

# Xiaobo Liu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

466  
papers

8,070  
citations

42  
h-index

60  
g-index

478  
ext. papers

9,458  
ext. citations

4.1  
avg, IF

6.44  
L-index

#	Paper	IF	Citations
466	Understanding the curing behaviors and properties of phthalonitrile containing benzoxazine with a new type of aniline curing agent. <i>Polymer Testing</i> , <b>2022</b> , 107, 107487	4.5	2
465	SWCNTs/phthalocyanine polymer composite derived nitrogen self-doped graphene-like carbon for high-performance supercapacitors electrodes. <i>Materials Chemistry and Physics</i> , <b>2022</b> , 277, 125433	4.4	0
464	Introducing cyano-functionalized multiwalled carbon nanotubes to improve corrosion resistance and mechanical performance of poly(arylene ether nitrile) coating. <i>Surface and Coatings Technology</i> , <b>2022</b> , 432, 128058	4.4	1
463	Reactive polymeric ligand mediated one-pot synthesis of hybrid magnetite nanospheres for enhanced electromagnetic absorption. <i>Polymer</i> , <b>2022</b> , 240, 124497	3.9	1
462	Facile preparation of graphene film and sandwiched flexible poly(arylene ether nitrile)/graphene composite films with high EMI shielding efficiency. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2022</b> , 154, 106777	8.4	4
461	Interfacial crosslinking enabled super-engineering polymer-based composites with ultra-stable dielectric properties beyond 350 °C. <i>Journal of Alloys and Compounds</i> , <b>2022</b> , 891, 161952	5.7	0
460	Effect of isothermal heat treatment and thermal stretching on the properties of crystalline poly(arylene ether nitrile). <i>Journal of Physics and Chemistry of Solids</i> , <b>2022</b> , 160, 110335	3.9	0
459	One-step fabrication of dual functional Tb coordinated polymeric micro/nano-structures for Cr(VI) adsorption and detection. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 423, 127166	12.8	11
458	Advanced composites based on end-capped polyarylene ether nitrile/bisphthalonitrile with controllable thermal curing reaction. <i>Polymer</i> , <b>2022</b> , 245, 124695	3.9	2
457	Economic burden of dengue fever in China: A retrospective research study.. <i>PLoS Neglected Tropical Diseases</i> , <b>2022</b> , 16, e0010360	4.8	0
456	The 2021 China report of the Lancet Countdown on health and climate change: seizing the window of opportunity. <i>Lancet Public Health</i> , <b>2021</b> , 6, e932-e947	22.4	2
455	Facile fabrication of Fe/FeC embedded in N-doped carbon nanofiber for efficient degradation of tetracycline via peroxymonosulfate activation: Role of superoxide radical and singlet oxygen. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 609, 86-101	9.3	5
454	Polybenzoxazine/boron nitride foam: a promising low-k, flame-retardant and robust material. <i>Journal of Materials Science</i> , <b>2021</b> , 56, 18749-18761	4.3	1
453	Robust polymeric scaffold from 3D soft confinement self-assembly of polycondensation aromatic polymer. <i>European Polymer Journal</i> , <b>2021</b> , 161, 110815	5.2	0
452	Improving interfacial properties of polyarylene ether nitrile/aramid fiber composite through hydrogen bonding interaction combined with molecular weight adjustment. <i>Journal of Physics and Chemistry of Solids</i> , <b>2021</b> , 161, 110474	3.9	0
451	Structure-property and bioimaging application of the difunctional polyarylene ether nitrile with AIEE feature and carboxyl group. <i>Polymer</i> , <b>2021</b> , 217, 123459	3.9	3
450	Effects and interaction of meteorological factors on hemorrhagic fever with renal syndrome incidence in Huludao City, northeastern China, 2007-2018. <i>PLoS Neglected Tropical Diseases</i> , <b>2021</b> , 15, e0009217	4.8	2

449	Spatial Dynamics of Dengue Fever in Mainland China, 2019. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	3
448	Tuning the polymerization sequence of alkynyl-functionalized benzoxazine: application as precursor for efficient magnetic EMI shielding materials. <i>Journal of Materials Science</i> , <b>2021</b> , 56, 10691-10705	4.3	6
447	Assessing the suitability for <i>Aedes albopictus</i> and dengue transmission risk in China with a delay differential equation model. <i>PLoS Neglected Tropical Diseases</i> , <b>2021</b> , 15, e0009153	4.8	4
446	A Systematic Review of the Development and Validation of the Heat Vulnerability Index: Major Factors, Methods, and Spatial Units. <i>Current Climate Change Reports</i> , <b>2021</b> , 7, 87-97	9	3
445	Investigation on phenolphthalein and bisphenol AF based Poly(arylene ether nitrile) copolymers: Preparation, thermal, mechanical and dielectric properties. <i>Polymer Testing</i> , <b>2021</b> , 96, 107091	4.5	4
444	Preparation of bisphenol A polyaryl ether nitrile microporous foam. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2021</b> , 781, 052016	0.3	
443	Fluorinated Oligomer Wrapped Perovskite Crystals for Inverted MAPbI <sub>3</sub> Solar Cells with 21% Efficiency and Enhanced Stability. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 26093-26101	9.5	3
442	Entomological and Molecular Surveillance of Mosquitoes in Freetown, Sierra Leone, 2019. <i>Frontiers in Public Health</i> , <b>2021</b> , 9, 649672	6	
441	Surface modification of aramid fiber by crystalline polyarylene ether nitrile sizing for improving interfacial adhesion with polyarylene ether nitrile. <i>Composites Part B: Engineering</i> , <b>2021</b> , 217, 108917	10	4
440	High electromagnetic interference shielding effectiveness achieved by multiple internal reflection and absorption in polybenzoxazine/graphene foams. <i>Journal of Applied Polymer Science</i> , <b>2021</b> , 138, 51318	2.9	4
439	3D confined self-assembling of QD within super-engineering block copolymers as biocompatible superparticles enabling stimulus responsive solid state fluorescence. <i>Nano Research</i> , <b>2021</b> , 14, 285-294	10	19
438	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> , <b>2021</b> , 620, 118828	9.6	28
437	Quantum dots encoded white-emitting polymeric superparticles for simultaneous detection of multiple heavy metal ions. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 405, 124263	12.8	23
436	The 2020 China report of the Lancet Countdown on health and climate change. <i>Lancet Public Health</i> , <b>2021</b> , 6, e64-e81	22.4	27
435	Dielectric films with good dielectric breakdown strength based on poly(arylene ether nitrile) enhanced by nano boron nitride and graphene oxide via noncovalent interaction. <i>Journal of Physics and Chemistry of Solids</i> , <b>2021</b> , 151, 109906	3.9	3
434	In situ fabrication of flower-like metallopolymeric superstructure on Nd <sub>2</sub> Fe <sub>14</sub> B template for enhanced microwave absorption. <i>Journal of Physics and Chemistry of Solids</i> , <b>2021</b> , 149, 109755	3.9	6
433	Investigation on curing reaction of phthalonitrile resin with nanosilica and the properties of their glass fiber-reinforced composites. <i>Journal of Applied Polymer Science</i> , <b>2021</b> , 138, 49777	2.9	4
432	Public health professionals' perceptions of the capacity of China's CDCs to address emerging and re-emerging infectious diseases. <i>Journal of Public Health</i> , <b>2021</b> , 43, 209-216	3.5	4

431	Porous N self-doped carbon materials for high-performance supercapacitors via nanosized silica template combined with pyrolysis method. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2021</b> , 32, 2774-2783	2.1	1
430	Porous fluorinated polyarylene ether nitrile as ultralow permittivity dielectrics used under humid environment. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 860-868	7.1	14
429	Comparative analyses on epidemiological characteristics of dengue fever in Guangdong and Yunnan, China, 2004-2018. <i>BMC Public Health</i> , <b>2021</b> , 21, 1389	4.1	0
428	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> , <b>2021</b> , 154, 110094	3.9	6
427	Ambient air pollution and low temperature associated with case fatality of COVID-19: A nationwide retrospective cohort study in China. <i>Innovation(China)</i> , <b>2021</b> , 2, 100139	17.8	7
426	TiO <sub>2</sub> immobilized on polyarylene ether nitrile/Fe <sup>3+</sup> complex for efficient adsorption and photocatalytic degradation towards methylene blue. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 875, 159957	5.7	6
425	Emulsion confinement self-assembly regulated lanthanide coordinating polymeric microparticles for multicolor fluorescent nanofibers. <i>Polymer</i> , <b>2021</b> , 230, 124043	3.9	16
424	Curing reaction and properties of a kind of fluorinated phthalonitrile containing benzoxazine. <i>European Polymer Journal</i> , <b>2021</b> , 159, 110715	5.2	5
423	Design and properties of polyarylene ether nitrile copolymers with improved elongation at break. <i>Journal of Applied Polymer Science</i> , <b>2021</b> , 138, 50522	2.9	3
422	Fabrication of phthalonitrile-based copper-clad laminates and their application properties: Thermo-stability and dielectric properties. <i>Advanced Industrial and Engineering Polymer Research</i> , <b>2020</b> , 3, 194-201	7.3	1
421	Interactions and marginal effects of meteorological factors on haemorrhagic fever with renal syndrome in different climate zones: Evidence from 254 cities of China. <i>Science of the Total Environment</i> , <b>2020</b> , 721, 137564	10.2	6
420	Effect of Plasticizer and Shearing Field on the Properties of Poly(arylene ether nitrile) Composites. <i>ACS Omega</i> , <b>2020</b> , 5, 1870-1878	3.9	1
419	Synthesis and self-assembly of polyethersulfone-based amphiphilic block copolymers as microparticles for suspension immunosensors. <i>Polymer Chemistry</i> , <b>2020</b> , 11, 1496-1503	4.9	8
418	Identification and molecular characterization of Wolbachia strains in natural populations of <i>Aedes albopictus</i> in China. <i>Parasites and Vectors</i> , <b>2020</b> , 13, 28	4	12
417	Climate factors and the East Asian summer monsoon may drive large outbreaks of dengue in China. <i>Environmental Research</i> , <b>2020</b> , 183, 109190	7.9	25
416	Polymeric micro-reactors mediated synthesis and assembly of Ag nanoparticles into cube-like superparticles for SERS application. <i>Chemical Engineering Journal</i> , <b>2020</b> , 395, 125123	14.7	40
415	Surveillance and Risk Warnings for Dengue - China, 2016-2019. <i>China CDC Weekly</i> , <b>2020</b> , 2, 431-437	4	0
414	An Outbreak of Dengue Virus Type 1 - Jiangxi Province, China, 2019. <i>China CDC Weekly</i> , <b>2020</b> , 2, 684-687	4	0

4 <sup>13</sup>	Ultralow dielectric constant polyarylene ether nitrile foam with excellent mechanical properties. <i>Chemical Engineering Journal</i> , <b>2020</b> , 384, 123231	14.7	41
4 <sup>12</sup>	Climate factors driven typhus group rickettsiosis incidence dynamics in Xishuangbanna Dai autonomous prefecture of Yunnan province in China, 2005-2017. <i>Environmental Health</i> , <b>2020</b> , 19, 3	6	0
4 <sup>11</sup>	Epidemiological characteristics and spatiotemporal patterns of typhus group rickettsiosis at the county level in China, 2005-2017. <i>International Journal of Infectious Diseases</i> , <b>2020</b> , 91, 60-67	10.5	4
4 <sup>10</sup>	Emulsion solvent evaporation induced self-assembly of polyarylene ether nitrile block copolymers into functional metal coordination polymeric microspheres. <i>Polymer</i> , <b>2020</b> , 186, 122024	3.9	14
4 <sup>09</sup>	Mechanically robust and thermally insulating polyarylene ether nitrile with a bone-like structure. <i>Materials and Design</i> , <b>2020</b> , 196, 109099	8.1	2
4 <sup>08</sup>	Tungstophosphoric acid-doped sulfonated poly(arylene ether nitriles) composite membranes with improved proton conductivity and excellent long-term stability. <i>Solid State Ionics</i> , <b>2020</b> , 357, 115487	3.3	2
4 <sup>07</sup>	An Effective Design Strategy for the Sandwich Structure of PVDF/GNP-Ni-CNT Composites with Remarkable Electromagnetic Interference Shielding Effectiveness. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 36568-36577	9.5	47
4 <sup>06</sup>	Fabrication strategies of polymer-based electromagnetic interference shielding materials. <i>Advanced Industrial and Engineering Polymer Research</i> , <b>2020</b> , 3, 149-159	7.3	9
4 <sup>05</sup>	Spatiotemporal dynamics of hemorrhagic fever with renal syndrome in Jiangxi province, China. <i>Scientific Reports</i> , <b>2020</b> , 10, 14291	4.9	1
4 <sup>04</sup>	Improving the thermal and mechanical properties of poly(arylene ether nitrile) films through blending high- and low-molecular-weight polymers. <i>Journal of Applied Polymer Science</i> , <b>2020</b> , 137, 48457-2.9	5	
4 <sup>03</sup>	Determination of Factors Affecting Dengue Occurrence in Representative Areas of China: A Principal Component Regression Analysis. <i>Frontiers in Public Health</i> , <b>2020</b> , 8, 603872	6	1
4 <sup>02</sup>	Self-Toughening and Self-Enhancement Poly(arylene ether nitrile) with Low Dielectric Constant by Solid Crosslinking Reaction. <i>Polymers</i> , <b>2019</b> , 11,	4.5	8
4 <sup>01</sup>	Functionalized Poly(arylene ether nitrile) Porous Membrane with High Pb(II) Adsorption Performance. <i>Polymers</i> , <b>2019</b> , 11,	4.5	8
4 <sup>00</sup>	Organic/inorganic hybrid consisting of supportive poly(arylene ether nitrile) microspheres and photocatalytic titanium dioxide nanoparticles for the adsorption and photocatalysis of methylene blue. <i>Composites Part B: Engineering</i> , <b>2019</b> , 177, 107414	10	14
399	Modification on glass fiber surface and their improved properties of fiber-reinforced composites via enhanced interfacial properties. <i>Composites Part B: Engineering</i> , <b>2019</b> , 177, 107419	10	28
398	Pb <sup>2+</sup> 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> , <b>2019</b> , 7, 1057-1064	7.1	11
397	Polyethylenimine Assisted Bio-Inspired Surface Functionalization of Hexagonal Boron Nitride for Enhancing the Crystallization and the Properties of Poly(Arylene Ether Nitrile). <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	2
396	Benzoxazine Containing Fluorinated Aromatic Ether Nitrile Linkage: Preparation, Curing Kinetics and Dielectric Properties. <i>Polymers</i> , <b>2019</b> , 11,	4.5	10

395	Polyarylene ether nitrile and boron nitride composites: coating with sulfonated polyarylene ether nitrile. <i>E-Polymers</i> , <b>2019</b> , 19, 70-78	2.7	9
394	Effect of Crosslinking Degree on Sulfonated Poly(aryl ether nitrile)s As Candidates for Proton Exchange Membranes. <i>Polymers</i> , <b>2019</b> , 11,	4.5	6
393	Amphiphilic fluorescent copolymers via one-pot synthesis of RAFT polymerization and multicomponent Biginelli reaction and their cells imaging applications. <i>Journal of Materials Research</i> , <b>2019</b> , 34, 3011-3019	2.5	10
392	Breeding Site Characteristics and Associated Factors of Complex in Lhasa, Tibet, P. R. China. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	6
391	Design of bi-modal pore structure polyarylene ether nitrile/SiO <sub>2</sub> foams with ultralow-k dielectric and wave transparent properties by supercritical carbon dioxide. <i>Composites Part B: Engineering</i> , <b>2019</b> , 173, 106915	10	25
390	The impact of climate variability on infectious disease transmission in China: Current knowledge and further directions. <i>Environmental Research</i> , <b>2019</b> , 173, 255-261	7.9	23
389	Polyarylene Ether Nitrile and Barium Titanate Nanocomposite Plasticized by Carboxylated Zinc Phthalocyanine Buffer. <i>Polymers</i> , <b>2019</b> , 11,	4.5	7
388	The frequency independent functionalized MoS <sub>2</sub> nanosheet/poly(arylene ether nitrile) composites with improved dielectric and thermal properties via mussel inspired surface chemistry. <i>Applied Surface Science</i> , <b>2019</b> , 481, 1239-1248	6.7	17
387	A polymerizable aggregation-induced emission dye for fluorescent nanoparticles: synthesis, molecular structure and application in cell imaging. <i>Polymer Chemistry</i> , <b>2019</b> , 10, 2162-2169	4.9	13
386	Preparation and physical properties of polyarylene ether nitrile and polyarylene ether sulfone random copolymers. <i>High Performance Polymers</i> , <b>2019</b> , 31, 686-693	1.6	7
385	Facile fabrication of silver decorated polyarylene ether nitrile composited micro/nanospheres via microemulsion self-assembling. <i>Composites Part B: Engineering</i> , <b>2019</b> , 156, 399-405	10	9
384	A study on fluoroelastomer/MWCNTs-COOH dielectric composite with high temperature and acid resistance. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 16359-16368	2.1	1
383	Fabrication and Enhanced Thermal Conductivity of Boron Nitride and Polyarylene Ether Nitrile Hybrids. <i>Polymers</i> , <b>2019</b> , 11,	4.5	9
382	Epidemiological dynamics of dengue fever in mainland China, 2014-2018. <i>International Journal of Infectious Diseases</i> , <b>2019</b> , 86, 82-93	10.5	14
381	Component Adjustment of Poly(arylene ether nitrile) with Sulfonic and Carboxylic Groups for Dielectric Films. <i>Polymers</i> , <b>2019</b> , 11,	4.5	7
380	Scalable Fabrication of Metallopolymeric Superstructures for Highly Efficient Removal of Methylene Blue. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	6
379	Achieving Secondary Dispersion of Modified Nanoparticles by Hot-Stretching to Enhance Dielectric and Mechanical Properties of Polyarylene Ether Nitrile Composites. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	6
378	Controllable Fabrication of Poly(Arylene Ether Nitrile) Dielectrics for Thermal-Resistant Film Capacitors. <i>Macromolecules</i> , <b>2019</b> , 52, 5850-5859	5.5	41

377	Design and properties of Poly(arylene ether nitriles) composites via incorporation of Poly(arylene ether nitriles) grafted Fe <sub>3</sub> O <sub>4</sub> /Fe-phthalocyanine hybrid submicron-spheres. <i>Composites Part B: Engineering</i> , <b>2019</b> , 176, 107202	10	5
376	An Immunosensor Based on Au-Ag Bimetallic NPs Patterned on a Thermal Resistant Flexible Polymer Substrate for In-Vitro Protein Detection. <i>Polymers</i> , <b>2019</b> , 11,	4.5	1
375	Preparation of polyarylene ether nitriles/fullerene composites with low dielectric constant by cosolvent evaporation. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 18297-18305	2.1	7
374	The Adsorption of Methylene Blue by an Amphiphilic Block Co-Poly(Arylene Ether Nitrile) Microsphere-Based Adsorbent: Kinetic, Isotherm, Thermodynamic and Mechanistic Studies. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	11
373	Enhanced dielectric and energy storage properties of polyarylene ether nitrile composites incorporated with barium titanate nanowires. <i>Ceramics International</i> , <b>2019</b> , 45, 22841-22848	5.1	13
372	Synthesis and Photoinduced Anisotropy of Polymers Containing Nunchaku-Like Unit with an Azobenzene and a Mesogen. <i>Polymers</i> , <b>2019</b> , 11,	4.5	5
371	Thermally stable and dielectric nanocomposite based on poly(arylene ether nitrile) and BaTiO <sub>3</sub> functionalized by modified mussel-inspired route. <i>Journal of Polymer Research</i> , <b>2019</b> , 26, 1	2.7	9
370	The driver of dengue fever incidence in two high-risk areas of China: A comparative study. <i>Scientific Reports</i> , <b>2019</b> , 9, 19510	4.9	5
369	Fabrication of BaTiO-Loaded Graphene Nanosheets-Based Polyarylene Ether Nitrile Nanocomposites with Enhanced Dielectric and Crystallization Properties. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	5
368	Spatio-temporal patterns of scrub typhus in mainland China, 2006-2017. <i>PLoS Neglected Tropical Diseases</i> , <b>2019</b> , 13, e0007916	4.8	10
367	Fabrication of crosslinked single-component polyarylene ether nitrile composite with enhanced dielectric properties. <i>Polymer</i> , <b>2019</b> , 161, 162-169	3.9	49
366	Dengue control in the context of climate change: Views from health professionals in different geographic regions of China. <i>Journal of Infection and Public Health</i> , <b>2019</b> , 12, 388-394	7.4	1
365	Dielectric properties of poly(arylene ether nitrile ketone) copolymers. <i>High Performance Polymers</i> , <b>2019</b> , 31, 901-908	1.6	2
364	Improved thermal stability and mechanical properties of benzoxazine-based composites with the enchantment of nitrile. <i>Polymer Testing</i> , <b>2019</b> , 74, 127-137	4.5	11
363	A novel poly(arylene ether nitrile) ultrafiltration membrane for water purification and its antifouling property with in situ-generated SiO <sub>2</sub> nanoparticles. <i>High Performance Polymers</i> , <b>2019</b> , 31, 977-985	1.6	4
362	Mechanical and dielectric properties of crystalline poly(arylene ether nitrile) copolymers. <i>High Performance Polymers</i> , <b>2019</b> , 31, 310-320	1.6	6
361	Preparation of Sulfonated Poly(arylene ether nitrile)-Based Adsorbent as a Highly Selective and Efficient Adsorbent for Cationic Dyes. <i>Polymers</i> , <b>2018</b> , 11,	4.5	15
360	Assembly of carboxylated zinc phthalocyanine with gold nanoparticle for colorimetric detection of calcium ion. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 8380-8389	2.1	7

359	Design of h-BN-Filled Cyanate/Epoxy Thermal Conductive Composite with Stable Dielectric Properties. <i>Macromolecular Research</i> , <b>2018</b> , 26, 602-608	1.9	20
358	Rational design of sulfonated poly(ether ether ketone) grafted graphene oxide-based composites for proton exchange membranes with enhanced performance. <i>Polymer</i> , <b>2018</b> , 144, 7-17	3.9	33
357	China's capacity of hospitals to deal with infectious diseases in the context of climate change. <i>Social Science and Medicine</i> , <b>2018</b> , 206, 60-66	5.1	6
356	Understanding of the polymerization mechanism of the phthalonitrile-based resins containing benzoxazine and their thermal stability. <i>Polymer</i> , <b>2018</b> , 143, 28-39	3.9	39
355	Iron phthalocyanine coatings on the surface of carbon fibers and their improved interfacial interactions with poly(arylene ether)nitrile. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 46466	2.9	1
354	Public health co-benefits of greenhouse gas emissions reduction: A systematic review. <i>Science of the Total Environment</i> , <b>2018</b> , 627, 388-402	10.2	56
353	Influence of the carboxylic acid groups on the structure and properties of sulfonated poly(arylene ether nitrile) copolymer. <i>Ionics</i> , <b>2018</b> , 24, 2611-2619	2.7	8
352	Landscape of emerging and re-emerging infectious diseases in China: impact of ecology, climate, and behavior. <i>Frontiers of Medicine</i> , <b>2018</b> , 12, 3-22	12	29
351	Immobilization of Ag nanowire into zinc phthalocyanine doped copolyester elastomer for optoelectric flexible strain sensor. <i>Chemical Physics Letters</i> , <b>2018</b> , 693, 55-59	2.5	6
350	Sulfonated poly(arylene ether nitrile)s containing cross-linkable nitrile groups for proton exchange membranes. <i>Solid State Ionics</i> , <b>2018</b> , 316, 110-117	3.3	12
349	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> , <b>2018</b> , 207, 212-220	4.4	12
348	Vulnerability to the impact of temperature variability on mortality in 31 major Chinese cities. <i>Environmental Pollution</i> , <b>2018</b> , 239, 631-637	9.3	43
347	Secondary dispersion of BaTiO <sub>3</sub> for the enhanced mechanical properties of the Poly (arylene ether nitrile)-based composite laminates. <i>Polymer Testing</i> , <b>2018</b> , 66, 164-171	4.5	15
346	Crystallinity of poly(arylene ether nitrile) copolymers containing hydroquinone and bisphenol A segments. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 46412	2.9	14
345	Curing behaviors and properties of epoxy and self-catalyzed phthalonitrile with improved processability. <i>High Performance Polymers</i> , <b>2018</b> , 30, 710-719	1.6	9
344	Synthesis and properties of novel organosoluble copoly(arylene ether nitriles) containing thioether moiety. <i>Journal of Polymer Research</i> , <b>2018</b> , 25, 1	2.7	5
343	Constructing Multifunctional Heterostructure of Fe O @Ni Se Nanotubes. <i>Small</i> , <b>2018</b> , 14, e1704065	11	33
342	Mosquito population dynamics during the construction of Three Gorges Dam in Yangtze River, China. <i>Acta Tropica</i> , <b>2018</b> , 182, 251-256	3.2	2



341	In situ polymerization approach to poly(arylene ether nitrile)-functionalized multiwalled carbon nanotube composite films: thermal, mechanical, dielectric, and electrical properties. <i>Science and Engineering of Composite Materials</i> , <b>2018</b> , 25, 25-29	1.5	2
340	In situ catalyzed and reinforced high-temperature flexible crosslinked ZnO nano-whisker/polyarylene ether nitriles composite dielectric films. <i>Polymer Composites</i> , <b>2018</b> , 39, 2801-2811	2.3	7
339	Mechanical, dielectric, and thermal properties of polyarylene ether nitrile and boron nitride nanosheets composites. <i>Polymer Composites</i> , <b>2018</b> , 39, E1598-E1605	3	12
338	Formation of organometallic microstructures via self-assembling of carboxylated zinc phthalocyanines with selective adsorption and visible light-driven photodegradation of cationic dyes. <i>Journal of Materials Science</i> , <b>2018</b> , 53, 492-505	4.3	4
337	The effect of polyarylene ether nitriles structures on their foaming behaviors and dielectric properties of the films. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 1317-1326	2.1	5
336	Simple surface nanocrystallization approach to prepare Fe <sub>3</sub> O <sub>4</sub> /Fe-phthalocyanine@Nd <sub>2</sub> Fe <sub>14</sub> B composite as an excellent absorber. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 765, 92-97	5.7	5
335	Polyarylene Ether Nitrile-Based High-k Composites for Dielectric Applications. <i>International Journal of Polymer Science</i> , <b>2018</b> , 2018, 1-15	2.4	8
334	Thermal Stability of Allyl-Functional Phthalonitriles-Containing Benzoxazine/Bismaleimide Copolymers and Their Improved Mechanical Properties. <i>Polymers</i> , <b>2018</b> , 10,	4.5	24
333	Post Self-Crosslinking of Phthalonitrile-Terminated Polyarylene Ether Nitrile Crystals. <i>Polymers</i> , <b>2018</b> , 10,	4.5	11
332	Dual-Mode Fluorescence and Magnetic Resonance Imaging Nanoprobe Based on Aromatic Amphiphilic Copolymer Encapsulated CdSe@CdS and FeO <sub>x</sub> . <i>ACS Applied Bio Materials</i> , <b>2018</b> , 1, 520-528	4.1	18
331	Crystallization behaviors and properties of poly (arylene ether nitrile) nanocomposites induced by aluminum oxide and multi-walled carbon nanotubes. <i>Journal of Materials Science</i> , <b>2018</b> , 53, 14361-14374	4.3	3
330	Enhanced Dielectric Properties of Polyarylene Ether Nitriles Filled with Core/Shell Structured PbZrO <sub>3</sub> Around BaTiO <sub>3</sub> Nanoparticles. <i>Journal of Electronic Materials</i> , <b>2018</b> , 47, 6177-6184	1.9	10
329	Energy Storage of Polyarylene Ether Nitriles at High Temperature. <i>Electronic Materials Letters</i> , <b>2018</b> , 14, 440-445	2.9	8
328	Preparation and thermal conductivity of copper phthalocyanine grafted boron nitride nanosheets. <i>Materials Letters</i> , <b>2018</b> , 227, 33-36	3.3	12
327	Impact of meteorological factors on hemorrhagic fever with renal syndrome in 19 cities in China, 2005-2014. <i>Science of the Total Environment</i> , <b>2018</b> , 636, 1249-1256	10.2	21
326	Micro/Mesoporous Fe <sub>3</sub> O <sub>4</sub> /Fe-Phthalocyanine Microspheres and Effects of Their Surface Morphology on the Crystallization and Properties of Poly(Arylene Ether Nitrile) Composites. <i>Materials</i> , <b>2018</b> , 11,	3.5	4
325	Dielectric properties of diblock copolymers containing a polyarylene ether nitrile block and a polyarylene ether ketone block. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 3127-3134	2.1	7
324	Design of the phthalonitrile-based composite laminates by improving the interfacial compatibility and their enhanced properties. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 45881	2.9	10

323	High performance phthalonitrile/phenolic epoxy (PNP/PEP) copolymers and their GFRP composites. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2018</b> , 170, 042012	0.3	1
322	Polyarylene ether nitriles based nanocomposites with enhanced mechanical and dielectric properties by unidirectional orientation. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2018</b> , 170, 052011	0.3	
321	Preparation and properties of direct methanol fuel cell membranes by embedding sulfonic titania into sulfonated poly(arylene ether nitrile)s. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2018</b> , 170, 042013	0.3	
320	Crystalline, Mechanical and Dielectric Properties of Polyarylene Ether Nitrile with Multi-Walled Carbon Nanotube Filled with Polyarylene Ether Nitrile. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2018</b> , 18, 4311-4317	1.3	5
319	Metal ions crosslinked poly (arylene ether nitrile) adsorbent for removal of rhodamine B. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2018</b> , 170, 052010	0.3	
318	Spatiotemporal patterns and determinants of dengue at county level in China from 2005-2017. <i>International Journal of Infectious Diseases</i> , <b>2018</b> , 77, 96-104	10.5	11
317	Interface Modulation of Core-Shell Structured BaTiO <sub>3</sub> @polyaniline for Novel Dielectric Materials from Its Nanocomposite with Polyarylene Ether Nitrile. <i>Polymers</i> , <b>2018</b> , 10,	4.5	18
316	Synergistic Effects of Functional CNTs and h-BN on Enhanced Thermal Conductivity of Epoxy/Cyanate Matrix Composites. <i>Nanomaterials</i> , <b>2018</b> , 8,	5.4	9
315	Improved energy storage density of composite films based on poly(arylene ether nitrile) and sulfonated poly(arylene ether nitrile) functionalized graphene. <i>Materials Today Communications</i> , <b>2018</b> , 17, 355-361	2.5	8
314	Significant improvement of thermal oxidative mechanical properties in phthalonitrile GFRP composites by introducing microsilica as complementary reinforcement. <i>Composites Part B: Engineering</i> , <b>2018</b> , 155, 425-430	10	10
313	Constructing Continuous Proton-Conducting Highways within Sulfonated Poly(Arylene Ether Nitrile) Composite Membrane by Incorporating Amino-Sulfo-Bifunctionalized GO. <i>Polymers</i> , <b>2018</b> , 10,	4.5	11
312	Designing and Preparation of Fiber-Reinforced Composites with Enhanced Interface Adhesion. <i>Polymers</i> , <b>2018</b> , 10,	4.5	18
311	Spatial analysis of dengue fever and exploration of its environmental and socio-economic risk factors using ordinary least squares: A case study in five districts of Guangzhou City, China, 2014. <i>International Journal of Infectious Diseases</i> , <b>2018</b> , 75, 39-48	10.5	28
310	Fabrication and microwave absorption properties of size-controlled polymer/Fe <sub>3</sub> O <sub>4</sub> hybrid microsphere based on aggregation-induced emission active polyarylene ether nitrile. <i>Journal of Polymer Research</i> , <b>2018</b> , 25, 1	2.7	2
309	The synthesis and characterization of a new cross-linkable copolymerization poly(arylene ether sulfone) End-Capped with Phthalonitrile. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2018</b> , 170, 052009	0.3	1
308	Greenhouse gas emissions reduction in different economic sectors: Mitigation measures, health co-benefits, knowledge gaps, and policy implications. <i>Environmental Pollution</i> , <b>2018</b> , 240, 683-698	9.3	25
307	Sulfonated poly(arylene ether nitrile)-based hybrid membranes containing amine-functionalized GO for constructing long-range ionic nanochannels. <i>International Journal of Hydrogen Energy</i> , <b>2018</b> , 43, 11214-11222	6.7	22
306	Detection of Cu <sup>2+</sup> metals by luminescent sensor based on sulfonated poly(arylene ether nitrile)/metal-organic frameworks. <i>Materials Today Communications</i> , <b>2018</b> , 16, 258-263	2.5	8

305	Novel composite proton exchange membrane with long-range proton transfer channels constructed by synergistic effect between acid and base functionalized graphene oxide. <i>Polymer</i> , <b>2018</b> , 149, 305-315	3.9	40
304	Mechanical, dielectric, and rheological properties of poly(arylene ether nitrile) reinforced poly(vinylidene fluoride). <i>High Performance Polymers</i> , <b>2017</b> , 29, 178-186	1.6	9
303	Crystallized polyarylene ether nitrile blends with improved thermal, mechanical, dielectric properties, and processability. <i>Polymer Composites</i> , <b>2017</b> , 38, 126-131	3	4
302	Synthesis and properties of highly soluble branched polyimide based on 2,4,6-triaminopyrimidine. <i>High Performance Polymers</i> , <b>2017</b> , 29, 68-76	1.6	7
301	Thermal degradation kinetics of poly(arylene ether nitrile) and its cross-linked polymer. <i>High Performance Polymers</i> , <b>2017</b> , 29, 211-217	1.6	3
300	MWCNT-reinforced polyarylene ether nitrile nanocomposites: Influence of surface roughness of MWCNT. <i>High Performance Polymers</i> , <b>2017</b> , 29, 441-449	1.6	5
299	Copolymerizing behavior and processability of allyl-functional bisphthalonitrile/bismaleimide system. <i>Polymer Composites</i> , <b>2017</b> , 38, 1591-1599	3	6
298	Nitrile functionalized graphene oxide for highly selective sulfonated poly(arylene ether nitrile)-based proton-conducting membranes. <i>RSC Advances</i> , <b>2017</b> , 7, 2971-2978	3.7	10
297	Seasonal variations of temperature-related mortality burden from cardiovascular disease and myocardial infarction in China. <i>Environmental Pollution</i> , <b>2017</b> , 224, 400-406	9.3	40
296	Effect of magnetite bridged carbon nanotube/graphene networks on the properties of polyarylene ether nitrile. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 3978-3986	2.1	3
295	Synergistic effect of graphene oxide and carbon nanotubes on sulfonated poly(arylene ether nitrile)-based proton conducting membranes. <i>International Journal of Hydrogen Energy</i> , <b>2017</b> , 42, 8224-8232	6.7	32
294	Dielectric Properties of Reduced Graphene Oxide/Copper Phthalocyanine Nanocomposites Fabricated Through Interaction. <i>Journal of Electronic Materials</i> , <b>2017</b> , 46, 488-496	1.9	11
293	Cross-linked sulfonated poly(arylene ether nitrile)s membranes based on macromolecule cross-linker for direct methanol fuel cell application. <i>Ionics</i> , <b>2017</b> , 23, 2133-2142	2.7	1
292	Ambient high temperature and mortality in Jinan, China: A study of heat thresholds and vulnerable populations. <i>Environmental Research</i> , <b>2017</b> , 156, 657-664	7.9	26
291	Unification of molecular NIR fluorescence and aggregation-induced blue emission via novel dendritic zinc phthalocyanines. <i>Journal of Materials Science</i> , <b>2017</b> , 52, 3402-3418	4.3	12
290	Ionic liquid induced surface trap-state passivation for efficient perovskite hybrid solar cells. <i>Organic Electronics</i> , <b>2017</b> , 41, 42-48	3.5	32
289	Novel cross-linked membrane for direct methanol fuel cell application: sulfonated poly(ether ether nitrile)s. <i>Ionics</i> , <b>2017</b> , 23, 87-94	2.7	6
288	Double-layer core/shell-structured nanoparticles in polyarylene ether nitrile-based nanocomposites as flexible dielectric materials. <i>RSC Advances</i> , <b>2017</b> , 7, 29306-29311	3.7	31

287	CTAB induced emission from water soluble polyarylene ether nitrile carboxylate and selective sensing of Fe (III) ions. <i>Chemical Physics Letters</i> , <b>2017</b> , 678, 72-78	2.5	4
286	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> , <b>2017</b> , 5, 4134-4138	7.1	11
285	SGO/SPEN-based highly selective polymer electrolyte membranes for direct methanol fuel cells. <i>Ionics</i> , <b>2017</b> , 23, 2143-2152	2.7	27
284	Perceptions of malaria control and prevention in an era of climate change: a cross-sectional survey among CDC staff in China. <i>Malaria Journal</i> , <b>2017</b> , 16, 136	3.6	5
283	Dielectric properties of copper phthalocyanine nanocomposites incorporated with graphene oxide. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 7437-7448	2.1	5
282	Magnetite-Bridged Carbon Nanotubes/Graphene Sheets Three-Dimensional Network with Excellent Microwave Absorption. <i>Journal of Electronic Materials</i> , <b>2017</b> , 46, 2097-2105	1.9	11
281	Phthalonitrile-terminated sulfonated poly(arylene ether nitrile)s for direct methanol fuel cells (DMFCs) application. <i>Ionics</i> , <b>2017</b> , 23, 1035-1041	2.7	6
280	Cross-linked sulfonated poly(arylene ether nitrile)s with high selectivity for proton exchange membranes. <i>Solid State Ionics</i> , <b>2017</b> , 303, 126-131	3.3	18
279	Synergistic enhancement of mechanical, crystalline and dielectric properties of polyarylene ether nitrile-based nanocomposites by unidirectional hot stretching-quenching. <i>Polymer International</i> , <b>2017</b> , 66, 1151-1158	3.3	21
278	Health professionals' perceptions of hemorrhagic fever with renal syndrome and climate change in China. <i>Global and Planetary Change</i> , <b>2017</b> , 152, 12-18	4.2	5
277	Climate variation drives dengue dynamics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 113-118	11.5	112
276	Designing a low-temperature curable phenolic/benzoxazine-functionalized phthalonitrile copolymers for high performance composite laminates. <i>Journal of Polymer Research</i> , <b>2017</b> , 24, 1	2.7	11
275	Preparation of poly (arylene ether nitrile)/NzFeB composite film with excellent thermal properties and tensile strength. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 274, 012089	0.4	8
274	Synthesis and characterization of semi-crystalline polyarylene ether nitrile with AIEE feature. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 274, 012090	0.4	8
273	Promoted crystallization of Poly(arylene ether nitrile) reinforced with Fe <sub>3</sub> O <sub>4</sub> /FePc nano-hybrid microspheres. <i>Materials Today Communications</i> , <b>2017</b> , 13, 72-79	2.5	4
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270	Scalable creation of gold nanostructures on high performance engineering polymeric substrate. <i>Applied Surface Science</i> , <b>2017</b> , 426, 579-586	6.7	4

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267	Cross-linked sulfonated poly(arylene ether nitrile)s with low swelling and high proton conductivity. <i>Macromolecular Research</i> , <b>2017</b> , 25, 1199-1204	1.9	4
266	Fluffy and Ordered Graphene Multilayer Films with Improved Electromagnetic Interference Shielding over X-Band. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 22408-22419	9.5	50
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261	Haze, public health and mitigation measures in China: A review of the current evidence for further policy response. <i>Science of the Total Environment</i> , <b>2017</b> , 578, 148-157	10.2	171
260	Modification of the effects of air pollutants on mortality by temperature: A systematic review and meta-analysis. <i>Science of the Total Environment</i> , <b>2017</b> , 575, 1556-1570	10.2	72
259	Association between dengue fever incidence and meteorological factors in Guangzhou, China, 2005-2014. <i>Environmental Research</i> , <b>2017</b> , 153, 17-26	7.9	68
258	Preparation and properties of crosslinked hybrid proton exchange membrane based on sulfonated poly(arylene ether nitrile) with improved selectivity for fuel cell application. <i>Ionics</i> , <b>2017</b> , 23, 671-679	2.7	5
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255	Crosslinked Polyarylene Ether Nitrile Interpenetrating with Zinc Ion Bridged Graphene Sheet and Carbon Nanotube Network. <i>Polymers</i> , <b>2017</b> , 9,	4.5	33
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250	Synthesis and properties of cross-linkable poly(arylene ether nitrile)s containing side propenyl groups. <i>High Performance Polymers</i> , <b>2016</b> , 28, 562-569	1.6	13
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248	Phthalonitrile-based resin for advanced composite materials: Curing behavior studies. <i>Polymer Testing</i> , <b>2016</b> , 55, 38-43	4.5	40
247	Studied on mechanical, thermal and dielectric properties of BPh/PEN-OH copolymer. <i>Composites Part B: Engineering</i> , <b>2016</b> , 106, 294-299	10	26
246	Moderately reduced graphene oxide/PEDOT:PSS as hole transport layer to fabricate efficient perovskite hybrid solar cells. <i>Organic Electronics</i> , <b>2016</b> , 39, 288-295	3.5	36
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244	Effect of elevated annealing temperature on electrical conductivity and magnetic properties of iron phthalocyanine polymer. <i>Journal of Polymer Research</i> , <b>2016</b> , 23, 1	2.7	3
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241	Self-cured phthalonitrile resin via multistage polymerization mediated by allyl and benzoxazine functional groups. <i>High Performance Polymers</i> , <b>2016</b> , 28, 1161-1171	1.6	15
240	Dual-emitting fluorescent chemosensor based on resonance energy transfer from poly(arylene ether nitrile) to gold nanoclusters for mercury detection. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 230, 337-344	8.5	33
239	Preparation and dielectric properties of copper phthalocyanine/graphene oxide nanohybrids via in situ polymerization. <i>Journal of Materials Science</i> , <b>2016</b> , 51, 4682-4690	4.3	24
238	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> , <b>2016</b> , 41, 5113-5122	6.7	24
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236	In-situ preparation and dielectric properties of silver-polyarylene ether nitrile nanocomposite films. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2016</b> , 27, 4559-4565	2.1	8
235	Curing behaviors and properties of allyl- and benzoxazine-functional phthalonitrile with improved processability. <i>Journal of Polymer Research</i> , <b>2016</b> , 23, 1	2.7	11
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231	Curing behavior and processability of BMI/3-APN system for advanced glass fiber composite laminates. <i>Journal of Applied Polymer Science</i> , <b>2016</b> , 133,	2.9	10
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222	The burden of stroke mortality attributable to cold and hot ambient temperatures: Epidemiological evidence from China. <i>Environment International</i> , <b>2016</b> , 92-93, 232-8	12.9	94
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217	Incorporation of polyethylene glycol into polyethylene terephthalate towards blue emitting co-polyester. <i>Materials Letters</i> , <b>2016</b> , 182, 367-371	3.3	9
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211	In situ fabrication of MWCNTs reinforce dielectric performances of polyarylene ether nitrile nanocomposite. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2015</b> , 26, 1-10	2.1	38
210	Covalent grafting of a-CNTs on copper phthalocyanine for the preparation of PEN nanocomposites with high dielectric constant and high thermal stability. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2015</b> , 26, 8922-8932	2.1	5
209	Novel polyarylene ether nitrile nanofibrous mats with fluorescence and controllable surface morphology. <i>Materials Letters</i> , <b>2015</b> , 156, 32-35	3.3	5
208	Novel high-temperature-resistant single-polymer composites based on self-reinforced phthalonitrile end-capped polyarylene ether nitrile. <i>Materials Letters</i> , <b>2015</b> , 159, 337-340	3.3	14
207	One-pot synthesis of Au/Ag bimetallic nanoparticles to modulate the emission of CdSe/CdS quantum dots. <i>RSC Advances</i> , <b>2015</b> , 5, 58163-58170	3.7	6
206	Predicting unprecedented dengue outbreak using imported cases and climatic factors in Guangzhou, 2014. <i>PLoS Neglected Tropical Diseases</i> , <b>2015</b> , 9, e0003808	4.8	82
205	Continuous crafting of uniform colloidal nanocrystals using an inert-gas-driven microflow reactor. <i>Nanoscale</i> , <b>2015</b> , 7, 9731-7	7.7	9
204	Dengue is still an imported disease in China: a case study in Guangzhou. <i>Infection, Genetics and Evolution</i> , <b>2015</b> , 32, 178-90	4.5	66
203	One step grafting of iron phthalocyanine containing flexible chains on Fe <sub>3</sub> O <sub>4</sub> nanoparticles towards high performance polymer magnetic composites. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2015</b> , 385, 368-376	2.8	13
202	Preparation of TiO <sub>2</sub> /MWCNT core/shell heterostructures containing a single MWCNT and their electromagnetic properties. <i>Composite Interfaces</i> , <b>2015</b> , 22, 343-351	2.3	2
201	Aminophenoxypthalonitrile modified MWCNTs/polyarylene ether nitriles composite films with excellent mechanical, thermal, dielectric properties. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2015</b> , 26, 5152-5160	2.1	12
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199	Facile synthesis of luminescent silver nanoparticles and fluorescence interactions with blue-emitting polyarylene ether nitrile. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 3522-3529	7.1	61
198	Enhanced crystallinity, mechanical and dielectric properties of biphenyl polyarylene ether nitriles by unidirectional hot-stretching. <i>Journal of Polymer Research</i> , <b>2015</b> , 22, 1	2.7	21



197	The relationship between processing and performances of polyarylene ether nitriles terminated with phthalonitrile/trifunctional phthalonitrile composites. <i>Journal of Polymer Research</i> , <b>2015</b> , 22, 1	2.7	8
196	Effect of SiO <sub>2</sub> grafted MWCNTs on the mechanical and dielectric properties of PEN composite films. <i>Applied Surface Science</i> , <b>2015</b> , 357, 704-711	6.7	26
195	Titanium Dioxide/Multi-Walled Carbon Nanotube Heterostructure Containing Single One Carbon Nanotube and Its Electromagnetic Properties. <i>Nano</i> , <b>2015</b> , 10, 1550102	1.1	4
194	Facile fabrication of multilayer films of graphene oxide/copper phthalocyanine with high dielectric properties. <i>RSC Advances</i> , <b>2015</b> , 5, 88306-88310	3.7	10
193	Plasmon enhanced fluorescence of a bisphthalonitrile-based dye via a dopamine mediated interfacial crosslinking reaction on silver nanoparticles. <i>RSC Advances</i> , <b>2015</b> , 5, 71652-71657	3.7	10
192	Influence of hyperbranched copper phthalocyanine grafted carbon nanotubes on the dielectric and rheological properties of polyarylene ether nitriles. <i>RSC Advances</i> , <b>2015</b> , 5, 72028-72036	3.7	18
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189	Rheology, morphology, and properties of polyarylene ether nitrile blends. <i>High Performance Polymers</i> , <b>2015</b> , 27, 1016-1023	1.6	2
188	Performance of a 4H-SiC Schottky diode as a compact sized detector for neutron pulse form measurements. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2015</b> , 771, 17-20	1.2	16
187	Carboxyl-containing polyarylene ether nitrile/Fe <sub>3</sub> O <sub>4</sub> hybrids and their effects on the PEN composites. <i>Polymer Composites</i> , <b>2015</b> , 36, 1325-1334	3	2
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185	Phthalonitrile end-capped polyarylene ether nitrile: crystals embedded in matrix through crosslinking reaction. <i>Polymer International</i> , <b>2015</b> , 64, 1361-1365	3.3	8
184	Design of TiO <sub>2</sub> @graphene nanosheets with rough surface and its reinforcement to polyarylene ether nitriles. <i>Polymers for Advanced Technologies</i> , <b>2015</b> , 26, 1267-1274	3.2	1
183	Effects of Climate and Rodent Factors on Hemorrhagic Fever with Renal Syndrome in Chongqing, China, 1997-2008. <i>PLoS ONE</i> , <b>2015</b> , 10, e0133218	3.7	10
182	Polymer-based composites with improved energy density and dielectric constants by monoaxial hot-stretching for organic film capacitor applications. <i>RSC Advances</i> , <b>2015</b> , 5, 51975-51982	3.7	8
181	A novel single-component composite based on phthalonitrile end-capped polyarylene ether nitrile: crystallization and crosslinking. <i>Journal of Polymer Research</i> , <b>2015</b> , 22, 1	2.7	9
180	Sulfonated carbon nanotubes synergistically enhanced the proton conductivity of sulfonated polyarylene ether nitriles. <i>RSC Advances</i> , <b>2015</b> , 5, 34372-34376	3.7	12

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178	Hyperbranched copper phthalocyanine decorated Fe <sub>3</sub> O <sub>4</sub> microspheres with extraordinary microwave absorption properties. <i>RSC Advances</i> , <b>2015</b> , 5, 7018-7022	3.7	21
177	Electrical properties of poly(arylene ether nitrile)/graphene nanocomposites prepared by in situ thermal reduction route. <i>Journal of Polymer Research</i> , <b>2014</b> , 21, 1	2.7	14
176	Dielectric and mechanical properties of three-component Al <sub>2</sub> O <sub>3</sub> /MWCNTs/polyarylene ether nitrile micro-nanocomposite. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2014</b> , 25, 1393-1399	2.1	13
175	Dielectric, mechanical and thermal properties of novel core-shell CuPc@MWCNTs/PEN composite films. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2014</b> , 25, 1089-1096	2.1	4
174	The preparation and wide frequency microwave absorbing properties of tri-substituted-bisphthalonitrile/Fe <sub>3</sub> O <sub>4</sub> magnetic hybrid microspheres. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2014</b> , 349, 15-20	2.8	14
173	Effects of surface modification on interfacial and rheological properties of CCTO/PEN composite films. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2014</b> , 441, 556-564	5.1	14
172	Preparation and properties of bisphenol A-based bisphthalonitrile polymers. <i>High Performance Polymers</i> , <b>2014</b> , 26, 3-11	1.6	13
171	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> , <b>2014</b> , 21, 1	2.7	1
170	Effect of multiwalled carbon nanotubes on the crystallization and dielectric properties of BP-PEN nanocomposites. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2014</b> , 25, 3833-3839	2.1	13
169	Growing nano-petals on electrospun micro/nano fibers. <i>RSC Advances</i> , <b>2014</b> , 4, 8699-8702	3.7	3
168	Size dependent electromagnetic properties of Fe <sub>3</sub> O <sub>4</sub> nanospheres. <i>Chemical Physics Letters</i> , <b>2014</b> , 614, 31-35	2.5	18
167	Design of bristle-like TiO <sub>2</sub> /MWCNT nanotubes to improve the dielectric and interfacial properties of polymer-based composite films. <i>RSC Advances</i> , <b>2014</b> , 4, 4985	3.7	32
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165	Tuning of polyarylene ether nitrile emission profile by using red-emitting gold nanoclusters via fluorescence resonance energy transfer. <i>RSC Advances</i> , <b>2014</b> , 4, 46541-46544	3.7	15
164	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> , <b>2014</b> , 131, n/a-n/a	2.9	6
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159	Composites of Core/Shell-Structured Copper-Phthalocyanine-Decorated TiO <sub>2</sub> Particles Embedded in Poly(Arylene Ether Nitrile) Matrix with Enhanced Dielectric Properties. <i>Journal of Electronic Materials</i> , <b>2014</b> , 43, 2597-2606	1.9	7
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156	Preparation and microwave absorption properties of rod-like iron phthalocyanine with nitrile and nitro groups. <i>Materials Letters</i> , <b>2014</b> , 123, 6-9	3.3	9
155	Graphene nanoplatelet-reinforced semi-crystal poly(arylene ether nitrile) nanocomposites prepared by the twin-screw extrusion. <i>Polymer Composites</i> , <b>2014</b> , 35, 404-411	3	5
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153	Community knowledge and experience of mosquitoes and personal prevention and control practices in Lhasa, Tibet. <i>International Journal of Environmental Research and Public Health</i> , <b>2014</b> , 11, 9919-37	4.6	4
152	Design of flexible copper clad laminate with outstanding adhesion strength induced by chemical bonding. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2014</b> , 25, 5446-5451	2.1	4
151	Effect of processing conditions on physical properties of 3-aminophenoxyphthalonitrile/epoxy laminates. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	3
150	Study of polyarylene ether nitrile terminated with phthalonitrile/hybrid Fe <sub>3</sub> O <sub>4</sub> nanospheres composites by orthogonal experiments. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	7
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141	Predicting local dengue transmission in Guangzhou, China, through the influence of imported cases, mosquito density and climate variability. <i>PLoS ONE</i> , <b>2014</b> , 9, e102755	3.7	70
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139	Mechanical and thermal properties of graphite nanoplatelets reinforced polyarylene ether nitriles/bisphthalonitrile IPN system. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 127, 3595-3600	2.9	9
138	Effect of interfacial chemistry on the linear rheology and thermal stability of poly(arylene ether nitrile) nanocomposite films filled with various functionalized graphite nanoplates. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 127, 1827-1833	2.9	7
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135	Synthesis and properties of sulfonated polyarylene ether nitrile copolymers for PEM with high thermal stability. <i>Journal of Polymer Research</i> , <b>2013</b> , 20, 1	2.7	9
134	Decoration of basalt fibers with hybrid Fe <sub>3</sub> O <sub>4</sub> microspheres and their microwave absorption application in bisphthalonitrile composites. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 2286-2296	13	88
133	Dielectric and thermal properties of novel three-component CCTO/MWCNTs/polyarylene ether nitrile composite films. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2013</b> , 24, 3652-3659	2.1	12
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128	Design of low temperature self-cured phthalonitrile-based polymers for advanced glass fiber composite laminates. <i>Journal of Materials Science</i> , <b>2013</b> , 48, 8108-8116	4.3	42
127	Manufacturing and thermal and mechanical properties of advanced 3-aminophenoxyphthalonitrile/bisphthalonitrile composite laminates. <i>High Performance Polymers</i> , <b>2013</b> , 25, 214-224	1.6	14
126	Rapid warming in Tibet, China: public perception, response and coping resources in urban Lhasa. <i>Environmental Health</i> , <b>2013</b> , 12, 71	6	18

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122	BaTiO <sub>3</sub> @MWCNTs core/shell nanotubes embedded PEN nanocomposite films with high thermal stability and highpermittivity. <i>Materials Letters</i> , <b>2013</b> , 96, 139-142	3.3	35
121	Preparation and microwave absorption properties of BaTiO <sub>3</sub> @MWCNTs core/shell heterostructure. <i>Materials Letters</i> , <b>2013</b> , 111, 24-27	3.3	36
120	Facile synthesis of copper phthalocyanine supported on MWCNTs to improve their dispersibility and compatibility in PEN matrix. <i>Materials Letters</i> , <b>2013</b> , 109, 116-119	3.3	15
119	The preparation and high-frequency electromagnetic properties of ferrimagnetic bisphthalonitrile@Fe <sub>3</sub> O <sub>4</sub> core-shell hollow microspheres. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2013</b> , 340, 70-75	2.8	10
118	Dramatic mechanical and thermal increments of thermoplastic composites by multi-scale synergetic reinforcement: Carbon fiber and graphene nanoplatelet. <i>Materials &amp; Design</i> , <b>2013</b> , 44, 74-80		67
117	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> , <b>2013</b> , 91, 235-238	3.3	8
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113	Low dielectric permittivity and high thermal stability composites based on crosslinkable poly(arylene ether nitrile) and hollow glass microsphere. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2013</b> , 24, 1238-1242	2.1	22
112	Mechanical, thermal, electrical, and interfacial properties of high-performance bisphthalonitrile/polyarylene ether nitrile/glass fiber composite laminates. <i>Polymer Composites</i> , <b>2013</b> , 34, 2160-2168	3	17
111	Preparation and properties of bisphenol A-based bis-phthalonitrile composite laminates. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 129, 2621-2628	2.9	24
110	Crosslinking behavior of polyarylene ether nitrile terminated with phthalonitrile (PEN-t-Ph)/1,3,5-Tri-(3,4-dicyanophenoxy) benzene (TPh) system and its enhanced thermal stability. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 130, 1363-1368	2.9	25
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108	New strategy to reinforce and toughen composites via introducing thorns-like micro/nanofibers. <i>European Polymer Journal</i> , <b>2012</b> , 48, 74-78	5.2	13

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104	An effective approach to enhance temperature independence of dielectric properties for polyarylene ether nitrile films. <i>Materials Letters</i> , <b>2012</b> , 75, 218-220	3.3	33
103	Effects of Eu <sub>2</sub> O <sub>3</sub> doping on the microwave electromagnetic performances of ferrocenyl organic magnetic material. <i>Materials Letters</i> , <b>2012</b> , 78, 162-165	3.3	6
102	Nitrile functionalized graphene for poly(arylene ether nitrile) nanocomposite films with enhanced dielectric permittivity. <i>Materials Letters</i> , <b>2012</b> , 78, 88-91	3.3	16
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99	Electrospun magnetic fibrillar polyarylene ether nitriles nanocomposites reinforced with Fe-phthalocyanine/Fe <sub>3</sub> O <sub>4</sub> hybrid microspheres. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 123, 1732-1739	2.9	11
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95	Preparation and dielectric properties of poly(arylene ether nitrile) containing carboxyl groups/carbon nanotubes composites. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2012</b> , 23, 206-211	2.1	5
94	Preparation and dielectric properties of surface modified TiO <sub>2</sub> /PEN composite films with high thermal stability and flexibility. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2012</b> , 23, 2089-2097	2.1	30
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86	High Performance Composites of Polybenzoxazine and Polyarylene Ether Nitriles (PEN). <i>Polymers and Polymer Composites</i> , <b>2012</b> , 20, 73-76	0.8	2
85	Effect of nitrile functionalized graphene on the properties of poly(arylene ether nitrile) nanocomposites. <i>Polymer International</i> , <b>2012</b> , 61, 880-887	3.3	14
84	Curing behaviors and properties of novolac/bisphthalonitrile blends. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 125, 649-656	2.9	26
83	Effect of curing behaviors on the properties of poly(arylene ether nitrile) end-capped with phthalonitrile. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 125, 3829-3835	2.9	43
82	Effects of graphene nanosheets on the dielectric, mechanical, thermal properties, and rheological behaviors of poly(arylene ether nitriles). <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 125, 828-828	2.9	1
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80	Production of empty and iron-filled multiwalled carbon nanotubes from iron phthalocyanine polymer and their electromagnetic properties. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2012</b> , 23, 921-927	2.1	1
79	Synergetic effect of cyanogen functionalized carbon nanotube and graphene on the mechanical and thermal properties of poly(arylene ether nitrile). <i>Journal of Polymer Research</i> , <b>2012</b> , 19, 1	2.7	22
78	Self-promoted curing phthalonitrile with high glass transition temperature for advanced composites. <i>Journal of Polymer Research</i> , <b>2012</b> , 19, 1	2.7	54
77	Effect of functional nitrile groups on curing behaviors and thermal properties of epoxy resins as advanced matrix materials. <i>Science and Engineering of Composite Materials</i> , <b>2012</b> , 19, 347-350	1.5	3
76	Effects of self-promoted curing behaviors on properties of phthalonitrile/epoxy copolymer. <i>High Performance Polymers</i> , <b>2012</b> , 24, 571-579	1.6	26
75	One-step synthesis of Fe-phthalocyanine/Fe <sub>3</sub> O <sub>4</sub> hybrid microspheres. <i>Materials Letters</i> , <b>2011</b> , 65, 264-267	2.3	29
74	Solvothermal synthesis and characterization of functionalized graphene sheets (FGSs)/magnetite hybrids. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2011</b> , 176, 1333-1339	3.1	24
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72	Synthesis of high glass transition temperature fluorescent polyarylene ether nitrile copolymers. <i>Materials Letters</i> , <b>2011</b> , 65, 1703-1706	3.3	40

71	One-pot solvothermal synthesis of sandwich-like graphene nanosheets/Fe <sub>3</sub> O <sub>4</sub> hybrid material and its microwave electromagnetic properties. <i>Materials Letters</i> , <b>2011</b> , 65, 1737-1740	3-3	75
70	Synthesis and dielectric properties of polyarylene ether nitriles with high thermal stability and high mechanical strength. <i>Materials Letters</i> , <b>2011</b> , 65, 2758-2761	3-3	77
69	Flexible polyarylene ether nitrile containing pendant carboxyl groups/Eu(III) fluorescent films with high thermal stability and mechanical strength. <i>Materials Letters</i> , <b>2011</b> , 65, 3450-3453	3-3	4
68	Controllable synthesis, magnetism and solubility enhancement of graphene nanosheets/magnetite hybrid material by covalent bonding. <i>Journal of Colloid and Interface Science</i> , <b>2011</b> , 363, 98-104	9-3	41
67	Magnetite-graphene nanosheets (GNs)/poly(arylene ether nitrile) (PEN): Fabrication and characterization of a multifunctional nanocomposite film. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2011</b> , 390, 112-119	5-1	21
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65	Electrical, thermal, and mechanical properties of polyarylene ether nitriles/graphite nanosheets nanocomposites prepared by masterbatch route. <i>Journal of Materials Science</i> , <b>2011</b> , 46, 824-831	4-3	37
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63	The structure and mechanism of porous silica films by sol-gel method using poly(ethylene glycol) and side-chain polyether modified polydimethylsiloxane with terminal Si-CH <sub>3</sub> as templates. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2011</b> , 22, 944-948	2-1	4
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59	Synthesis and Dielectric Properties of Hyperbranched CuPc Based on Biphenyl Segments. <i>Journal of Electronic Materials</i> , <b>2011</b> , 40, 2166-2171	1-9	6
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57	Chemically bonded iron carbonyl for magnetic composites based on phthalonitrile polymers. <i>Polymer International</i> , <b>2011</b> , 60, 414-421	3-3	25
56	Viscoelasticity and thermal stability of poly(arylene ether nitrile) nanocomposites with various functionalized carbon nanotubes. <i>Polymer International</i> , <b>2011</b> , 60, n/a-n/a	3-3	2
55	Preparation and thermal properties of novel phthalonitrile oligomer containing biphenyl ethernitrile/bisphthalonitrile blends. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 119, 882-887	2-9	39
54	The influence of cross-linking reaction on the mechanical and thermal properties of polyarylene ether nitrile. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 120, 1822-1828	2-9	25



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41	The Preparation and Properties of PEN/MWNT Nanocomposites. <i>Journal of Composite Materials</i> , <b>2010</b> , 44, 2453-2460	2.7	6
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39	Preparation and characterization of iron phthalocyanine polymer magnetic materials. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2010</b> , 21, 708-712	2.1	22
38	The preparation, mechanical and dielectric properties of PEN/HBCuPc hybrid films. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2010</b> , 21, 1244-1248	2.1	27
37	Hierarchically nanostructured Fe <sub>3</sub> O <sub>4</sub> microspheres and their novel microwave electromagnetic properties. <i>Materials Letters</i> , <b>2010</b> , 64, 457-459	3.3	73
36	Synthesis and curing behavior of a novel benzoxazine-based bisphthalonitrile monomer. <i>Journal of Applied Polymer Science</i> , <b>2010</b> , 117, NA-NA	2.9	2

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23	Thermal behavior of copper powder prepared by hydrothermal treatment. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2007</b> , 18, 817-821	2.1	12
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20	Kinetics of thermo-oxidative and thermal degradation of poly(D,L-lactide) (PDLLA) at processing temperature. <i>Polymer Degradation and Stability</i> , <b>2006</b> , 91, 3259-3265	4.7	86
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