

# Mingqing Chen

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/4410429/mingqing-chen-publications-by-year.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

167  
papers

2,921  
citations

33  
h-index

46  
g-index

172  
ext. papers

3,622  
ext. citations

4.8  
avg, IF

5.56  
L-index

#	Paper	IF	Citations
167	TiDopamine Hybrid Nanoparticles with UV-Blocking and Durable Poly(butylene adipate-co-terephthalate) Materials. <i>ACS Applied Polymer Materials</i> , <b>2022</b> , 4, 1314-1322	4.3	0
166	Rigid polyurethane foams based on dextrin and glycerol. <i>Industrial Crops and Products</i> , <b>2022</b> , 177, 114479	3.9	1
165	Effects of dicumyl peroxide on cross-linking pure poly(butylene succinate) foaming materials for high expansion and high mechanical strength. <i>Polymers for Advanced Technologies</i> , <b>2022</b> , 33, 1706-1714	3.2	
164	A solvent-exchange strategy to develop stiff and tough hydrogel electrolytes for flexible and stable supercapacitor. <i>Journal of Power Sources</i> , <b>2022</b> , 532, 231326	8.9	1
163	Multilayer cross-linking polyetherimide/ Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXenes material with pores channel structure for electromagnetic interference shielding. <i>Journal of Applied Polymer Science</i> , <b>2022</b> , 139, 52075	2.9	1
162	A novel biodegradable poly(propylene carbonate) with enhanced thermal and mechanical properties by incorporating tannic acid. <i>Polymers for Advanced Technologies</i> , <b>2022</b> , 33, 1341-1347	3.2	2
161	High-Performance Polylactic Acid Materials Enabled by TiO <sub>2</sub> @Polydopamine Hybrid Nanoparticles. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2021</b> , 60, 3999-4008	3.9	7
160	A Better Understanding of How Polymer Composition Affects Sensing Performance of Molecularly Imprinted Photonic Polymer. <i>Polymer Science - Series B</i> , <b>2021</b> , 63, 142-151	0.8	
159	Oxygen Vacancy-Fe <sub>2</sub> O <sub>3</sub> @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> , <b>2021</b> , 31, 3894-3903	3.2	3
158	Multiple Response Colors of Invisible Hollow Silica Photonic Crystals Patterns for Information Encoding. <i>Advanced Materials Interfaces</i> , <b>2021</b> , 8, 2100814	4.6	3
157	High strength and toughness of double physically cross-linked hydrogels composed of polyvinyl alcohol and calcium alginate. <i>Journal of Applied Polymer Science</i> , <b>2021</b> , 138, 49987	2.9	3
156	The compatibilization of poly (propylene carbonate)/poly (lactic acid) blends in presence of core-shell starch nanoparticles. <i>Carbohydrate Polymers</i> , <b>2021</b> , 254, 117321	10.3	6
155	The 2D/2D pñ heterojunction of ZnCoMOF/g-C <sub>3</sub> N <sub>4</sub> with enhanced photocatalytic hydrogen evolution under visible light irradiation. <i>Applied Organometallic Chemistry</i> , <b>2021</b> , 35, e6124	3.1	6
154	Near infrared-sensitive smart windows from Au nanorodñpolymer hybrid photonic hydrogels. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 4016-4023	3.6	2
153	Optimizing the dynamic and thermodynamic properties of hybridization in DNA-mediated nanoparticle self-assembly. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 11774-11783	3.6	1
152	Preferred zinc-modified melamine phytate for the flame retardant polylactide with limited smoke release. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 13329-13339	3.6	4
151	Bio-Based Hotmelt Adhesives with Well-Adhesion in Water. <i>Polymers</i> , <b>2021</b> , 13,	4.5	2

150	Hand-extended noodle inspired physical conjoined-network organohydrogels with anti-freezing, high stiffness and toughness properties. <i>Journal of Materials Science</i> , <b>2021</b> , 56, 8887-8899	4.3	5
149	Enhanced crystallization and storage stability of mechanical properties of biosynthesized poly (3-hydroxybutyrate-co-3-hydroxyhexanate) induced by self-nucleation. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 184, 797-803	7.9	1
148	Tough and Antifreezing Organohydrogel Electrolyte for Flexible Supercapacitors with Wide Temperature Stability. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 9353-9361	6.1	4
147	Fabricating a Repairable, Recyclable, Imine-based Dynamic Covalent Thermosetting Resin with Excellent Water Resistance by Introducing Dynamic Covalent Oxime Bonds. <i>ChemSusChem</i> , <b>2021</b> , 14, 4340-4348	8.3	2
146	Wood-Derived Composites with High Performance for Thermal Management Applications. <i>Biomacromolecules</i> , <b>2021</b> , 22, 4228-4236	6.9	0
145	Skin bioinspired anti-ultraviolet melanin/TiO <sub>2</sub> nanoparticles without penetration for efficient broad-spectrum sunscreen. <i>Colloid and Polymer Science</i> , <b>2021</b> , 299, 1797	2.4	0
144	Fe <sub>3</sub> O <sub>4</sub> Nanoparticle-Decorated Graphene Oxide Nanosheets for Magnetic Assembly of Artificial Nacre. <i>ACS Applied Nano Materials</i> , <b>2021</b> , 4, 9689-9696	5.6	2
143	Flexible core-shell CsxWO <sub>3</sub> -based films with high UV/NIR filtration efficiency and stability. <i>Nanoscale Advances</i> , <b>2021</b> , 3, 3177-3183	5.1	2
142	One-step mild preparation of tough and thermo-reversible poly(vinyl alcohol) hydrogels induced by small molecules. <i>Chemical Communications</i> , <b>2021</b> , 57, 3789-3792	5.8	2
141	A Bio-Based Flame-Retardant Starch Based On Phytic Acid. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 10265-10274	8.3	31
140	Enhancing the mechanical and thermal properties of waterborne polyurethane composites with thermoset epoxy resin microspheres. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 9896-9902	3.6	5
139	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> , <b>2020</b> , 44, 4061-4070	3.6	14
138	Phenylboronic acid-functionalized unimolecular micelles based on a star polyphosphoester random copolymer for tumor-targeted drug delivery. <i>Polymer Chemistry</i> , <b>2020</b> , 11, 2252-2261	4.9	6
137	Super-Toughened Heat-Resistant Poly(lactic acid) Alloys By Tailoring the Phase Morphology and the Crystallization Behaviors. <i>Journal of Polymer Science</i> , <b>2020</b> , 58, 500-509	2.4	11
136	Fabrication of LDPE/PS interpolymer resin particles through a swelling suspension polymerization approach. <i>E-Polymers</i> , <b>2020</b> , 20, 361-368	2.7	1
135	Photoprotective and multifunctional polymer film with excellent near-infrared and UV shielding properties. <i>Composites Communications</i> , <b>2020</b> , 22, 100443	6.7	8
134	Understanding the Role of Nanoscale Heterointerfaces in Core/Shell Structures for Water Splitting: Covalent Bonding Interaction Boosts the Activity of Binary Transition-Metal Sulfides. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 6250-6261	9.5	23
133	Antimicrobial Waterborne Polyurethanes Based on Quaternary Ammonium Compounds. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2020</b> , 59, 458-463	3.9	12

132	Self-Standing Hydrogels Composed of Conducting Polymers for All-Hydrogel-State Supercapacitors. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 1846-1855	4.8	20
131	Rheology-determined critical conditions for shear-induced crystallization of biosynthesized polyhydroxyalkanoates. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 147, 1301-1308	7.9	1
130	Bio-inspired mineral fluorescent hydrogels cross-linked by amorphous rare earth carbonates. <i>Chemical Communications</i> , <b>2020</b> , 56, 13646-13648	5.8	3
129	Excellent UV Resistance of Polylactide by Interfacial Stereocomplexation with Double-Shell-Structured TiO Nanohybrids. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 49090-49100	8.5	13
128	Artificial Nacre Epoxy Nanomaterials Based on Janus Graphene Oxide for Thermal Management Applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 44273-44280	9.5	9
127	Hybrid double-network hydrogels with excellent mechanical properties. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 16569-16576	3.6	7
126	Superhydrophobic Composite Cotton Generated from Raspberry-like Nanoparticles and Their Applications in Oil/Water Separation. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2020</b> , 59, 16305-16311	3.9	5
125	Room Temperature Ammonia Gas Sensor Based on Polyacrylonitrile/Silver@Polyaniline Nanofibers. <i>IEEE Sensors Journal</i> , <b>2019</b> , 19, 11021-11026	4	4
124	Free-standing PEDOT/polyaniline conductive polymer hydrogel for flexible solid-state supercapacitors. <i>Electrochimica Acta</i> , <b>2019</b> , 322, 134769	6.7	78
123	PPG-Terminated Tetra-Carbamates as the Toughening Additive for Bis-A Epoxy Resin. <i>Polymers</i> , <b>2019</b> , 11,	4.5	1
122	Design of Supertoughened and Heat-Resistant PLLA/Elastomer Blends by Controlling the Distribution of Stereocomplex Crystallites and the Morphology. <i>Macromolecules</i> , <b>2019</b> , 52, 1092-1103	5.5	91
121	Fabrication of thermally conductive and electrically insulating polymer composites with isotropic thermal conductivity by constructing a three-dimensional interconnected network. <i>Nanoscale</i> , <b>2019</b> , 11, 11360-11368	7.7	42
120	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> , <b>2019</b> , 107, 1615-1627	5.4	14
119	Injectable and Near-Infrared-Responsive Hydrogels Encapsulating Dopamine-Stabilized Gold Nanorods with Long Photothermal Activity Controlled for Tumor Therapy. <i>Biomacromolecules</i> , <b>2019</b> , 20, 3375-3384	6.9	32
118	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> , <b>2019</b> , 7, 5677-5687	7.3	12
117	Core/Shell Starch Nanoparticles Improve the Mechanical and Thermal Properties of Poly(propylene carbonate). <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 13081-13088	8.3	14
116	Photothermal-Responsive Graphene Oxide Membrane with Smart Gates for Water Purification. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 44886-44893	9.5	19
115	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> , <b>2019</b> , 26, 1	2.7	15

114	Enhanced ammonia sensing characteristics of CeO <sub>2</sub> -decorated SiO <sub>2</sub> /PANI free-standing nanofibrous membranes. <i>Journal of Materials Science</i> , <b>2019</b> , 54, 2333-2342	4.3	10
113	Porphyrin Derivative Conjugated with Gold Nanoparticles for Dual-Modality Photodynamic and Photothermal Therapies In Vitro. <i>ACS Biomaterials Science and Engineering</i> , <b>2018</b> , 4, 963-972	5.5	36
112	Hierarchical nanostructured Fe <sub>2</sub> O <sub>3</sub> /polyaniline anodes for high performance supercapacitors. <i>Electrochimica Acta</i> , <b>2018</b> , 269, 21-29	6.7	46
111	One-pot synthesis of tetramethyl biphenyl backboned hyperbranched epoxy resin as an efficient toughening modifier for two epoxy curing systems. <i>Polymer Bulletin</i> , <b>2018</b> , 75, 4571-4586	2.4	5
110	Thermal reversible rheology behaviors of bis-carbamates-containing uncured epoxy composite pastes. <i>Colloid and Polymer Science</i> , <b>2018</b> , 296, 895-906	2.4	
109	Effects of Melanin on Optical Behavior of Polymer: From Natural Pigment to Materials Applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 13100-13106	9.5	46
108	A CO <sub>2</sub> -responsive graphene oxide/polymer composite nanofiltration membrane for water purification. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 6785-6791	13	37
107	The crystallization behavior of poly(lactic acid) with different types of nucleating agents. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 106, 955-962	7.9	62
106	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> , <b>2018</b> , 42, 11972-11978	3.6	13
105	Graphene-assisted fabrication of poly( $\epsilon$ -caprolactone)-based nanocomposites with high mechanical properties and self-healing functionality. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 10348-10356	3.6	11
104	Atomic-Scale Core/Shell Structure Engineering Induces Precise Tensile Strain to Boost Hydrogen Evolution Catalysis. <i>Advanced Materials</i> , <b>2018</b> , 30, e1707301	24	115
103	Highly thermal conductive and electrically insulating polymer composites based on polydopamine-coated copper nanowire. <i>Composites Science and Technology</i> , <b>2018</b> , 164, 153-159	8.6	54
102	Structure and thermal behaviors of poly(vinyl alcohol)/surfactant composites: Investigation of molecular interaction and mechanism. <i>Polymers for Advanced Technologies</i> , <b>2018</b> , 29, 2224-2229	3.2	1
101	Artificial Nacre from Supramolecular Assembly of Graphene Oxide. <i>ACS Nano</i> , <b>2018</b> , 12, 6228-6235	16.7	57
100	Facile Synthesis of Hyperbranched Polymers by Sequential Polycondensation. <i>ACS Macro Letters</i> , <b>2018</b> , 7, 778-782	6.6	10
99	Thermoreversible rheological responses of bis-carbamates and tricarbamates in uncured epoxy composite pastes caused by their self-assembly in an epoxy matrix. <i>Journal of Applied Polymer Science</i> , <b>2018</b> , 135, 46032	2.9	2
98	Fabrication of polydopamine nanoparticles knotted alginate scaffolds and their properties. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2018</b> , 106, 3255-3266	5.4	18
97	Interpenetrating Network Hydrogels based on Nanostructured Conductive Polymers for Flexible Supercapacitor. <i>Polymer Science - Series A</i> , <b>2018</b> , 60, 647-654	1.2	3

96	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> , <b>2018</b> , 6, 13367-13377	8.3	14
95	Core/Shell Starch Nanoparticles and Their Toughening of Polylactide. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 13048-13054	3.9	15
94	Near-infrared light-driven locomotion of a liquid crystal polymer trilayer actuator. <i>Materials Chemistry Frontiers</i> , <b>2018</b> , 2, 1383-1388	7.8	38
93	Electrocatalytic Nanomaterials: Atomic-Scale Core/Shell Structure Engineering Induces Precise Tensile Strain to Boost Hydrogen Evolution Catalysis (Adv. Mater. 26/2018). <i>Advanced Materials</i> , <b>2018</b> , 30, 1870191	24	
92	Superior Performance of Artificial Nacre Based on Graphene Oxide Nanosheets. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 4215-4222	9.5	59
91	Enhanced Thermal Stability and UV-Shielding Properties of Poly(vinyl alcohol) Based on Esculetin. <i>Journal of Physical Chemistry B</i> , <b>2017</b> , 121, 1148-1157	3.4	27
90	Reactive compatibilization of biodegradable poly(butylene succinate)/Spirulina microalgae composites. <i>Macromolecular Research</i> , <b>2017</b> , 25, 165-171	1.9	35
89	Controllable Synthesis of Multiarm Star-Shaped Copolymers Composed of Phosphoester Chains and Their Application on Drug Delivery. <i>Macromolecular Bioscience</i> , <b>2017</b> , 17, 1600522	5.5	4
88	Preparation and Stability Evaluation of Size-Controllable PDHCA- $\beta$ CD Nanoparticles as Drug Carrier. <i>Chinese Journal of Chemistry</i> , <b>2017</b> , 35, 1125-1132	4.9	
87	Well-Defined High-Molecular-Weight Polyacrylonitrile Formation via Visible-Light-Induced Metal-Free Radical Polymerization. <i>Macromolecular Chemistry and Physics</i> , <b>2017</b> , 218, 1700169	2.6	11
86	Green synthesis of silver nanoparticles embedded in polyaniline nanofibers via vitamin C for supercapacitor applications. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 7769-7777	2.1	24
85	Synthesis of Visible-Light-Driven g-C <sub>3</sub> N <sub>4</sub> /PPy/Ag Ternary Photocatalyst with Improved Photocatalytic Performance. <i>Chinese Journal of Chemistry</i> , <b>2017</b> , 35, 226-236	4.9	7
84	A Novel UV-Shielding and Transparent Polymer Film: When Bioinspired Dopamine-Melanin Hollow Nanoparticles Join Polymers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 36281-36289	9.5	134
83	One-Pot Preparation of Autonomously Self-Healable Elastomeric Hydrogel from Boric Acid and Random Copolymer Bearing Hydroxyl Groups. <i>ACS Macro Letters</i> , <b>2017</b> , 6, 1129-1133	6.6	43
82	Hierarchical structural double network hydrogel with high strength, toughness, and good recoverability. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 14397-14402	3.6	12
81	Fabrication of dopamine modified polylactide-poly(ethylene glycol) scaffolds with adjustable properties. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2017</b> , 28, 2006-2020	3.5	9
80	Inverse opals of photonic crystal hydrogels for selective sensing of lead ions. <i>Analytical Methods</i> , <b>2017</b> , 9, 5791-5796	3.2	10
79	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> , <b>2017</b> , 64, 986-992	1.5	9



78	Hierarchical architecture of ultrashort carbon nanotubes/polyaniline nanocables coated on graphene sheets for advanced supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 15804-15818	2.1	10
77	Interfacial modification on polyhydroxyalkanoates/starch blend by grafting in-situ. <i>Carbohydrate Polymers</i> , <b>2017</b> , 174, 716-722	10.3	22
76	Crystallization behaviours of bacterially synthesized poly(hydroxyalkanoate)s in the presence of oxalamide compounds with different configurations. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 104, 624-630	7.9	12
75	Design of polyurethane acrylic antimicrobial films via one-step UV curing. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 9762-9768	3.6	7
74	Monofunctional compatibilizer with long alkyl end for fabrication of superior tensile wood flour-polyolefin composites. <i>Journal of Applied Polymer Science</i> , <b>2017</b> , 134,	2.9	6
73	Multilayer super-short carbon nanotube/nickel hydroxide nanoflakes for enhanced supercapacitor properties. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 2325-2334	2.1	2
72	Efficient Toughening of EpoxyAnhydride Thermosets with a Biobased Tannic Acid Derivative. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 596-603	8.3	60
71	Cellulose-g-poly(d-lactide) nanohybrids induced significant low melt viscosity and fast crystallization of fully bio-based nanocomposites. <i>Carbohydrate Polymers</i> , <b>2017</b> , 155, 498-506	10.3	20
70	Preparation and Characterization of Fluorinated Hydrophobic UV-Crosslinkable Thiol-Ene Polyurethane Coatings. <i>Coatings</i> , <b>2017</b> , 7, 117	2.9	11
69	Crystallization modification of poly(lactide) by using nucleating agents and stereocomplexation. <i>E-Polymers</i> , <b>2016</b> , 16, 1-13	2.7	39
68	Multi-functional polydopamine coating: simultaneous enhancement of interfacial adhesion and CO2 separation performance of mixed matrix membranes. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 9148-9159	3.6	38
67	Long-chain branching hydrogel with ultrahigh tensibility and high strength by grafting via photo-induced polymerization. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 8650-8657	3.6	14
66	Preparation of glucose responsive polyelectrolyte capsules with shell crosslinking via the layer-by-layer technique and sustained release of insulin. <i>Polymer Chemistry</i> , <b>2016</b> , 7, 6779-6788	4.9	18
65	Preparation and characterization of innovative cellulose diacetate/epoxy resin blends modified by isophorone diamine. <i>Journal of Applied Polymer Science</i> , <b>2016</b> , 133,	2.9	6
64	Fabrication of PAM/PMAA inverse opal photonic crystal hydrogels by a Sandwich method and their pH and solvent responses. <i>RSC Advances</i> , <b>2016</b> , 6, 85885-85890	3.7	8
63	Superior Performance of Polyurethane Based on Natural Melanin Nanoparticles. <i>Biomacromolecules</i> , <b>2016</b> , 17, 3782-3789	6.9	62
62	Fabrication of Biobased Polyelectrolyte Capsules and Their Application for Glucose-Triggered Insulin Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 13688-97	9.5	48
61	Enhanced CO2 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> , <b>2016</b> , 6, 59946-59955	3.7	10

60	Highly exposed surface area of {001} facets dominated BiOBr nanosheets with enhanced visible light photocatalytic activity. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 6113-21	3.6	36
59	Simultaneous Enhancements of UV-Shielding Properties and Photostability of Poly(vinyl alcohol) via Incorporation of Sepia Eumelanin. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2016</b> , 4, 2252-2258	8.3	99
58	Preparation and properties of thermoplastic poly(caprolactone) composites containing high amount of esterified starch without plasticizer. <i>Carbohydrate Polymers</i> , <b>2016</b> , 139, 28-34	10.3	18
57	Preparation and Application of Water-in-Oil Emulsions Stabilized by Modified Graphene Oxide. <i>Materials</i> , <b>2016</b> , 9,	3.5	13
56	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> , <b>2016</b> , 8,	4.5	7
55	Tannic Acid as a Bio-Based Modifier of Epoxy/Anhydride Thermosets. <i>Polymers</i> , <b>2016</b> , 8,	4.5	27
54	The Effect of Thermal History on the Fast Crystallization of Poly(L-Lactide) with Soluble-Type Nucleators and Shear Flow. <i>Polymers</i> , <b>2016</b> , 8,	4.5	4
53	Fabrication of ferric chloride doped polyaniline/multilayer super-short carbon nanotube nanocomposites for supercapacitor applications. <i>Journal of Solid State Electrochemistry</i> , <b>2016</b> , 20, 2805-2816	2.6	15
52	Silver nanoparticle decorated polyaniline/multiwalled super-short carbon nanotube nanocomposites for supercapacitor applications. <i>RSC Advances</i> , <b>2016</b> , 6, 65012-65019	3.7	39
51	Enhanced crystallization kinetics of poly(lactide) with oxalamide compounds as nucleators: effect of spacer length between the oxalamide moieties. <i>RSC Advances</i> , <b>2016</b> , 6, 48365-48374	3.7	20
50	High-performance poly(lactide) composites by construction of network-like shish-kebab crystals. <i>RSC Advances</i> , <b>2016</b> , 6, 71046-71051	3.7	8
49	Bio-based poly(lactide)/ethylene-co-vinyl acetate thermoplastic vulcanizates by dynamic crosslinking: structure vs. property. <i>RSC Advances</i> , <b>2015</b> , 5, 15962-15968	3.7	38
48	Tuning the size and morphology of zeolitic imidazolate framework-8 in a membrane dispersion reactor. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 5890-5894	3.6	3
47	Efficient CO <sub>2</sub> capture by metallo-supramolecular polymers as fillers to fabricate a polymeric blend membrane. <i>RSC Advances</i> , <b>2015</b> , 5, 67658-67661	3.7	9
46	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> , <b>2015</b> , 22, 1	2.7	47
45	Poly(ether-b-amide)/Tween20 Gel Membranes for CO <sub>2</sub> /N <sub>2</sub> Separation. <i>Separation Science and Technology</i> , <b>2015</b> , 150527095459001	2.5	2
44	pH-dependent and self-healing properties of mussel modified poly(vinyl alcohol) hydrogels in a metal-free environment. <i>RSC Advances</i> , <b>2015</b> , 5, 82252-82258	3.7	33
43	Rapid Stereocomplexation between Enantiomeric Comb-Shaped Cellulose-g-poly(L-lactide) Nanohybrids and Poly(D-lactide) from the Melt. <i>Biomacromolecules</i> , <b>2015</b> , 16, 3723-9	6.9	51



42	Co-deposition motif for constructing inverse opal photonic crystals with pH sensing. <i>RSC Advances</i> , <b>2015</b> , 5, 69263-69267	3.7	4
41	Stereocomplexation kinetics of enantiomeric poly(L-lactide)/poly(D-lactide) blends seeded by nanocrystalline cellulose. <i>RSC Advances</i> , <b>2015</b> , 5, 71115-71119	3.7	13
40	Strong nanocomposite reinforcement effects in poly(vinyl alcohol) with melanin nanoparticles. <i>RSC Advances</i> , <b>2015</b> , 5, 72691-72698	3.7	43
39	Fabrication of Uniform Nanocomposite by Anchoring Polyaniline Nanofibers on the Surface of Graphene Oxide for Supercapacitors. <i>Integrated Ferroelectrics</i> , <b>2015</b> , 161, 76-84	0.8	3
38	Biobased Poly(lactide)/ethylene-co-vinyl Acetate Thermoplastic Vulcanizates: Morphology Evolution, Superior Properties, and Partial Degradability. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2015</b> , 3, 2211-2219	8.3	49
37	Free-standing molecularly imprinted photonic hydrogels based on cyclodextrin for the visual detection of L-tryptophan. <i>Analytical Methods</i> , <b>2015</b> , 7, 8352-8359	3.2	24
36	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> , <b>2015</b> , 50, 168-175	4.3	10
35	Fabrication of rod-like nanocapsules based on polylactide and 3,4-dihydroxyphenylalanine for a drug delivery system. <i>RSC Advances</i> , <b>2015</b> , 5, 103414-103420	3.7	9
34	Gold-loaded polymeric micelles with temperature-modulated catalytic activity. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , <b>2015</b> , 30, 1092-1097	1	2
33	Nanocomposite hydrogel consisting of Na-montmorillonite with enhanced mechanical properties. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2015</b> , 53, 1020-1026	2.6	16
32	Multiwalled carbon nanotubes noncovalently functionalized by electro-active amphiphilic copolymer micelles for selective dopamine detection. <i>RSC Advances</i> , <b>2015</b> , 5, 18233-18241	3.7	15
31	Superabsorbent poly(acrylamide-co-itaconic acid) hydrogel microspheres: Preparation, characterization and absorbency. <i>Polymer Science - Series A</i> , <b>2014</b> , 56, 275-282	1.2	10
30	Synthesis and Water Absorbency Property of Monodispersed Poly (acrylamide-co-itaconic acid) Spheres by Dispersion Polymerization. <i>Integrated Ferroelectrics</i> , <b>2014</b> , 153, 23-32	0.8	1
29	Modification of graphene oxide by a facile coprecipitation method and click chemistry for use as a drug carrier. <i>RSC Advances</i> , <b>2014</b> , 4, 28807-28813	3.7	17
28	Rapid Crystallization of Poly(lactic acid) by Using Tailor-Made Oxalamide Derivatives as Novel Soluble-Type Nucleating Agents. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2014</b> , 53, 12888-12892 <sup>3-9</sup>	2.9	57
27	Effects of hyperbranched and linear architecture on properties of polymers composed of poly( $\epsilon$ -caprolactone) and hydroxycinnamic acid. <i>Polymer Science - Series A</i> , <b>2014</b> , 56, 256-263	1.2	
26	Studies on Synthesis, Characterization, and Functionalization of Poly(3,4-dihydroxy-L-phenylalanine). <i>Chemistry Letters</i> , <b>2014</b> , 43, 959-961	1.7	3
25	Enhanced thermal stability of poly(vinyl alcohol) in presence of melanin. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2014</b> , 115, 1661-1668	4.1	44

24	Electric-field-induced aggregation of polymeric micelles to construct secondary assembly films. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 127, 2816-2822	2.9	1
23	Influence of phthalic anhydride and bioxazoline on the mechanical and morphological properties of biodegradable poly(lactic acid)/poly[(butylene adipate)-co-terephthalate] blends. <i>Polymer International</i> , <b>2013</b> , 62, 1783-1790	3.3	29
22	Nanoparticle Fabrication with Biodegradable Block Copolymer Composed of Hydrophilic Poly(trimethylene carbonate) Derivative and Hydrophobic Polylactide. <i>Chemistry Letters</i> , <b>2013</b> , 42, 74-76 <sup>1-7</sup>		6
21	Synthesis and biocompatibility of phosphoryl polymer and relationship between biocompatibility and water structure. <i>Polymer Science - Series B</i> , <b>2012</b> , 54, 335-341	0.8	2
20	Studies on photoreactive and biodegradable copolymers composed of poly( $\epsilon$ -caprolactone) and 4-hydroxycinnamic acid. <i>Polymer Journal</i> , <b>2012</b> , 44, 1123-1130	2.7	5
19	Synthesis and Properties of Degradable Copolymers Composed of Poly( $\epsilon$ -caprolactone) and 3,4-Dihydroxycinnamic Acid. <i>Chinese Journal of Chemistry</i> , <b>2012</b> , 30, 2445-2452	4.9	3
18	Cross-linked micelles of graftlike block copolymer bearing biodegradable $\epsilon$ -caprolactone branches: a novel delivery carrier for paclitaxel. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 373-380		35
17	Effect of Degree of Branching on Properties of Photosensitive Nanoparticles as Drug-Delivery Carriers. <i>Macromolecular Chemistry and Physics</i> , <b>2012</b> , 213, 2157-2164	2.6	3
16	Synthesis and characterization of biodegradable polymers composed of 3,4-dihydroxycinnamic acid and poly(ethylene glycol). <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 125, 1657-1662	2.9	2
15	Biodegradable bio-based polyesters with controllable photo-crosslinkability, thermal and hydrolytic stability. <i>Journal of Polymer Research</i> , <b>2011</b> , 18, 1239-1247	2.7	22
14	Design and fabrication of superparamagnetic hybrid microspheres for protein immobilization. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , <b>2011</b> , 26, 1084-1088	1	4
13	Synthesis of double-hydrophilic poly(methylacrylic acid)- <i>b</i> -poly(ethylene glycol)- <i>b</i> -poly(methylacrylic acid) triblock copolymers and their micelle formation. <i>Polymer International</i> , <b>2011</b> , 60, 327-332	3.3	7
12	Synthesis and Characterization of NiO/Mesoporous Silica Nanocomposite. <i>Integrated Ferroelectrics</i> , <b>2011</b> , 128, 135-141	0.8	2
11	The preparation of inorganic/organic hybrid nanomaterials containing silsesquioxane and its reinforcement for an epoxy resin network. <i>Colloid and Polymer Science</i> , <b>2010</b> , 288, 469-477	2.4	24
10	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> , <b>2009</b> , 210, 2063-2069	2.6	11
9	Self-assembly and solid-state photo polymerization of acrylamide crystal film. <i>Colloid and Polymer Science</i> , <b>2009</b> , 287, 73-79	2.4	1
8	Effect of Tb(III) on the properties of P(NIPAM-co-St) copolymer microspheres. <i>Journal of Polymer Research</i> , <b>2008</b> , 15, 141-145	2.7	4
7	Graft copolymerization of soybean protein isolate and methacrylic acid. <i>Journal of Applied Polymer Science</i> , <b>2006</b> , 102, 4023-4029	2.9	15

- |   |  |     |   |
|---|--|-----|---|
| 6 | Graft polymerization of styrene on soy protein isolate. <i>Journal of Applied Polymer Science</i> , <b>2005</b> , 98, 1457-1461  | 25  |   |
| 5 | 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 |
| 4 | Highly sensitive folic acid colorimetric sensor enabled by free-standing molecularly imprinted photonic hydrogels. <i>Polymer Bulletin</i> ,1  | 2.4 | 2 |
| 3 | Improving the toughness and flame retardancy of poly (lactic acid) with phosphorus-containing core-shell particles. <i>Journal of Applied Polymer Science</i> ,52390                       | 2.9 | 1 |
| 2 | N-doped carbon coating for stabilizing metal sulfides on carbon materials for high cycle life asymmetric supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> ,1 | 2.1 | 0 |
| 1 | Nitrogen-doped carbon boosting Fe <sub>2</sub> O <sub>3</sub> anode performance for supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> ,1                      | 2.1 | 1 |