

Mingqing Chen

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172
ext. papers

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ext. citations

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L-index

#	Paper	IF	Citations
167	A Novel UV-Shielding and Transparent Polymer Film: When Bioinspired Dopamine-Melanin Hollow Nanoparticles Join Polymers. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 36281-36289	9.5	134
166	Atomic-Scale Core/Shell Structure Engineering Induces Precise Tensile Strain to Boost Hydrogen Evolution Catalysis. <i>Advanced Materials</i> , 2018 , 30, e1707301	24	115
165	Simultaneous Enhancements of UV-Shielding Properties and Photostability of Poly(vinyl alcohol) via Incorporation of Sepia Eumelanin. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 2252-2258	8.3	99
164	Design of Supertoughened and Heat-Resistant PLLA/Elastomer Blends by Controlling the Distribution of Stereocomplex Crystallites and the Morphology. <i>Macromolecules</i> , 2019 , 52, 1092-1103	5.5	91
163	Free-standing PEDOT/polyaniline conductive polymer hydrogel for flexible solid-state supercapacitors. <i>Electrochimica Acta</i> , 2019 , 322, 134769	6.7	78
162	The crystallization behavior of poly(lactic acid) with different types of nucleating agents. <i>International Journal of Biological Macromolecules</i> , 2018 , 106, 955-962	7.9	62
161	Superior Performance of Polyurethane Based on Natural Melanin Nanoparticles. <i>Biomacromolecules</i> , 2016 , 17, 3782-3789	6.9	62
160	Efficient Toughening of EpoxyAnhydride Thermosets with a Biobased Tannic Acid Derivative. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 596-603	8.3	60
159	Superior Performance of Artificial Nacre Based on Graphene Oxide Nanosheets. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 4215-4222	9.5	59
158	Artificial Nacre from Supramolecular Assembly of Graphene Oxide. <i>ACS Nano</i> , 2018 , 12, 6228-6235	16.7	57
157	Rapid Crystallization of Poly(lactic acid) by Using Tailor-Made Oxalamide Derivatives as Novel Soluble-Type Nucleating Agents. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 12888-12892	3.9	57
156	Highly thermal conductive and electrically insulating polymer composites based on polydopamine-coated copper nanowire. <i>Composites Science and Technology</i> , 2018 , 164, 153-159	8.6	54
155	Rapid Stereocomplexation between Enantiomeric Comb-Shaped Cellulose-g-poly(L-lactide) Nanohybrids and Poly(D-lactide) from the Melt. <i>Biomacromolecules</i> , 2015 , 16, 3723-9	6.9	51
154	Biobased Poly(lactide)/ethylene-co-vinyl Acetate Thermoplastic Vulcanizates: Morphology Evolution, Superior Properties, and Partial Degradability. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 2211-2219	8.3	49
153	Fabrication of Biobased Polyelectrolyte Capsules and Their Application for Glucose-Triggered Insulin Delivery. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 13688-97	9.5	48
152	Preparation of polyvinyl alcohol/chitosan hydrogel compounded with graphene oxide to enhance the adsorption properties for Cu(II) in aqueous solution. <i>Journal of Polymer Research</i> , 2015 , 22, 1	2.7	47
151	Hierarchical nanostructured Fe ₂ O ₃ /polyaniline anodes for high performance supercapacitors. <i>Electrochimica Acta</i> , 2018 , 269, 21-29	6.7	46

150	Effects of Melanin on Optical Behavior of Polymer: From Natural Pigment to Materials Applications. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 13100-13106	9.5	46
149	Enhanced thermal stability of poly(vinyl alcohol) in presence of melanin. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014 , 115, 1661-1668	4.1	44
148	One-Pot Preparation of Autonomously Self-Healable Elastomeric Hydrogel from Boric Acid and Random Copolymer Bearing Hydroxyl Groups. <i>ACS Macro Letters</i> , 2017 , 6, 1129-1133	6.6	43
147	Strong nanocomposite reinforcement effects in poly(vinyl alcohol) with melanin nanoparticles. <i>RSC Advances</i> , 2015 , 5, 72691-72698	3.7	43
146	Fabrication of thermally conductive and electrically insulating polymer composites with isotropic thermal conductivity by constructing a three-dimensional interconnected network. <i>Nanoscale</i> , 2019 , 11, 11360-11368	7.7	42
145	Crystallization modification of poly(lactide) by using nucleating agents and stereocomplexation. <i>E-Polymers</i> , 2016 , 16, 1-13	2.7	39
144	Silver nanoparticle decorated polyaniline/multiwalled super-short carbon nanotube nanocomposites for supercapacitor applications. <i>RSC Advances</i> , 2016 , 6, 65012-65019	3.7	39
143	Bio-based poly(lactide)/ethylene-co-vinyl acetate thermoplastic vulcanizates by dynamic crosslinking: structure vs. property. <i>RSC Advances</i> , 2015 , 5, 15962-15968	3.7	38
142	Multi-functional polydopamine coating: simultaneous enhancement of interfacial adhesion and CO ₂ separation performance of mixed matrix membranes. <i>New Journal of Chemistry</i> , 2016 , 40, 9148-9159	3.6	38
141	Near-infrared light-driven locomotion of a liquid crystal polymer trilayer actuator. <i>Materials Chemistry Frontiers</i> , 2018 , 2, 1383-1388	7.8	38
140	A CO ₂ -responsive graphene oxide/polymer composite nanofiltration membrane for water purification. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 6785-6791	13	37
139	Porphyrin Derivative Conjugated with Gold Nanoparticles for Dual-Modality Photodynamic and Photothermal Therapies In Vitro. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 963-972	5.5	36
138	Highly exposed surface area of {001} facets dominated BiOBr nanosheets with enhanced visible light photocatalytic activity. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 6113-21	3.6	36
137	Reactive compatibilization of biodegradable poly(butylene succinate)/Spirulina microalgae composites. <i>Macromolecular Research</i> , 2017 , 25, 165-171	1.9	35
136	Cross-linked micelles of graftlike block copolymer bearing biodegradable ϵ -caprolactone branches: a novel delivery carrier for paclitaxel. <i>Journal of Materials Chemistry</i> , 2012 , 22, 373-380		35
135	pH-dependent and self-healing properties of mussel modified poly(vinyl alcohol) hydrogels in a metal-free environment. <i>RSC Advances</i> , 2015 , 5, 82252-82258	3.7	33
134	Injectable and Near-Infrared-Responsive Hydrogels Encapsulating Dopamine-Stabilized Gold Nanorods with Long Photothermal Activity Controlled for Tumor Therapy. <i>Biomacromolecules</i> , 2019 , 20, 3375-3384	6.9	32
133	A Bio-Based Flame-Retardant Starch Based On Phytic Acid. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 10265-10274	8.3	31

- 132 Influence of phthalic anhydride and bioxazoline on the mechanical and morphological properties of biodegradable poly(lactic acid)/poly[(butylene adipate)-co-terephthalate] blends. *Polymer International*, **2013**, 62, 1783-1790 3.3 29
- 131 Enhanced Thermal Stability and UV-Shielding Properties of Poly(vinyl alcohol) Based on Esculetin. *Journal of Physical Chemistry B*, **2017**, 121, 1148-1157 3.4 27
- 130 Tannic Acid as a Bio-Based Modifier of Epoxy/Anhydride Thermosets. *Polymers*, **2016**, 8, 4.5 27
- 129 Graft polymerization of styrene on soy protein isolate. *Journal of Applied Polymer Science*, **2005**, 98, 1457-1461 2.5 25
- 128 Green synthesis of silver nanoparticles embedded in polyaniline nanofibers via vitamin C for supercapacitor applications. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 7769-7777 2.1 24
- 127 Free-standing molecularly imprinted photonic hydrogels based on β -cyclodextrin for the visual detection of L-tryptophan. *Analytical Methods*, **2015**, 7, 8352-8359 3.2 24
- 126 The preparation of inorganic/organic hybrid nanomaterials containing silsesquioxane and its reinforcement for an epoxy resin network. *Colloid and Polymer Science*, **2010**, 288, 469-477 2.4 24
- 125 Understanding the Role of Nanoscale Heterointerfaces in Core/Shell Structures for Water Splitting: Covalent Bonding Interaction Boosts the Activity of Binary Transition-Metal Sulfides. *ACS Applied Materials & Interfaces*, **2020**, 12, 6250-6261 9.5 23
- 124 Interfacial modification on polyhydroxyalkanoates/starch blend by grafting in-situ. *Carbohydrate Polymers*, **2017**, 174, 716-722 10.3 22
- 123 Biodegradable bio-based polyesters with controllable photo-crosslinkability, thermal and hydrolytic stability. *Journal of Polymer Research*, **2011**, 18, 1239-1247 2.7 22
- 122 Cellulose-g-poly(d-lactide) nanohybrids induced significant low melt viscosity and fast crystallization of fully bio-based nanocomposites. *Carbohydrate Polymers*, **2017**, 155, 498-506 10.3 20
- 121 Self-Standing Hydrogels Composed of Conducting Polymers for All-Hydrogel-State Supercapacitors. *Chemistry - A European Journal*, **2020**, 26, 1846-1855 4.8 20
- 120 Enhanced crystallization kinetics of poly(lactide) with oxalamide compounds as nucleators: effect of spacer length between the oxalamide moieties. *RSC Advances*, **2016**, 6, 48365-48374 3.7 20
- 119 Photothermal-Responsive Graphene Oxide Membrane with Smart Gates for Water Purification. *ACS Applied Materials & Interfaces*, **2019**, 11, 44886-44893 9.5 19
- 118 Preparation of glucose responsive polyelectrolyte capsules with shell crosslinking via the layer-by-layer technique and sustained release of insulin. *Polymer Chemistry*, **2016**, 7, 6779-6788 4.9 18
- 117 Preparation and properties of thermoplastic poly(caprolactone) composites containing high amount of esterified starch without plasticizer. *Carbohydrate Polymers*, **2016**, 139, 28-34 10.3 18
- 116 Fabrication of polydopamine nanoparticles knotted alginate scaffolds and their properties. *Journal of Biomedical Materials Research - Part A*, **2018**, 106, 3255-3266 5.4 18
- 115 Modification of graphene oxide by a facile coprecipitation method and click chemistry for use as a drug carrier. *RSC Advances*, **2014**, 4, 28807-28813 3.7 17

114	Nanocomposite hydrogel consisting of Na-montmorillonite with enhanced mechanical properties. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2015 , 53, 1020-1026	2.6	16
113	Multiwalled carbon nanotubes noncovalently functionalized by electro-active amphiphilic copolymer micelles for selective dopamine detection. <i>RSC Advances</i> , 2015 , 5, 18233-18241	3.7	15
112	Graft copolymerization of soybean protein isolate and methacrylic acid. <i>Journal of Applied Polymer Science</i> , 2006 , 102, 4023-4029	2.9	15
111	Fabrication of ferric chloride doped polyaniline/multilayer super-short carbon nanotube nanocomposites for supercapacitor applications. <i>Journal of Solid State Electrochemistry</i> , 2016 , 20, 2805-2816	2.6	15
110	Polydopamine-functionalized graphene oxide compounded with polyvinyl alcohol/chitosan hydrogels on the recyclable adsorption of Cu(II), Pb(II) and Cd(II) from aqueous solution. <i>Journal of Polymer Research</i> , 2019 , 26, 1	2.7	15
109	Core-shell Starch Nanoparticles and Their Toughening of Polylactide. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 13048-13054	3.9	15
108	Preparation and properties of dopamine-modified alginate/chitosan-hydroxyapatite scaffolds with gradient structure for bone tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2019 , 107, 1615-1627	5.4	14
107	Effects of surfactant and ionic concentration on properties of dual physical crosslinking self-healing hydrogels by hydrophobic association and ionic interactions. <i>New Journal of Chemistry</i> , 2020 , 44, 4061-4070	2.6	14
106	Long-chain branching hydrogel with ultrahigh tensibility and high strength by grafting via photo-induced polymerization. <i>New Journal of Chemistry</i> , 2016 , 40, 8650-8657	3.6	14
105	Core-shell Starch Nanoparticles Improve the Mechanical and Thermal Properties of Poly(propylene carbonate). <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 13081-13088	8.3	14
104	Smart Design of Rapid Crystallizing and Nonleaching Antibacterial Poly(lactide) Nanocomposites by Sustainable Aminolysis Grafting and in Situ Interfacial Stereocomplexation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 13367-13377	8.3	14
103	Stereocomplexation kinetics of enantiomeric poly(L-lactide)/poly(D-lactide) blends seeded by nanocrystalline cellulose. <i>RSC Advances</i> , 2015 , 5, 71115-71119	3.7	13
102	Effects of modified nanocrystalline cellulose on the hydrophilicity, crystallization and mechanical behaviors of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate). <i>New Journal of Chemistry</i> , 2018 , 42, 11972-11978	3.6	13
101	Excellent UV Resistance of Polylactide by Interfacial Stereocomplexation with Double-Shell-Structured TiO Nanohybrids. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 49090-49100	5	13
100	Preparation and Application of Water-in-Oil Emulsions Stabilized by Modified Graphene Oxide. <i>Materials</i> , 2016 , 9,	3.5	13
99	Hierarchical structural double network hydrogel with high strength, toughness, and good recoverability. <i>New Journal of Chemistry</i> , 2017 , 41, 14397-14402	3.6	12
98	Supramolecular micellar drug delivery system based on multi-arm block copolymer for highly effective encapsulation and sustained-release chemotherapy. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 5677-5687	7.3	12
97	Crystallization behaviours of bacterially synthesized poly(hydroxyalkanoate)s in the presence of oxalamide compounds with different configurations. <i>International Journal of Biological Macromolecules</i> , 2017 , 104, 624-630	7.9	12

96	Antimicrobial Waterborne Polyurethanes Based on Quaternary Ammonium Compounds. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 458-463	3.9	12
95	Well-Defined High-Molecular-Weight Polyacrylonitrile Formation via Visible-Light-Induced Metal-Free Radical Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2017 , 218, 1700169	2.6	11
94	Super-Toughened Heat-Resistant Poly(lactic acid) Alloys By Tailoring the Phase Morphology and the Crystallization Behaviors. <i>Journal of Polymer Science</i> , 2020 , 58, 500-509	2.4	11
93	Graphene-assisted fabrication of poly(ϵ -caprolactone)-based nanocomposites with high mechanical properties and self-healing functionality. <i>New Journal of Chemistry</i> , 2018 , 42, 10348-10356	3.6	11
92	Preparation and Characterization of Fluorinated Hydrophobic UV-Crosslinkable Thiol-Ene Polyurethane Coatings. <i>Coatings</i> , 2017 , 7, 117	2.9	11
91	Studies on Preparation and Fluorescent Properties of a Novel Photo-Sensitive Nanoparticle Composed of Europium Ion and Cinnamic Acid Derivative. <i>Macromolecular Chemistry and Physics</i> , 2009 , 210, 2063-2069	2.6	11
90	Simultaneous detection and removal of metal ions based on a chemosensor composed of a rhodamine derivative and cyclodextrin-modified magnetic nanoparticles. <i>Journal of Materials Science</i> , 2015 , 50, 168-175	4.3	10
89	Enhanced CO ₂ separation performance of P(PEGMA-co-DEAEMA-co-MMA) copolymer membrane through the synergistic effect of EO groups and amino groups. <i>RSC Advances</i> , 2016 , 6, 59946-59955	3.7	10
88	Facile Synthesis of Hyperbranched Polymers by Sequential Polycondensation. <i>ACS Macro Letters</i> , 2018 , 7, 778-782	6.6	10
87	Superabsorbent poly(acrylamide-co-itaconic acid) hydrogel microspheres: Preparation, characterization and absorbency. <i>Polymer Science - Series A</i> , 2014 , 56, 275-282	1.2	10
86	Inverse opals of photonic crystal hydrogels for selective sensing of lead ions. <i>Analytical Methods</i> , 2017 , 9, 5791-5796	3.2	10
85	Hierarchical architecture of ultrashort carbon nanotubes/polyaniline nanocables coated on graphene sheets for advanced supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 15804-15818	2.1	10
84	Enhanced ammonia sensing characteristics of CeO ₂ -decorated SiO ₂ /PANI free-standing nanofibrous membranes. <i>Journal of Materials Science</i> , 2019 , 54, 2333-2342	4.3	10
83	Efficient CO ₂ capture by metallo-supramolecular polymers as fillers to fabricate a polymeric blend membrane. <i>RSC Advances</i> , 2015 , 5, 67658-67661	3.7	9
82	Fabrication of dopamine modified polylactide-poly(ethylene glycol) scaffolds with adjustable properties. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017 , 28, 2006-2020	3.5	9
81	Detection and Removal of Metal Ion based on a Fluorescent Sensor Composed of a Photoresponsive Rhodamine Derivative by Host-Guest Interaction. <i>Journal of the Chinese Chemical Society</i> , 2017 , 64, 986-992	1.5	9
80	Fabrication of rod-like nanocapsules based on polylactide and 3,4-dihydroxyphenylalanine for a drug delivery system. <i>RSC Advances</i> , 2015 , 5, 103414-103420	3.7	9
79	Artificial Nacre Epoxy Nanomaterials Based on Janus Graphene Oxide for Thermal Management Applications. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 44273-44280	9.5	9

78	Fabrication of PAM/PMAA inverse opal photonic crystal hydrogels by a Sandwich method and their pH and solvent responses. <i>RSC Advances</i> , 2016 , 6, 85885-85890	3.7	8
77	Photoprotective and multifunctional polymer film with excellent near-infrared and UV shielding properties. <i>Composites Communications</i> , 2020 , 22, 100443	6.7	8
76	High-performance poly(lactide) composites by construction of network-like shish-kebab crystals. <i>RSC Advances</i> , 2016 , 6, 71046-71051	3.7	8
75	Synthesis of Visible-Light-Driven g-C3N4/PPy/Ag Ternary Photocatalyst with Improved Photocatalytic Performance. <i>Chinese Journal of Chemistry</i> , 2017 , 35, 226-236	4.9	7
74	Design of polyurethane acrylic antimicrobial films via one-step UV curing. <i>New Journal of Chemistry</i> , 2017 , 41, 9762-9768	3.6	7
73	Synthesis of double-hydrophilic poly(methylacrylic acid)-poly(ethylene glycol)-poly(methylacrylic acid) triblock copolymers and their micelle formation. <i>Polymer International</i> , 2011 , 60, 327-332	3.3	7
72	Hybrid double-network hydrogels with excellent mechanical properties. <i>New Journal of Chemistry</i> , 2020 , 44, 16569-16576	3.6	7
71	High-Performance Polylactic Acid Materials Enabled by TiO2/Polydopamine Hybrid Nanoparticles. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 3999-4008	3.9	7
70	Studies on Preparation of Poly(3,4-Dihydroxyphenylalanine)-Polylactide Copolymers and the Effect of the Structure of the Copolymers on Their Properties. <i>Polymers</i> , 2016 , 8,	4.5	7
69	Phenylboronic acid-functionalized unimolecular micelles based on a star polyphosphoester random copolymer for tumor-targeted drug delivery. <i>Polymer Chemistry</i> , 2020 , 11, 2252-2261	4.9	6
68	Preparation and characterization of innovative cellulose diacetate/epoxy resin blends modified by isophorone diamine. <i>Journal of Applied Polymer Science</i> , 2016 , 133,	2.9	6
67	Monofunctional compatibilizer with long alkyl end for fabrication of superior tensile wood flour-polyolefin composites. <i>Journal of Applied Polymer Science</i> , 2017 , 134,	2.9	6
66	Nanoparticle Fabrication with Biodegradable Block Copolymer Composed of Hydrophilic Poly(trimethylene carbonate) Derivative and Hydrophobic Polylactide. <i>Chemistry Letters</i> , 2013 , 42, 74-76 ¹⁻⁷	1.7	6
65	The compatibilization of poly (propylene carbonate)/poly (lactic acid) blends in presence of core-shell starch nanoparticles. <i>Carbohydrate Polymers</i> , 2021 , 254, 117321	10.3	6
64	The 2D/2D p-n heterojunction of ZnCoMOF/g-C3N4 with enhanced photocatalytic hydrogen evolution under visible light irradiation. <i>Applied Organometallic Chemistry</i> , 2021 , 35, e6124	3.1	6
63	Enhancing the mechanical and thermal properties of waterborne polyurethane composites with thermoset epoxy resin microspheres. <i>New Journal of Chemistry</i> , 2020 , 44, 9896-9902	3.6	5
62	One-pot synthesis of tetramethyl biphenyl backboned hyperbranched epoxy resin as an efficient toughening modifier for two epoxy curing systems. <i>Polymer Bulletin</i> , 2018 , 75, 4571-4586	2.4	5
61	Studies on photoreactive and biodegradable copolymers composed of poly(ϵ -caprolactone) and 4-hydroxycinnamic acid. <i>Polymer Journal</i> , 2012 , 44, 1123-1130	2.7	5

60	Superhydrophobic Composite Cotton Generated from Raspberry-like Nanoparticles and Their Applications in Oil/Water Separation. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 16305-16311	3.9	5
59	Hand-extended noodle inspired physical conjoined-network organohydrogels with anti-freezing, high stiffness and toughness properties. <i>Journal of Materials Science</i> , 2021 , 56, 8887-8899	4.3	5
58	Controllable Synthesis of Multiarm Star-Shaped Copolymers Composed of Phosphoester Chains and Their Application on Drug Delivery. <i>Macromolecular Bioscience</i> , 2017 , 17, 1600522	5.5	4
57	Room Temperature Ammonia Gas Sensor Based on Polyacrylonitrile/Silver@Polyaniline Nanofibers. <i>IEEE Sensors Journal</i> , 2019 , 19, 11021-11026	4	4
56	Co-deposition motif for constructing inverse opal photonic crystals with pH sensing. <i>RSC Advances</i> , 2015 , 5, 69263-69267	3.7	4
55	Design and fabrication of superparamagnetic hybrid microspheres for protein immobilization. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2011 , 26, 1084-1088	1	4
54	Effect of Tb(III) on the properties of P(NIPAM-co-St) copolymer microspheres. <i>Journal of Polymer Research</i> , 2008 , 15, 141-145	2.7	4
53	The Effect of Thermal History on the Fast Crystallization of Poly(L-Lactide) with Soluble-Type Nucleators and Shear Flow. <i>Polymers</i> , 2016 , 8,	4.5	4
52	Preferred zinc-modified melamine phytate for the flame retardant polylactide with limited smoke release. <i>New Journal of Chemistry</i> , 2021 , 45, 13329-13339	3.6	4
51	Tough and Antifreezing Organohydrogel Electrolyte for Flexible Supercapacitors with Wide Temperature Stability. <i>ACS Applied Energy Materials</i> , 2021 , 4, 9353-9361	6.1	4
50	Tuning the size and morphology of zeolitic imidazolate framework-8 in a membrane dispersion reactor. <i>New Journal of Chemistry</i> , 2015 , 39, 5890-5894	3.6	3
49	Fabrication of Uniform Nanocomposite by Anchoring Polyaniline Nanofibers on the Surface of Graphene Oxide for Supercapacitors. <i>Integrated Ferroelectrics</i> , 2015 , 161, 76-84	0.8	3
48	Studies on Synthesis, Characterization, and Functionalization of Poly(3,4-dihydroxy-L-phenylalanine). <i>Chemistry Letters</i> , 2014 , 43, 959-961	1.7	3
47	Synthesis and Properties of Degradable Copolymers Composed of Poly(ϵ -caprolactone) and 3,4-Dihydroxycinnamic Acid. <i>Chinese Journal of Chemistry</i> , 2012 , 30, 2445-2452	4.9	3
46	Effect of Degree of Branching on Properties of Photosensitive Nanoparticles as Drug-Delivery Carriers. <i>Macromolecular Chemistry and Physics</i> , 2012 , 213, 2157-2164	2.6	3
45	Direct Z-scheme CdS/NiPc heterojunctions as noble metal-free photocatalysts for enhanced photocatalytic hydrogen evolution. <i>Catalysis Science and Technology</i> ,	5.5	3
44	Bio-inspired mineral fluorescent hydrogels cross-linked by amorphous rare earth carbonates. <i>Chemical Communications</i> , 2020 , 56, 13646-13648	5.8	3
43	Oxygen Vacancy-Fe ₂ O ₃ @polyaniline Composites Directly Grown on Carbon Cloth as a High Stable Electrode for Symmetric Supercapacitors. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021 , 31, 3894-3903	3.2	3

42	Multiple Response Colors of Invisible Hollow Silica Photonic Crystals Patterns for Information Encoding. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2100814	4.6	3
41	High strength and toughness of double physically cross-linked hydrogels composed of polyvinyl alcohol and calcium alginate. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 49987	2.9	3
40	Interpenetrating Network Hydrogels based on Nanostructured Conductive Polymers for Flexible Supercapacitor. <i>Polymer Science - Series A</i> , 2018 , 60, 647-654	1.2	3
39	Poly(ether-b-amide)/Tween20 Gel Membranes for CO ₂ /N ₂ Separation. <i>Separation Science and Technology</i> , 2015 , 150527095459001	2.5	2
38	Synthesis and biocompatibility of phosphoryl polymer and relationship between biocompatibility and water structure. <i>Polymer Science - Series B</i> , 2012 , 54, 335-341	0.8	2
37	Multilayer super-short carbon nanotube/nickel hydroxide nanoflakes for enhanced supercapacitor properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 2325-2334	2.1	2
36	Gold-loaded polymeric micelles with temperature-modulated catalytic activity. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2015 , 30, 1092-1097	1	2
35	Synthesis and characterization of biodegradable polymers composed of 3,4-dihydroxycinnamic acid and poly(ethylene glycol). <i>Journal of Applied Polymer Science</i> , 2012 , 125, 1657-1662	2.9	2
34	Synthesis and Characterization of NiO/Mesoporous Silica Nanocomposite. <i>Integrated Ferroelectrics</i> , 2011 , 128, 135-141	0.8	2
33	Highly sensitive folic acid colorimetric sensor enabled by free-standing molecularly imprinted photonic hydrogels. <i>Polymer Bulletin</i> , 1	2.4	2
32	Near infrared-sensitive smart windows from Au nanorod-polymer hybrid photonic hydrogels. <i>New Journal of Chemistry</i> , 2021 , 45, 4016-4023	3.6	2
31	Bio-Based Hotmelt Adhesives with Well-Adhesion in Water. <i>Polymers</i> , 2021 , 13,	4.5	2
30	Thermoreversible rheological responses of biscarbamates and tricarbamates in uncured epoxy composite pastes caused by their self-assembly in an epoxy matrix. <i>Journal of Applied Polymer Science</i> , 2018 , 135, 46032	2.9	2
29	Fabricating a Repairable, Recyclable, Imine-based Dynamic Covalent Thermosetting Resin with Excellent Water Resistance by Introducing Dynamic Covalent Oxime Bonds. <i>ChemSusChem</i> , 2021 , 14, 4340-4348	8.3	2
28	Fe ₃ O ₄ Nanoparticle-Decorated Graphene Oxide Nanosheets for Magnetic Assembly of Artificial Nacre. <i>ACS Applied Nano Materials</i> , 2021 , 4, 9689-9696	5.6	2
27	Flexible core-shell Cs _x WO ₃ -based films with high UV/NIR filtration efficiency and stability. <i>Nanoscale Advances</i> , 2021 , 3, 3177-3183	5.1	2
26	One-step mild preparation of tough and thermo-reversible poly(vinyl alcohol) hydrogels induced by small molecules. <i>Chemical Communications</i> , 2021 , 57, 3789-3792	5.8	2
25	A novel biodegradable poly(propylene carbonate) with enhanced thermal and mechanical properties by incorporating tannic acid. <i>Polymers for Advanced Technologies</i> , 2022 , 33, 1341-1347	3.2	2

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