Huagao Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3017675/publications.pdf

Version: 2024-02-01

16	2,073	623188	887659
papers	citations	14	17
		h-index	g-index

17	17	17	1531
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Graphene-based microwave absorbing composites: A review and prospective. Composites Part B: Engineering, 2018, 137, 260-277.	5.9	574
2	Interface Modulating CNTs@PANi Hybrids by Controlled Unzipping of the Walls of CNTs To Achieve Tunable High-Performance Microwave Absorption. ACS Applied Materials & Interfaces, 2019, 11, 12142-12153.	4.0	299
3	Carbonized Design of Hierarchical Porous Carbon/Fe₃O₄@Fe Derived from Loofah Sponge to Achieve Tunable High-Performance Microwave Absorption. ACS Sustainable Chemistry and Engineering, 2018, 6, 11801-11810.	3.2	256
4	Electrospun generation of Ti3C2Tx MXene@graphene oxide hybrid aerogel microspheres for tunable high-performance microwave absorption. Chemical Engineering Journal, 2020, 391, 123512.	6.6	212
5	Magnetic CoFe alloy@C nanocomposites derived from ZnCo-MOF for electromagnetic wave absorption. Chemical Engineering Journal, 2020, 383, 123096.	6.6	173
6	Generation of graphene-based aerogel microspheres for broadband and tunable high-performance microwave absorption by electrospinning-freeze drying process. Nano Research, 2018, 11, 2847-2861.	5.8	109
7	Wheat straw-derived magnetic carbon foams: In-situ preparation and tunable high-performance microwave absorption. Nano Research, 2019, 12, 1423-1429.	5.8	99
8	Two birds with one stone: Graphene oxide@sulfonated polyaniline nanocomposites towards high-performance electromagnetic wave absorption and corrosion protection. Composites Science and Technology, 2021, 204, 108630.	3.8	68
9	Hybridization-Induced Polarization of Graphene Sheets by Intercalation-Polymerized Polyaniline toward High Performance of Microwave Absorption. ACS Applied Materials & Interfaces, 2019, 11, 17100-17107.	4.0	64
10	Intercalating Hybrids of Sandwich-like Fe₃O₄â€“Graphite: Synthesis and Their Synergistic Enhancement of Microwave Absorption. ACS Sustainable Chemistry and Engineering, 2018, 6, 16744-16753.	3.2	63
11	Two birds with one stone: Superhelical chiral polypyrrole towards high-performance electromagnetic wave absorption and corrosion protection. Chemical Engineering Journal, 2022, 427, 131582.	6.6	62
12	Preparation of porous carbon nanofibers with remarkable microwave absorption performance through electrospinning. Materials Letters, 2019, 249, 210-213.	1.3	34
13	Intercalation Polymerization Approach for Preparing Graphene/Polymer Composites. Polymers, 2018, 10, 61.	2.0	28
14	Regenerated and rotation-induced cellulose-wrapped oriented CNT fibers for wearable multifunctional sensors. Nanoscale, 2020, 12, 16305-16314.	2.8	19
15	Synthesis of poly(arylene ether nitrile) and carboxyl-functionalized poly(arylene ether nitrile) with high thermal stability and their thermal decomposition kinetics. High Performance Polymers, 2019, 31, 743-752.	0.8	6
16	Recent advances in surfaceâ€functionalised photosensitive antibacterials with synergistic effects. Biosurface and Biotribology, 2019, 5, 97-103.	0.6	2