

Zejun Pu

List of Publications by Year in descending order

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papers

637
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623734

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docs citations

45
times ranked

495
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#	ARTICLE	IF	CITATIONS
1	Effect of surface modification of SiO_2 particles on the interfacial and mechanical properties of PBS composites. <i>Polymer Composites</i> , 2022, 43, 5087-5094.	4.6	2
2	Dual-responsive shape memory hydrogels with self-healing and dual-responsive swelling behaviors. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50308.	2.6	8
3	Novel polyethersulfone dielectric films with high temperature resistance, intrinsic low dielectric constant and low dielectric loss. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 967-976.	2.2	14
4	A Dual Physical Crosslinking Strategy to Construct Tough Hydrogels with High Strength, Excellent Fatigue Resistance, and Stretching-Induced Strengthening Effect. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100093.	3.6	9
5	Enhanced fluorescence properties of flexible waterborne polyurethane films by blocking fluorescein isothiocyanate (FITC). <i>Materials Letters</i> , 2021, 293, 129668.	2.6	8
6	Lightweight poly(m-phenylene isophthalamide)/CF/GO@Fe 3O_4 composites for enhanced shielding of electromagnetic pollution. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 21441-21449.	2.2	4
7	Preparation of carbon nanotubes/polyethersulfone antistatic composite materials by a mixing process. <i>Polymer Composites</i> , 2020, 41, 556-563.	4.6	13
8	Preparation and physical properties of intrinsic low-k polyarylene ether nitrile with enhanced thermo-stability. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	3
9	Ultralow Dielectric Constant and High Temperature Resistance Composites Based on Self-Crosslinking Polysulfone and Hollow Glass Beads. <i>Journal of Electronic Materials</i> , 2020, 49, 7581-7588.	2.2	7
10	Dielectric properties of polyethersulfone copolymers containing bisphenol S and six fluorine hexafluorobisphenol A (6AF) segments. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	5
11	Effect of different carboxylic acid group contents on microstructure and properties of waterborne polyurethane dispersions. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	16
12	Novel low dielectric constant fluorine-functionalized polysulfone with outstanding comprehensive properties. <i>Polymer International</i> , 2020, 69, 604-610.	3.1	13
13	Preparation and properties of fluorinated silicon two-component polyurethane hydrophobic coatings. <i>Polymer International</i> , 2020, 69, 448-456.	3.1	15
14	An efficient strategy for preparation of high-k poly(arylene ether nitrile)-based dielectrics with enhanced thermo-stability and good temperature independence. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 14736-14744.	2.2	4
15	Research on the relationship between structure and properties of the soluble polyaryl ether ketone terminated with phthalonitrile. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	4
16	Synthesis and properties of high performance polysulfone resin with low dielectric constant and dielectric loss. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 18168-18176.	2.2	8
17	Study on properties of barium titanate/polyethersulfone dielectric composites prepared by physical dispersion method. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 221-229.	2.2	12
18	Synthesis and properties of novel organosoluble copoly(arylene ether nitriles) containing thioether moiety. <i>Journal of Polymer Research</i> , 2018, 25, 1.	2.4	5

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19	Poly (3,4-Ethylenedioxythiophene) (PEDOT) Nanofibers Decorated Graphene Oxide (GO) as High-Capacity, Long Cycle Anodes for Sodium Ion Batteries. <i>Materials</i> , 2018, 11, 2032.	2.9	5
20	Oriented growth of BaTiO ₃ along the basalt fibers and their dielectric properties in poly(ether) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 16136-16143.	2.2	5
21	Crystallized polyarylene ether nitrile blends with improved thermal, mechanical, dielectric properties, and processability. <i>Polymer Composites</i> , 2017, 38, 126-131.	4.6	6
22	Fabrication and Electromagnetic Properties of Conjugated NH ₂ -CuPc@Fe ₃ O ₄ . <i>Journal of Electronic Materials</i> , 2017, 46, 5608-5618.	2.2	5
23	Composites Based on Core-Shell Structured HBCuPc@CNTs-Fe ₃ O ₄ and Polyarylene Ether Nitriles with Excellent Dielectric and Mechanical Properties. <i>Journal of Electronic Materials</i> , 2017, 46, 5519-5530.	2.2	5
24	Flexible Ultrahigh-Temperature Polymer-Based Dielectrics with High Permittivity for Film Capacitor Applications. <i>Polymers</i> , 2017, 9, 596.	4.5	29
25	Sandwich-Like Graphite- Fullerene Composites with Enhanced Electromagnetic Wave Absorption. <i>Journal of Electronic Materials</i> , 2016, 45, 5921-5927.	2.2	10
26	Influence of Fe ₃ O ₄ /Fe-phthalocyanine decorated graphene oxide on the microwave absorbing performance. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 399, 81-87.	2.3	20
27	Synthesis and properties of cross-linkable poly(arylene ether nitrile)s containing side propenyl groups. <i>High Performance Polymers</i> , 2016, 28, 562-569.	1.8	14
28	One step grafting of iron phthalocyanine containing flexible chains on Fe ₃ O ₄ nanoparticles towards high performance polymer magnetic composites. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 385, 368-376.	2.3	14
29	Enhanced crystallinity, mechanical and dielectric properties of biphenyl polyarylene ether nitriles by unidirectional hot-stretching. <i>Journal of Polymer Research</i> , 2015, 22, 1.	2.4	27
30	Influence of hyperbranched copper phthalocyanine grafted carbon nanotubes on the dielectric and rheological properties of polyarylene ether nitriles. <i>RSC Advances</i> , 2015, 5, 72028-72036.	3.6	19
31	Electrospun fluorescent polyarylene ether nitrile nanofibrous mats and application as an adsorbent for Cu ²⁺ removal. <i>Fibers and Polymers</i> , 2015, 16, 2215-2222.	2.1	13
32	Preparation and characterization of poly (arylene ether nitrile)/copper phthalocyanine composites via sintering treatment. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 5505-5511.	2.2	4
33	Novel blue-emitting carboxyl-functionalized poly(arylene ether nitrile)s with excellent thermal and mechanical properties. <i>Polymer Chemistry</i> , 2014, 5, 3673.	3.9	64
34	Synthesis and properties of sulfonated poly(arylene ether nitrile) copolymers containing carboxyl groups for proton-exchange membrane materials. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	7
35	Effect of CuPc@MWCNTs on rheological, thermal, mechanical and dielectric properties of polyarylene ether nitriles (PEN) terminated with phthalonitriles. <i>Journal of Polymer Research</i> , 2014, 21, 1.	2.4	9
36	Composites of Core/Shell-Structured Copper-Phthalocyanine-Decorated TiO ₂ Particles Embedded in Poly(Arylene Ether Nitrile) Matrix with Enhanced Dielectric Properties. <i>Journal of Electronic Materials</i> , 2014, 43, 2597-2606.	2.2	7

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37	Synthesis and properties of sulfonated polyarylene ether nitrile copolymers for PEM with high thermal stability. <i>Journal of Polymer Research</i> , 2013, 20, 1.	2.4	12
38	Effect of nitrile-functionalization and thermal cross-linking on the dielectric and mechanical properties of PEN/CNTs/CN composites. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 2913-2922.	2.2	19
39	Influence of composition on the proton conductivity and mechanical properties of sulfonated poly(aryl ether nitrile) copolymers for proton exchange membranes. <i>Journal of Polymer Research</i> , 2013, 20, 1.	2.4	27
40	BaTiO ₃ @MWCNTs core/shell nanotubes embedded PEN nanocomposite films with high thermal stability and high permittivity. <i>Materials Letters</i> , 2013, 96, 139-142.	2.6	38
41	Fluorescence-color-tunable and transparent polyarylene ether nitrile films with high thermal stability and mechanical strength based on polymeric rare-earth complexes for roll-up displays. <i>Materials Letters</i> , 2013, 91, 235-238.	2.6	10
42	Crosslinking behavior of polyarylene ether nitrile terminated with phthalonitrile (PEN-Ph)/1,3,5-trisubstituted(3,4-dicyanophenoxy) benzene (TPh) system and its enhanced thermal stability. <i>Journal of Applied Polymer Science</i> , 2013, 130, 1363-1368.	2.6	33
43	Preparation and dielectric properties of surface modified TiO ₂ /PEN composite films with high thermal stability and flexibility. <i>Journal of Materials Science: Materials in Electronics</i> , 2012, 23, 2089-2097.	2.2	35
44	Effect of surface functionalization of SiO ₂ particles on the interfacial and mechanical properties of PEN composite films. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 415, 125-133.	4.7	50
45	Effect of surface modified magnesium sulfate whisker on crystallization and mechanical properties of polybutylene succinate composites. <i>Polymer Composites</i> , 0, , .	4.6	0