Yuyang Shi

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10262482/publications.pdf

Version: 2024-02-01

		117453	264894
42	4,169	34	42
papers	citations	h-index	g-index

42	42	42	1161
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced electromagnetic wave absorption of nanoporous Fe3O4 @Âcarbon composites derived from metal-organic frameworks. Carbon, 2019, 142, 20-31.	5.4	352
2	Magnetic vortex core-shell Fe3O4@C nanorings with enhanced microwave absorption performance. Carbon, 2020, 157, 130-139.	5.4	310
3	Sandwich-Like Fe&TiO2@C Nanocomposites Derived from MXene/Fe-MOFs Hybrids for Electromagnetic Absorption. Nano-Micro Letters, 2020, 12, 55.	14.4	240
4	Flexible and Waterproof 2D/1D/0D Construction of MXene-Based Nanocomposites for Electromagnetic Wave Absorption, EMI Shielding, and Photothermal Conversion. Nano-Micro Letters, 2021, 13, 150.	14.4	197
5	Improved synergistic effect for achieving ultrathin microwave absorber of 1D Co nanochains/2D carbide MXene nanocomposite. Carbon, 2021, 172, 506-515.	5.4	196
6	Rational design of 2D hierarchically laminated Fe₃O₄@nanoporous carbon@rGO nanocomposites with strong magnetic coupling for excellent electromagnetic absorption applications. Journal of Materials Chemistry C, 2020, 8, 2123-2134.	2.7	183
7	Layered NiCo alloy nanoparticles/nanoporous carbon composites derived from bimetallic MOFs with enhanced electromagnetic wave absorption performance. Carbon, 2019, 154, 391-401.	5.4	179
8	Electrostatically self-assembled two-dimensional magnetized MXene/hollow Fe₃O₄ nanoparticle hybrids with high electromagnetic absorption performance and improved impendence matching. Journal of Materials Chemistry A, 2021, 9, 3500-3510.	5.2	176
9	Rational construction of hierarchical accordion-like Ni@porous carbon nanocomposites derived from metal-organic frameworks with enhanced microwave absorption. Carbon, 2020, 167, 364-377.	5.4	166
10	Lotus Leaf-Derived Gradient Hierarchical Porous C/MoS2 Morphology Genetic Composites with Wideband and Tunable Electromagnetic Absorption Performance. Nano-Micro Letters, 2021, 13, 43.	14.4	141
11	Electrostatic self-assembly construction of 2D MoS2 wrapped hollow Fe3O4 nanoflowers@1D carbon tube hybrids for self-cleaning high-performance microwave absorbers. Carbon, 2021, 177, 332-343.	5.4	136
12	Self-assembled MoS2/3D worm-like expanded graphite hybrids for high-efficiency microwave absorption. Carbon, 2021, 174, 59-69.	5.4	128
13	Honeycomb-like NiCo2O4@MnO2 nanosheets array/3D porous expanded graphite hybrids for high-performance microwave absorber with hydrophobic and flame-retardant functions. Chemical Engineering Journal, 2021, 419, 129547.	6.6	106
14	Etching engineering and electrostatic self-assembly of N-doped MXene/hollow Co-ZIF hybrids for high-performance microwave absorbers. Chemical Engineering Journal, 2022, 434, 133865.	6.6	102
15	Enhanced electromagnetic wave absorption of magnetic Co nanoparticles/CNTs/EG porous composites with waterproof, flame-retardant and thermal management functions. Journal of Materials Chemistry A, 2021, 9, 17538-17552.	5.2	89
16	A hierarchical Co @ mesoporous C/ macroporous C sheet composite derived from bimetallic MOF and oroxylum indicum for enhanced microwave absorption. Carbon, 2022, 187, 477-487.	5.4	89
17	Fe@NPC@CF nanocomposites derived from Fe-MOFs/biomass cotton for lightweight and high-performance electromagnetic wave absorption applications. Journal of Alloys and Compounds, 2020, 819, 152952.	2.8	87
18	Polarization loss-enhanced honeycomb-like MoS2 nanoflowers/undaria pinnatifida-derived porous carbon composites with high-efficient electromagnetic wave absorption. Chemical Engineering Journal, 2022, 431, 134284.	6.6	86

#	Article	IF	Citations
19	Multi-interface Assembled N-Doped MXene/HCFG/AgNW Films for Wearable Electromagnetic Shielding Devices with Multimodal Energy Conversion and Healthcare Monitoring Performances. ACS Nano, 2022, 16, 7816-7833.	7.3	86
20	Hollow CuS microflowers anchored porous carbon composites as lightweight and broadband microwave absorber with flame-retardant and thermal stealth functions. Carbon, 2021, 184, 514-525.	5.4	75
21	Engineering compositions and hierarchical yolk-shell structures of NiCo/GC/NPC nanocomposites with excellent electromagnetic wave absorption properties. Applied Surface Science, 2020, 513, 145778.	3.1	71
22	Fire-retardant and thermal insulating honeycomb-like NiS2/SnS2 nanosheets @ 3D porous carbon hybrids for high-efficiency electromagnetic wave absorption. Chemical Engineering Journal, 2021, 426, 131272.	6.6	70
23	Mixed-dimensional hierarchical configuration of 2D Ni2P nanosheets anchored on 1D silk-derived carbon fiber for extraordinary electromagnetic wave absorption. Journal of Materials Science and Technology, 2022, 101, 85-94.	5.6	70
24	Morphology-controllable synthesis of polyurethane-derived highly cross-linked 3D networks for multifunctional and efficient electromagnetic wave absorption. Carbon, 2021, 182, 254-264.	5.4	68
25	Magnetic Fe3S4 LTMCs micro-flowers@ wax gourd aerogel-derived carbon hybrids as efficient and sustainable electromagnetic absorber. Carbon, 2021, 179, 554-565.	5.4	66
26	Mace-like carbon fiber/ZnO nanorod composite derived from Typha orientalis for lightweight and high-efficient electromagnetic wave absorber. Advanced Composites and Hybrid Materials, 2021, 4, 1002-1014.	9.9	58
27	Biconical prisms Ni@C composites derived from metal-organic frameworks with an enhanced electromagnetic wave absorption. Carbon, 2021, 184, 115-126.	5.4	57
28	Self-assembly of nano/microstructured 2D Ti3CNTx MXene-based composites for electromagnetic pollution elimination and Joule energy conversion application. Carbon, 2022, 189, 305-318.	5.4	55
29	Phase engineering reinforced multiple loss network in apple tree-like liquid metal/Ni-Ni3P/N-doped carbon fiber composites for high-performance microwave absorption. Chemical Engineering Journal, 2022, 435, 135009.	6.6	55
30	Covalent organic framework-derived hollow core-shell Fe/Fe3O4@porous carbon composites with corrosion resistance for lightweight and efficient microwave absorption. Composites Communications, 2021, 25, 100731.	3.3	54
31	Heterointerface Engineering of Î²-Chitin/Carbon Nano-Onions/Niâ€“P Composites with Boosted Maxwell-Wagner-Sillars Effect for Highly Efficient Electromagnetic Wave Response and Thermal Management. Nano-Micro Letters, 2022, 14, 85.	14.4	54
32	Rational design of hollow nanosphere Î³-Fe2O3/MWCNTs composites with enhanced electromagnetic wave absorption. Journal of Alloys and Compounds, 2020, 822, 153570.	2.8	53
33	Implanting NiCo2O4 equalizer with designable nanostructures in agaric aerogel-derived composites for efficient multiband electromagnetic wave absorption. Carbon, 2022, 190, 68-79.	5.4	49
34	Efficient microwave absorption of MOFs derived laminated porous Ni@C nanocomposites with waterproof and infrared shielding versatility. Carbon, 2021, 185, 477-490.	5.4	38
35	MOF-derived novel porous Fe₃O₄@C nanocomposites as smart nanomedical platforms for combined cancer therapy: magnetic-triggered synergistic hyperthermia and chemotherapy. Journal of Materials Chemistry B, 2020, 8, 8671-8683.	2.9	36
36	Enhanced electromagnetic wave absorption of layered FeCo@carbon nanocomposites with a low filler loading. Journal of Alloys and Compounds, 2021, 879, 160465.	2.8	35

#	Article	IF	Citations
37	Rational design of hierarchical porous Fe3O4/rGO composites with lightweight and high-efficiency microwave absorption. Composites Communications, 2020, 22, 100492.	3.3	33
38	Engineering Dielectric Loss of FeCo/Polyvinylpyrrolidone Coreâ€Shell Nanochains@Graphene Oxide Composites with Excellent Microwave Absorbing Properties. Advanced Engineering Materials, 2021, 23, .	1.6	31
39	Onion skin-derived hierarchical carbon/hollow CoFe2O4 composite with effective microwave absorption in multi-band. Composites Communications, 2021, 27, 100867.	3.3	30
40	Metal-organic frameworks derived porous hollow Co/C microcubes with improved synergistic effect for high-efficiency microwave absorption. Journal of Alloys and Compounds, 2021, 887, 161413.	2.8	29
41	Fe3O4@PVP@DOX magnetic vortex hybrid nanostructures with magnetic-responsive heating and controlled drug delivery functions for precise medicine of cancers. Advanced Composites and Hybrid Materials, 2022, 5, 1786-1798.	9.9	29
42	Dielectric regulation of ultralight EG/bimetallic sulfide hybrids with boosted electromagnetic wave absorption properties. Composites Communications, 2022, 29, 101007.	3.3	4