

Reduced Graphene Oxides: Light-Weight and High-Effective Shielding at Elevated Temperatures

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Enhanced absorbing properties of three-phase composites based on a thermoplastic-ceramic matrix (BaTiO ₃ + PVDF) and carbon black nanoparticles. Journal of Materials Chemistry A, 2014, 2, 18725-18730.	10.3	96
2	Excellent dielectric properties of Polyvinylidene fluoride composites based on sandwich structured MnO ₂ /graphene nanosheets/MnO ₂ . Composites Part A: Applied Science and Manufacturing, 2014, 67, 252-258.	7.6	47
3	Fabrication, microstructure and microwave absorption of multi-walled carbon nanotube decorated with CdS nanocrystal. Materials Letters, 2014, 125, 107-110.	2.6	30
4	SiC@Fe ₃ O ₄ dielectric-magnetic hybrid nanowires: controllable fabrication, characterization and electromagnetic wave absorption. Journal of Materials Chemistry A, 2014, 2, 16397-16402.	10.3	215
5	Reduced graphene oxides: the thinnest and most lightweight materials with highly efficient microwave attenuation performances of the carbon world. Nanoscale, 2014, 6, 5754-5761.	5.6	347
6	Magnetic carbon nanofibers containing uniformly dispersed Fe/Co/Ni nanoparticles as stable and high-performance electromagnetic wave absorbers. Journal of Materials Chemistry A, 2014, 2, 16905-16914.	10.3	418
7	Cross-Stacking Aligned Carbon Nanotube Films to Tune Microwave Absorption Frequencies and Increase Absorption Intensities. Advanced Materials, 2014, 26, 8120-8125.	21.0	819
8	Multi-wall carbon nanotubes decorated with ZnO nanocrystals: mild solution-process synthesis and highly efficient microwave absorption properties at elevated temperature. Journal of Materials Chemistry A, 2014, 2, 10540.	10.3	420
9	Influence of temperature on dielectric properties and microwave absorbing performances of TiC nanowires/SiO ₂ composites. Ceramics International, 2014, 40, 15391-15397.	4.8	49
10	Ultrathin graphene: electrical properties and highly efficient electromagnetic interference shielding. Journal of Materials Chemistry C, 2015, 3, 6589-6599.	5.5	551
11	Growth of Fe ₃ O ₄ nanosheet arrays on graphene by a mussel-inspired polydopamine adhesive for remarkable enhancement in electromagnetic absorptions. RSC Advances, 2015, 5, 101121-101126.	3.6	41
12	Enhanced microwave absorption of ZnO coated with Ni nanoparticles produced by atomic layer deposition. Journal of Materials Chemistry A, 2015, 3, 2734-2740.	10.3	192
13	Broadband and Tunable High-Performance Microwave Absorption of an Ultralight and Highly Compressible Graphene Foam. Advanced Materials, 2015, 27, 2049-2053.	21.0	1,598
14	Designed Fabrication and Characterization of Three-Dimensionally Ordered Arrays of Core-Shell Magnetic Mesoporous Carbon Microspheres. ACS Applied Materials & Interfaces, 2015, 7, 5312-5319.	8.0	115
15	Infrared-transparent films based on conductive graphene network fabrics for electromagnetic shielding. Carbon, 2015, 87, 206-214.	10.3	79
16	Electromagnetic interference shielding properties of polymer-grafted carbon nanotube composites with high electrical resistance. Carbon, 2015, 85, 363-371.	10.3	94
17	High-temperature dielectric and microwave absorption properties of Si ₃ N ₄ @SiC/SiO ₂ composite ceramics. Journal of Materials Science, 2015, 50, 1478-1487.	3.7	91
18	Effect of Covalent Modification of Graphene Nanosheets on the Electrical Property and Electromagnetic Interference Shielding Performance of a Water-Borne Polyurethane Composite. ACS Applied Materials & Interfaces, 2015, 7, 2817-2826.	8.0	151

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66	Hierarchical graphene/SiC nanowire networks in polymer-derived ceramics with enhanced electromagnetic wave absorbing capability. Journal of the European Ceramic Society, 2016, 36, 2695-2703.	5.7	221
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