Yanan Zhang

List of Publications by Year
in descending order

19 papers	765 citations	840776 11 h-index	794594 19 g-index
19 all docs	19 docs citations	19 times ranked	732 citing authors

#	Article	IF	Citations
1	Composition Design and Structural Characterization of MOF-Derived Composites with Controllable Electromagnetic Properties. ACS Sustainable Chemistry and Engineering, 2017, 5, 7961-7971.	6.7	179
2	A permittivity regulating strategy to achieve high-performance electromagnetic wave absorbers with compatibility of impedance matching and energy conservation. New Journal of Chemistry, 2017, 41, 1259-1266.	2.8	155
3	Cross-Linking-Derived Synthesis of Porous Co_xNi_y/C Nanocomposites for Excellent Electromagnetic Behaviors. ACS Applied Materials & Interfaces, 2017, 9, 38814-38823.	8.0	152
4	Multiple Interfaces Structure Derived from Metal-Organic Frameworks for Excellent Electromagnetic Wave Absorption. Particle and Particle Systems Characterization, 2017, 34, 1700006.	2.3	74
5	From Passive Inorganic Oxides to Active Matters of Micro/Nanomotors. Advanced Functional Materials, 2020, 30, 2003195.	14.9	33
6	Effective Magnetic MOFs Adsorbent for the Removal of Bisphenol A, Tetracycline, Congo Red and Methylene Blue Pollutions. Nanomaterials, 2021, 11, 1917.	4.1	31
7	Adjustable 3-D structure with enhanced interfaces and junctions towards microwave response using FeCo/C core-shell nanocomposites. Journal of Colloid and Interface Science, 2017, 507, 131-138.	9.4	30
8	A facile one-pot strategy for fabrication of carbon-based microwave absorbers: effects on annealing and paraffin content. Dalton Transactions, 2017, 46, 9097-9102.	3.3	26
9	High-Efficiency Dye-Sensitized Solar Cells Based on Kesterite Cu₂ZnSnSe₄ Inlaid on a Flexible Carbon Fabric Composite Counter Electrode. ACS Omega, 2020, 5, 24898-24905.	3.5	16
10	Real-time single molecular study of a pretreated cellulose hydrolysis mode and individual enzyme movement. Biotechnology for Biofuels, 2016, 9, 85.	6.2	14
11	Chemically Grafting Carbon Nanotubes onto Carbon Fibers for Enhancing Interfacial Properties of Fiber Metal Laminate. Materials, 2020, 13, 3813.	2.9	14
12	Effect of chemically grafted CNTs onto carbon fiber on the mechanical properties of fiber metal laminates. Composites Communications, 2022, 29, 101005.	6.3	8
13	Preparation and Characterization of Iron-Doped Tricalcium Silicate-Based Bone Cement as a Bone Repair Material. Materials, 2020, 13, 3670.	2.9	7
14	Optimization of preparation technology on fibre metal laminates (FMLs) for high-temperature applications. International Journal of Lightweight Materials and Manufacture, 2020, 3, 317-327.	2.1	7
15	Effects of the Electrophoretic Deposition of CNTs on the Mechanical Properties of Ti/CFRP Composite Laminates. ACS Omega, 2022, 7, 1337-1346.	3.5	6
16	Nanoscale insights into full-length prion protein aggregation on model lipid membranes. Chemical Communications, 2016, 52, 8533-8536.	4.1	4
17	Plant cell wall hydrolysis process reveals structureâ€“activity relationships. Plant Methods, 2020, 16, 147.	4.3	4
18	A simple strategy to fabricate poly (acrylamide-co-alginate)/gold nanocomposites for inactivation of bacteria. Applied Physics A: Materials Science and Processing, 2014, 117, 2009-2018.	2.3	3

#	ARTICLE	IF	CITATIONS
19	Facile synthesis and antibacterial evaluation of poly(acrylamideâ€coâ€(Î²â€cyclodextrin))/silver nanocomposite. Polymer Composites, 2016, 37, 1480-1487.	4.6	2