

Zhiping Xu

List of Publications by Year in descending order

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papers

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citations

623734

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761
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoantioxidant versus photodegradant: Action of nanoparticle inorganic fillers in outdoor aging of <sc>PP</sc>. Journal of Vinyl and Additive Technology, 2022, 28, 405-417.	3.4	4
2	A highly compressible hydrogel electrolyte for flexible Zn-MnO ₂ battery. Journal of Colloid and Interface Science, 2022, 608, 1619-1626.	9.4	24
3	Preparation of a novel poly (ether ether ketone) self-reinforced paper appropriate for harsh conditions. Journal of Materials Science, 2021, 56, 11174-11185.	3.7	3
4	Combined strategy of blending and surface modification as an effective route to prepare antifouling ultrafiltration membranes. Journal of Colloid and Interface Science, 2021, 589, 1-12.	9.4	32
5	ZnO Nanoneedle-Modified PEEK Fiber Felt for Improving Anti-fouling Performance of Oil/Water Separation. Langmuir, 2021, 37, 7449-7456.	3.5	10
6	A rapid and highly sensitive evaluation of polymer composite aging with linear correlation to real-time aging. Analytica Chimica Acta, 2021, 1169, 338632.	5.4	9
7	Fabrication of High Thermally Conductive and Electrical Insulating Composites by Boron Nitride@Nanosheet@Coated PEEK Fiber. Macromolecular Materials and Engineering, 2021, 306, 2100532.	3.6	0
8	Preparation of a novel poly (ether ether ketone) nonwoven filter and its application in harsh conditions for dust removal. Separation and Purification Technology, 2020, 253, 117555.	7.9	26
9	A Robust Conductive Polymer Network as a Multi@Functional Binder and Conductive Additive for Supercapacitors. ChemElectroChem, 2020, 7, 3056-3064.	3.4	12
10	Fabrication of very effective ferromagnetic oxide and multiwalled carbon nanotubes@polyetherimide/poly(ether ether ketone) electromagnetic interference shielding composites. Polymer Composites, 2020, 41, 3135-3143.	4.6	11
11	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
12	Rational Design of Antifreezing Organohydrogel Electrolytes for Flexible Supercapacitors. ACS Applied Energy Materials, 2020, 3, 1944-1951.	5.1	85
13	Development of highly permeable and antifouling ultrafiltration membranes based on the synergistic effect of carboxylated polysulfone and bio-inspired co-deposition modified hydroxyapatite nanotubes. Journal of Colloid and Interface Science, 2020, 572, 48-61.	9.4	41
14	Strong Interface Construction of Carbon Fiber@reinforced PEEK Composites: An Efficient Method for Modifying Carbon Fiber with Crystalline PEEK. Macromolecular Rapid Communications, 2020, 41, e2000001.	3.9	38
15	An oil/water separation nanofibrous membrane with a 3-D structure from the blending of PES and SPEEK. High Performance Polymers, 2019, 31, 538-547.	1.8	22
16	Study on mechanical properties of unidirectional continuous carbon fiber@reinforced PEEK composites fabricated by the wrapped yarn method. Polymer Composites, 2019, 40, 56-69.	4.6	32
17	Influence of selective solvents on self-assembly behaviors of amphiphilic hyperbranched poly(aryl) Tj ETQq1 1 0.784314 rgBT /Overlode 2017, 29, 257-265.	1.8	1
18	A flexible solid-state supercapacitor based on a poly(aryl ether ketone)@poly(ethylene glycol) copolymer solid polymer electrolyte for high temperature applications. RSC Advances, 2016, 6, 65186-65195.	3.6	40

#	ARTICLE	IF	CITATIONS
19	Porphyrinâ€“poly(arylene ether sulfone) covalently functionalized multi-walled carbon nanotubes: synthesis and enhanced broadband nonlinear optical properties. RSC Advances, 2016, 6, 75530-75540.	3.6	15
20	High fluorescence intensity poly(aryl ether ketone)s containing tetraphenylethylene moieties: preparation, characterization and fluorescent properties. RSC Advances, 2016, 6, 84133-84138.	3.6	0
21	A novel poly(ethylene glycol)â€“grafted poly(arylene ether ketone) blend micro-porous polymer electrolyte for solid-state electric double layer capacitors formed by incorporating a chitosan-based LiClO ₄ gel electrolyte. Journal of Materials Chemistry A, 2016, 4, 18116-18127.	10.3	60
22	Synthesis and characterization of novel adamantaneâ€“based copoly(aryl ether ketone)s with low dielectric constants. Polymer International, 2014, 63, 333-337.	3.1	22
23	Design and preparation of graphene/poly(ether ether ketone) composites with excellent electrical conductivity. Journal of Materials Science, 2014, 49, 2372-2382.	3.7	47
24	Ultra low dielectric constant soluble polyhedral oligomeric silsesquioxane (POSS)â€“poly(aryl ether) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Chemistry C, 2014, 2, 1094-1103.	5.5	90
25	Preparation and characterization of highâ€“performance poly(ether ether ketone) fibers with improved spinnability based on thermotropic liquid crystalline poly(aryl ether ketone) copolymer. Journal of Applied Polymer Science, 2013, 130, 1406-1414.	2.6	13
26	Influence of the addition of lubricant on the properties of poly(ether ether ketone) fibers. Polymer Engineering and Science, 2013, 53, 2254-2260.	3.1	14
27	Design and preparation of poly(aryl ether ketone)/phosphotungstic acid hybrid films with low dielectric constant. Journal of Applied Polymer Science, 2013, 129, 3219-3225.	2.6	8
28	Ultra low dielectric constant hybrid films via side chain grafting reaction of poly(ether ether ketone) and phosphotungstic acid. Journal of Materials Chemistry, 2012, 22, 23534.	6.7	26