Xigui Yue

List of Publications by Year in descending order

28 papers	935 citations	623734 14 h-index	477307 29 g-index
30 all docs	30 docs citations	30 times ranked	1093 citing authors

#	Article	IF	Citations
1	A wormhole-like porous carbon/magnetic particles composite as an efficient broadband electromagnetic wave absorber. Nanoscale, 2016, 8, 8899-8909.	5.6	310
2	Rice husk-based hierarchically porous carbon and magnetic particles composites for highly efficient electromagnetic wave attenuation. Journal of Materials Chemistry C, 2017, 5, 4695-4705.	5.5	152
3	Porous magnetic carbon nanofibers (P-CNF/Fe) for low-frequency electromagnetic wave absorption synthesized by electrospinning. Ceramics International, 2019, 45, 4474-4481.	4.8	65
4	A new method for an efficient porous carbon/Fe3O4 composite based electromagnetic wave absorber derived from a specially designed polyimide. Composites Part B: Engineering, 2018, 155, 148-155.	12.0	46
5	Crosslinkable fully aromatic poly(aryl ether ketone)s bearing macrocycle of aryl ether ketone. Polymer, 2007, 48, 4715-4722.	3.8	45
6	A carbon fiber based three-phase heterostructure composite CF/Co_{0.2}Fe_{2.8}O₄/PANI as an efficient electromagnetic wave absorber in the K_u band. RSC Advances, 2015, 5, 50024-50032.	3.6	36
7	New promising hybrid materials for electromagnetic interference shielding with improved stability and mechanical properties. Physical Chemistry Chemical Physics, 2013, 15, 21043.	2.8	34
8	Synthesis of novel fluorinated hyperbranched polyimides with excellent optical properties. Journal of Polymer Science Part A, 2009, 47, 6269-6279.	2.3	31
9	Materials with low dielectric constant and loss and good thermal properties prepared by introducing perfluorononenyl pendant groups onto poly(ether ether ketone). RSC Advances, 2018, 8, 7753-7760.	3.6	28
10	In situ growth of globular MnO2 nanoflowers inside hierarchical porous mangosteen shells-derived carbon for efficient electromagnetic wave absorber. Journal of Alloys and Compounds, 2022, 903, 163826.	5.5	22
11	Effect of the addition of silane coupling agents on the properties of wollastoniteâ€reinforced poly(ether ether ketone) composites. Polymer Engineering and Science, 2011, 51, 1051-1058.	3.1	20
12	Novel ternary Fe3O4@polyaniline/polyazomethine/polyetheretherketone crosslinked hybrid membranes: fabrication, thermal properties and electromagnetic behaviours. RSC Advances, 2014, 4, 11159.	3.6	18
13	Preparation and characterization of transparent polyarylethers-silica hybrid membranes with covalently connected phases. Polymer, 2012, 53, 5002-5009.	3.8	17
14	A MWCNTâ€“nanoparticle composite as a highly efficient lightweight electromagnetic wave absorber in the range of 4â€“18 GHz. RSC Advances, 2016, 6, 4695-4704.	3.6	16
15	Reinforced Poly(ether ether ketone)/Nafion Composite Membrane with Highly Improved Proton Conductivity for High Concentration Direct Methanol Fuel Cells. ACS Applied Energy Materials, 2020, 3, 7180-7190.	5.1	16
16	Egg white-derived carbon/magnetic nanoparticles/water-soluble graphene oxide composite with homogeneous structure as an excellent electromagnetic wave absorber. Journal of Materials Chemistry C, 2021, 9, 9292-9301.	5.5	13
17	Preparation and properties of poly(ether ether ketone) composites reinforced by modified wollastonite grafting with silaneterminated poly(ether ether ketone) oligomers. Journal of Polymer Research, 2011, 18, 2045-2053.	2.4	11
18	Fully aromatic poly(ether ketone)s bearing macrocycle pendants: Synthesis and crosslinking. Journal of Polymer Science Part A, 2008, 46, 7002-7010.	2.3	10

#	Article	IF	Citations
19	Porous carbon/graphite nanosheet/ferromagnetic nanoparticle composite absorbents with adjustable electromagnetic properties. Nanotechnology, 2021, 32, 205707.	2.6	10
20	Application of Porous Polyetheretherketone Scaffold/Vancomycinâ€Loaded Thermosensitive Hydrogel Composites for Antibacterial Therapy in Bone Repair. Macromolecular Bioscience, 2022, 22, .	4.1	9
21	Synthesis and Characterization of Poly(ether ether ketone)s with (2,5â€dihydroxy)phenyl Side Group. Journal of Macromolecular Science - Pure and Applied Chemistry, 2007, 44, 535-540.	2.2	4
22	A WORM type polymer electrical memory based on polyethersulfone with carbazole derivatives. High Performance Polymers, 2016, 28, 1183-1191.	1.8	4
23	Breath figureâ€derived porous fluorineâ€containing poly(ether sulfone) membranes with low dielectric constant. Polymer International, 2021, 70, 1456-1464.	3.1	4
24	Effect of Antioxidants on the Stability of Poly(ether ether ketone) and the Investigation on the Effect Mechanism of the Antioxidants to Poly(ether ether ketone). Journal of Macromolecular Science - Pure and Applied Chemistry, 2012, 49, 571-577.	2.2	3
25	A facile and eco-friendly synthesis of Fe@SAC composite absorbers derived from alginate for highly efficient electromagnetic wave attenuation. Synthetic Metals, 2021, 271, 116637.	3.9	3
26	Development of high-strength porous polyetheretherketone foam/nanosilver antibacterial composites for the prevention of postoperative infections in bone repair. Composites Communications, 2022, 31, 101127.	6.3	3
27	Polyethersulfone/polyetherethersulfone copolymers with the same chemical composition and different meltâ€viscosity. Journal of Applied Polymer Science, 2014, 131, .	2.6	2
28	A low onset voltage WORM type polymer memory based on functional PES. Journal of Applied Polymer Science, 2015, 132, .	2.6	1