

Weidong Zhang

List of Publications by Year in descending order

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17
papers

592
citations

623734

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888059

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17
all docs

17
docs citations

17
times ranked

501
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.	5.5	103
2	High-efficiency and wide-bandwidth microwave absorbers based on MoS ₂ -coated carbon fiber. Journal of Colloid and Interface Science, 2021, 586, 457-468.	9.4	80
3	Preparation of Polyaniline@MoS ₂ @Fe ₃ O ₄ Nanowires with a Wide Band and Small Thickness toward Enhancement in Microwave Absorption. ACS Applied Nano Materials, 2018, 1, 5865-5875.	5.0	69
4	Core-shell nanostructured CS/MoS ₂ : A promising material for microwave absorption. Applied Surface Science, 2019, 463, 182-189.	6.1	61
5	Synthesis and mechanism investigation of wide-bandwidth Ni/MnO ₂ NS foam microwave absorbent. Journal of Alloys and Compounds, 2019, 792, 945-952.	5.5	45
6	Preparation and microwave absorbing performance of MoS ₂ @Fe ₃ O ₄ @PANI composites. Journal of Materials Science: Materials in Electronics, 2017, 28, 15488-15494.	2.2	35
7	WO ₃ â€”V ₂ O ₅ Active Oxides for NO _x SCR by NH ₃ : Preparation Methods, Catalystsâ€™ Composition, and Deactivation Mechanismâ€”A Review. Catalysts, 2019, 9, 527.	3.5	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.	2.6	31
9	Facile Synthesis of GNPs@Ni ₃ S ₂ @MoS ₂ Composites with Hierarchical Structures for Microwave Absorption. Nanomaterials, 2019, 9, 1403.	4.1	27
10	Structure-microwave absorption performance correlations of GNPs/ZnO nanocomposite absorber: Synthesis, characteratation and mechanism investigation. Ceramics International, 2019, 45, 13376-13384.	4.8	23
11	AIE-active 9,10-azaboraphenanthrene-containing viologens for reversible electrochromic and electrofluorochromic applications. Materials Chemistry Frontiers, 2021, 5, 4128-4137.	5.9	18
12	Preparation of TiO ₂ /Fe ₃ O ₄ /CF composites for enhanced microwave absorbing performance. Journal of Materials Science: Materials in Electronics, 2018, 29, 7194-7202.	2.2	17
13	â€”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.	2.8	16
14	Structure and performance of Ni@Ni ₃ S ₂ foam for microwave absorption. Journal Physics D: Applied Physics, 2019, 52, 485003.	2.8	14
15	Investigation on the critical factors of MoSe ₂ -based microwave absorbing property. Journal of Materials Science: Materials in Electronics, 2021, 32, 25795-25808.	2.2	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.	2.2	7
17	CoxS _y /C@MoS ₂ nanofibers: synthesis, characterization and microwave absorption investigation. Journal of Materials Science: Materials in Electronics, 2021, 32, 25782-25794.	2.2	5