

Sheng Xu

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.

183 papers	3,806 citations	34 h-index	51 g-index
189 ext. papers	4,460 ext. citations	5.1 avg, IF	5.76 L-index

#	Paper	IF	Citations
183	Imidazole derivative with an intramolecular hydrogen bond as thermal latent curing accelerator for epoxy/phenolic resins. <i>Journal of Applied Polymer Science</i> , 2022 , 139, 51911	2.9	0
182	A molecularly imprinted biosensor based on water-compatible and electroactive polymeric nanoparticles for lysozyme detection. <i>Talanta</i> , 2022 , 236, 122891	6.2	0
181	Bismaleimide/Phenolic/Epoxy Ternary Resin System for Molding Compounds in High-Temperature Electronic Packaging Applications. <i>Industrial & Engineering Chemistry Research</i> , 2022 , 61, 4191-4201	3.9	1
180	Reduced Graphene Oxide-Coated Silica Nanospheres as Flexible Enzymatic Biosensors for Detection of Glucose in Sweat. <i>ACS Applied Nano Materials</i> , 2021 , 4, 12442-12452	5.6	7
179	Hyperbranched epoxy resin-grafted graphene oxide for efficient and all-purpose epoxy resin modification.. <i>Journal of Colloid and Interface Science</i> , 2021 , 611, 105-117	9.3	1
178	Robust Damage-Reporting Strategy Enabled by Dual-Compartment Microcapsules. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 14518-14529	9.5	2
177	A Strong Dual-Component Bioadhesive Based on Solventless Thiol-isocyanate Click Chemistry. <i>ACS Biomaterials Science and Engineering</i> , 2021 , 7, 3389-3398	5.5	1
176	Triphenylphosphine-containing microcapsules fabricated from Pickering emulsions as a thermal latent curing accelerator for an epoxy/anhydride system. <i>Polymer International</i> , 2021 , 70, 1680	3.3	1
175	Preparation and electrochemical application of an AgNW/graphene/SU-8 composite conductive photoresist. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 51205	2.9	2
174	Simultaneous voltammetric determination of epinephrine and acetaminophen using a highly sensitive CoAl-OOH/reduced graphene oxide sensor in pharmaceutical samples and biological fluids. <i>Materials Science and Engineering C</i> , 2021 , 119, 111557	8.3	9
173	Detecting changes in attitudes toward depression on Chinese social media: A text analysis. <i>Journal of Affective Disorders</i> , 2021 , 280, 354-363	6.6	8
172	The effect of precisely defined associative distance and stimulus acquisition mode in individual creativity support systems. <i>Behaviour and Information Technology</i> , 2021 , 40, 260-270	2.4	2
171	Second interfacial polymerization of thin-film composite hollow fibers with amine-cyclodextrins for pervaporation dehydration. <i>AIChE Journal</i> , 2021 , 67, e17144	3.6	3
170	Hyperbranched polymer with dynamic thiol-aldehyde crosslinking and its application as a self-healable bioadhesive. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 5818-5828	7.3	1
169	Synthesis of Polyaniline@MnO ₂ /Graphene Ternary Hybrid Hollow Spheres via Pickering Emulsion Polymerization for Electrochemical Supercapacitors. <i>ACS Applied Energy Materials</i> , 2021 , 4, 7721-7730	6.1	1
168	Preparation of dual-chamber microcapsule by Pickering emulsion for self-healing application with ultra-high healing efficiency. <i>Journal of Colloid and Interface Science</i> , 2021 , 600, 660-669	9.3	10
167	Photolithographic 3D microarray electrode-based high-performance non-enzymatic H ₂ O ₂ sensor. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 628, 127249	5.1	3

166	Fluorescent molecularly imprinted nanoparticles with boronate affinity for selective glycoprotein detection. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 6469-6480	7.3	13
165	Synthesis of isocyanurate-based imidazole carboxylate as thermal latent curing accelerator for thermosetting epoxy resins. <i>Journal of Applied Polymer Science</i> , 2020 , 137, 49221	2.9	3
164	Hierarchical 0D-2D bio-composite film based on enzyme-loaded polymeric nanoparticles decorating graphene nanosheets as a high-performance bio-sensing platform. <i>Biosensors and Bioelectronics</i> , 2020 , 156, 112134	11.8	18
163	Thermal latent curing agent for epoxy resins from neutralization of 2-methylimidazole with a phosphazene-containing polyfunctional carboxylic acid. <i>Polymers for Advanced Technologies</i> , 2020 , 31, 1553-1561	3.2	4
162	Photo-Cross-Linked Polycarbonate Coating with Surface-Erosion Behavior for Corrosion Resistance and Cytocompatibility Enhancement of Magnesium Alloy.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 4427-4435	4.1	6
161	Silica/poly(styrene-alt-maleic anhydride) hybrid particles as a reactive toughener for epoxy resin. <i>Journal of Applied Polymer Science</i> , 2020 , 137, 48986	2.9	2
160	A fabrication strategy for protein sensors based on an electroactive molecularly imprinted polymer: Cases of bovine serum albumin and trypsin sensing. <i>Analytica Chimica Acta</i> , 2020 , 1117, 25-34	6.6	6
159	Synthesis of Temperature/pH Dual-Stimuli-Response Multicompartmental Microcapsules via Pickering Emulsion for Preprogrammable Payload Release. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 4821-4832	9.5	36
158	Influence of ionic strength on gel-like Pickering emulsions stabilized by self-assembled colloidal nanoparticles containing lysozyme. <i>Colloid and Polymer Science</i> , 2020 , 298, 1249-1262	2.4	3
157	Photocurable Hyperbranched Polymer Medical Glue for Water-Resistant Bonding. <i>Biomacromolecules</i> , 2020 , 21, 5222-5232	6.9	9
156	Screen-Printed Carbon Electrodes Modified with Polymeric Nanoparticle-Carbon Nanotube Composites for Enzymatic Biosensing. <i>ACS Applied Nano Materials</i> , 2020 , 3, 9158-9166	5.6	8
155	Silver Nanoparticle-Enzyme Composite Films for Hydrogen Peroxide Detection. <i>ACS Applied Nano Materials</i> , 2019 , 2, 5910-5921	5.6	19
154	Olive-Structured Nanocomposite Based on Multiwalled Carbon Nanotubes Decorated with an Electroactive Copolymer for Environmental Nitrite Detection. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 17424-17431	8.3	11
153	Polymeric nanoparticles-based multi-functional coatings on NiTi alloy with nickel ion release control, cytocompatibility, and antibacterial performance. <i>New Journal of Chemistry</i> , 2019 , 43, 1551-1561	3.6	6
152	Preparation of silver nanoparticles with hyperbranched polymers as a stabilizer for inkjet printing of flexible circuits. <i>New Journal of Chemistry</i> , 2019 , 43, 2797-2803	3.6	12
151	Reactive particles from in situ silane-polycondensation-induced self-assembly of poly(styrene-alt-maleic anhydride) as toughener for epoxy resins. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47565	2.9	3
150	ZIF-8 membrane synthesized via covalent-assisted seeding on polyimide substrate for pervaporation dehydration. <i>AIChE Journal</i> , 2019 , 65, e16620	3.6	15
149	Versatile Surface Modification of TFC Membrane by Layer-by-Layer Assembly of Phytic Acid-Metal Complexes for Comprehensively Enhanced FO Performance. <i>Environmental Science & Technology</i> , 2019 , 53, 3331-3341	10.3	36

148	Electrochemical protein recognition based on macromolecular self-assembly of molecularly imprinted polymer: a new strategy to mimic antibody for label-free biosensing. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 2311-2319	7.3	25
147	Facile one-step fabrication of glucose oxidase loaded polymeric nanoparticles decorating MWCNTs for constructing glucose biosensing platform: Structure matters. <i>Biosensors and Bioelectronics</i> , 2019 , 135, 153-159	11.8	25
146	Insights into the electrode reaction process of nickel nanoparticles @reduced graphene oxide catalyst for ethanol oxidation in alkaline solution. <i>Ionics</i> , 2019 , 25, 3775-3786	2.7	2
145	A Temperature-Responsive Boronate Core Cross-Linked Star (CCS) Polymer for Fast and Highly Efficient Enrichment of Glycoproteins. <i>Small</i> , 2019 , 15, e1900099	11	13
144	Long Conducting and Water-Compatible Polymer/Carbon Nanotubes Nanocomposite with Beads-on-a-String Structure as a Highly Effective Electrochemical Sensing Material. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 3556-3566	8.3	13
143	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
142	Electrochemical Sensor Coating Based on Electrophoretic Deposition of Au-Doped Self-Assembled Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 5926-5932	9.5	10
141	Properties and pervaporation performance of poly(vinyl alcohol) membranes crosslinked with various dianhydrides. <i>Journal of Applied Polymer Science</i> , 2018 , 135, 46159	2.9	17
140	Novel Star Polymers as Chemically Amplified Positive-Tone Photoresists for KrF Lithography Applications. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 6790-6796	3.9	3
139	Interfacial Interaction Analysis of Blends of Poly(vinylidene fluoride) and Poly(ethylene Butylacrylate)-glycidyl methacrylate) Compatibilized by Poly(butylene succinate): Morphologies, Rheological Behavior, and Mechanical Properties. <i>Polymer-Plastics Technology and Engineering</i> , 2018 , 57, 206-217		
138	All cellulose composites based on cellulose diacetate and nanofibrillated cellulose prepared by alkali treatment. <i>Carbohydrate Polymers</i> , 2018 , 179, 297-304	10.3	61
137	Molecularly imprinted polymeric nanoparticles decorated with Au NPs for highly sensitive and selective glucose detection. <i>Biosensors and Bioelectronics</i> , 2018 , 100, 497-503	11.8	43
136	Preparation of molecularly imprinted polymer/Au nanohybrids as an effective biosensing material. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 555, 95-102	5.1	10
135	Photo-sensitive bio-based copolymer containing cholic acids: novel functional materials for 248nm photoresist. <i>Journal of Polymer Research</i> , 2018 , 25, 1	2.7	3
134	Water-dispersible molecularly imprinted nanohybrids via co-assembly of carbon nanotubes with amphiphilic copolymer and photocrosslinking for highly sensitive and selective paracetamol detection. <i>Biosensors and Bioelectronics</i> , 2018 , 117, 713-719	11.8	23
133	Necklace-like Molecularly Imprinted Nanohybrids Based on Polymeric Nanoparticles Decorated Multiwalled Carbon Nanotubes for Highly Sensitive and Selective Melamine Detection. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 24850-24859	9.5	32
132	Green Synthesis of Water-Compatible Fluorescent Molecularly Imprinted Polymeric Nanoparticles for Efficient Detection of Paracetamol. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 9760-9770	8.3	21
131	Preparation and Properties of Aqueous SCNTs Dispersion based on A UV-curable Polymeric Dispersant. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2018 , 33, 485-491	1	1

130	Colloidal particle based electrodeposition coatings on NiTi alloy: Reduced releasing of nickel ions and improved biocompatibility. <i>Materials Letters</i> , 2018 , 230, 228-231	3.3	6
129	Facile Synthesis of Hyperbranched Polymers by Sequential Polycondensation. <i>ACS Macro Letters</i> , 2018 , 7, 778-782	6.6	10
128	Selective and sensitive glycoprotein detection via a biomimetic electrochemical sensor based on surface molecular imprinting and boronate-modified reduced graphene oxide. <i>Sensors and Actuators B: Chemical</i> , 2018 , 259, 1-9	8.5	39
127	Zwitterionic-Based Surface via the Coelectrodeposition of Colloid Particles and Tannic Acid with Bacterial Resistance but Cell Adhesion Properties. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 4122-4131	5.5	10
126	Tannic acid stabilized antioxidation copper nanoparticles in aqueous solution for application in conductive ink. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 20603-20606	2.1	3
125	Stiff Self-Healing Coating Based on UV-Curable Polyurethane with a "Hard Core, Flexible Arm" Structure. <i>ACS Omega</i> , 2018 , 3, 11128-11135	3.9	18
124	Noncovalent functionalization of carbon nanotubes using branched random copolymer for improvement of thermal conductivity and mechanical properties of epoxy thermosets. <i>Polymer International</i> , 2018 , 67, 1128-1136	3.3	4
123	Efficient unimolecular photoinitiators for simultaneous hybrid thiol-epoxy photopolymerization under visible LED light irradiation. <i>Polymer Chemistry</i> , 2017 , 8, 1579-1588	4.9	21
122	Synthesis of hydrophilic and conductive molecularly imprinted polyaniline particles for the sensitive and selective protein detection. <i>Biosensors and Bioelectronics</i> , 2017 , 94, 39-46	11.8	52
121	Noncovalent functionalization of carbon nanotube using poly(vinylcarbazole)-based compatibilizer for reinforcement and conductivity improvement in epoxy composite. <i>Journal of Applied Polymer Science</i> , 2017 , 134,	2.9	17
120	Double Recognition and Selective Extraction of Glycoprotein Based on the Molecular Imprinted Graphene Oxide and Boronate Affinity. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 7735-7744	9.5	95
119	Novel one-component molecular glass photoresist based on cyclotriphosphazene containing t-butyloxy carbonyl group for i-line lithography. <i>Journal of Polymer Research</i> , 2017 , 24, 1	2.7	1
118	Preparation of amino-functionalized regenerated cellulose membranes with high catalytic activity. <i>International Journal of Biological Macromolecules</i> , 2017 , 102, 944-951	7.9	14
117	A nanocomposite consisting of carbon nanotubes and gold nanoparticles in an amphiphilic copolymer for voltammetric determination of dopamine, paracetamol and uric acid. <i>Mikrochimica Acta</i> , 2017 , 184, 1739-1745	5.8	28
116	One-pot synthesis of molecular glass photoresists based on Cyclodextrin containing a t-butyloxy carbonyl group for i-line lithography. <i>Polymer Bulletin</i> , 2017 , 74, 1091-1101	2.4	2
115	A random acrylate copolymer with epoxy-amphiphilic structure as an efficient toughener for an epoxy/anhydride system. <i>Journal of Applied Polymer Science</i> , 2017 , 134,	2.9	2
114	Silyl-based initiators for two-photon polymerization: from facile synthesis to quantitative structure-activity relationship analysis. <i>Polymer Chemistry</i> , 2017 , 8, 6644-6653	4.9	11
113	Synthesis of novel copolymer based on precipitation polymerization and its application in positive-tone photoresist. <i>Journal of Polymer Research</i> , 2017 , 24, 1	2.7	4

112	Novel partially bio-based fluorinated polyimides from dimer fatty diamine for UV-cured coating 2017 , 14, 1325-1334		4
111	Synthesis of fluorinated polycarbonate-based polyurethane acrylate for UV-curable coatings 2017 , 14, 233-241		7
110	Self-assembled polymeric nanoparticles film stabilizing gold nanoparticles as a versatile platform for ultrasensitive detection of carcino-embryonic antigen. <i>Biosensors and Bioelectronics</i> , 2017 , 92, 570-576	11.8	47
109	Efficient Toughening of Epoxy-Anhydride Thermosets with a Biobased Tannic Acid Derivative. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 596-603	8.3	60
108	A novel electrochemical sensor based on FeS anchored reduced graphene oxide nanosheets for simultaneous determination of dopamine and acetaminophen. <i>Materials Science and Engineering C</i> , 2017 , 70, 628-636	8.3	55
107	Six-arm star-shaped polymer with cyclophosphazene core and poly(ϵ -caprolactone) arms as modifier of epoxy thermosets. <i>Journal of Applied Polymer Science</i> , 2017 , 134,	2.9	8
106	Carbanion as a Superbase for Catalyzing Thiol-Epoxy Photopolymerization. <i>Polymers</i> , 2017 , 9,	4.5	10
105	Two-Sided Surface Oxidized Cellulose Membranes Modified with PEI: Preparation, Characterization and Application for Dyes Removal. <i>Polymers</i> , 2017 , 9,	4.5	16
104	Synthesis of UV-curable polycarbonate diols (PCDL)-based polyurethane acrylate for negative photoresist. <i>Polymer Bulletin</i> , 2016 , 73, 647-659	2.4	12
103	Tannic acid stabilized silver nanoparticles for inkjet printing of conductive flexible electronics. <i>RSC Advances</i> , 2016 , 6, 83720-83729	3.7	23
102	Electrophoretic deposition of colloidal particles on Mg with cytocompatibility, antibacterial performance, and corrosion resistance. <i>Acta Biomaterialia</i> , 2016 , 45, 387-398	10.8	42
101	Hydrophobic, transparent waterborne UV-curable polyurethane nanocomposites based on polycarbonate and PCL-PDMS-PCL reinforced with colloidal silica 2016 , 13, 1021-1033		13
100	Efficient Benzodioxole-based unimolecular photoinitiators: From synthesis to photopolymerization under UV-A and visible LED light irradiation. <i>Journal of Applied Polymer Science</i> , 2016 , 133, n/a-n/a	2.9	5
99	Bio-based epoxy-anhydride thermosets from six-armed linoleic acid-derived epoxy resin. <i>RSC Advances</i> , 2016 , 6, 52549-52555	3.7	25
98	A glassy carbon electrode modified with an amphiphilic, electroactive and photosensitive polymer and with multi-walled carbon nanotubes for simultaneous determination of dopamine and paracetamol. <i>Mikrochimica Acta</i> , 2016 , 183, 1543-1551	5.8	28
97	Liquid Marbles Stabilized by Fluorine-Bearing Cyclomatrix Polyphosphazene Particles and Their Application as High-Efficiency Miniature Reactors. <i>Langmuir</i> , 2016 , 32, 1707-15	4	14
96	Tannic Acid Induced Self-Assembly of Three-Dimensional Graphene with Good Adsorption and Antibacterial Properties. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 1404-1413	8.3	168
95	Core-Corona Micelles Formed by Self-Assembly of Random Copolymer and Homopolymer Mixtures: Dissipative Particle Dynamics Simulations. <i>Journal of Dispersion Science and Technology</i> , 2016 , 37, 625-632	1.5	

94	Dissipative Particle Dynamics Simulations on the Self-Assembly of New Segmented Random-Block Copolymers in Selective Solvents. <i>Journal of Dispersion Science and Technology</i> , 2016 , 37, 900-907	1.5	1
93	Preparation and Application of Water-in-Oil Emulsions Stabilized by Modified Graphene Oxide. <i>Materials</i> , 2016 , 9,	3.5	13
92	Tannic Acid as a Bio-Based Modifier of Epoxy/Anhydride Thermosets. <i>Polymers</i> , 2016 , 8,	4.5	27
91	Understanding of intermolecular interaction in PVDF/PTW blends: Crystallization behavior, thermal, and dynamic mechanical properties. <i>Journal of Applied Polymer Science</i> , 2016 , 133,	2.9	4
90	Layer-by-layer inkjet printing SPS:PEDOT NP/RGO composite film for flexible humidity sensors. <i>RSC Advances</i> , 2016 , 6, 113298-113306	3.7	16
89	Preparation of a Magnetic Molecularly Imprinted Graphene Composite Highly Adsorbent for 4-Nitrophenol in Aqueous Medium. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 3316-3326	8.3	60
88	Extremely deep photopolymerization using upconversion particles as internal lamps. <i>Polymer Chemistry</i> , 2016 , 7, 2457-2463	4.9	83
87	Humidity sensor fabricated by inkjet-printing photosensitive conductive inks PEDOT:PVMA on a paper substrate. <i>RSC Advances</i> , 2016 , 6, 47498-47508	3.7	25
86	Molecularly imprinted nanohybrids based on dopamine-modified poly(γ -glutamic acid) for electrochemical sensing of melamine. <i>Biosensors and Bioelectronics</i> , 2016 , 85, 381-386	11.8	20
85	Three-dimensional Ag/tannic acid/graphene as an antibacterial material. <i>New Journal of Chemistry</i> , 2016 , 40, 6332-6339	3.6	16
84	Synthesis of chemically amplified photoresist polymer containing four (Meth)acrylate monomers via RAFT polymerization and its application for KrF lithography. <i>Journal of Polymer Research</i> , 2016 , 23, 1	2.7	4
83	One-step formation of multiple Pickering emulsions stabilized by self-assembled poly(dodecyl acrylate-co-acrylic acid) nanoparticles. <i>Soft Matter</i> , 2016 , 12, 7577-7584	3.6	27
82	Corrosion resistance of biodegradable Mg with a composite polymer coating. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2016 , 27, 1763-1774	3.5	4
81	Effect of chain microstructure on self-assembly and emulsification of amphiphilic poly(acrylic acid)-polystyrene copolymers. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 26236-26244	3.6	15
80	Synthesis of Water-Dispersible Molecularly Imprinted Electroactive Nanoparticles for the Sensitive and Selective Paracetamol Detection. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 21028-38	9.5	50
79	One-pot facile preparation of Ag nanoparticles for chloride ion sensing. <i>Colloid and Polymer Science</i> , 2016 , 294, 1643-1649	2.4	2
78	Synthesis of novel branched UV-curable methacrylate copolymer and its application in negative photoresist. <i>Polymer Bulletin</i> , 2015 , 72, 523-533	2.4	4
77	UV-Curable Coatings from Multiarmed Cardanol-Based Acrylate Oligomers. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 1313-1320	8.3	91

76	Cardanol-based oligomers with hard core, flexible shell structures: from synthesis to UV curing applications. <i>Green Chemistry</i> , 2015 , 17, 3319-3325	10	37
75	Preparation of surface self-concentration and contact-killing antibacterial coating through UV curing. <i>RSC Advances</i> , 2015 , 5, 34199-34205	3.7	15
74	Reactive copolymer functionalized graphene sheet for enhanced mechanical and thermal properties of epoxy composites. <i>Journal of Polymer Science Part A</i> , 2015 , 53, 2776-2785	2.5	15
73	Formation of bowl-shaped nanoparticles by self-assembly of cinnamic acid-modified dextran. <i>Carbohydrate Polymers</i> , 2015 , 133, 637-43	10.3	13
72	Interpenetrated polymer networks in composites with poly(vinyl alcohol), micro- and nano-fibrillated cellulose (M/NFC) and polyHEMA to develop packaging materials. <i>Cellulose</i> , 2015 , 22, 3877-3894	5.5	19
71	Tannic acid functionalized graphene hydrogel for entrapping gold nanoparticles with high catalytic performance toward dye reduction. <i>Journal of Hazardous Materials</i> , 2015 , 300, 615-623	12.8	80
70	Pickering emulsions stabilized by composite nanoparticles prepared from lysozyme and dopamine modified poly (L-glutamic acid): effects of pH value on the stability of the emulsion and the activity of lysozyme. <i>RSC Advances</i> , 2015 , 5, 90651-90658	3.7	14
69	Synthesis and characterization of waterborne UV-curable polyurethane modified with side-chain triethoxysilane and colloidal silica. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 468, 1-9	5.1	30
68	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
67	Rheological and structural characterization of HA/PVA-SbQ composites film-forming solutions and resulting films as affected by UV irradiation time. <i>Carbohydrate Polymers</i> , 2015 , 115, 422-31	10.3	30
66	An Efficient Approach to Prepare Carbon Nanotube-Gold Nanoparticles Nanocomposites Based on Amphiphilic Copolymer Containing Coumarin. <i>Chemistry Letters</i> , 2015 , 44, 1497-1499	1.7	1
65	A Biodegradable Coating Based on Self-Assembled Hybrid Nanoparticles to Control the Performance of Magnesium. <i>Macromolecular Chemistry and Physics</i> , 2015 , 216, 1952-1962	2.6	6
64	Thioxanthone acetic acid ammonium salts: highly efficient photobase generators based on photodecarboxylation. <i>RSC Advances</i> , 2015 , 5, 53342-53348	3.7	30
63	Selective adsorption and separation of dyes from an aqueous solution on organic-inorganic hybrid cyclomatrix polyphosphazene submicro-spheres. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 4314-4322	13	71
62	Self-assembly and emulsification of dopamine-modified hyaluronan. <i>Carbohydrate Polymers</i> , 2015 , 123, 72-9	10.3	27
61	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
60	Highly cross-linked fluorescent poly(cyclotriphosphazene-co-curcumin) microspheres for the selective detection of picric acid in solution phase. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 4604-4611	13	113
59	Liquid-liquid interfacial behavior of dopamine modified poly(L-glutamic acid) polymer. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 470, 218-223	5.1	11

58	Molecularly imprinted photo-sensitive polyglutamic acid nanoparticles for electrochemical sensing of hemoglobin. <i>Mikrochimica Acta</i> , 2015 , 182, 175-183	5.8	39
57	A facile approach for synthesizing molecularly imprinted graphene for ultrasensitive and selective electrochemical detecting 4-nitrophenol. <i>Analytica Chimica Acta</i> , 2015 , 864, 74-84	6.6	52
56	Dynamics of cyclodimerization and viscoelasticity of photo-crosslinkable PVA. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2015 , 53, 345-355	2.6	8
55	Self-assembled micelles based on branched poly(styrene-alt-maleic anhydride) as particulate emulsifiers. <i>RSC Advances</i> , 2015 , 5, 1564-1570	3.7	14
54	Micelle-assisted synthesis of PANI nanoparticles and application as particulate emulsifier. <i>Colloid and Polymer Science</i> , 2014 , 292, 653-660	2.4	8
53	One-pot synthesis of a graphene oxide coated with an imprinted sol-gel for use in electrochemical sensing of paracetamol. <i>Mikrochimica Acta</i> , 2014 , 181, 1257-1266	5.8	38
52	In situ green synthesis of Au nanoparticles onto polydopamine-functionalized graphene for catalytic reduction of nitrophenol. <i>RSC Advances</i> , 2014 , 4, 64816-64824	3.7	79
51	Formation of Vesicles from Amphiphilic Random Copolymers in Solution: A Dissipative Particle Dynamics Simulation Study. <i>Journal of Dispersion Science and Technology</i> , 2014 , 35, 494-500	1.5	8
50	Dispersion of carbon nanotubes in water by self-assembled micelles of branched amphiphilic multifunctional copolymers with photosensitivity and electroactivity. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 14481-14492	13	21
49	Waterborne UV-curable polycarbonate polyurethane nanocomposites based on polydimethylsiloxane and colloidal silica with enhanced mechanical and surface properties. <i>RSC Advances</i> , 2014 , 4, 30938	3.7	28
48	Synthesis of New Biobased Antibacterial Methacrylates Derived from Tannic Acid and Their Application in UV-Cured Coatings. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 10835-10840	2.9	46
47	One-step electrodeposition of self-assembled colloidal particles: a novel strategy for biomedical coating. <i>Langmuir</i> , 2014 , 30, 11002-10	4	20
46	Influence of photo-cross-linking on emulsifying performance of the self-assemblies of poly(7-(4-vinylbenzyloxy)-4-methylcoumarin-co-acrylic acid). <i>Langmuir</i> , 2014 , 30, 6669-77	4	30
45	Preparation of photo-sensitive poly(L-glutamic acid) nanoparticles and application for immobilizing hemoglobin on electrode. <i>Colloid and Polymer Science</i> , 2014 , 292, 2295-2302	2.4	8
44	Synthesis and properties of UV-curable hyperbranched polyurethane and its application in the negative-type photoresist. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2014 , 29, 208-212	1	4
43	Layer-by-layer assembled ionic-liquid functionalized graphene-polyaniline nanocomposite with enhanced electrochemical sensing properties. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 4818	7.1	27
42	A facile approach for imprinting protein on the surface of multi-walled carbon nanotubes. <i>Talanta</i> , 2014 , 120, 76-83	6.2	49
41	One-pot green synthesis of nanohybrid structures: gold nanoparticles in poly(L-glutamic acid) copolymer nanoparticles. <i>RSC Advances</i> , 2014 , 4, 25106	3.7	19

40	Pickering Emulsion Stabilized by Self-Assembled Micelles of Amphiphilic Random Copolymer P(St-co-DM). <i>Journal of Dispersion Science and Technology</i> , 2014 , 35, 757-764	1.5	10
39	Preparation and characterization of UV-curable copolymers containing alkali soluble carboxyl pendant for negative photoresist. <i>Polymer Science - Series B</i> , 2014 , 56, 855-862	0.8	7
38	Micelle-encapsulated multi-wall carbon nanotubes with photosensitive copolymer and its application in the detection of dopamine. <i>Colloid and Polymer Science</i> , 2014 , 292, 153-161	2.4	8
37	Electric-field-induced aggregation of polymeric micelles to construct secondary assembly films. <i>Journal of Applied Polymer Science</i> , 2013 , 127, 2816-2822	2.9	1
36	Paracetamol Sensor Based on Molecular Imprinting by Photosensitive Polymers. <i>Electroanalysis</i> , 2013 , 25, 1907-1916	3	20
35	A novel electrochemical sensor for paracetamol based on molecularly imprinted polymeric micelles. <i>Sensors and Actuators B: Chemical</i> , 2013 , 188, 909-916	8.5	60
34	One-pot synthesis of branched alternating copolymers P(St-alt-MAn) via free radical polymerization in the presence of chain transfer monomer. <i>Polymer Bulletin</i> , 2013 , 70, 1795-1803	2.4	6
33	Layer-by-layer self-assembled hybrid multilayer films based on poly(sodium 4-styrenesulfonate) stabilized graphene with polyaniline and their electrochemical sensing properties. <i>RSC Advances</i> , 2013 , 3, 17866	3.7	32
32	Highly flexible, transparent cellulose composite films used in UV imprint lithography. <i>Cellulose</i> , 2013 , 20, 907-918	5.5	14
31	Efficient One-Pot Synthesis of Mussel-Inspired Molecularly Imprinted Polymer Coated Graphene for Protein-Specific Recognition and Fast Separation. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 18448-18456	3.8	100
30	Photosensitive acrylate copolymer for electrodeposition photoresist. <i>Polymer Science - Series A</i> , 2013 , 55, 225-232	1.2	3
29	Mechanical and water barrier properties of soy protein isolate film incorporated with gelatin. <i>Journal of Plastic Film and Sheeting</i> , 2013 , 29, 174-188	2.4	23
28	Design and synthesis of water-soluble photosensitive β -cyclodextrin and its application in dispersing carbon nanotubes. <i>Journal of Applied Polymer Science</i> , 2013 , 130, 2588-2593	2.9	3
27	Aqueous Dispersions of Carbon Nanotubes with Self-assembled Micelles of Photosensitive Amphiphilic Random Copolymer Containing Coumarin. <i>Chemistry Letters</i> , 2012 , 41, 50-52	1.7	7
26	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
25	Synthesis of stable aqueous dispersion of graphene/polyaniline composite mediated by polystyrene sulfonic acid. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 4888-4894	2.5	52
24	Completely green synthesis of Ag nanoparticles stabilized by soy protein isolate under UV irradiation. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2012 , 27, 852-856	1	4
23	Synthesis of pH-responsive photocrosslinked hyaluronic acid-based hydrogels for drug delivery. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 3507-3516	2.5	20

22	Photoresponsive water-dispersible polyaniline nanoparticles through template synthesis with copolymer micelle containing coumarin groups. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 4037-4045	2.5	19
21	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
20	Cellulose-nanowhisker-templated synthesis of titanium dioxide/cellulose nanomaterials with promising photocatalytic abilities. <i>Journal of Applied Polymer Science</i> , 2012 , 126, E282-E290	2.9	26
19	Preparation and characterization of carboxylterminated poly (butadiene-co-acrylonitrile) -epoxy resin prepolymers for fusion-bonded-epoxy powder coating. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2012 , 27, 694-701	1	8
18	Facile one-step electrochemical fabrication of a non-enzymatic glucose-selective glassy carbon electrode modified with copper nanoparticles and graphene. <i>Mikrochimica Acta</i> , 2012 , 177, 485-490	5.8	68
17	Removal of a Cationic Dye by Adsorption/Photodegradation Using Electrospun PAN/O-MMT Composite Nanofibrous Membranes Coated with TiO ₂ . <i>International Journal of Photoenergy</i> , 2012 , 2012, 1-8	2.1	21
16	Glucose sensors based on electrodeposition of molecularly imprinted polymeric micelles: a novel strategy for MIP sensors. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 2607-12	11.8	78
15	A photosensitive copolymer for UV-curable electrodeposition coatings. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2011 , 26, 1098-1102	1	3
14	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
13	Effect of Salicylic Acid on the Mechanical Properties and Water Resistance of Soy Protein Isolate Films. <i>Polymers and Polymer Composites</i> , 2010 , 18, 197-203	0.8	8
12	The preparation of inorganic/organic hybrid nanomaterials containing silsesquioxane and its reinforcement for an epoxy resin network. <i>Colloid and Polymer Science</i> , 2010 , 288, 469-477	2.4	24
11	Pickering emulsions stabilized by self-assembled colloidal particles of copolymers of P(St-alt-MAn)-co-P(VM-alt-MAn). <i>Journal of Colloid and Interface Science</i> , 2010 , 351, 315-22	9.3	66
10	Preparation of P4VP-g-PSt Copolymer Microspheres with Controllable Size by Atom Transfer Radical Polymerization Synthesized Poly(4-vinylpyridine) Macromonomer. <i>Chinese Journal of Chemistry</i> , 2009 , 27, 2249-2254	4.9	2
9	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
8	Graft copolymerization of soybean protein isolate and methacrylic acid. <i>Journal of Applied Polymer Science</i> , 2006 , 102, 4023-4029	2.9	15
7	Graft polymerization of styrene on soy protein isolate. <i>Journal of Applied Polymer Science</i> , 2005 , 98, 1457-1461	2.5	25
6	Micelles and hollow nanospheres based on epsilon-caprolactone-containing polymers in aqueous media. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 2950-3	16.4	66
5	Hyperbranched poly(ester ether)s as an amplified fluorescence sensor for selective and sensitive Fe ³⁺ detection and bioimaging. <i>Journal of Applied Polymer Science</i> , 2002 , 85, 1865	2.9	1

4	Mechanically robust, creep-resistant, intrinsic antibacterial and reprocessable dynamic polyurethane networks based on azine moieties. <i>Materials Chemistry Frontiers</i> ,	7.8	4
3	Effects of different imidazole accelerators on curing behavior and cross-linked network of epoxy resin/phenolic resin/benzoxazine ternary system. <i>Polymers for Advanced Technologies</i> ,	3.2	1
2	Ternary cross-linked PVA-APTES-ZIF-90 membrane for enhanced ethanol dehydration performance. <i>Advanced Composites and Hybrid Materials</i> ,1	8.7	2
1	Preparation of photo-crosslinkable acrylic copolymer and its debonding property on silicon wafer. <i>Journal of Adhesion Science and Technology</i> ,1-13	2	4