Sheng Xu

List of Publications by Citations

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	Tannic Acid Induced Self-Assembly of Three-Dimensional Graphene with Good Adsorption and Antibacterial Properties. *ACS Sustainable Chemistry and Engineering*, **2016**, 4, 1404-1413	8.3	168
182	Highly cross-linked fluorescent poly(cyclotriphosphazene-co-curcumin) microspheres for the selective detection of picric acid in solution phase. *Journal of Materials Chemistry A*, **2015**, 3, 4604-4611	13	113
181	Efficient One-Pot Synthesis of Mussel-Inspired Molecularly Imprinted Polymer Coated Graphene for Protein-Specific Recognition and Fast Separation. *Journal of Physical Chemistry C*, **2013**, 117, 18448-18456	4.8	100
180	Double Recognition and Selective Extraction of Glycoprotein Based on the Molecular Imprinted Graphene Oxide and Boronate Affinity. *ACS Applied Materials & Interfaces*, **2017**, 9, 7735-7744	9.5	95
179	UV-Curable Coatings from Multiarmed Cardanol-Based Acrylate Oligomers. *ACS Sustainable Chemistry and Engineering*, **2015**, 3, 1313-1320	8.3	91
178	Extremely deep photopolymerization using upconversion particles as internal lamps. *Polymer Chemistry*, **2016**, 7, 2457-2463	4.9	83
177	Tannic acid functionalized graphene hydrogel for entrapping gold nanoparticles with high catalytic performance toward dye reduction. *Journal of Hazardous Materials*, **2015**, 300, 615-623	12.8	80
176	In situ green synthesis of Au nanoparticles onto polydopamine-functionalized graphene for catalytic reduction of nitrophenol. *RSC Advances*, **2014**, 4, 64816-64824	3.7	79
175	Glucose sensors based on electrodeposition of molecularly imprinted polymeric micelles: a novel strategy for MIP sensors. *Biosensors and Bioelectronics*, **2011**, 26, 2607-12	11.8	78
174	Selective adsorption and separation of dyes from an aqueous solution on organic□inorganic hybrid cyclomatrix polyphosphazene submicro-spheres. *Journal of Materials Chemistry A*, **2015**, 3, 4314-4322	13	71
173	Facile one-step electrochemical fabrication of a non-enzymatic glucose-selective glassy carbon electrode modified with copper nanoparticles and graphene. *Mikrochimica Acta*, **2012**, 177, 485-490	5.8	68
172	Pickering emulsions stabilized by self-assembled colloidal particles of copolymers of P(St-alt-MAn)-co-P(VM-alt-MAn). *Journal of Colloid and Interface Science*, **2010**, 351, 315-22	9.3	66
171	Micelles and hollow nanospheres based on epsilon-caprolactone-containing polymers in aqueous media. *Angewandte Chemie - International Edition*, **2002**, 41, 2950-3	16.4	66
170	All cellulose composites based on cellulose diacetate and nanofibrillated cellulose prepared by alkali treatment. *Carbohydrate Polymers*, **2018**, 179, 297-304	10.3	61
169	A novel electrochemical sensor for paracetamol based on molecularly imprinted polymeric micelles. *Sensors and Actuators B: Chemical*, **2013**, 188, 909-916	8.5	60
168	Efficient Toughening of Epoxy□Anhydride Thermosets with a Biobased Tannic Acid Derivative. *ACS Sustainable Chemistry and Engineering*, **2017**, 5, 596-603	8.3	60
167	Preparation of a Magnetic Molecularly Imprinted Graphene Composite Highly Adsorbent for 4-Nitrophenol in Aqueous Medium. *ACS Sustainable Chemistry and Engineering*, **2016**, 4, 3316-3326	8.3	60

166	A novel electrochemical sensor based on FeS anchored reduced graphene oxide nanosheets for simultaneous determination of dopamine and acetaminophen. *Materials Science and Engineering C*, **2017**, 70, 628-636	8.3	55
165	Synthesis of hydrophilic and conductive molecularly imprinted polyaniline particles for the sensitive and selective protein detection. *Biosensors and Bioelectronics*, **2017**, 94, 39-46	11.8	52
164	A facile approach for synthesizing molecularly imprinted graphene for ultrasensitive and selective electrochemical detecting 4-nitrophenol. *Analytica Chimica Acta*, **2015**, 864, 74-84	6.6	52
163	Synthesis of stable aqueous dispersion of graphene/polyaniline composite mediated by polystyrene sulfonic acid. *Journal of Polymer Science Part A*, **2012**, 50, 4888-4894	2.5	52
162	Synthesis of Water-Dispersible Molecularly Imprinted Electroactive Nanoparticles for the Sensitive and Selective Paracetamol Detection. *ACS Applied Materials & Interfaces*, **2016**, 8, 21028-38	9.5	50
161	A facile approach for imprinting protein on the surface of multi-walled carbon nanotubes. *Talanta*, **2014**, 120, 76-83	6.2	49
160	Self-assembled polymeric nanoparticles film stabilizing gold nanoparticles as a versatile platform for ultrasensitive detection of carcino-embryonic antigen. *Biosensors and Bioelectronics*, **2017**, 92, 570-576	11.8	47
159	Synthesis of New Biobased Antibacterial Methacrylates Derived from Tannic Acid and Their Application in UV-Cured Coatings. *Industrial & Engineering Chemistry Research*, **2014**, 53, 10835-10840	3.9	46
158	Molecularly imprinted polymeric nanoparticles decorated with Au NPs for highly sensitive and selective glucose detection. *Biosensors and Bioelectronics*, **2018**, 100, 497-503	11.8	43
157	Electrophoretic deposition of colloidal particles on Mg with cytocompatibility, antibacterial performance, and corrosion resistance. *Acta Biomaterialia*, **2016**, 45, 387-398	10.8	42
156	Molecularly imprinted photo-sensitive polyglutamic acid nanoparticles for electrochemical sensing of hemoglobin. *Mikrochimica Acta*, **2015**, 182, 175-183	5.8	39
155	Selective and sensitive glycoprotein detection via a biomimetic electrochemical sensor based on surface molecular imprinting and boronate-modified reduced graphene oxide. *Sensors and Actuators B: Chemical*, **2018**, 259, 1-9	8.5	39
154	One-pot synthesis of a graphene oxide coated with an imprinted sol□gel for use in electrochemical sensing of paracetamol. *Mikrochimica Acta*, **2014**, 181, 1257-1266	5.8	38
153	Cardanol-based oligomers with □ard core, flexible shell□ structures: from synthesis to UV curing applications. *Green Chemistry*, **2015**, 17, 3319-3325	10	37
152	Versatile Surface Modification of TFC Membrane by Layer-by-Layer Assembly of Phytic Acid-Metal Complexes for Comprehensively Enhanced FO Performance. *Environmental Science & Technology*, **2019**, 53, 3331-3341	10.3	36
151	Synthesis of Temperature/pH Dual-Stimuli-Response Multicompartmental Microcapsules via Pickering Emulsion for Preprogrammable Payload Release. *ACS Applied Materials & Interfaces*, **2020**, 12, 4821-4832	9.5	36
150	Cross-linked micelles of graftlike block copolymer bearing biodegradable □caprolactone branches: a novel delivery carrier for paclitaxel. *Journal of Materials Chemistry*, **2012**, 22, 373-380		35
149	Necklace-like Molecularly Imprinted Nanohybrids Based on Polymeric Nanoparticles Decorated Multiwalled Carbon Nanotubes for Highly Sensitive and Selective Melamine Detection. *ACS Applied Materials & Interfaces*, **2018**, 10, 24850-24859	9.5	32

148	Layer-by-layer self-assembled hybrid multilayer films based on poly(sodium 4-styrenesulfonate) stabilized graphene with polyaniline and their electrochemical sensing properties. *RSC Advances*, **2013**, 3, 17866	3.7	32
147	Synthesis and characterization of waterborne UV-curable polyurethane modified with side-chain triethoxysilane and colloidal silica. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2015**, 468, 1-9	5.1	30
146	Rheological and structural characterization of HA/PVA-SbQ composites film-forming solutions and resulting films as affected by UV irradiation time. *Carbohydrate Polymers*, **2015**, 115, 422-31	10.3	30
145	Influence of photo-cross-linking on emulsifying performance of the self-assemblies of poly(7-(4-vinylbenzyloxyl)-4-methylcoumarin-co-acrylic acid). *Langmuir*, **2014**, 30, 6669-77	4	30
144	Thioxanthone acetic acid ammonium salts: highly efficient photobase generators based on photodecarboxylation. *RSC Advances*, **2015**, 5, 53342-53348	3.7	30
143	A nanocomposite consisting of carbon nanotubes and gold nanoparticles in an amphiphilic copolymer for voltammetric determination of dopamine, paracetamol and uric acid. *Mikrochimica Acta*, **2017**, 184, 1739-1745	5.8	28
142	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. *Mikrochimica Acta*, **2016**, 183, 1543-1551	5.8	28
141	Waterborne UV-curable polycarbonate polyurethane nanocomposites based on polydimethylsiloxane and colloidal silica with enhanced mechanical and surface properties. *RSC Advances*, **2014**, 4, 30938	3.7	28
140	Layer-by-layer assembled ionic-liquid functionalized graphene–polyaniline nanocomposite with enhanced electrochemical sensing properties. *Journal of Materials Chemistry C*, **2014**, 2, 4818	7.1	27
139	Self-assembly and emulsification of dopamine-modified hyaluronan. *Carbohydrate Polymers*, **2015**, 123, 72-9	10.3	27
138	Tannic Acid as a Bio-Based Modifier of Epoxy/Anhydride Thermosets. *Polymers*, **2016**, 8,	4.5	27
137	One-step formation of multiple Pickering emulsions stabilized by self-assembled poly(dodecyl acrylate-co-acrylic acid) nanoparticles. *Soft Matter*, **2016**, 12, 7577-7584	3.6	27
136	Cellulose-nanowhisker-templated synthesis of titanium dioxide/cellulose nanomaterials with promising photocatalytic abilities. *Journal of Applied Polymer Science*, **2012**, 126, E282-E290	2.9	26
135	Electrochemical protein recognition based on macromolecular self-assembly of molecularly imprinted polymer: a new strategy to mimic antibody for label-free biosensing. *Journal of Materials Chemistry B*, **2019**, 7, 2311-2319	7.3	25
134	Facile one-step fabrication of glucose oxidase loaded polymeric nanoparticles decorating MWCNTs for constructing glucose biosensing platform: Structure matters. *Biosensors and Bioelectronics*, **2019**, 135, 153-159	11.8	25
133	Bio-based epoxy-anhydride thermosets from six-armed linoleic acid-derived epoxy resin. *RSC Advances*, **2016**, 6, 52549-52555	3.7	25
132	Graft polymerization of styrene on soy protein isolate. *Journal of Applied Polymer Science*, **2005**, 98, 1457-1461	2.9	25
131	Humidity sensor fabricated by inkjet-printing photosensitive conductive inks PEDOT:PVMA on a paper substrate. *RSC Advances*, **2016**, 6, 47498-47508	3.7	25

130	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
129	Tannic acid stabilized silver nanoparticles for inkjet printing of conductive flexible electronics. *RSC Advances*, **2016**, 6, 83720-83729	3.7	23
128	Water-dispersible molecularly imprinted nanohybrids via co-assembly of carbon nanotubes with amphiphilic copolymer and photocrosslinking for highly sensitive and selective paracetamol detection. *Biosensors and Bioelectronics*, **2018**, 117, 713-719	11.8	23
127	Mechanical and water barrier properties of soy protein isolate film incorporated with gelatin. *Journal of Plastic Film and Sheeting*, **2013**, 29, 174-188	2.4	23
126	Efficient unimolecular photoinitiators for simultaneous hybrid thiol□ene□epoxy photopolymerization under visible LED light irradiation. *Polymer Chemistry*, **2017**, 8, 1579-1588	4.9	21
125	Green Synthesis of Water-Compatible Fluorescent Molecularly Imprinted Polymeric Nanoparticles for Efficient Detection of Paracetamol. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 9760-9770	8.3	21
124	Dispersion of carbon nanotubes in water by self-assembled micelles of branched amphiphilic multifunctional copolymers with photosensitivity and electroactivity. *Journal of Materials Chemistry A*, **2014**, 2, 14481-14492	13	21
123	Removal of a Cationic Dye by Adsorption/Photodegradation Using Electrospun PAN/O-MMT Composite Nanofibrous Membranes Coated withTiO2. *International Journal of Photoenergy*, **2012**, 2012, 1-8	2.1	21
122	One-step electrodeposition of self-assembled colloidal particles: a novel strategy for biomedical coating. *Langmuir*, **2014**, 30, 11002-10	4	20
121	Paracetamol Sensor Based on Molecular Imprinting by Photosensitive Polymers. *Electroanalysis*, **2013**, 25, 1907-1916	3	20
120	Synthesis of pH-responsive photocrosslinked hyaluronic acid-based hydrogels for drug delivery. *Journal of Polymer Science Part A*, **2012**, 50, 3507-3516	2.5	20
119	Molecularly imprinted nanohybrids based on dopamine-modified poly(□glutamic acid) for electrochemical sensing of melamine. *Biosensors and Bioelectronics*, **2016**, 85, 381-386	11.8	20
118	Silver Nanoparticle-Enzyme Composite Films for Hydrogen Peroxide Detection. *ACS Applied Nano Materials*, **2019**, 2, 5910-5921	5.6	19
117	Interpenetrated polymer networks in composites with poly(vinyl alcohol), micro- and nano-fibrillated cellulose (M/NFC) and polyHEMA to develop packaging materials. *Cellulose*, **2015**, 22, 3877-3894	5.5	19
116	One-pot green synthesis of nanohybrid structures: gold nanoparticles in poly(□glutamic acid) copolymer nanoparticles. *RSC Advances*, **2014**, 4, 25106	3.7	19
115	Photoresponsive water-dispersible polyaniline nanoparticles through template synthesis with copolymer micelle containing coumarin groups. *Journal of Polymer Science Part A*, **2012**, 50, 4037-4045	2.5	19
114	Hierarchical 0D-2D bio-composite film based on enzyme-loaded polymeric nanoparticles decorating graphene nanosheets as a high-performance bio-sensing platform. *Biosensors and Bioelectronics*, **2020**, 156, 112134	11.8	18
113	Stiff Self-Healing Coating Based on UV-Curable Polyurethane with a "Hard Core, Flexible Arm" Structure. *ACS Omega*, **2018**, 3, 11128-11135	3.9	18

112	Noncovalent functionalization of carbon nanotube using poly(vinylcarbazole)-based compatibilizer for reinforcement and conductivity improvement in epoxy composite. *Journal of Applied Polymer Science*, **2017**, 134,	2.9	17
111	Properties and pervaporation performance of poly(vinyl alcohol) membranes crosslinked with various dianhydrides. *Journal of Applied Polymer Science*, **2018**, 135, 46159	2.9	17
110	Two-Sided Surface Oxidized Cellulose Membranes Modified with PEI: Preparation, Characterization and Application for Dyes Removal. *Polymers*, **2017**, 9,	4.5	16
109	Layer-by-layer inkjet printing SPS:PEDOT NP/RGO composite film for flexible humidity sensors. *RSC Advances*, **2016**, 6, 113298-113306	3.7	16
108	Three-dimensional Ag□annic acid□raphene as an antibacterial material. *New Journal of Chemistry*, **2016**, 40, 6332-6339	3.6	16
107	ZIF-8 membrane synthesized via covalent-assisted seeding on polyimide substrate for pervaporation dehydration. *AICHE Journal*, **2019**, 65, e16620	3.6	15
106	Preparation of surface self-concentration and contact-killing antibacterial coating through UV curing. *RSC Advances*, **2015**, 5, 34199-34205	3.7	15
105	Reactive copolymer functionalized graphene sheet for enhanced mechanical and thermal properties of epoxy composites. *Journal of Polymer Science Part A*, **2015**, 53, 2776-2785	2.5	15
104	Multiwalled carbon nanotubes noncovalently functionalized by electro-active amphiphilic copolymer micelles for selective dopamine detection. *RSC Advances*, **2015**, 5, 18233-18241	3.7	15
103	Graft copolymerization of soybean protein isolate and methacrylic acid. *Journal of Applied Polymer Science*, **2006**, 102, 4023-4029	2.9	15
102	Effect of chain microstructure on self-assembly and emulsification of amphiphilic poly(acrylic acid)-polystyrene copolymers. *Physical Chemistry Chemical Physics*, **2016**, 18, 26236-26244	3.6	15
101	Preparation of amino-functionalized regenerated cellulose membranes with high catalytic activity. *International Journal of Biological Macromolecules*, **2017**, 102, 944-951	7.9	14
100	Pickering emulsions stabilized by composite nanoparticles prepared from lysozyme and dopamine modified poly (□glutamic acid): effects of pH value on the stability of the emulsion and the activity of lysozyme. *RSC Advances*, **2015**, 5, 90651-90658	3.7	14
99	Liquid Marbles Stabilized by Fluorine-Bearing Cyclomatrix Polyphosphazene Particles and Their Application as High-Efficiency Miniature Reactors. *Langmuir*, **2016**, 32, 1707-15	4	14
98	Highly flexible, transparent cellulose composite films used in UV imprint lithography. *Cellulose*, **2013**, 20, 907-918	5.5	14
97	Self-assembled micelles based on branched poly(styrene-alt-maleic anhydride) as particulate emulsifiers. *RSC Advances*, **2015**, 5, 1564-1570	3.7	14
96	Formation of bowl-shaped nanoparticles by self-assembly of cinnamic acid-modified dextran. *Carbohydrate Polymers*, **2015**, 133, 637-43	10.3	13
95	Fluorescent molecularly imprinted nanoparticles with boronate affinity for selective glycoprotein detection. *Journal of Materials Chemistry B*, **2020**, 8, 6469-6480	7.3	13

94	Hydrophobic, transparent waterborne UV-curable polyurethane nanocomposites based on polycarbonate and PCL-PDMS-PCL reinforced with colloidal silica **2016**, 13, 1021-1033		13
93	Preparation and Application of Water-in-Oil Emulsions Stabilized by Modified Graphene Oxide. *Materials*, **2016**, 9,	3.5	13
92	A Temperature-Responsive Boronate Core Cross-Linked Star (CCS) Polymer for Fast and Highly Efficient Enrichment of Glycoproteins. *Small*, **2019**, 15, e1900099	11	13
91	Long Conducting and Water-Compatible Polymer/Carbon Nanotubes Nanocomposite with Beads-on-a-String Structure as a Highly Effective Electrochemical Sensing Material. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 3556-3566	8.3	13
90	Synthesis of UV-curable polycarbonate diols (PCDL)-based polyurethane acrylate for negative photoresist. *Polymer Bulletin*, **2016**, 73, 647-659	2.4	12
89	Preparation of silver nanoparticles with hyperbranched polymers as a stabilizer for inkjet printing of flexible circuits. *New Journal of Chemistry*, **2019**, 43, 2797-2803	3.6	12
88	Silyl-based initiators for two-photon polymerization: from facile synthesis to quantitative structure–activity relationship analysis. *Polymer Chemistry*, **2017**, 8, 6644-6653	4.9	11
87	Olive-Structured Nanocomposite Based on Multiwalled Carbon Nanotubes Decorated with an Electroactive Copolymer for Environmental Nitrite Detection. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 17424-17431	8.3	11
86	Liquid–liquid interfacial behavior of dopamine modified poly(γ-glutamic acid) polymer. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2015**, 470, 218-223	5.1	11
85	Studies on Preparation and Fluorescent Properties of a Novel Photo-Sensitive Nanoparticle Composed of Europium Ion and Cinnamic Acid Derivative. *Macromolecular Chemistry and Physics*, **2009**, 210, 2063-2069	2.6	11
84	Simultaneous detection and removal of metal ions based on a chemosensor composed of a rhodamine derivative and cyclodextrin-modified magnetic nanoparticles. *Journal of Materials Science*, **2015**, 50, 168-175	4.3	10
83	Electrochemical Sensor Coating Based on Electrophoretic Deposition of Au-Doped Self-Assembled Nanoparticles. *ACS Applied Materials & Interfaces*, **2018**, 10, 5926-5932	9.5	10
82	Preparation of molecularly imprinted polymer/Au nanohybrids as an effective biosensing material. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2018**, 555, 95-102	5.1	10
81	Facile Synthesis of Hyperbranched Polymers by Sequential Polycondensation. *ACS Macro Letters*, **2018**, 7, 778-782	6.6	10
80	Carbanion as a Superbase for Catalyzing Thiol?Epoxy Photopolymerization. *Polymers*, **2017**, 9,	4.5	10
79	Pickering Emulsion Stabilized by Self-Assembled Micelles of Amphiphilic Random Copolymer P(St-co-DM). *Journal of Dispersion Science and Technology*, **2014**, 35, 757-764	1.5	10
78	Zwitterionic-Based Surface via the Coelectrodeposition of Colloid Particles and Tannic Acid with Bacterial Resistance but Cell Adhesion Properties. *ACS Biomaterials Science and Engineering*, **2018**, 4, 4122-4131	5.5	10
77	Preparation of dual-chamber microcapsule by Pickering emulsion for self-healing application with ultra-high healing efficiency. *Journal of Colloid and Interface Science*, **2021**, 600, 660-669	9.3	10

76	Photocurable Hyperbranched Polymer Medical Glue for Water-Resistant Bonding. *Biomacromolecules*, **2020**, 21, 5222-5232	6.9	9
75	Simultaneous voltammetric determination of epinephrine and acetaminophen using a highly sensitive CoAl-OOH/reduced graphene oxide sensor in pharmaceutical samples and biological fluids. *Materials Science and Engineering C*, **2021**, 119, 111557	8.3	9
74	Micelle-assisted synthesis of PANI nanoparticles and application as particulate emulsifier. *Colloid and Polymer Science*, **2014**, 292, 653-660	2.4	8
73	Formation of Vesicles from Amphiphilic Random Copolymers in Solution: A Dissipative Particle Dynamics Simulation Study. *Journal of Dispersion Science and Technology*, **2014**, 35, 494-500	1.5	8
72	Preparation of photo-sensitive poly(L-glutamic acid) nanoparticles and application for immobilizing hemoglobin on electrode. *Colloid and Polymer Science*, **2014**, 292, 2295-2302	2.4	8
71	Six-arm star-shaped polymer with cyclophosphazene core and poly(ε-caprolactone) arms as modifier of epoxy thermosets. *Journal of Applied Polymer Science*, **2017**, 134,	2.9	8
70	Dynamics of cyclodimerization and viscoelasticity of photo-crosslinkable PVA. *Journal of Polymer Science, Part B: Polymer Physics*, **2015**, 53, 345-355	2.6	8
69	Micelle-encapsulated multi-wall carbon nanotubes with photosensitive copolymer and its application in the detection of dopamine. *Colloid and Polymer Science*, **2014**, 292, 153-161	2.4	8
68	Preparation and characterization of carboxylterminated poly (butadiene-co-acrylonitrile) -epoxy resin prepolymers for fusion-bonded-epoxy powder coating. *Journal Wuhan University of Technology, Materials Science Edition*, **2012**, 27, 694-701	1	8
67	Effect of Salicylic Acid on the Mechanical Properties and Water Resistance of Soy Protein Isolate Films. *Polymers and Polymer Composites*, **2010**, 18, 197-203	0.8	8
66	Screen-Printed Carbon Electrodes Modified with Polymeric Nanoparticle-Carbon Nanotube Composites for Enzymatic Biosensing. *ACS Applied Nano Materials*, **2020**, 3, 9158-9166	5.6	8
65	Detecting changes in attitudes toward depression on Chinese social media: A text analysis. *Journal of Affective Disorders*, **2021**, 280, 354-363	6.6	8
64	Synthesis of fluorinated polycarbonate-based polyurethane acrylate for UV-curable coatings **2017**, 14, 233-241		7
63	Preparation and characterization of UV-curable copolymers containing alkali soluble carboxyl pendant for negative photoresist. *Polymer Science - Series B*, **2014**, 56, 855-862	0.8	7
62	Aqueous Dispersions of Carbon Nanotubes with Self-assembled Micelles of Photosensitive Amphiphilic Random Copolymer Containing Coumarin. *Chemistry Letters*, **2012**, 41, 50-52	1.7	7
61	Synthesis of double-hydrophilic poly(methylacrylic acid)–poly(ethylene glycol)–poly(methylacrylic acid) triblock copolymers and their micelle formation. *Polymer International*, **2011**, 60, 327-332	3.3	7
60	Reduced Graphene Oxide-Coated Silica Nanospheres as Flexible Enzymatic Biosensors for Detection of Glucose in Sweat. *ACS Applied Nano Materials*, **2021**, 4, 12442-12452	5.6	7
59	Polymeric nanoparticles-based multi-functional coatings on NiTi alloy with nickel ion release control, cytocompatibility, and antibacterial performance. *New Journal of Chemistry*, **2019**, 43, 1551-1561	3.6	6

58	Photo-Cross-Linked Polycarbonate Coating with Surface-Erosion Behavior for Corrosion Resistance and Cytocompatibility Enhancement of Magnesium Alloy.. *ACS Applied Bio Materials*, **2020**, 3, 4427-4435	4.1	6
57	A fabrication strategy for protein sensors based on an electroactive molecularly imprinted polymer: Cases of bovine serum albumin and trypsin sensing. *Analytica Chimica Acta*, **2020**, 1117, 25-34	6.6	6
56	Colloidal particle based electrodeposition coatings on NiTi alloy: Reduced releasing of nickel ions and improved biocompatibility. *Materials Letters*, **2018**, 230, 228-231	3.3	6
55	One-pot synthesis of branched alternating copolymers P(St-alt-MAn) via free radical polymerization in the presence of chain transfer monomer. *Polymer Bulletin*, **2013**, 70, 1795-1803	2.4	6
54	A Biodegradable Coating Based on Self-Assembled Hybrid Nanoparticles to Control the Performance of Magnesium. *Macromolecular Chemistry and Physics*, **2015**, 216, 1952-1962	2.6	6
53	One-pot synthesis of tetramethyl biphenyl backboned hyperbranched epoxy resin as an efficient toughening modifier for two epoxy curing systems. *Polymer Bulletin*, **2018**, 75, 4571-4586	2.4	5
52	Efficient Benzodioxole-based unimolecular photoinitiators: From synthesis to photopolymerization under UV-A and visible LED light irradiation. *Journal of Applied Polymer Science*, **2016**, 133, n/a-n/a	2.9	5
51	Synthesis of novel branched UV-curable methacrylate copolymer and its application in negative photoresist. *Polymer Bulletin*, **2015**, 72, 523-533	2.4	4
50	Thermal latent curing agent for epoxy resins from neutralization of 2-methylimidazole with a phosphazene-containing polyfunctional carboxylic acid. *Polymers for Advanced Technologies*, **2020**, 31, 1553-1561	3.2	4
49	Synthesis and properties of UV-curable hyperbranched polyurethane and its application in the negative-type photoresist. *Journal Wuhan University of Technology, Materials Science Edition*, **2014**, 29, 208-212	1	4
48	Synthesis of novel copolymer based on precipitation polymerization and its application in positive-tone photoresist. *Journal of Polymer Research*, **2017**, 24, 1	2.7	4
47	Novel partially bio-based fluorinated polyimides from dimer fatty diamine for UV-cured coating **2017**, 14, 1325-1334		4
46	Completely green synthesis of Ag nanoparticles stabilized by soy protein isolate under UV irradiation. *Journal Wuhan University of Technology, Materials Science Edition*, **2012**, 27, 852-856	1	4
45	Mechanically robust, creep-resistant, intrinsic antibacterial and reprocessable dynamic polyurethane networks based on azine moieties. *Materials Chemistry Frontiers*,	7.8	4
44	Preparation of photo-crosslinkable acrylic copolymer and its debonding property on silicon wafer. *Journal of Adhesion Science and Technology*,1-13	2	4
43	Understanding of intermolecular interaction in PVDF/PTW blends: Crystallization behavior, thermal, and dynamic mechanical properties. *Journal of Applied Polymer Science*, **2016**, 133,	2.9	4
42	Synthesis of chemically amplified photoresist polymer containing four (Meth)acrylate monomers via RAFT polymerization and its application for KrF lithography. *Journal of Polymer Research*, **2016**, 23, 1	2.7	4
41	Corrosion resistance of biodegradable Mg with a composite polymer coating. *Journal of Biomaterials Science, Polymer Edition*, **2016**, 27, 1763-1774	3.5	4

40	Noncovalent functionalization of carbon nanotubes using branched random copolymer for improvement of thermal conductivity and mechanical properties of epoxy thermosets. *Polymer International*, **2018**, 67, 1128-1136	3.3	4
39	Reactive particles from in situ silane-polycondensation-induced self-assembly of poly(styrene-alt-maleic anhydride) as toughener for epoxy resins. *Journal of Applied Polymer Science*, **2019**, 136, 47565	2.9	3
38	Synthesis of isocyanurate-based imidazole carboxylate as thermal latent curing accelerator for thermosetting epoxy resins. *Journal of Applied Polymer Science*, **2020**, 137, 49221	2.9	3
37	Novel Star Polymers as Chemically Amplified Positive-Tone Photoresists for KrF Lithography Applications. *Industrial & Engineering Chemistry Research*, **2018**, 57, 6790-6796	3.9	3
36	Photo-sensitive bio-based copolymer containing cholic acids: novel functional materials for 248nm photoresist. *Journal of Polymer Research*, **2018**, 25, 1	2.7	3
35	Photosensitive acrylate copolymer for electrodeposition photoresist. *Polymer Science - Series A*, **2013**, 55, 225-232	1.2	3
34	Design and synthesis of water-soluble photosensitive β-cyclodextrin and its application in dispersing carbon nanotubes. *Journal of Applied Polymer Science*, **2013**, 130, 2588-2593	2.9	3
33	A photosensitive copolymer for UV-curable electrodeposition coatings. *Journal Wuhan University of Technology, Materials Science Edition*, **2011**, 26, 1098-1102	1	3
32	Influence of ionic strength on gel-like Pickering emulsions stabilized by self-assembled colloidal nanoparticles containing lysozyme. *Colloid and Polymer Science*, **2020**, 298, 1249-1262	2.4	3
31	Second interfacial polymerization of thin-film composite hollow fibers with amine-cyclodextrins for pervaporation dehydration. *AICHE Journal*, **2021**, 67, e17144	3.6	3
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