Zejun Pu

List of Publications by Year in descending order

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Version: 2024-02-01

45	637	623734	642732
papers	citations	14 h-index	23 g-index

45	45	45	495
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel blue-emitting carboxyl-functionalized poly(arylene ether nitrile)s with excellent thermal and mechanical properties. Polymer Chemistry, 2014, 5, 3673.	3.9	64
2	Effect of surface functionalization of SiO2 particles on the interfacial and mechanical properties of PEN composite films. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 415, 125-133.	4.7	50
3	BaTiO3@MWCNTs core/shell nanotubes embedded PEN nanocomposite films with high thermal stability and highpermittivity. Materials Letters, 2013, 96, 139-142.	2.6	38
4	Preparation and dielectric properties of surface modified TiO2/PEN composite films with high thermal stability and flexibility. Journal of Materials Science: Materials in Electronics, 2012, 23, 2089-2097.	2.2	35
5	Crosslinking behavior of polyarylene ether nitrile terminated with phthalonitrile (PENâ€tâ€Ph)/1,3,5â€Triâ€(3,4â€dicyanophenoxy) benzene (TPh) system and its enhanced thermal stability. Journal of Applied Polymer Science, 2013, 130, 1363-1368.	2.6	33
6	Flexible Ultrahigh-Temperature Polymer-Based Dielectrics with High Permittivity for Film Capacitor Applications. Polymers, 2017, 9, 596.	4.5	29
7	Influence of composition on the proton conductivity and mechanical properties of sulfonated poly(aryl ether nitrile) copolymers for proton exchange membranes. Journal of Polymer Research, 2013, 20, 1.	2.4	27
8	Enhanced crystallinity, mechanical and dielectric properties of biphenyl polyarylene ether nitriles by unidirectional hot-stretching. Journal of Polymer Research, 2015, 22, 1.	2.4	27
9	Influence of Fe3O4/Fe-phthalocyanine decorated graphene oxide on the microwave absorbing performance. Journal of Magnetism and Magnetic Materials, 2016, 399, 81-87.	2.3	20
10	Effect of nitrile-functionalization and thermal cross-linking on the dielectric and mechanical properties of PEN/CNTsâ€“CN composites. Journal of Materials Science: Materials in Electronics, 2013, 24, 2913-2922.	2.2	19
11	Influence of hyperbranched copper phthalocyanine grafted carbon nanotubes on the dielectric and rheological properties of polyarylene ether nitriles. RSC Advances, 2015, 5, 72028-72036.	3.6	19
12	Effect of different carboxylic acid group contents on microstructure and properties of waterborne polyurethane dispersions. Journal of Polymer Research, 2020, 27, 1.	2.4	16
13	Preparation and properties of fluorinated silicon twoâ€component polyurethane hydrophobic coatings. Polymer International, 2020, 69, 448-456.	3.1	15
14	One step grafting of iron phthalocyanine containing flexible chains on Fe 3 O 4 nanoparticles towards high performance polymer magnetic composites. Journal of Magnetism and Magnetic Materials, 2015, 385, 368-376.	2.3	14
15	Synthesis and properties of cross-linkable poly(arylene ether nitrile)s containing side propenyl groups. High Performance Polymers, 2016, 28, 562-569.	1.8	14
16	Novel polyethersulfone dielectric films with high temperature resistance, intrinsic low dielectric constant and low dielectric loss. Journal of Materials Science: Materials in Electronics, 2021, 32, 967-976.	2.2	14
17	Electrospun fluorescent polyarylene ether nitrile nanofibrous mats and application as an adsorbent for Cu2+ removal. Fibers and Polymers, 2015, 16, 2215-2222.	2.1	13
18	Preparation of carbon nanotubes/polyethersulfone antistatic composite materials by a mixing process. Polymer Composites, 2020, 41, 556-563.	4.6	13

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19	Novel lowâ€dielectricâ€constant fluorineâ€functionalized polysulfone with outstanding comprehensive properties. Polymer International, 2020, 69, 604-610.	3.1	13
20	Synthesis and properties of sulfonated polyarylene ether nitrile copolymers for PEM with high thermal stability. Journal of Polymer Research, 2013, 20, 1.	2.4	12
21	Study on properties of barium titanate/polyethersulfone dielectric composites prepared by physical dispersion method. Journal of Materials Science: Materials in Electronics, 2019, 30, 221-229.	2.2	12
22	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. Materials Letters, 2013, 91, 235-238.	2.6	10
23	Sandwich-Like Graphiteâ€“Fullerene Composites with Enhanced Electromagnetic Wave Absorption. Journal of Electronic Materials, 2016, 45, 5921-5927.	2.2	10
24	Effect of CuPc@MWCNTs on rheological, thermal, mechanical and dielectric properties of polyarylene ether nitriles (PEN) terminated with phthalonitriles. Journal of Polymer Research, 2014, 21, 1.	2.4	9
25	A Dual Physical Crossâ€Linking Strategy to Construct Tough Hydrogels with High Strength, Excellent Fatigue Resistance, and Stretchingâ€Induced Strengthening Effect. Macromolecular Materials and Engineering, 2021, 306, 2100093.	3.6	9
26	Synthesis and properties of high performance polysulfone resin with low dielectric constant and dielectric loss. Journal of Materials Science: Materials in Electronics, 2019, 30, 18168-18176.	2.2	8
27	<scp>Dualâ€responsive</scp> shape memory hydrogels with <scp>selfâ€healing</scp> and <scp>dualâ€responsive</scp> swelling behaviors. Journal of Applied Polymer Science, 2021, 138, 50308.	2.6	8
28	Enhanced fluorescence properties of flexible waterborne polyurethane films by blocking fluorescein isothiocyanate (FITC). Materials Letters, 2021, 293, 129668.	2.6	8
29	Synthesis and properties of sulfonated poly(arylene ether nitrile) copolymers containing carboxyl groups for protonâ€exchange membrane materials. Journal of Applied Polymer Science, 2014, 131, .	2.6	7
30	Composites of Core/Shell-Structured Copper-Phthalocyanine-Decorated TiO2 Particles Embedded in Poly(Arylene Ether Nitrile) Matrix with Enhanced Dielectric Properties. Journal of Electronic Materials, 2014, 43, 2597-2606.	2.2	7
31	Ultralow Dielectric Constant and High Temperature Resistance Composites Based on Self-Crosslinking Polysulfone and Hollow Glass Beads. Journal of Electronic Materials, 2020, 49, 7581-7588.	2.2	7
32	Crystallized polyarylene ether nitrile blends with improved thermal, mechanical, dielectric properties, and processability. Polymer Composites, 2017, 38, 126-131.	4.6	6
33	Fabrication and Electromagnetic Properties of Conjugated NH2-CuPc@Fe3O4. Journal of Electronic Materials, 2017, 46, 5608-5618.	2.2	5
34	Composites Based on Coreâ€“Shell Structured HBCuPc@CNTs-Fe3O4 and Polyarylene Ether Nitriles with Excellent Dielectric and Mechanical Properties. Journal of Electronic Materials, 2017, 46, 5519-5530.	2.2	5
35	Synthesis and properties of novel organosoluble copoly(arylene ether nitriles) containing thioether moiety. Journal of Polymer Research, 2018, 25, 1.	2.4	5
36	Poly (3,4-Ethylenedioxythiophene) (PEDOT) Nanofibers Decorated Graphene Oxide (GO) as High-Capacity, Long Cycle Anodes for Sodium Ion Batteries. Materials, 2018, 11, 2032.	2.9	5

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37	Oriented growth of BaTiO3 along the basalt fibers and their dielectric properties in poly(ether) Tj ETQq1 1 0.784314 rgBT /Overlock 10 16136-16143.	2.2	5
38	Dielectric properties of polyethersulfone copolymers containing bisphenol S and six fluorine hexafluorobisphenolA (6AF) segments. Journal of Polymer Research, 2020, 27, 1.	2.4	5
39	Preparation and characterization of poly (arylene ether nitrile)/copper phthalocyanine composites via sintering treatment. Journal of Materials Science: Materials in Electronics, 2014, 25, 5505-5511.	2.2	4
40	An efficient strategy for preparation of high-k poly(arylene ether nitrile)-based dielectrics with enhanced thermo-stability and good temperature independence. Journal of Materials Science: Materials in Electronics, 2019, 30, 14736-14744.	2.2	4
41	Research on the relationship between structure and properties of the soluble polyaryl ether ketone terminated with phthalonitrile. Journal of Polymer Research, 2019, 26, 1.	2.4	4
42	Lightweight poly(m-phenylene isophthalamide)/CF/GO@Fe3O4 composites for enhanced shielding of electromagnetic pollution. Journal of Materials Science: Materials in Electronics, 2021, 32, 21441-21449.	2.2	4
43	Preparation and physical properties of intrinsic low-k polyarylene ether nitrile with enhanced thermo-stability. Journal of Polymer Research, 2020, 27, 1.	2.4	3
44	Effect of surface modification of <scp>SiO₂</scp> particles on the interfacial and mechanical properties of <scp>PBS</scp> composites. Polymer Composites, 2022, 43, 5087-5094.	4.6	2
45	Effect of surface modified magnesium sulfate whisker on crystallization and mechanical properties of polybutylene succinate composites. Polymer Composites, 0, , .	4.6	0