithium Ion Batteries. <i>Nanomaterials</i> , 2019, 9, 1624.	4.1	39
132	A sandwich-like Si/SiC/nanographite sheet as a high performance anode for lithium-ion batteries. <i>Dalton Transactions</i> , 2019, 48, 17683-17690.	3.3	41
133	Covalent Bonding of Si Nanoparticles on Graphite Nanosheets as Anodes for Lithium-Ion Batteries Using Diazonium Chemistry. <i>Nanomaterials</i> , 2019, 9, 1741.	4.1	20
134	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. <i>Applied Surface Science</i> , 2019, 464, 472-478.	6.1	123
135	Twisted palladium-copper nanochains toward efficient electrocatalytic oxidation of formic acid. <i>Journal of Colloid and Interface Science</i> , 2019, 537, 366-374.	9.4	68
136	Dielectric properties and thermal conductivity of epoxy composites using quantum-sized silver decorated core/shell structured alumina/polydopamine. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 118, 302-311.	7.6	169
137	Study of triazine-based-polyimides composites working as gel polymer electrolytes in ITO-glass based capacitor devices. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 3426-3431.	2.2	8
138	Investigation and optimization of Fe/ZnFe ₂ O ₄ as a Wide-band electromagnetic absorber. <i>Journal of Colloid and Interface Science</i> , 2019, 536, 548-555.	9.4	193
139	Engineering an effective MnO ₂ catalyst from LaMnO ₃ for catalytic methane combustion. <i>Fuel</i> , 2019, 239, 1240-1245.	6.4	78
140	Improved reversible dehydrogenation properties of MgH ₂ by the synergetic effects of graphene oxide-based porous carbon and TiCl ₃ . <i>International Journal of Hydrogen Energy</i> , 2018, 43, 7440-7446.	7.1	34
141	Preparation and Characterization of Carbon Nanotubes/Carbon Fiber/Phenolic Composites on Mechanical and Thermal Conductivity Properties. <i>Nano</i> , 2018, 13, 1850037.	1.0	44
142	Effects of surfactant treatment on mechanical and microwave absorbing properties of graphene nanosheets/multiwalled carbon nanotubes/cyanate ester composites. <i>Polymer Composites</i> , 2018, 39, 110-118.	4.6	12
143	Design of carbon sphere/magnetic quantum dots with tunable phase compositions and boost dielectric loss behavior. <i>Chemical Engineering Journal</i> , 2018, 333, 519-528.	12.7	389
144	Investigation of the through-plane thermal conductivity of polymer composites with in-plane oriented hexagonal boron nitride. <i>International Journal of Heat and Mass Transfer</i> , 2018, 120, 1-8.	4.8	203

#	ARTICLE	IF	CITATIONS
145	Facile synthesis of N-doped carbon layer encapsulated Fe ₂ N as an efficient catalyst for oxygen reduction reaction. <i>Carbon</i> , 2018, 127, 636-642.	10.3	77
146	Investigation of the dielectric and thermal conductive properties of core-shell structured HGM@hBN/PTFE composites. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2018, 238-239, 61-70.	3.5	52
147	Cr ₂ O ₃ nanocrystal anode materials with improved cyclic stability for lithium ion batteries. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 11795-11800.	2.2	7
148	Enhanced through-plane thermal conductivity of PTFE composites with hybrid fillers of hexagonal boron nitride platelets and aluminum nitride particles. <i>Composites Part B: Engineering</i> , 2018, 153, 1-8.	12.0	217
149	Alignment of Boron Nitride Nanofibers in Epoxy Composite Films for Thermal Conductivity and Dielectric Breakdown Strength Improvement. <i>Nanomaterials</i> , 2018, 8, 242.	4.1	56
150	Recent Progresses of High-Temperature Microwave-Absorbing Materials. <i>Nano</i> , 2018, 13, 1830005.	1.0	136
151	Progress in low-frequency microwave absorbing materials. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 17122-17136.	2.2	150
152	Preparation of boz/glass fibers/cyanate ester resins laminated composites. <i>Polymer Composites</i> , 2017, 38, 523-527.	4.6	8
153	Interface Polarization Strategy to Solve Electromagnetic Wave Interference Issue. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 5660-5668.	8.0	300
154	In situ synthesis and preparation of TiO ₂ /polyimide composite containing phenolphthalein functional group. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 6544-6551.	2.2	70
155	Electrochemical properties of colloidal nanocrystal assemblies of manganese ferrite as the electrode materials for supercapacitors. <i>Journal of Materials Science</i> , 2017, 52, 5359-5365.	3.7	49
156	Spray drying assisted assembly of ZnO nanocrystals using cellulose as sacrificial template and studies on their photoluminescent and photocatalytic properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 522, 173-182.	4.7	14
157	Dielectric and thermal properties of epoxy resins with TiO ₂ nanowires. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 17871-17880.	2.2	22
158	Zinc ferrite composite material with controllable morphology and its applications. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2017, 224, 125-138.	3.5	103
159	Thermal conductivity and dielectric properties of bismaleimide/cyanate ester copolymer. <i>High Voltage</i> , 2017, 2, 167-171.	4.7	35
160	Improved thermal conductivity and dielectric properties of hBN/PTFE composites via surface treatment by silane coupling agent. <i>Composites Part B: Engineering</i> , 2017, 111, 83-90.	12.0	276
161	In situ polymerization of modified graphene/polyimide composite with improved mechanical and thermal properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 576-581.	2.2	103
162	The Behavior of Acid Treating Carbon Fiber and the Mechanical Properties and Thermal Conductivity of Phenolic Resin Matrix Composites. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 3786-3791.	0.9	65

#	ARTICLE	IF	CITATIONS
163	Synthesis, Preparation and Mechanical Property of Wood Fiber-Reinforced Poly(vinyl chloride) Composites. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 3859-3863.	0.9	104
164	Dielectric and Magnetic Loss Behavior of Nanooxides. , 2017, , 301-319.		4
165	Synthesis and Characterization of N-Doped Porous TiO ₂ Hollow Spheres and Their Photocatalytic and Optical Properties. <i>Materials</i> , 2016, 9, 849.	2.9	20
166	Multishelled Metal Oxide Hollow Spheres: Easy Synthesis and Formation Mechanism. <i>Chemistry - A European Journal</i> , 2016, 22, 8864-8871.	3.3	119
167	Fabrication and characterization of micro-nano AlN co-filled PTFE composites with enhanced thermal conductivity: a morphology-promoted synergistic effect. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 11909-11916.	2.2	33
168	A Comparable Study on the Microwave Absorption Properties of Al/Fe/Co Doped OMC/Paraffin Wax Composites. <i>Nano</i> , 2016, 11, 1650014.	1.0	7
169	Thermal conductivity and electric breakdown strength properties of epoxy/ alumina /boron nitride nanosheets composites. , 2016, , .		8
170	The effect of modified AlN on the thermal conductivity, mechanical and thermal properties of AlN/polystyrene composites. <i>RSC Advances</i> , 2016, 6, 102542-102548.	3.6	94
171	Multi-shelled NiO hollow spheres: Easy hydrothermal synthesis and lithium storage performances. <i>Journal of Alloys and Compounds</i> , 2016, 685, 8-14.	5.5	61
172	Fabrication and characterization of OMMt/BMI/CE composites with low dielectric properties and high thermal stability for electronic packaging. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 5592-5599.	2.2	70
173	Facile synthesis and application of multi-shelled SnO ₂ hollow spheres in lithium ion battery. <i>RSC Advances</i> , 2016, 6, 58069-58076.	3.6	85
174	Mechanical, thermal conductive and dielectrical properties of organic montmorillonite reinforced benzoxazine/cyanate ester copolymer for electronic packaging. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 8279-8287.	2.2	47
175	Study of thermal decomposition kinetics for polyimides based on 2,6-bis(4-aminophenyl)-4-(4-(4-aminophenoxy) phenyl) pyridine. <i>High Performance Polymers</i> , 2016, 28, 390-400.	1.8	1
176	Fabrication and characterization of AlN/PTFE composites with low dielectric constant and high thermal stability for electronic packaging. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 286-292.	2.2	50
177	Synthesis, characterization, and thermal properties of benzoxazine monomers containing allyl groups. <i>High Performance Polymers</i> , 2016, 28, 1235-1245.	1.8	18
178	Morphology-controlled synthesis, characterization and microwave absorption properties of nanostructured 3D CeO ₂ . <i>Materials Science in Semiconductor Processing</i> , 2016, 41, 6-11.	4.0	101
179	Facile synthesis of urchin-like ZnO hollow spheres with enhanced electromagnetic wave absorption properties. <i>Materials Letters</i> , 2015, 144, 157-160.	2.6	155
180	Preparation and thermal decomposition kinetics research of pyridine-containing polyimide. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 119, 2039-2051.	3.6	7

#	ARTICLE	IF	CITATIONS
181	Facile synthesis, photoluminescence properties and microwave absorption enhancement of porous and hollow ZnO spheres. <i>Powder Technology</i> , 2015, 281, 20-27.	4.2	70
182	The effect of bis allyl benzoxazine on the thermal, mechanical and dielectric properties of bismaleimide-cyanate blend polymers. <i>RSC Advances</i> , 2015, 5, 58821-58831.	3.6	51
183	Co ²⁺ /Co ³⁺ ratio dependence of electromagnetic wave absorption in hierarchical NiCo ₂ O ₄ -CoNiO ₂ hybrids. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7677-7690.	5.5	405
184	Thermal, mechanical and dielectric properties of BMI modified by the Bis allyl benzoxazine. <i>Journal of Polymer Research</i> , 2015, 22, 1.	2.4	20
185	The curing reaction of benzoxazine with bismaleimide/cyanate ester resin and the properties of the terpolymer. <i>Polymer</i> , 2015, 77, 354-360.	3.8	61
186	Research on electrically conductive acrylate resin filled with silver nanoparticles plating multiwalled carbon nanotubes. <i>Journal of Reinforced Plastics and Composites</i> , 2015, 34, 1193-1201.	3.1	14
187	Synthesis and characterization of $\text{Fe}_3\text{O}_4/\text{C}$ nanorod-carbon sphere composite and its application as microwave absorbing material. <i>Journal of Alloys and Compounds</i> , 2015, 652, 346-350.	5.5	188
188	The effect of functionalized benzoxazine with allyl groups on the dielectric, mechanical and thermal properties of BMI/BADCy composites. <i>RSC Advances</i> , 2015, 5, 99313-99321.	3.6	23
189	Facile synthesis and optical properties of Prussian Blue microcubes and hollow Fe ₂ O ₃ microboxes. <i>Materials Science in Semiconductor Processing</i> , 2015, 30, 476-481.	4.0	77
190	Peculiar porous $\alpha\text{-Fe}_2\text{O}_3$, Fe_3O_4 and Fe ₃ O ₄ nanospheres: Facile synthesis and electromagnetic properties. <i>Powder Technology</i> , 2015, 269, 443-451.	4.2	332
191	Synthesis of a bismaleimide/cyanate ester copolymer containing phenolphthalein functional group with excellent dielectric properties and thermally stable. <i>Journal of Polymer Research</i> , 2014, 21, 1.	2.4	28
192	Facile synthesis and microwave absorbability of C@NiO core-shell hybrid solid sphere and multi-shelled NiO hollow sphere. <i>Materials Characterization</i> , 2014, 97, 18-26.	4.4	73
193	Synthesis of soluble and thermally stable polyimides with phthalimide as pendent group from pyridine-containing triamine. <i>Journal of Materials Science</i> , 2014, 49, 5141-5150.	3.7	18
194	Preparation and properties of Nano-SiO ₂ /TDE-85/BMI/BADCy composites. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2013, 28, 261-264.	1.0	9
195	Preparation and characterization of novel dicyanate/benzoxazine/bismaleimide copolymer. <i>Thermochimica Acta</i> , 2013, 559, 86-91.	2.7	40
196	Electrically conductive adhesive based on bismaleimide-triazine resin filled with microcoiled carbon fibers. <i>Journal of Applied Polymer Science</i> , 2013, 128, 1164-1169.	2.6	17
197	Synthesis and Characterization of Novel Sulfone-containing Polyimides Molding Powder Derived from 2, 2-Bis[4-(4-aminophenoxy) phenyl] Sulfone and Aromatic Dianhydrides. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2012, 49, 578-585.	2.2	11
198	Synthesis and Properties of Semicrystalline Copolyimides Based on 4,4'-Diaminodiphenylether and 1,3-Bis(4-aminophenoxy) Benzene. <i>Journal of Macromolecular Science - Physics</i> , 2012, 51, 2003-2014.	1.0	11

#	ARTICLE	IF	CITATIONS
199	Microhardness and tribological properties of polyimide composites modified by 200keV Ar ion implantation. <i>Surface and Coatings Technology</i> , 2012, 213, 21-25.	4.8	7
200	Preparation and characterization of bismaleimide-triazine/epoxy interpenetrating polymer networks. <i>Thermochimica Acta</i> , 2012, 537, 44-50.	2.7	40
201	Preparation and Characterization of Micro-coiled Carbon Fibers. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2012, 27, 541-544.	1.3	0
202	Synthesis and Characterization of Polyimides Derived from Novel 1,3-Bis(4-Aminophenoxy)Benzene. <i>Advanced Materials Research</i> , 0, 199-200, 13-18.	0.3	3