

Sheng Xu

List of Publications by Year in descending order

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188
papers

5,103
citations

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docs citations

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times ranked

6725
citing authors

#	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 & 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- <i>alt</i> -MAn)-co-P(VM- <i>alt</i> -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 ϵ -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 & 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 & 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 & 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 & 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 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 & 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. <i>RSC Advances</i> , 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. <i>Carbohydrate Polymers</i> , 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. <i>RSC Advances</i> , 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. <i>Biosensors and Bioelectronics</i> , 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. <i>Mikrochimica Acta</i> , 2017, 184, 1739-1745.	5.0	36
43	Hyperbranched epoxy resin-grafted graphene oxide for efficient and all-purpose epoxy resin modification. <i>Journal of Colloid and Interface Science</i> , 2022, 611, 105-117.	9.4	36
44	Cross-linked micelles of graftlike block copolymer bearing biodegradable μ -caprolactone branches: a novel delivery carrier for paclitaxel. <i>Journal of Materials Chemistry</i> , 2012, 22, 373-380.	6.7	35
45	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.	4.7	35
46	Water-dispersible molecularly imprinted nano hybrids 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.	10.1	35
47	Influence of Photo-Cross-Linking on Emulsifying Performance of the Self-Assemblies of Poly(7-(4-vinylbenzyloxy)-4-methylcoumarin- <i>co</i> - <i>l</i> -acrylic acid). <i>Langmuir</i> , 2014, 30, 6669-6677.	3.5	34
48	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.	5.5	34
49	Tannic Acid as a Bio-Based Modifier of Epoxy/Anhydride Thermosets. <i>Polymers</i> , 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. <i>RSC Advances</i> , 2013, 3, 17866.	3.6	33
51	Humidity sensor fabricated by inkjet-printing photosensitive conductive inks PEDOT:PVMA on a paper substrate. <i>RSC Advances</i> , 2016, 6, 47498-47508.	3.6	32
52	Tannic acid stabilized silver nanoparticles for inkjet printing of conductive flexible electronics. <i>RSC Advances</i> , 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. <i>Journal of Materials Chemistry B</i> , 2019, 7, 2311-2319.	5.8	32
54	Cellulose-nanowisker-templated synthesis of titanium dioxide/cellulose nanomaterials with promising photocatalytic abilities. <i>Journal of Applied Polymer Science</i> , 2012, 126, E282.	2.6	31

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55	Self-assembly and emulsification of dopamine-modified hyaluronan. <i>Carbohydrate Polymers</i> , 2015, 123, 72-79.	10.2	30
56	Bio-based epoxy-anhydride thermosets from six-armed linoleic acid-derived epoxy resin. <i>RSC Advances</i> , 2016, 6, 52549-52555.	3.6	30
57	Efficient unimolecular photoinitiators for simultaneous hybrid thiol-ene epoxy photopolymerization under visible LED light irradiation. <i>Polymer Chemistry</i> , 2017, 8, 1579-1588.	3.9	29
58	Silver Nanoparticle-Enzyme Composite Films for Hydrogen Peroxide Detection. <i>ACS Applied Nano Materials</i> , 2019, 2, 5910-5921.	5.0	29
59	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.	6.7	28
60	ZIF-8 membrane synthesized via covalent-assisted seeding on polyimide substrate for pervaporation dehydration. <i>AIChE Journal</i> , 2019, 65, e16620.	3.6	28
61	Graft polymerization of styrene on soy protein isolate. <i>Journal of Applied Polymer Science</i> , 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. <i>Cellulose</i> , 2015, 22, 3877-3894.	4.9	27
63	Three-dimensional Ag-tannic acid-graphene as an antibacterial material. <i>New Journal of Chemistry</i> , 2016, 40, 6332-6339.	2.8	27
64	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.	2.2	26
65	Properties and pervaporation performance of poly(vinyl alcohol) membranes crosslinked with various dianhydrides. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46159.	2.6	26
66	Detecting changes in attitudes toward depression on Chinese social media: A text analysis. <i>Journal of Affective Disorders</i> , 2021, 280, 354-363.	4.1	26
67	Molecularly imprinted nanohybrids based on dopamine-modified poly(β -glutamic acid) for electrochemical sensing of melamine. <i>Biosensors and Bioelectronics</i> , 2016, 85, 381-386.	10.1	25
68	Two-Sided Surface Oxidized Cellulose Membranes Modified with PEI: Preparation, Characterization and Application for Dyes Removal. <i>Polymers</i> , 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. <i>Biosensors and Bioelectronics</i> , 2020, 156, 112134.	10.1	25
70	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.	2.1	24
71	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, .	2.6	24
72	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.	5.0	24

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73	Synthesis of pH-responsive photocrosslinked hyaluronic acid-based hydrogels for drug delivery. <i>Journal of Polymer Science Part A</i> , 2012, 50, 3507-3516.	2.3	23
74	Paracetamol Sensor Based on Molecular Imprinting by Photosensitive Polymers. <i>Electroanalysis</i> , 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. <i>Journal of Materials Chemistry A</i> , 2014, 2, 14481-14492.	10.3	23
76	One-Step Electrodeposition of Self-Assembled Colloidal Particles: A Novel Strategy for Biomedical Coating. <i>Langmuir</i> , 2014, 30, 11002-11010.	3.5	22
77	Stiff Self-Healing Coating Based on UV-Curable Polyurethane with a "Hard Core, Flexible Arm" Structure. <i>ACS Omega</i> , 2018, 3, 11128-11135.	3.5	22
78	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.	2.5	21
79	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.	2.3	21
80	Layer-by-layer inkjet printing SPS:PEDOT NP/RGO composite film for flexible humidity sensors. <i>RSC Advances</i> , 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. <i>Langmuir</i> , 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. <i>Materials Science and Engineering C</i> , 2021, 119, 111557.	7.3	20
83	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.	3.7	20
84	One-pot green synthesis of nanohybrid structures: gold nanoparticles in poly(¹³ C-glutamic acid) copolymer nanoparticles. <i>RSC Advances</i> , 2014, 4, 25106.	3.6	19
85	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.	2.3	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. <i>RSC Advances</i> , 2015, 5, 1564-1570.	3.6	18
88	Preparation and Application of Water-in-Oil Emulsions Stabilized by Modified Graphene Oxide. <i>Materials</i> , 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. <i>Journal of Coatings Technology Research</i> , 2016, 13, 1021-1033.	2.5	18
90	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.	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 ₂ /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 -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 -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 & 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 Photo-Sensitive 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(ϵ -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 & 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. <i>Journal of Coatings Technology Research</i> , 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. <i>New Journal of Chemistry</i> , 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. <i>Polymers for Advanced Technologies</i> , 2020, 31, 1553-1561.	3.2	10
130	Preparation of photo-crosslinkable acrylic copolymer and its debonding property on silicon wafer. <i>Journal of Adhesion Science and Technology</i> , 2022, 36, 424-436.	2.6	10
131	Mechanically robust, creep-resistant, intrinsic antibacterial and reprocessable dynamic polyurethane networks based on azine moieties. <i>Materials Chemistry Frontiers</i> , 2022, 6, 503-511.	5.9	10
132	Micelle-assisted synthesis of PANI nanoparticles and application as particulate emulsifier. <i>Colloid and Polymer Science</i> , 2014, 292, 653-660.	2.1	9
133	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.	2.4	9
134	Preparation of photo-sensitive poly(β -glutamic acid) nanoparticles and application for immobilizing hemoglobin on electrode. <i>Colloid and Polymer Science</i> , 2014, 292, 2295-2302.	2.1	9
135	Dynamics of cyclodimerization and viscoelasticity of photo-crosslinkable PVA. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2015, 53, 345-355.	2.1	9
136	Colloidal particle based electrodeposition coatings on NiTi alloy: Reduced releasing of nickel ions and improved biocompatibility. <i>Materials Letters</i> , 2018, 230, 228-231.	2.6	9
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