

# Sheng Xu

## List of Publications by Year in descending order

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188  
papers

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6725  
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#	ARTICLE	IF	CITATIONS
1	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.	6.7	214
2	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.	10.3	135
3	Double Recognition and Selective Extraction of Glycoprotein Based on the Molecular Imprinted Graphene Oxide and Boronate Affinity. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 7735-7744.	8.0	131
4	Extremely deep photopolymerization using upconversion particles as internal lamps. <i>Polymer Chemistry</i> , 2016, 7, 2457-2463.	3.9	116
5	UV-Curable Coatings from Multiarmed Cardanol-Based Acrylate Oligomers. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 1313-1320.	6.7	114
6	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.	3.1	110
7	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.	12.4	104
8	Glucose sensors based on electrodeposition of molecularly imprinted polymeric micelles: A novel strategy for MIP sensors. <i>Biosensors and Bioelectronics</i> , 2011, 26, 2607-2612.	10.1	96
9	In situ green synthesis of Au nanoparticles onto polydopamine-functionalized graphene for catalytic reduction of nitrophenol. <i>RSC Advances</i> , 2014, 4, 64816-64824.	3.6	95
10	Efficient Toughening of Epoxy-Anhydride Thermosets with a Biobased Tannic Acid Derivative. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 596-603.	6.7	80
11	All cellulose composites based on cellulose diacetate and nanofibrillated cellulose prepared by alkali treatment. <i>Carbohydrate Polymers</i> , 2018, 179, 297-304.	10.2	80
12	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.	10.3	79
13	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, 315-322.	9.4	76
14	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.	5.0	76
15	Micelles and Hollow Nanospheres Based on $\epsilon$ -Caprolactone-Containing Polymers in Aqueous Media The National Natural Science Foundation of China (NNSFC, Nos. 29992590 and 50173006) and Ministry of Education of China is acknowledged for supporting this research.. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2950.	13.8	75
16	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.	6.7	73
17	A novel electrochemical sensor for paracetamol based on molecularly imprinted polymeric micelles. <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 909-916.	7.8	72
18	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.	7.3	71

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19	Synthesis of Temperature/pH Dual-Stimuli-Response Multicompartmental Microcapsules via Pickering Emulsion for Preprogrammable Payload Release. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 4821-4832.	8.0	68
20	Versatile Surface Modification of TFC Membrane by Layer-by-Layer Assembly of Phytic Acid-Metal Complexes for Comprehensively Enhanced FO Performance. <i>Environmental Science &amp; Technology</i> , 2019, 53, 3331-3341.	10.0	64
21	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.	10.1	63
22	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.	2.3	62
23	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.	5.4	61
24	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.	10.1	60
25	Synthesis of Water-Dispersible Molecularly Imprinted Electroactive Nanoparticles for the Sensitive and Selective Paracetamol Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 21028-21038.	8.0	57
26	Synthesis of New Biobased Antibacterial Methacrylates Derived from Tannic Acid and Their Application in UV-Cured Coatings. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 10835-10840.	3.7	56
27	Molecularly imprinted polymeric nanoparticles decorated with Au NPs for highly sensitive and selective glucose detection. <i>Biosensors and Bioelectronics</i> , 2018, 100, 497-503.	10.1	56
28	Electrophoretic deposition of colloidal particles on Mg with cytocompatibility, antibacterial performance, and corrosion resistance. <i>Acta Biomaterialia</i> , 2016, 45, 387-398.	8.3	53
29	A facile approach for imprinting protein on the surface of multi-walled carbon nanotubes. <i>Talanta</i> , 2014, 120, 76-83.	5.5	52
30	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.	5.0	47
31	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.	7.8	47
32	Cardanol-based oligomers with a hard core, flexible shell structures: from synthesis to UV curing applications. <i>Green Chemistry</i> , 2015, 17, 3319-3325.	9.0	46
33	Molecularly imprinted photo-sensitive polyglutamic acid nanoparticles for electrochemical sensing of hemoglobin. <i>Mikrochimica Acta</i> , 2015, 182, 175-183.	5.0	44
34	Necklace-like Molecularly Imprinted Nanohybrids Based on Polymeric Nanoparticles Decorated Multiwalled Carbon Nanotubes for Highly Sensitive and Selective Melamine Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 24850-24859.	8.0	44
35	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.	9.4	42
36	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.	5.0	41

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37	Thioxanthone acetic acid ammonium salts: highly efficient photobase generators based on photodecarboxylation. RSC Advances, 2015, 5, 53342-53348.	3.6	39
38	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, 422-431.	10.2	38
39	Waterborne UV-curable polycarbonate polyurethane nanocomposites based on polydimethylsiloxane and colloidal silica with enhanced mechanical and surface properties. RSC Advances, 2014, 4, 30938.	3.6	37
40	One-step formation of multiple Pickering emulsions stabilized by self-assembled poly(dodecyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	2.7	37
41	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.	10.1	37
42	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.	5.0	36
43	Hyperbranched epoxy resin-grafted graphene oxide for efficient and all-purpose epoxy resin modification. Journal of Colloid and Interface Science, 2022, 611, 105-117.	9.4	36
44	Cross-linked micelles of graftlike block copolymer bearing biodegradable $\mu$ -caprolactone branches: a novel delivery carrier for paclitaxel. Journal of Materials Chemistry, 2012, 22, 373-380.	6.7	35
45	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.	4.7	35
46	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.	10.1	35
47	Influence of Photo-Cross-Linking on Emulsifying Performance of the Self-Assemblies of Poly(7-(4-vinylbenzyloxy)-4-methylcoumarin- $\langle i \rangle \langle /i \rangle$ -acrylic acid). Langmuir, 2014, 30, 6669-6677.	3.5	34
48	Layer-by-layer assembled ionic-liquid functionalized grapheneâ€“polyaniline nanocomposite with enhanced electrochemical sensing properties. Journal of Materials Chemistry C, 2014, 2, 4818.	5.5	34
49	Tannic Acid as a Bio-Based Modifier of Epoxy/Anhydride Thermosets. Polymers, 2016, 8, 314.	4.5	34
50	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.	3.6	33
51	Humidity sensor fabricated by inkjet-printing photosensitive conductive inks PEDOT:PVMA on a paper substrate. RSC Advances, 2016, 6, 47498-47508.	3.6	32
52	Tannic acid stabilized silver nanoparticles for inkjet printing of conductive flexible electronics. RSC Advances, 2016, 6, 83720-83729.	3.6	32
53	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.	5.8	32
54	Celluloseâ€“nanowhiskerâ€“templated synthesis of titanium dioxide/cellulose nanomaterials with promising photocatalytic abilities. Journal of Applied Polymer Science, 2012, 126, E282.	2.6	31

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55	Self-assembly and emulsification of dopamine-modified hyaluronan. Carbohydrate Polymers, 2015, 123, 72-79.	10.2	30
56	Bio-based epoxy-anhydride thermosets from six-armed linoleic acid-derived epoxy resin. RSC Advances, 2016, 6, 52549-52555.	3.6	30
57	Efficient unimolecular photoinitiators for simultaneous hybrid thiol-epoxy photopolymerization under visible LED light irradiation. Polymer Chemistry, 2017, 8, 1579-1588.	3.9	29
58	Silver Nanoparticle-Enzyme Composite Films for Hydrogen Peroxide Detection. ACS Applied Nano Materials, 2019, 2, 5910-5921.	5.0	29
59	Green Synthesis of Water-Compatible Fluorescent Molecularly Imprinted Polymeric Nanoparticles for Efficient Detection of Paracetamol. ACS Sustainable Chemistry and Engineering, 2018, 6, 9760-9770.	6.7	28
60	ZIF-8 membrane synthesized via covalent-assisted seeding on polyimide substrate for pervaporation dehydration. AIChE Journal, 2019, 65, e16620.	3.6	28
61	Graft polymerization of styrene on soy protein isolate. Journal of Applied Polymer Science, 2005, 98, 1457-1461.	2.6	27
62	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.	4.9	27
63	Three-dimensional Ag-tannic acid-graphene as an antibacterial material. New Journal of Chemistry, 2016, 40, 6332-6339.	2.8	27
64	Mechanical and water barrier properties of soy protein isolate film incorporated with gelatin. Journal of Plastic Film and Sheeting, 2013, 29, 174-188.	2.2	26
65	Properties and pervaporation performance of poly(vinyl alcohol) membranes crosslinked with various dianhydrides. Journal of Applied Polymer Science, 2018, 135, 46159.	2.6	26
66	Detecting changes in attitudes toward depression on Chinese social media: A text analysis. Journal of Affective Disorders, 2021, 280, 354-363.	4.1	26
67	Molecularly imprinted nanohybrids based on dopamine-modified poly(L-glutamic acid) for electrochemical sensing of melamine. Biosensors and Bioelectronics, 2016, 85, 381-386.	10.1	25
68	Two-Sided Surface Oxidized Cellulose Membranes Modified with PEI: Preparation, Characterization and Application for Dyes Removal. Polymers, 2017, 9, 455.	4.5	25
69	Hierarchical OD-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.	10.1	25
70	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.	2.1	24
71	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, .	2.6	24
72	Reduced Graphene Oxide-Coated Silica Nanospheres as Flexible Enzymatic Biosensors for Detection of Glucose in Sweat. ACS Applied Nano Materials, 2021, 4, 12442-12452.	5.0	24

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73	Synthesis of pH-responsive photocrosslinked hyaluronic acid-based hydrogels for drug delivery. Journal of Polymer Science Part A, 2012, 50, 3507-3516.	2.3	23
74	Paracetamol Sensor Based on Molecular Imprinting by Photosensitive Polymers. Electroanalysis, 2013, 25, 1907-1916.	2.9	23
75	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.	10.3	23
76	One-Step Electrodeposition of Self-Assembled Colloidal Particles: A Novel Strategy for Biomedical Coating. Langmuir, 2014, 30, 11002-11010.	3.5	22
77	Stiff Self-Healing Coating Based on UV-Curable Polyurethane with a "Hard Core, Flexible Arm" Structure. ACS Omega, 2018, 3, 11128-11135.	3.5	22
78	Removal of a Cationic Dye by Adsorption/Photodegradation Using Electrospun PAN/O-MMT Composite Nanofibrous Membranes Coated with TiO <sub>2</sub> . International Journal of Photoenergy, 2012, 2012, 1-8.	2.5	21
79	Photoresponsive water-dispersible polyaniline nanoparticles through template synthesis with copolymer micelle containing coumarin groups. Journal of Polymer Science Part A, 2012, 50, 4037-4045.	2.3	21
80	Layer-by-layer inkjet printing SPS:PEDOT NP/RGO composite film for flexible humidity sensors. RSC Advances, 2016, 6, 113298-113306.	3.6	21
81	Liquid Marbles Stabilized by Fluorine-Bearing Cyclomatrix Polyphosphazene Particles and Their Application as High-Efficiency Miniature Reactors. Langmuir, 2016, 32, 1707-1715.	3.5	20
82	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.	7.3	20
83	Bismaleimide/Phenolic/Epoxy Ternary Resin System for Molding Compounds in High-Temperature Electronic Packaging Applications. Industrial & Engineering Chemistry Research, 2022, 61, 4191-4201.	3.7	20
84	One-pot green synthesis of nanohybrid structures: gold nanoparticles in poly(L-glutamic acid) copolymer nanoparticles. RSC Advances, 2014, 4, 25106.	3.6	19
85	Reactive copolymer functionalized graphene sheet for enhanced mechanical and thermal properties of epoxy composites. Journal of Polymer Science Part A, 2015, 53, 2776-2785.	2.3	19
86	Effect of chain microstructure on self-assembly and emulsification of amphiphilic poly(acrylic) Tj ETQq0 0 0 rgBT /Oyerlock 10 Tf 50 222	2.8	19
87	Self-assembled micelles based on branched poly(styrene-alt-maleic anhydride) as particulate emulsifiers. RSC Advances, 2015, 5, 1564-1570.	3.6	18
88	Preparation and Application of Water-in-Oil Emulsions Stabilized by Modified Graphene Oxide. Materials, 2016, 9, 731.	2.9	18
89	Hydrophobic, transparent waterborne UV-curable polyurethane nanocomposites based on polycarbonate and PCL-PDMS-PCL reinforced with colloidal silica. Journal of Coatings Technology Research, 2016, 13, 1021-1033.	2.5	18
90	Preparation of silver nanoparticles with hyperbranched polymers as a stabilizer for inkjet printing of flexible circuits. New Journal of Chemistry, 2019, 43, 2797-2803.	2.8	18

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91	A Temperature-Responsive Boronate Core Cross-Linked Star (CCS) Polymer for Fast and Highly Efficient Enrichment of Glycoproteins. <i>Small</i> , 2019, 15, e1900099.	10.0	18
92	Synthesis of Polyaniline@MnO <sub>2</sub> /Graphene Ternary Hybrid Hollow Spheres via Pickering Emulsion Polymerization for Electrochemical Supercapacitors. <i>ACS Applied Energy Materials</i> , 2021, 4, 7721-7730.	5.1	18
93	Graft copolymerization of soybean protein isolate and methacrylic acid. <i>Journal of Applied Polymer Science</i> , 2006, 102, 4023-4029.	2.6	17
94	Preparation of surface self-concentration and contact-killing antibacterial coating through UV curing. <i>RSC Advances</i> , 2015, 5, 34199-34205.	3.6	17
95	Synthesis of UV-curable polycarbonate diols (PCDL)-based polyurethane acrylate for negative photoresist. <i>Polymer Bulletin</i> , 2016, 73, 647-659.	3.3	17
96	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.	6.7	17
97	Ternary cross-linked PVA-APTES-ZIF-90 membrane for enhanced ethanol dehydration performance. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 91-103.	21.1	17
98	Pickering emulsions stabilized by composite nanoparticles prepared from lysozyme and dopamine modified poly (l <sup>3</sup> -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.	3.6	16
99	Facile Synthesis of Hyperbranched Polymers by Sequential Polycondensation. <i>ACS Macro Letters</i> , 2018, 7, 778-782.	4.8	16
100	"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.	6.7	16
101	Photocurable Hyperbranched Polymer Medical Glue for Water-Resistant Bonding. <i>Biomacromolecules</i> , 2020, 21, 5222-5232.	5.4	16
102	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.	5.4	16
103	Second interfacial polymerization of thin film composite hollow fibers with amine-cyclodextrin for pervaporation dehydration. <i>AIChE Journal</i> , 2021, 67, e17144.	3.6	16
104	Multiwalled carbon nanotubes noncovalently functionalized by electro-active amphiphilic copolymer micelles for selective dopamine detection. <i>RSC Advances</i> , 2015, 5, 18233-18241.	3.6	15
105	Liquid-liquid interfacial behavior of dopamine modified poly(l <sup>3</sup> -glutamic acid) polymer. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 470, 218-223.	4.7	15
106	Formation of bowl-shaped nanoparticles by self-assembly of cinnamic acid-modified dextran. <i>Carbohydrate Polymers</i> , 2015, 133, 637-643.	10.2	15
107	Preparation of amino-functionalized regenerated cellulose membranes with high catalytic activity. <i>International Journal of Biological Macromolecules</i> , 2017, 102, 944-951.	7.5	15
108	Silyl-based initiators for two-photon polymerization: from facile synthesis to quantitative structure-activity relationship analysis. <i>Polymer Chemistry</i> , 2017, 8, 6644-6653.	3.9	15



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109	Fluorescent molecularly imprinted nanoparticles with boronate affinity for selective glycoprotein detection. <i>Journal of Materials Chemistry B</i> , 2020, 8, 6469-6480.	5.8	15
110	Highly flexible, transparent cellulose composite films used in UV imprint lithography. <i>Cellulose</i> , 2013, 20, 907-918.	4.9	14
111	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.	4.6	14
112	Robust Damage-Reporting Strategy Enabled by Dual-Compartment Microcapsules. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 14518-14529.	8.0	14
113	Carbanion as a Superbase for Catalyzing Thiol-Epoxy Photopolymerization. <i>Polymers</i> , 2017, 9, 400.	4.5	13
114	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.	5.2	13
115	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.	4.7	13
116	Screen-Printed Carbon Electrodes Modified with Polymeric Nanoparticle-Carbon Nanotube Composites for Enzymatic Biosensing. <i>ACS Applied Nano Materials</i> , 2020, 3, 9158-9166.	5.0	13
117	Fabrication of dual anti-corrosive polyaniline microcapsules via Pickering emulsion for active corrosion protection of steel. <i>Soft Matter</i> , 2022, 18, 2829-2841.	2.7	13
118	Studies on Preparation and Fluorescent Properties of a Novel Photosensitive Nanoparticle Composed of Europium Ion and Cinnamic Acid Derivative. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 2063-2069.	2.2	12
119	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.	2.4	12
120	Six-arm star-shaped polymer with cyclophosphazene core and poly( $\epsilon$ -caprolactone) arms as modifier of epoxy thermosets. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	11
121	Electrochemical Sensor Coating Based on Electrophoretic Deposition of Au-Doped Self-Assembled Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 5926-5932.	8.0	11
122	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.	2.1	11
123	A molecularly imprinted biosensor based on water-compatible and electroactive polymeric nanoparticles for lysozyme detection. <i>Talanta</i> , 2022, 236, 122891.	5.5	11
124	Facile fabrication of biodegradable endothelium-mimicking coatings on bioabsorbable zinc-alloy stents by one-step electrophoretic deposition. <i>Journal of Materials Chemistry B</i> , 2022, 10, 3083-3096.	5.8	11
125	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.	3.7	10
126	Novel partially bio-based fluorinated polyimides from dimer fatty diamine for UV-cured coating. <i>Journal of Coatings Technology Research</i> , 2017, 14, 1325-1334.	2.5	10



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127	Synthesis of fluorinated polycarbonate-based polyurethane acrylate for UV-curable coatings. Journal of Coatings Technology Research, 2017, 14, 233-241.	2.5	10
128	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.	2.8	10
129	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	10
130	Preparation of photo-crosslinkable acrylic copolymer and its debonding property on silicon wafer. Journal of Adhesion Science and Technology, 2022, 36, 424-436.	2.6	10
131	Mechanically robust, creep-resistant, intrinsic antibacterial and reprocessable dynamic polyurethane networks based on azine moieties. Materials Chemistry Frontiers, 2022, 6, 503-511.	5.9	10
132	Micelle-assisted synthesis of PANI nanoparticles and application as particulate emulsifier. Colloid and Polymer Science, 2014, 292, 653-660.	2.1	9
133	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.	2.4	9
134	Preparation of photo-sensitive poly(L-glutamic acid) nanoparticles and application for immobilizing hemoglobin on electrode. Colloid and Polymer Science, 2014, 292, 2295-2302.	2.1	9
135	Dynamics of cyclodimerization and viscoelasticity of photo-crosslinkable PVA. Journal of Polymer Science, Part B: Polymer Physics, 2015, 53, 345-355.	2.1	9
136	Colloidal particle based electrodeposition coatings on NiTi alloy: Reduced releasing of nickel ions and improved biocompatibility. Materials Letters, 2018, 230, 228-231.	2.6	9
137	Effect of Salicylic Acid on the Mechanical Properties and Water Resistance of Soy Protein Isolate Films. Polymers and Polymer Composites, 2010, 18, 197-203.	1.9	8
138	Synthesis of double-hydrophilic poly(methylacrylic acid)-poly(ethylene glycol)-poly(methylacrylic acid) triblock copolymer. Journal of Polymer Science: Part A: Polymer Chemistry, 2000, 38, 1000-1006.	3.1	8
139	Preparation and characterization of carboxyl-terminated 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.	1.0	8
140	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	8
141	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.	2.1	8
142	A Biodegradable Coating Based on Self-Assembled Hybrid Nanoparticles to Control the Performance of Magnesium. Macromolecular Chemistry and Physics, 2015, 216, 1952-1962.	2.2	8
143	Synthesis of novel branched UV-curable methacrylate copolymer and its application in negative photoresist. Polymer Bulletin, 2015, 72, 523-533.	3.3	8
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