

Yang Zhang

List of Publications by Year in descending order

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19
papers

1,092
citations

567281

15
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

824
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Polyaniline-Coated Bagasse Fiber Composite with Core-Shell Heterostructure Provides Effective Electromagnetic Shielding Performance. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 809-818.	8.0	207
2	Flexible polyethylene terephthalate/polyaniline composite paper with bending durability and effective electromagnetic shielding performance. <i>Chemical Engineering Journal</i> , 2020, 389, 124433.	12.7	165
3	Enhanced electromagnetic interference shielding capability in bamboo fiber@polyaniline composites through microwave reflection cavity design. <i>Composites Science and Technology</i> , 2019, 178, 41-49.	7.8	81
4	3D porous nickel metal foam/polyaniline heterostructure with excellent electromagnetic interference shielding capability and superior absorption based on pre-constructed macroscopic conductive framework. <i>Composites Science and Technology</i> , 2021, 213, 108896.	7.8	80
5	Mulberry-like polyaniline-based flexible composite fabrics with effective electromagnetic shielding capability. <i>Composites Science and Technology</i> , 2020, 188, 107991.	7.8	73
6	Construction of natural fiber/polyaniline core-shell heterostructures with tunable and excellent electromagnetic shielding capability via a facile secondary doping strategy. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020, 137, 105994.	7.6	69
7	Effective fabrication of flexible nickel chains/acrylate composite pressure-sensitive adhesives with layered structure for tunable electromagnetic interference shielding. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 2906-2920.	21.1	61
8	Ultrathin and anisotropic polyvinyl butyral/Ni-graphite/short-cut carbon fibre film with high electromagnetic shielding performance. <i>Composites Science and Technology</i> , 2019, 169, 127-134.	7.8	57
9	Tunable Electromagnetic Interference Shielding Ability in a One-Dimensional Bagasse Fiber/Polyaniline Heterostructure. <i>ACS Applied Polymer Materials</i> , 2019, 1, 737-745.	4.4	56
10	Facile synthesis of polyaniline nanostructures with effective electromagnetic interference shielding performance. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 10437-10444.	2.2	55
11	An Ingenious Strategy to Construct Helical Structure with Excellent Electromagnetic Shielding Performance. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900375.	3.7	49
12	Enhanced microwave absorption of biomass carbon/nickel/polypyrrole (C/Ni/PPy) ternary composites through the synergistic effects. <i>Journal of Alloys and Compounds</i> , 2022, 890, 161887.	5.5	42
13	Asymmetric Ni/PVC films for high-performance electromagnetic interference shielding. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2015, 33, 899-907.	3.8	23
14	Light- and pH-responsive self-healing hydrogel. <i>Journal of Materials Science</i> , 2019, 54, 9983-9994.	3.7	20
15	Facile preparation of asymmetric Ni/PVC film with controlled structure: Application as a high-performance EMI shielding material. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	19
16	Re-assembly behaviors of polystyrene-b-poly(acrylic acid) micelles. <i>Polymer</i> , 2009, 50, 6166-6171.	3.8	14
17	Preparation and properties of unmodified ramie fiber reinforced polypropylene composites. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2015, 30, 198-202.	1.0	14
18	Resistance gradient polymeric electromagnetic shielding composites: Preparation and Characterization. <i>Polymer Composites</i> , 2019, 40, 1842-1849.	4.6	5

#	ARTICLE	IF	CITATIONS
19	Re-assembly behaviors of block copolymer micelles on substrates: effects of block length and interaction force. <i>Colloid and Polymer Science</i> , 2016, 294, 181-187.	2.1	2