

# Yanan Zhang

## List of Publications by Year in descending order

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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	Effect of chemically grafted CNTs onto carbon fiber on the mechanical properties of fiber metal laminates. <i>Composites Communications</i> , 2022, 29, 101005.	6.3	8
2	Effects of the Electrophoretic Deposition of CNTs on the Mechanical Properties of Ti/CFRP Composite Laminates. <i>ACS Omega</i> , 2022, 7, 1337-1346.	3.5	6
3	Effective Magnetic MOFs Adsorbent for the Removal of Bisphenol A, Tetracycline, Congo Red and Methylene Blue Pollutions. <i>Nanomaterials</i> , 2021, 11, 1917.	4.1	31
4	From Passive Inorganic Oxides to Active Matters of Micro/Nanomotors. <i>Advanced Functional Materials</i> , 2020, 30, 2003195.	14.9	33
5	High-Efficiency Dye-Sensitized Solar Cells Based on Kesterite $\text{Cu}_2\text{ZnSnSe}_4$ Inlaid on a Flexible Carbon Fabric Composite Counter Electrode. <i>ACS Omega</i> , 2020, 5, 24898-24905.	3.5	16
6	Chemically Grafting Carbon Nanotubes onto Carbon Fibers for Enhancing Interfacial Properties of Fiber Metal Laminate. <i>Materials</i> , 2020, 13, 3813.	2.9	14
7	Preparation and Characterization of Iron-Doped Tricalcium Silicate-Based Bone Cement as a Bone Repair Material. <i>Materials</i> , 2020, 13, 3670.	2.9	7
8	Plant cell wall hydrolysis process reveals structure–activity relationships. <i>Plant Methods</i> , 2020, 16, 147.	4.3	4
9	Optimization of preparation technology on fibre metal laminates (FMLs) for high-temperature applications. <i>International Journal of Lightweight Materials and Manufacture</i> , 2020, 3, 317-327.	2.1	7
10	A permittivity regulating strategy to achieve high-performance electromagnetic wave absorbers with compatibility of impedance matching and energy conservation. <i>New Journal of Chemistry</i> , 2017, 41, 1259-1266.	2.8	155
11	A facile one-pot strategy for fabrication of carbon-based microwave absorbers: effects on annealing and paraffin content. <i>Dalton Transactions</i> , 2017, 46, 9097-9102.	3.3	26
12	Multiple Interfaces Structure Derived from Metal-Organic Frameworks for Excellent Electromagnetic Wave Absorption. <i>Particle and Particle Systems Characterization</i> , 2017, 34, 1700006.	2.3	74
13	Cross-Linking-Derived Synthesis of Porous $\text{Co}_x\text{Ni}_y\text{C}$ Nanocomposites for Excellent Electromagnetic Behaviors. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 38814-38823.	8.0	152
14	Composition Design and Structural Characterization of MOF-Derived Composites with Controllable Electromagnetic Properties. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 7961-7971.	6.7	179
15	Adjustable 3-D structure with enhanced interfaces and junctions towards microwave response using FeCo/C core-shell nanocomposites. <i>Journal of Colloid and Interface Science</i> , 2017, 507, 131-138.	9.4	30
16	Real-time single molecular study of a pretreated cellulose hydrolysis mode and individual enzyme movement. <i>Biotechnology for Biofuels</i> , 2016, 9, 85.	6.2	14
17	Nanoscale insights into full-length prion protein aggregation on model lipid membranes. <i>Chemical Communications</i> , 2016, 52, 8533-8536.	4.1	4
18	Facile synthesis and antibacterial evaluation of poly(acrylamide- $\beta$ -cyclodextrin)/silver nanocomposite. <i>Polymer Composites</i> , 2016, 37, 1480-1487.	4.6	2

#	ARTICLE	IF	CITATIONS
19	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