

Kun Jia

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.

134
papers

1,804
citations

22
h-index

33
g-index

138
ext. papers

2,140
ext. citations

4.2
avg, IF

5.19
L-index

#	Paper	IF	Citations
134	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	5.2	1
133	Reactive polymeric ligand mediated one-pot synthesis of hybrid magnetite nanospheres for enhanced electromagnetic absorption. <i>Polymer</i> , 2022 , 240, 124497	3.9	1
132	Interfacial crosslinking enabled super-engineering polymer-based composites with ultra-stable dielectric properties beyond 350 °C. <i>Journal of Alloys and Compounds</i> , 2022 , 891, 161952	5.7	0
131	One-step fabrication of dual functional Tb coordinated polymeric micro/nano-structures for Cr(VI) adsorption and detection. <i>Journal of Hazardous Materials</i> , 2022 , 423, 127166	12.8	11
130	Robust polymeric scaffold from 3D soft confinement self-assembly of polycondensation aromatic polymer. <i>European Polymer Journal</i> , 2021 , 161, 110815	5.2	0
129	Structure-property and bioimaging application of the difunctional polyarylene ether nitrile with AIEE feature and carboxyl group. <i>Polymer</i> , 2021 , 217, 123459	3.9	3
128	Fluorinated Oligomer Wrapped Perovskite Crystals for Inverted MAPbI Solar Cells with 21% Efficiency and Enhanced Stability. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 26093-26101	9.5	3
127	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	8.5	9
126	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	10	19
125	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	9.6	28
124	Quantum dots encoded white-emitting polymeric superparticles for simultaneous detection of multiple heavy metal ions. <i>Journal of Hazardous Materials</i> , 2021 , 405, 124263	12.8	23
123	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	3.9	6
122	Emulsion confinement self-assembly regulated lanthanide coordinating polymeric microparticles for multicolor fluorescent nanofibers. <i>Polymer</i> , 2021 , 230, 124043	3.9	16
121	Recent progress on the poly(arylene ether)s-based electrospun nanofibers for high-performance applications. <i>Materials Research Express</i> , 2021 , 8, 122003	1.7	2
120	Progress of liquid crystal polyester (LCP) for 5G application. <i>Advanced Industrial and Engineering Polymer Research</i> , 2020 , 3, 160-174	7.3	4
119	Recent progress of graphene oxide as a potential vaccine carrier and adjuvant. <i>Acta Biomaterialia</i> , 2020 , 112, 14-28	10.8	31
118	Synthesis and self-assembly of polyethersulfone-based amphiphilic block copolymers as microparticles for suspension immunosensors. <i>Polymer Chemistry</i> , 2020 , 11, 1496-1503	4.9	8

117	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	14.7	40
116	Emulsion solvent evaporation induced self-assembly of polyarylene ether nitrile block copolymers into functional metal coordination polymeric microspheres. <i>Polymer</i> , 2020 , 186, 122024	3.9	14
115	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	7.1	11
114	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	10	9
113	Scalable Fabrication of Metallopolymeric Superstructures for Highly Efficient Removal of Methylene Blue. <i>Nanomaterials</i> , 2019 , 9,	5.4	6
112	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,	4.5	1
111	Assembly of carboxylated zinc phthalocyanine with gold nanoparticle for colorimetric detection of calcium ion. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 8380-8389	2.1	7
110	Immobilization of Ag nanowire into zinc phthalocyanine doped copolyester elastomer for optoelectric flexible strain sensor. <i>Chemical Physics Letters</i> , 2018 , 693, 55-59	2.5	6
109	Sulfonated poly(arylene ether nitrile)s containing cross-linkable nitrile groups for proton exchange membranes. <i>Solid State Ionics</i> , 2018 , 316, 110-117	3.3	12
108	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	4.4	12
107	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	3.3	3
106	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> , 2018 , 53, 492-505	4.3	4
105	Dual-Mode Fluorescence and Magnetic Resonance Imaging Nanoprobe Based on Aromatic Amphiphilic Copolymer Encapsulated CdSe@CdS and FeO ₂ . <i>ACS Applied Bio Materials</i> , 2018 , 1, 520-528	4.1	18
104	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	8.5	37
103	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	0.3	
102	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	2.7	2
101	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	2.5	8
100	Mechanical, dielectric, and rheological properties of poly(arylene ether nitrile)/reinforced poly(vinylidene fluoride). <i>High Performance Polymers</i> , 2017 , 29, 178-186	1.6	9

99	Crystallized polyarylene ether nitrile blends with improved thermal, mechanical, dielectric properties, and processability. <i>Polymer Composites</i> , 2017 , 38, 126-131	3	4
98	Copolymerizing behavior and processability of allyl-functional bisphthalonitrile/bismaleimide system. <i>Polymer Composites</i> , 2017 , 38, 1591-1599	3	6
97	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	4.3	12
96	Novel cross-linked membrane for direct methanol fuel cell application: sulfonated poly(ether ether nitrile)s. <i>Ionics</i> , 2017 , 23, 87-94	2.7	6
95	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	2.5	4
94	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 ^{7.1}	7.1	11
93	Cross-linked sulfonated poly(arylene ether nitrile)s with high selectivity for proton exchange membranes. <i>Solid State Ionics</i> , 2017 , 303, 126-131	3.3	18
92	Designing a low-temperature curable phenolic/benzoxazine-functionalized phthalonitrile copolymers for high performance composite laminates. <i>Journal of Polymer Research</i> , 2017 , 24, 1	2.7	11
91	Synthesis and characterization of semi-crystalline polyarylene ether nitrile with AIEE feature. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 274, 012090	0.4	
90	Ca Induced Crosslinking of AIE-Active Polyarylene Ether Nitrile into Fluorescent Polymeric Nanoparticles for Cellular Bioimaging. <i>Macromolecular Rapid Communications</i> , 2017 , 38, 1700360	4.8	17
89	Scalable creation of gold nanostructures on high performance engineering polymeric substrate. <i>Applied Surface Science</i> , 2017 , 426, 579-586	6.7	4
88	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	2.1	1
87	Sulfonated copoly(arylene ether nitriles) as proton exchange membrane with excellent mechanical and thermal properties. <i>High Performance Polymers</i> , 2016 , 28, 633-640	1.6	4
86	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	8.5	27
85	Curing behaviors and performance of a carboxyl-terminated butadiene acrylonitrile rubber/bisphthalonitrile resin system. <i>High Performance Polymers</i> , 2016 , 28, 581-590	1.6	10
84	Synthesis and properties of cross-linkable poly(arylene ether nitrile)s containing side propenyl groups. <i>High Performance Polymers</i> , 2016 , 28, 562-569	1.6	13
83	Sandwich-Like Graphene/Bullerene Composites with Enhanced Electromagnetic Wave Absorption. <i>Journal of Electronic Materials</i> , 2016 , 45, 5921-5927	1.9	6
82	Effect of auxiliary electron-donating group on the microscopic nonlinear optical properties of vinyl and azobenzene based chromophores. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 7174-7182	2.1	5

81	Effect of elevated annealing temperature on electrical conductivity and magnetic properties of iron phthalocyanine polymer. <i>Journal of Polymer Research</i> , 2016 , 23, 1	2.7	3
80	Self-cured phthalonitrile resin via multistage polymerization mediated by allyl and benzoxazine functional groups. <i>High Performance Polymers</i> , 2016 , 28, 1161-1171	1.6	15
79	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> , 2016 , 230, 337-344	8.5	33
78	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	6.7	24
77	Enhanced microscopic nonlinear optical properties of novel Y-type chromophores with dual electron donor groups. <i>Chemical Physics Letters</i> , 2016 , 648, 114-118	2.5	8
76	Curing behaviors and properties of allyl- and benzoxazine-functional phthalonitrile with improved processability. <i>Journal of Polymer Research</i> , 2016 , 23, 1	2.7	11
75	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	4.3	15
74	Influence of Fe ₃ O ₄ /Fe-phthalocyanine decorated graphene oxide on the microwave absorbing performance. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 399, 81-87	2.8	14
73	Copolymerization of self-catalyzed phthalonitrile with bismaleimide toward high-temperature-resistant polymers with improved processability. <i>High Performance Polymers</i> , 2016 , 28, 895-907	1.6	17
72	Measurement of Bacterial Bioluminescence Intensity and Spectrum: Current Physical Techniques and Principles. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2016 , 154, 19-45	1.7	3
71	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	3	2
70	Curing behavior and processability of BMI/3-APN system for advanced glass fiber composite laminates. <i>Journal of Applied Polymer Science</i> , 2016 , 133,	2.9	10
69	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	3	4
68	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	2.3	9
67	Crosslinked polyarylene ether nitrile film as flexible dielectric materials with ultrahigh thermal stability. <i>Scientific Reports</i> , 2016 , 6, 36434	4.9	40
66	Controlled synthesis of silver nanostructures stabilized by fluorescent polyarylene ether nitrile. <i>Applied Surface Science</i> , 2016 , 377, 180-183	6.7	13
65	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	3.6	5
64	Chain conformation dependent fluorescence of blue-emitting poly(arylene ether nitrile). <i>Journal of Luminescence</i> , 2016 , 179, 622-628	3.8	12

63	Incorporation of polyethylene glycol into polyethylene terephthalate towards blue emitting co-polyester. <i>Materials Letters</i> , 2016 , 182, 367-371	3.3	9
62	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	9.3	12
61	Dendritic copper phthalocyanine with aggregation induced blue emission and solid-state fluorescence. <i>Chemical Physics Letters</i> , 2016 , 660, 143-148	2.5	6
60	Effective thermal conductivity and thermal properties of phthalonitrile-terminated poly(arylene ether nitriles) composites with hybrid functionalized alumina. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	10
59	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	2.7	9
58	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	2.1	38
57	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> , 2015 , 26, 8922-8932	2.1	5
56	Novel polyarylene ether nitrile nanofibrous mats with fluorescence and controllable surface morphology. <i>Materials Letters</i> , 2015 , 156, 32-35	3.3	5
55	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	3.3	14
54	One-pot synthesis of Au/Ag bimetallic nanoparticles to modulate the emission of CdSe/CdS quantum dots. <i>RSC Advances</i> , 2015 , 5, 58163-58170	3.7	6
53	One step grafting of iron phthalocyanine containing flexible chains on Fe ₃ O ₄ nanoparticles towards high performance polymer magnetic composites. <i>Journal of Magnetism and Magnetic Materials</i> , 2015 , 385, 368-376	2.8	13
52	Preparation of TiO ₂ /MWCNT core/shell heterostructures containing a single MWCNT and their electromagnetic properties. <i>Composite Interfaces</i> , 2015 , 22, 343-351	2.3	2
51	Aminophenoxypthalonitrile 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	2.1	12
50	High Dielectric Constants of Composites of Fiber-Like Copper Phthalocyanine-Coated Graphene Oxide Embedded in Poly(arylene Ether Nitriles). <i>Journal of Electronic Materials</i> , 2015 , 44, 2378-2386	1.9	7
49	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	7.1	61
48	Enhanced crystallinity, mechanical and dielectric properties of biphenyl polyarylene ether nitriles by unidirectional hot-stretching. <i>Journal of Polymer Research</i> , 2015 , 22, 1	2.7	21
47	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	2.7	8
46	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	6.7	26

45	Titanium Dioxide/Multi-Walled Carbon Nanotube Heterostructure Containing Single One Carbon Nanotube and Its Electromagnetic Properties. <i>Nano</i> , 2015 , 10, 1550102	1.1	4
44	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	3.7	10
43	Influence of hyperbranched copper phthalocyanine grafted carbon nanotubes on the dielectric and rheological properties of polyarylene ether nitriles. <i>RSC Advances</i> , 2015 , 5, 72028-72036	3.7	18
42	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	2.1	9
41	Electrospun fluorescent polyarylene ether nitrile nanofibrous mats and application as an adsorbent for Cu ²⁺ removal. <i>Fibers and Polymers</i> , 2015 , 16, 2215-2222	2	7
40	Rheology, morphology, and properties of polyarylene ether nitrile blends. <i>High Performance Polymers</i> , 2015 , 27, 1016-1023	1.6	2
39	Phthalonitrile end-capped polyarylene ether nitrile: crystals embedded in matrix through crosslinking reaction. <i>Polymer International</i> , 2015 , 64, 1361-1365	3.3	8
38	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	3.2	1
37	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	3.7	8
36	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	2.7	9
35	Sulfonated carbon nanotubes synergistically enhanced the proton conductivity of sulfonated polyarylene ether nitriles. <i>RSC Advances</i> , 2015 , 5, 34372-34376	3.7	12
34	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	8.5	11
33	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	2.8	4
32	Influence of carbon-based nanomaterials on lux-bioreporter Escherichia coli. <i>Talanta</i> , 2014 , 126, 208-13	6.2	8
31	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	2.7	1
30	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	2.1	13
29	Size dependent electromagnetic properties of Fe ₃ O ₄ nanospheres. <i>Chemical Physics Letters</i> , 2014 , 614, 31-35	2.5	18
28	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	3.7	15

27	Novel Fe ₃ O ₄ /phthalonitrile alkyl-containing hybrid microspheres and their microwave absorption application in phthalonitrile composites. <i>Journal of Magnetism and Magnetic Materials</i> , 2014 , 371, 20-28	2.8	7
26	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, 219-275	2.5	61
25	Effect of CuPc@MWCNTs on rheological, thermal, mechanical and dielectric properties of polyarylene ether nitriles (PEN) terminated with phthalonitriles. <i>Journal of Polymer Research</i> , 2014 , 21, 1	2.7	8
24	Novel phthalonitrile-terminated polyarylene ether nitrile with high glass transition temperature and enhanced thermal stability. <i>Materials Letters</i> , 2014 , 128, 267-270	3.3	45
23	Design of flexible copper clad laminate with outstanding adhesion strength induced by chemical bonding. <i>Journal of Materials Science: Materials in Electronics</i> , 2014 , 25, 5446-5451	2.1	4
22	Synthesis, polymerization, and properties of the allyl-functional phthalonitrile. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	22
21	Preparation and characterization of poly (arylene ether nitrile)/copper phthalocyanine composites via sintering treatment. <i>Journal of Materials Science: Materials in Electronics</i> , 2014 , 25, 5505-5511	2.1	3
20	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	2.1	4
19	Fabrication and electromagnetic properties of flowerbud-like CNT-CuPc/Fe ₃ O ₄ . <i>Journal of Alloys and Compounds</i> , 2014 , 617, 751-755	5.7	7
18	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	8.5	17
17	Bioluminescence enhancement through an added washing protocol enabling a greater sensitivity to carbofuran toxicity. <i>Ecotoxicology and Environmental Safety</i> , 2013 , 96, 61-6	7	10
16	A facile and cost-effective TEM grid approach to design gold nano-structured substrates for high throughput plasmonic sensitive detection of biomolecules. <i>Analyst, The</i> , 2013 , 138, 1015-9	5	11
15	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	2.4	36
14	Sensitive localized surface plasmon resonance multiplexing protocols. <i>Analytical Chemistry</i> , 2012 , 84, 8020-7	7.8	34
13	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, 221-6	7	31
12	Fabrication of an atrazine acoustic immunosensor based on a drop-deposition procedure. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2012 , 59, 2015-21	3.2	5
11	Chemically bonded iron carbonyl for magnetic composites based on phthalonitrile polymers. <i>Polymer International</i> , 2011 , 60, 414-421	3.3	25
10	Solid-state pyrolysis of iron phthalocyanine polymer into iron nanowire inside carbon nanotube and their novel electromagnetic properties. <i>Journal of Materials Research</i> , 2011 , 26, 2369-2372	2.5	5

9	The Preparation and Properties of PEN/MWNT Nanocomposites. <i>Journal of Composite Materials</i> , 2010 , 44, 2453-2460	2.7	6
8	Preparation and properties of hybrid magnetic materials based on phthalocyanine polymer. <i>Journal of Materials Science: Materials in Electronics</i> , 2010 , 21, 1125-1131	2.1	9
7	Preparation and characterization of iron phthalocyanine polymer magnetic materials. <i>Journal of Materials Science: Materials in Electronics</i> , 2010 , 21, 708-712	2.1	22
6	Hierarchically nanostructured Fe ₃ O ₄ microspheres and their novel microwave electromagnetic properties. <i>Materials Letters</i> , 2010 , 64, 457-459	3.3	73
5	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	2.8	122
4	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	8.1	31
3	Silver nanoparticles enhanced crystallization of polyethylene terephthalate-co-polyethylene glycol (PET-PEG) thermoplastic elastomer. <i>Polymer Bulletin</i> , 1	2.4	2
2	A Solvent Regulated Hydrogen Bond Crosslinking Strategy to Prepare Robust Hydrogel Paint for Oil/Water Separation. <i>Advanced Functional Materials</i> , 2104701	15.6	21
1	Emulsion Confinement Self-Assembly Induced Localization of Ag NPs in Janus Polymeric Superparticles. <i>Materials Science Forum</i> , 1061, 51-56	0.4	