Xuefeng Yu

List of Publications by Year
in descending order

20 papers	2,902 citations	430874 18 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	1511 citing authors

#	Article	IF	Citations
1	Enhanced Microwave Absorption Performance from Magnetic Coupling of Magnetic Nanoparticles Suspended within Hierarchically Tubular Composite. Advanced Functional Materials, 2019, 29, 1901448.	14.9	566
2	MOF-derived yolk-shell Ni@C@ZnO Schottky contact structure for enhanced microwave absorption. Chemical Engineering Journal, 2020, 383, 123099.	12.7	407
3	Multidimensionâ€Controllable Synthesis of MOFâ€Derived Co@Nâ€Doped Carbon Composite with Magneticâ€Dielectric Synergy toward Strong Microwave Absorption. Small, 2020, 16, e2000158.	10.0	350
4	Boosted Interfacial Polarization from Multishell TiO₂@Fe₃O₄@PPy Heterojunction for Enhanced Microwave Absorption. Small, 2019, 15, e1902885.	10.0	293
5	MOF-Derived Ni1â^'xCox@Carbon with Tunable Nanoâ€“Microstructure as Lightweight and Highly Efficient Electromagnetic Wave Absorber. Nano-Micro Letters, 2020, 12, 150.	27.0	222
6	Oriented Polarization Tuning Broadband Absorption from Flexible Hierarchical ZnO Arrays Vertically Supported on Carbon Cloth. Small, 2019, 15, e1900900.	10.0	205
7	Morphology-controlled synthesis and excellent microwave absorption performance of ZnCo₂O₄ nanostructures via a self-assembly process of flake units. Nanoscale, 2019, 11, 2694-2702.	5.6	166
8	3D hierarchical local heterojunction of MoS2/FeS2 for enhanced microwave absorption. Chemical Engineering Journal, 2020, 379, 122241.	12.7	128
9	Conductive-network enhanced microwave absorption performance from carbon coated defect-rich Fe2O3 anchored on multi-wall carbon nanotubes. Carbon, 2019, 155, 298-308.	10.3	113
10	Enhanced polarization from flexible hierarchical MnO₂ arrays on cotton cloth with excellent microwave absorption. Nanoscale, 2019, 11, 13269-13281.	5.6	80
11	Ferromagnetic Co₂₀Ni₈₀ nanoparticles encapsulated inside reduced graphene oxide layers with superior microwave absorption performance. Journal of Materials Chemistry C, 2019, 7, 2943-2953.	5.5	66
12	A direct H2O2 production based on hollow porous carbon sphere-sulfur nanocrystal composites by confinement effect as oxygen reduction electrocatalysts. Nano Research, 2019, 12, 2614-2622.	10.4	59
13	Highâ€Performance Microwave Absorption of MOFâ€Derived Coreâ€Shell Co@Nâ€doped Carbon Anchored on Reduced Graphene Oxide. ChemNanoMat, 2019, 5, 558-565.	2.8	53
14	Hierarchical coupling effect in hollow Ni/NiFe2O4-CNTs microsphere via spray-drying for enhanced oxygen evolution electrocatalysis. Nano Research, 2020, 13, 437-446.	10.4	45
15	Yolkâ^'Shell Nano ZnO@Coâ€Doped NiO with Efficient Polarization Adsorption and Catalysis Performance for Superior Lithiumâ^'Sulfur Batteries. Small, 2021, 17, e2005227.	10.0	37
16	In situ dynamics response mechanism of the tunable length-diameter ratio nanochains for excellent microwave absorber. Nano Research, 2020, 13, 72-78.	10.4	36
17	Improved microwave absorption performance of a multi-dimensional Fe₂O₃/CNTCM@CN assembly achieved by enhanced dielectric relaxation. Journal of Materials Chemistry C, 2020, 8, 5715-5726.	5.5	28
18	Rutile TiO₂ Nanoparticles Encapsulated in a Zeolitic Imidazolate Framework-Derived Hierarchical Carbon Framework with Engineered Dielectricity as an Excellent Microwave Absorber. ACS Applied Materials & Interfaces, 2020, 12, 48140-48149.	8.0	22

#	Article	IF	Citations
19	Polarization-enhanced three-dimensional Co₃O₄/MoO₂/C flowers as efficient microwave absorbers. Journal of Materials Chemistry C, 2020, 8, 10248-10256.	5.5	17
20	A Polarization Boosted Strategy for the Modification of Transition Metal Dichalcogenides as Electrocatalysts for Waterâ€Splitting. Small, 2021, 17, e2100510.	10.0	9