Weidong Zhang

List of Publications by Year
in descending order

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17	592	623188	887659
papers	citations	14	17
		h-index	g-index

17	17	17	501
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impact of morphology and dielectric property on the microwave absorbing performance of MoS 2 -based materials. Journal of Alloys and Compounds, 2018, 751, 34-42.	2.8	103
2	High-efficiency and wide-bandwidth microwave absorbers based on MoS2-coated carbon fiber. Journal of Colloid and Interface Science, 2021, 586, 457-468.	5.0	80
3	Preparation of Polyaniline@MoS₂@Fe₃O₄ Nanowires with a Wide Band and Small Thickness toward Enhancement in Microwave Absorption. ACS Applied Nano Materials, 2018, 1, 5865-5875.	2.4	69
4	Core-shell nanostructured CS/MoS2: A promising material for microwave absorption. Applied Surface Science, 2019, 463, 182-189.	3.1	61
5	Synthesis and mechanism investigation of wide-bandwidth Ni@MnO2 NS foam microwave absorbent. Journal of Alloys and Compounds, 2019, 792, 945-952.	2.8	45
6	Preparation and microwave absorbing performance of MoS2@Fe3O4@PANI composites. Journal of Materials Science: Materials in Electronics, 2017, 28, 15488-15494.	1.1	35
7	WO3â€“V2O5 Active Oxides for NOx SCR by NH3: Preparation Methods, Catalystsâ€™ Composition, and Deactivation Mechanismâ€”A Review. Catalysts, 2019, 9, 527.	1.6	32
8	Covalently bonded GNPs-NH-PANI nanorod arrays modified by Fe 3 O 4 nanoparticles as high-performance electromagnetic wave absorption materials. Materials Letters, 2018, 216, 101-105.	1.3	31
9	Facile Synthesis of GNPs@NixSy@MoS2 Composites with Hierarchical Structures for Microwave Absorption. Nanomaterials, 2019, 9, 1403.	1.9	27
10	Structure-microwave absorption performance correlations of GNPs/ZnO nanocomposite absorber: Synthesis, characteration and mechanism investigation. Ceramics International, 2019, 45, 13376-13384.	2.3	23
11	AIE-active 9,10-azaboraphenanthrene-containing viologens for reversible electrochromic and electrofluorochromic applications. Materials Chemistry Frontiers, 2021, 5, 4128-4137.	3.2	18
12	Preparation of TiO2/Fe3O4/CF composites for enhanced microwave absorbing performance. Journal of Materials Science: Materials in Electronics, 2018, 29, 7194-7202.	1.1	17
13	Dâ€“A type luminophores with a twisted molecular conformation constructed by phenoxazine and diphenylsulfone showing high contrast mechanofluorochromism. New Journal of Chemistry, 2020, 44, 17882-17890.	1.4	16
14	Structure and performance of Ni@Ni₃S₂ foam for microwave absorption. Journal Physics D: Applied Physics, 2019, 52, 485003.	1.3	14
15	Investigation on the critical factors of MoSe2-based microwave absorbing property. Journal of Materials Science: Materials in Electronics, 2021, 32, 25795-25808.	1.1	9
16	Enhanced electromagnetic wave absorption by optimized impedance matching: covalently bonded polyaniline nanorods over graphene nanoplates. Journal of Materials Science: Materials in Electronics, 2019, 30, 19426-19436.	1.1	7
17	CoxSy/C@MoS2 nanofibers: synthesis, characterization and microwave absorption investigation. Journal of Materials Science: Materials in Electronics, 2021, 32, 25782-25794.	1.1	5