

Kun Jia

List of Publications by Year in descending order

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137
papers

2,483
citations

236833

25
h-index

276775

41
g-index

138
all docs

138
docs citations

138
times ranked

2336
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and microwave absorption properties of loose nanoscale Fe ₃ O ₄ spheres. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 2167-2171.	1.0	147
2	A Solvent Regulated Hydrogen Bond Crosslinking Strategy to Prepare Robust Hydrogel Paint for Oil/Water Separation. <i>Advanced Functional Materials</i> , 2021, 31, 2104701.	7.8	130
3	Hierarchically nanostructured Fe ₃ O ₄ microspheres and their novel microwave electromagnetic properties. <i>Materials Letters</i> , 2010, 64, 457-459.	1.3	73
4	Strong Improvements of Localized Surface Plasmon Resonance Sensitivity by Using Au/Ag Bimetallic Nanostructures Modified with Polydopamine Films. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 219-227.	4.0	73
5	Recent progress of graphene oxide as a potential vaccine carrier and adjuvant. <i>Acta Biomaterialia</i> , 2020, 112, 14-28.	4.1	70
6	Facile synthesis of luminescent silver nanoparticles and fluorescence interactions with blue-emitting polyarylene ether nitrile. <i>Journal of Materials Chemistry C</i> , 2015, 3, 3522-3529.	2.7	69
7	Polymeric micro-reactors mediated synthesis and assembly of Ag nanoparticles into cube-like superparticles for SERS application. <i>Chemical Engineering Journal</i> , 2020, 395, 125123.	6.6	60
8	In situ fabrication of MWCNTs reinforce dielectric performances of polyarylene ether nitrile nanocomposite. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 1-10.	1.1	52
9	Interfacial coordination mediated surface segregation of halloysite nanotubes to construct a high-flux antifouling membrane for oil-water emulsion separation. <i>Journal of Membrane Science</i> , 2021, 620, 118828.	4.1	52
10	Large Scale Fabrication of Gold Nano-Structured Substrates Via High Temperature Annealing and Their Direct Use for the LSPR Detection of Atrazine. <i>Plasmonics</i> , 2013, 8, 143-151.	1.8	51
11	Novel phthalonitrile-terminated polyarylene ether nitrile with high glass transition temperature and enhanced thermal stability. <i>Materials Letters</i> , 2014, 128, 267-270.	1.3	51
12	Crosslinked polyarylene ether nitrile film as flexible dielectric materials with ultrahigh thermal stability. <i>Scientific Reports</i> , 2016, 6, 36434.	1.6	48
13	Quantum dots encoded white-emitting polymeric superparticles for simultaneous detection of multiple heavy metal ions. <i>Journal of Hazardous Materials</i> , 2021, 405, 124263.	6.5	44
14	One-step fabrication of dual functional Tb ³⁺ coordinated polymeric micro/nano-structures for Cr(VI) adsorption and detection. <i>Journal of Hazardous Materials</i> , 2022, 423, 127166.	6.5	44
15	Solid state effective luminescent probe based on CdSe@CdS/amphiphilic co-polyarylene ether nitrile core-shell superparticles for Ag ⁺ detection and optical strain sensing. <i>Sensors and Actuators B: Chemical</i> , 2018, 257, 442-450.	4.0	43
16	Sensitive Localized Surface Plasmon Resonance Multiplexing Protocols. <i>Analytical Chemistry</i> , 2012, 84, 8020-8027.	3.2	41
17	A lower limit of detection for atrazine was obtained using bioluminescent reporter bacteria via a lower incubation temperature. <i>Ecotoxicology and Environmental Safety</i> , 2012, 84, 221-226.	2.9	41
18	Dual-emitting fluorescent chemosensor based on resonance energy transfer from poly(arylene ether) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 337-344.	4.0	37

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19	Development of localized surface plasmon resonance biosensors for the detection of <i>Brettanomyces bruxellensis</i> in wine. <i>Sensors and Actuators B: Chemical</i> , 2016, 223, 295-300.	4.0	35
20	Study of catalytic effect of ammonium molybdate on the bisphthalonitrile resins curing reaction with aromatic amine. <i>Chinese Chemical Letters</i> , 2009, 20, 348-351.	4.8	34
21	Chemically bonded iron carbonyl for magnetic composites based on phthalonitrile polymers. <i>Polymer International</i> , 2011, 60, 414-421.	1.6	29
22	Synthesis, polymerization, and properties of the allyl- ϵ -functional phthalonitrile. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	29
23	Low-swelling proton-conducting multi-layer composite membranes containing polyarylene ether nitrile and sulfonated carbon nanotubes for fuel cells. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 5113-5122.	3.8	29
24	Effect of SiO ₂ grafted MWCNTs on the mechanical and dielectric properties of PEN composite films. <i>Applied Surface Science</i> , 2015, 357, 704-711.	3.1	28
25	Progress of liquid crystal polyester (LCP) for 5G application. <i>Advanced Industrial and Engineering Polymer Research</i> , 2020, 3, 160-174.	2.7	28
26	Emulsion confinement self-assembly regulated lanthanide coordinating polymeric microparticles for multicolor fluorescent nanofibers. <i>Polymer</i> , 2021, 230, 124043.	1.8	28
27	Enhanced crystallinity, mechanical and dielectric properties of biphenyl polyarylene ether nitriles by unidirectional hot-stretching. <i>Journal of Polymer Research</i> , 2015, 22, 1.	1.2	27
28	Preparation and characterization of iron phthalocyanine polymer magnetic materials. <i>Journal of Materials Science: Materials in Electronics</i> , 2010, 21, 708-712.	1.1	25
29	3D confined self-assembling of QD within super-engineering block copolymers as biocompatible superparticles enabling stimulus responsive solid state fluorescence. <i>Nano Research</i> , 2021, 14, 285-294.	5.8	23
30	Dual-Mode Fluorescence and Magnetic Resonance Imaging Nanoprobe Based on Aromatic Amphiphilic Copolymer Encapsulated CdSe@CdS and Fe ₃ O ₄ . <i>ACS Applied Bio Materials</i> , 2018, 1, 520-528.	2.3	22
31	Size dependent electromagnetic properties of Fe ₃ O ₄ nanospheres. <i>Chemical Physics Letters</i> , 2014, 614, 31-35.	1.2	21
32	Copolymerization of self-catalyzed phthalonitrile with bismaleimide toward high-temperature-resistant polymers with improved processability. <i>High Performance Polymers</i> , 2016, 28, 895-907.	0.8	21
33	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.	1.0	20
34	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.	1.7	19
35	Ca ²⁺ Induced Crosslinking of AIE-Active Polyarylene Ether Nitrile into Fluorescent Polymeric Nanoparticles for Cellular Bioimaging. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700360.	2.0	19
36	Sequential acoustic detection of atrazine herbicide and carbofuran insecticide using a single micro-structured gold quartz crystal microbalance. <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 400-404.	4.0	18

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37	Self-cured phthalonitrile resin via multistage polymerization mediated by allyl and benzoxazine functional groups. <i>High Performance Polymers</i> , 2016, 28, 1161-1171.	0.8	18
38	Cross-linked sulfonated poly(arylene ether nitrile)s with high selectivity for proton exchange membranes. <i>Solid State Ionics</i> , 2017, 303, 126-131.	1.3	18
39	Fluorinated Oligomer Wrapped Perovskite Crystals for Inverted MAPbI ₃ Solar Cells with 21% Efficiency and Enhanced Stability. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 26093-26101.	4.0	18
40	Emulsion solvent evaporation induced self-assembly of polyarylene ether nitrile block copolymers into functional metal coordination polymeric microspheres. <i>Polymer</i> , 2020, 186, 122024.	1.8	17
41	Aromatic block copolymer ligand sensitized lanthanide nanostructures as ratiometric fluorescence probe for determination of residual K ₂ CO ₃ in super engineering thermoplastics. <i>Sensors and Actuators B: Chemical</i> , 2021, 334, 129611.	4.0	17
42	Au nanorods modulated NIR fluorescence and singlet oxygen generation of water soluble dendritic zinc phthalocyanine. <i>Journal of Colloid and Interface Science</i> , 2016, 482, 252-259.	5.0	16
43	Morphology and photophysical properties of dual-emissive hyperbranched zinc phthalocyanines and their self-assembling superstructures. <i>Journal of Materials Science</i> , 2016, 51, 3191-3199.	1.7	16
44	Tuning of polyarylene ether nitrile emission profile by using red-emitting gold nanoclusters via fluorescence resonance energy transfer. <i>RSC Advances</i> , 2014, 4, 46541-46544.	1.7	15
45	Novel high-temperature-resistant single-polymer composites based on self-reinforced phthalonitrile end-capped polyarylene ether nitrile. <i>Materials Letters</i> , 2015, 159, 337-340.	1.3	15
46	Controlled synthesis of silver nanostructures stabilized by fluorescent polyarylene ether nitrile. <i>Applied Surface Science</i> , 2016, 377, 180-183.	3.1	15
47	Large scale synthesis of an amorphous polyester elastomer with tunable mechanoluminescence and preliminary application in optical strain sensing. <i>Journal of Materials Chemistry C</i> , 2017, 5, 4134-4138.	2.7	15
48	Designing a low-temperature curable phenolic/benzoxazine-functionalized phthalonitrile copolymers for high performance composite laminates. <i>Journal of Polymer Research</i> , 2017, 24, 1.	1.2	15
49	Fixed Escherichia coli bacterial templates enable the production of sensitive SERS-based gold nanostructures. <i>Sensors and Actuators B: Chemical</i> , 2015, 211, 213-219.	4.0	14
50	Effective thermal conductivity and thermal properties of phthalonitrile-terminated poly(arylene ether) Tj ETQq0 0 0 rgBT /Overlock 10	1.3	14
51	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.	1.0	14
52	Curing behavior and processability of BMI/3â€CAPN system for advanced glass fiber composite laminates. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	14
53	Chain conformation dependent fluorescence of blue-emitting poly(arylene ether nitrile). <i>Journal of Luminescence</i> , 2016, 179, 622-628.	1.5	14
54	Incorporation of polyethylene glycol into polyethylene terephthalate towards blue emitting co-polyester. <i>Materials Letters</i> , 2016, 182, 367-371.	1.3	14

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55	Synthesis and properties of cross-linkable poly(arylene ether nitrile)s containing side propenyl groups. <i>High Performance Polymers</i> , 2016, 28, 562-569.	0.8	14
56	Unification of molecular NIR fluorescence and aggregation-induced blue emission via novel dendritic zinc phthalocyanines. <i>Journal of Materials Science</i> , 2017, 52, 3402-3418.	1.7	14
57	Effect of multiwalled carbon nanotubes on the crystallization and dielectric properties of BP-PEN nanocomposites. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 3833-3839.	1.1	13
58	Phthalonitrile end-capped polyarylene ether nitrile: crystals embedded in matrix through crosslinking reaction. <i>Polymer International</i> , 2015, 64, 1361-1365.	1.6	13
59	The relationship between processing and performances of polyarylene ether nitriles terminated with phthalonitrile/trifunctional phthalonitrile composites. <i>Journal of Polymer Research</i> , 2015, 22, 1.	1.2	13
60	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.	1.1	13
61	Effect of ortho-diallyl bisphenol A on the processability of phthalonitrile-based resin and their fiber-reinforced laminates. <i>Polymer Engineering and Science</i> , 2016, 56, 150-157.	1.5	13
62	Curing behaviors and properties of allyl- and benzoxazine-functional phthalonitrile with improved processability. <i>Journal of Polymer Research</i> , 2016, 23, 1.	1.2	13
63	Sulfonated poly(arylene ether nitrile)s containing cross-linkable nitrile groups for proton exchange membranes. <i>Solid State Ionics</i> , 2018, 316, 110-117.	1.3	13
64	Microemulsion self-assembling of novel amphiphilic block co-polyarylene ether nitriles and photosensitizer ZnPc towards hybrid superparticles for photocatalytic degradation of Rhodamine B. <i>Materials Chemistry and Physics</i> , 2018, 207, 212-220.	2.0	13
65	Facile fabrication of silver decorated polyarylene ether nitrile composited micro/nanospheres via microemulsion self-assembling. <i>Composites Part B: Engineering</i> , 2019, 156, 399-405.	5.9	13
66	Design of polymer composite-based porous membrane for in-situ photocatalytic degradation of adsorbed organic dyes. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 154, 110094.	1.9	13
67	Combining aggregation-induced emission and instinct high-performance of polyarylene ether nitriles via end-capping with tetraphenylethene. <i>European Polymer Journal</i> , 2022, 162, 110916.	2.6	13
68	A facile and cost-effective TEM grid approach to design gold nano-structured substrates for high throughput plasmonic sensitive detection of biomolecules. <i>Analyst</i> , 2013, 138, 1015.	1.7	12
69	Sulfonated carbon nanotubes synergistically enhanced the proton conductivity of sulfonated polyarylene ether nitriles. <i>RSC Advances</i> , 2015, 5, 34372-34376.	1.7	12
70	Aminophenoxyphthalonitrile modified MWCNTs/polyarylene ether nitriles composite films with excellent mechanical, thermal, dielectric properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 5152-5160.	1.1	12
71	Plasmon enhanced fluorescence of a bisphthalonitrile-based dye via a dopamine mediated interfacial crosslinking reaction on silver nanoparticles. <i>RSC Advances</i> , 2015, 5, 71652-71657.	1.7	12
72	Bioluminescence enhancement through an added washing protocol enabling a greater sensitivity to carbofuran toxicity. <i>Ecotoxicology and Environmental Safety</i> , 2013, 96, 61-66.	2.9	11

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73	A novel single-component composite based on phthalonitrile end-capped polyarylene ether nitrile: crystallization and crosslinking. <i>Journal of Polymer Research</i> , 2015, 22, 1.	1.2	11
74	Curing behaviors and performance of a carboxyl-terminated butadiene acrylonitrile rubber/bisphthalonitrile resin system. <i>High Performance Polymers</i> , 2016, 28, 581-590.	0.8	11
75	Detection of Cu ²⁺ metals by luminescent sensor based on sulfonated poly(arylene ether nitrile)/metal-organic frameworks. <i>Materials Today Communications</i> , 2018, 16, 258-263.	0.9	11
76	Pb ²⁺ coordination-driven self-assembly of amorphous amphiphilic aromatic block copolymer into semi-crystallized nanostructures with enhanced fluorescence emission. <i>Journal of Materials Chemistry C</i> , 2019, 7, 1057-1064.	2.7	11
77	Influence of carbon-based nanomaterials on lux-bioreporter <i>Escherichia coli</i> . <i>Talanta</i> , 2014, 126, 208-213.	2.9	10
78	Temperature dependent electrical conductivity and microwave absorption properties of composites based on multi-wall carbon nanotubes and phthalocyanine polymer. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 8008-8016.	1.1	10
79	Facile fabrication of white-emitting hybrid colloids and nanocomposite films using CdSe/CdS quantum dots and zinc phthalocyanines as building blocks. <i>Synthetic Metals</i> , 2016, 218, 9-18.	2.1	10
80	Sandwich-Like Graphite-“Fullerene Composites with Enhanced Electromagnetic Wave Absorption. <i>Journal of Electronic Materials</i> , 2016, 45, 5921-5927.	1.0	10
81	Mechanical, dielectric, and rheological properties of poly(arylene ether nitrile)-“reinforced poly(vinylidene fluoride). <i>High Performance Polymers</i> , 2017, 29, 178-186.	0.8	10
82	Synthesis and self-assembly of polyethersulfone-based amphiphilic block copolymers as microparticles for suspension immunosensors. <i>Polymer Chemistry</i> , 2020, 11, 1496-1503.	1.9	10
83	Interfacial crosslinking enabled super-engineering polymer-based composites with ultra-stable dielectric properties beyond 350Å°C. <i>Journal of Alloys and Compounds</i> , 2022, 891, 161952.	2.8	10
84	Recent progress on the poly(arylene ether)s-based electrospun nanofibers for high-performance applications. <i>Materials Research Express</i> , 2021, 8, 122003.	0.8	10
85	Preparation and properties of hybrid magnetic materials based on phthalocyanine polymer. <i>Journal of Materials Science: Materials in Electronics</i> , 2010, 21, 1125-1131.	1.1	9
86	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.	1.2	9
87	Polymer-based composites with improved energy density and dielectric constants by monoaxial hot-stretching for organic film capacitor applications. <i>RSC Advances</i> , 2015, 5, 51975-51982.	1.7	9
88	Introducing magnetic-responsive CNT/Fe ₃ O ₄ composites to enhance the mechanical properties of sulfonated poly(arylene ether nitrile) proton-exchange membranes. <i>Journal of Polymer Research</i> , 2015, 22, 1.	1.2	9
89	Enhanced microscopic nonlinear optical properties of novel Y-type chromophores with dual electron donor groups. <i>Chemical Physics Letters</i> , 2016, 648, 114-118.	1.2	9
90	Copolymerizing behavior and processability of allyl-functional bisphthalonitrile/bismaleimide system. <i>Polymer Composites</i> , 2017, 38, 1591-1599.	2.3	9

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91	Fabrication of an atrazine acoustic immunosensor based on a drop-deposition procedure. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2012, 59, 2015-21.	1.7	8
92	Novel Fe ₃ O ₄ /phthalonitrile alkyl-containing hybrid microspheres and their microwave absorption application in phthalonitrile composites. Journal of Magnetism and Magnetic Materials, 2014, 371, 20-28.	1.0	8
93	High Dielectric Constants of Composites of Fiber-Like Copper Phthalocyanine-Coated Graphene Oxide Embedded in Poly(arylene Ether Nitriles). Journal of Electronic Materials, 2015, 44, 2378-2386.	1.0	8
94	Dendritic copper phthalocyanine with aggregation induced blue emission and solid-state fluorescence. Chemical Physics Letters, 2016, 660, 143-148.	1.2	8
95	Formation of organometallic microstructures via self-assembling of carboxylated zinc phthalocyanines with selective adsorption and visible light-driven photodegradation of cationic dyes. Journal of Materials Science, 2018, 53, 492-505.	1.7	8
96	Fabrication and electromagnetic properties of flowerbud-like CNT-CuPc/Fe ₃ O ₄ . Journal of Alloys and Compounds, 2014, 617, 751-755.	2.8	7
97	One-pot synthesis of Au/Ag bimetallic nanoparticles to modulate the emission of CdSe/CdS quantum dots. RSC Advances, 2015, 5, 58163-58170.	1.7	7
98	Effect of auxiliary electron-donating group on the microscopic nonlinear optical properties of vinyl and azobenzene based chromophores. Journal of Materials Science: Materials in Electronics, 2016, 27, 7174-7182.	1.1	7
99	Novel cross-linked membrane for direct methanol fuel cell application: sulfonated poly(ether ether) Tj ETQq1 1 0.784314 rgBT /Overlo	1.2	7
100	Assembly of carboxylated zinc phthalocyanine with gold nanoparticle for colorimetric detection of calcium ion. Journal of Materials Science: Materials in Electronics, 2018, 29, 8380-8389.	1.1	7
101	Scalable Fabrication of Metallopolymeric Superstructures for Highly Efficient Removal of Methylene Blue. Nanomaterials, 2019, 9, 1001.	1.9	7
102	Reactive polymeric ligand mediated one-pot synthesis of hybrid magnetite nanospheres for enhanced electromagnetic absorption. Polymer, 2022, 240, 124497.	1.8	7
103	The Preparation and Properties of PEN/MWNT Nanocomposites. Journal of Composite Materials, 2010, 44, 2453-2460.	1.2	6
104	Solid-state pyrolysis of iron phthalocyanine polymer into iron nanowire inside carbon nanotube and their novel electromagnetic properties. Journal of Materials Research, 2011, 26, 2369-2372.	1.2	6
105	Design of flexible copper clad laminate with outstanding adhesion strength induced by chemical bonding. Journal of Materials Science: Materials in Electronics, 2014, 25, 5446-5451.	1.1	6
106	Covalent grafting of a-CNTs on copper phthalocyanine for the preparation of PEN nanocomposites with high dielectric constant and high thermal stability. Journal of Materials Science: Materials in Electronics, 2015, 26, 8922-8932.	1.1	6
107	Crystallized polyarylene ether nitrile blends with improved thermal, mechanical, dielectric properties, and processability. Polymer Composites, 2017, 38, 126-131.	2.3	6
108	Immobilization of Ag nanowire into zinc phthalocyanine doped copolyester elastomer for optoelectric flexible strain sensor. Chemical Physics Letters, 2018, 693, 55-59.	1.2	6

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109	Structure-property and bioimaging application of the difunctional polyarylene ether nitrile with AIEE feature and carboxyl group. <i>Polymer</i> , 2021, 217, 123459.	1.8	6
110	Novel polyarylene ether nitrile nanofibrous mats with fluorescence and controllable surface morphology. <i>Materials Letters</i> , 2015, 156, 32-35.	1.3	5
111	Titanium Dioxide/Multi-Walled Carbon Nanotube Heterostructure Containing Single One Carbon Nanotube and Its Electromagnetic Properties. <i>Nano</i> , 2015, 10, 1550102.	0.5	5
112	Effect of surface functionalization on the properties (rheological, mechanical, and dielectric) and microtopography of PEN/CPEN-f-CNTs nanocomposites. <i>Polymer Composites</i> , 2016, 37, 2622-2631.	2.3	5
113	Effect of elevated annealing temperature on electrical conductivity and magnetic properties of iron phthalocyanine polymer. <i>Journal of Polymer Research</i> , 2016, 23, 1.	1.2	5
114	Sulfonated copoly(arylene ether nitriles) as proton exchange membrane with excellent mechanical and thermal properties. <i>High Performance Polymers</i> , 2016, 28, 633-640.	0.8	5
115	CTAB induced emission from water soluble polyarylene ether nitrile carboxylate and selective sensing of Fe (III) ions. <i>Chemical Physics Letters</i> , 2017, 678, 72-78.	1.2	5
116	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.	1.1	4
117	Decoration of reduced graphene oxide with dandelion-like TiO ₂ and their dielectric properties in poly(arylene ether nitriles) composites. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 5051-5059.	1.1	4
118	Measurement of Bacterial Bioluminescence Intensity and Spectrum: Current Physical Techniques and Principles. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2015, 154, 19-45.	0.6	4
119	Introduction of dielectric phthalocyanine copper into nano-structure Fe ₃ O ₄ for excellent microwave absorption. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 382, 165-171.	1.0	4
120	Preparation of TiO ₂ @MWCNT core/shell heterostructures containing a single MWCNT and their electromagnetic properties. <i>Composite Interfaces</i> , 2015, 22, 343-351.	1.3	4
121	Scalable creation of gold nanostructures on high performance engineering polymeric substrate. <i>Applied Surface Science</i> , 2017, 426, 579-586.	3.1	4
122	Fe ³⁺ mediated self-assembling of polyarylene ether nitrile block copolymer into cationic dye adsorptive sub-micrometer spheres. <i>Materials Letters</i> , 2018, 222, 183-186.	1.3	4
123	An Immunosensor Based on Au-Ag Bimetallic NPs Patterned on a Thermal Resistant Flexible Polymer Substrate for In-Vitro Protein Detection. <i>Polymers</i> , 2019, 11, 1257.	2.0	4
124	Plasticization of poly(arylene ether nitrile) by the melt blending of phthalonitrile prepolymer: A rheological, mechanical, and thermal study. <i>Journal of Applied Polymer Science</i> , 2010, 116, 2668-2673.	1.3	3
125	Preparation of hybrid colloidal graphite-copper phthalocyanine and their utilization in polymer composites with enhanced thermal conductivity and mechanical properties. <i>Journal of Polymer Research</i> , 2014, 21, 1.	1.2	3
126	Rheology, morphology, and properties of polyarylene ether nitrile blends. <i>High Performance Polymers</i> , 2015, 27, 1016-1023.	0.8	3

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127	Silver nanoparticles enhanced crystallization of polyethylene terephthalate-co-polyethylene glycol (PET-PEG) thermoplastic elastomer. <i>Polymer Bulletin</i> , 2022, 79, 4593-4605.	1.7	3
128	Fabrication and microwave absorption properties of size-controlled polymer/Fe ₃ O ₄ hybrid microsphere based on aggregation-induced emission active polyarylene ether nitrile. <i>Journal of Polymer Research</i> , 2018, 25, 1.	1.2	2
129	Synthesis and Properties of Organic Nonlinear Optical Chromophores Containing Azo- and Furan-Based Conjugated Bridge. <i>Chinese Journal of Organic Chemistry</i> , 2016, 36, 2197.	0.6	2
130	Robust polymeric scaffold from 3D soft confinement self-assembly of polycondensation aromatic polymer. <i>European Polymer Journal</i> , 2021, 161, 110815.	2.6	2
131	Design of TiO ₂ @graphene nanosheets with rough surface and its reinforcement to polyarylene ether nitriles. <i>Polymers for Advanced Technologies</i> , 2015, 26, 1267-1274.	1.6	1
132	One-step synthesis of fluorescent silver nanoparticles with modulated emission wavelength using oligo-polyarylene ether nitrile as surface capping agent. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 16747-16754.	1.1	1
133	Acoustic biosensors for medical and environmental purposes. , 2011, , .		0
134	Synthesis and characterization of semi-crystalline polyarylene ether nitrile with AIEE feature. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 274, 012090.	0.3	0
135	Metal ions crosslinked poly (arylene ether nitrile) adsorbent for removal of rhodamine B. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 170, 052010.	0.2	0
136	Emulsion Confinement Self-Assembly Induced Localization of Ag NPs in Janus Polymeric Superparticles. <i>Materials Science Forum</i> , 0, 1061, 51-56.	0.3	0
137	Self-Assembly of Homo-Polyarylene Ether Into Reactive Matrix for Fabrication of Hybrid Functional Microparticles. <i>Frontiers in Chemistry</i> , 0, 10, .	1.8	0