

# Ying Wang

## List of Publications by Year in descending order

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22  
papers

4,346  
citations

394421

19  
h-index

677142

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g-index

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22  
docs citations

22  
times ranked

2625  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shell Thickness-Dependent Microwave Absorption of Coreâ€“Shell Fe <sub>3</sub> O <sub>4</sub> @C Composites. ACS Applied Materials & Interfaces, 2014, 6, 12997-13006.	8.0	853
2	Rational design of core-shell Co@C microspheres for high-performance microwave absorption. Carbon, 2017, 111, 722-732.	10.3	649
3	Metal organic framework-derived Fe/C nanocubes toward efficient microwave absorption. Journal of Materials Chemistry A, 2015, 3, 13426-13434.	10.3	560
4	Constructing Uniform Coreâ€“Shell PPy@PANI Composites with Tunable Shell Thickness toward Enhancement in Microwave Absorption. ACS Applied Materials & Interfaces, 2015, 7, 20090-20099.	8.0	424
5	Rational design of yolk-shell C@C microspheres for the effective enhancement in microwave absorption. Carbon, 2016, 98, 599-606.	10.3	278
6	Pea-like Fe/Fe <sub>3</sub> C Nanoparticles Embedded in Nitrogen-Doped Carbon Nanotubes with Tunable Dielectric/Magnetic Loss and Efficient Electromagnetic Absorption. ACS Applied Materials & Interfaces, 2019, 11, 4268-4277.	8.0	246
7	Electromagnetic functionalized Co/C composites by in situ pyrolysis of metal-organic frameworks (ZIF-67). Journal of Alloys and Compounds, 2016, 681, 384-393.	5.5	237
8	Prussian blue analogues derived magnetic FeCo alloy/carbon composites with tunable chemical composition and enhanced microwave absorption. Journal of Colloid and Interface Science, 2018, 514, 10-20.	9.4	235
9	Synergistic Enhancement of Microwave Absorption Using Hybridized Polyaniline@helical CNTs with Dual Chirality. ACS Applied Materials & Interfaces, 2017, 9, 15711-15718.	8.0	173
10	Interfacially Engineered Sandwichâ€“Like rGO/Carbon Microspheres/rGO Composite as an Efficient and Durable Microwave Absorber. Advanced Materials Interfaces, 2016, 3, 1500684.	3.7	131
11	Recent Advances in Conjugated Polymer-Based Microwave Absorbing Materials. Polymers, 2017, 9, 29.	4.5	107
12	Synthesis and microwave absorption enhancement of yolkâ€“shell Fe <sub>3</sub> O <sub>4</sub> @C microspheres. Journal of Materials Science, 2017, 52, 6349-6361.	3.7	87
13	Reduced graphene oxide decorated with carbon nanopolyhedrons as an efficient and lightweight microwave absorber. Journal of Colloid and Interface Science, 2018, 528, 174-183.	9.4	80
14	Surface functionalization of carbonyl iron with aluminum phosphate coating toward enhanced anti-oxidative ability and microwave absorption properties. Applied Surface Science, 2018, 427, 594-602.	6.1	63
15	FeCo alloy nanoparticles supported on ordered mesoporous carbon for enhanced microwave absorption. Journal of Materials Science, 2017, 52, 13636-13649.	3.7	59
16	Precursor-directed synthesis of porous cobalt assemblies with tunable close-packed hexagonal and face-centered cubic phases for the effective enhancement in microwave absorption. Journal of Materials Science, 2017, 52, 4399-4411.	3.7	34
17	Defect-Enhanced Electromagnetic Wave Absorption Property of Hierarchical Graphite Capsules@Helical Carbon Nanotube Hybrid Nanocomposites. ACS Applied Materials & Interfaces, 2021, 13, 28710-28720.	8.0	31
18	Preparation of reduced graphene oxide coated flaky carbonyl iron composites and their excellent microwave absorption properties. RSC Advances, 2018, 8, 2971-2977.	3.6	30

#	ARTICLE	IF	CITATIONS
19	Enhanced absorbing properties and structural design of microwave absorbers based on Ni <sub>0.8</sub> Co <sub>0.2</sub> Fe <sub>2</sub> O <sub>4</sub> nanofibers and Ni-C hybrid nanofibers. Journal of Alloys and Compounds, 2018, 764, 691-700.	5.5	30
20	Fabrication of PPy Nanosphere/rGO Composites via a Facile Self-Assembly Strategy for Durable Microwave Absorption. Polymers, 2018, 10, 998.	4.5	18
21	Performance Vs Convenience of Magnetic Carbon-Metal Nanocomposites: A Low-Cost and Facile Citrate-Derived Strategy for FeCo Alloy/Carbon Composites with High-Performance Microwave Absorption. Comments on Inorganic Chemistry, 2017, 37, 301-326.	5.2	13
22	Fabrication of hollow microhemisphere-like polypyrrole and carbon dielectric materials by sol-gel template method for enhanced microwave absorption. Journal of Materials Science: Materials in Electronics, 2021, 32, 10991-11003.	2.2	8