

Chunsheng Xiao

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149
papers

5,583
citations

45
h-index

70
g-index

165
ext. papers

6,457
ext. citations

7.1
avg. IF

5.96
L-index

#	Paper	IF	Citations
149	Electrospun polymer biomaterials. <i>Progress in Polymer Science</i> , 2019 , 90, 1-34	29.6	303
148	Reactive Oxygen Species (ROS) Responsive Polymers for Biomedical Applications. <i>Macromolecular Bioscience</i> , 2016 , 16, 635-46	5.5	210
147	One-step preparation of reduction-responsive poly(ethylene glycol)-poly(amino acid)s nanogels as efficient intracellular drug delivery platforms. <i>Polymer Chemistry</i> , 2011 , 2, 2857	4.9	195
146	Injectable glycopolyptide hydrogels as biomimetic scaffolds for cartilage tissue engineering. <i>Biomaterials</i> , 2015 , 51, 238-249	15.6	172
145	Facile Synthesis of Glycopolypeptides by Combination of Ring-Opening Polymerization of an Alkyne-Substituted N-carboxyanhydride and Click "Glycosylation". <i>Macromolecular Rapid Communications</i> , 2010 , 31, 991-7	4.8	142
144	Noncovalent interaction-assisted polymeric micelles for controlled drug delivery. <i>Chemical Communications</i> , 2014 , 50, 11274-90	5.8	139
143	Synthesis of biodegradable thermo- and pH-responsive hydrogels for controlled drug release. <i>Polymer</i> , 2009 , 50, 4308-4316	3.9	134
142	Biocompatible reduction-responsive polypeptide micelles as nanocarriers for enhanced chemotherapy efficacy in vitro. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 69-81	7.3	127
141	Preparation of photo-cross-linked pH-responsive polypeptide nanogels as potential carriers for controlled drug delivery. <i>Journal of Materials Chemistry</i> , 2011 , 21, 11383		125
140	Intracellular microenvironment responsive PEGylated polypeptide nanogels with ionizable cores for efficient doxorubicin loading and triggered release. <i>Journal of Materials Chemistry</i> , 2012 , 22, 14168		121
139	Disulfide crosslinked PEGylated starch micelles as efficient intracellular drug delivery platforms. <i>Soft Matter</i> , 2013 , 9, 2224	3.6	110
138	Versatile preparation of intracellular-acidity-sensitive oxime-linked polysaccharide-doxorubicin conjugate for malignancy therapeutic. <i>Biomaterials</i> , 2015 , 54, 72-86	15.6	108
137	Biodegradable pH-responsive polyacrylic acid derivative hydrogels with tunable swelling behavior for oral delivery of insulin. <i>Polymer</i> , 2013 , 54, 1786-1793	3.9	104
136	Self-reinforced endocytoses of smart polypeptide nanogels for "on-demand" drug delivery. <i>Journal of Controlled Release</i> , 2013 , 172, 444-55	11.7	101
135	pH- and thermo-responsive poly(N-isopropylacrylamide-co-acrylic acid derivative) copolymers and hydrogels with LCST dependent on pH and alkyl side groups. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 5578-5587	7.3	98
134	Thermosensitive hydrogels based on polypeptides for localized and sustained delivery of anticancer drugs. <i>Biomaterials</i> , 2013 , 34, 10338-47	15.6	93
133	Kinetics and Mechanism of 2-Ethoxy-2-oxo-1,3,2-dioxaphospholane Polymerization Initiated by Stannous Octoate. <i>Macromolecules</i> , 2006 , 39, 6825-6831	5.5	92

132	Synthesis of thermal and oxidation dual responsive polymers for reactive oxygen species (ROS)-triggered drug release. <i>Polymer Chemistry</i> , 2015 , 6, 738-747	4.9	88
131	Decisive role of hydrophobic side groups of polypeptides in thermosensitive gelation. <i>Biomacromolecules</i> , 2012 , 13, 2053-9	6.9	88
130	A glutathione-responsive sulfur dioxide polymer prodrug as a nanocarrier for combating drug-resistance in cancer chemotherapy. <i>Biomaterials</i> , 2018 , 178, 706-719	15.6	87
129	Glucose-sensitive polypeptide micelles for self-regulated insulin release at physiological pH. <i>Journal of Materials Chemistry</i> , 2012 , 22, 12319		84
128	Intracellular pH-sensitive supramolecular amphiphiles based on host-guest recognition between benzimidazole and β -cyclodextrin as potential drug delivery vehicles. <i>Polymer Chemistry</i> , 2013 , 4, 3265	4.9	83
127	Versatile synthesis of temperature-sensitive polypeptides by click grafting of oligo(ethylene glycol). <i>Polymer Chemistry</i> , 2011 , 2, 2627	4.9	79
126	Efficacious hepatoma-targeted nanomedicine self-assembled from galactopeptide and doxorubicin driven by two-stage physical interactions. <i>Journal of Controlled Release</i> , 2013 , 169, 193-203	11.7	76
125	Synthesis and micellization of amphiphilic brush-coil block copolymer based on poly(epsilon-caprolactone) and PEGylated polyphosphoester. <i>Biomacromolecules</i> , 2006 , 7, 1898-903	6.9	76
124	Glucose-sensitive polymer nanoparticles for self-regulated drug delivery. <i>Chemical Communications</i> , 2016 , 52, 7633-52	5.8	72
123	Polyion complex micelles with gradient pH-sensitivity for adjustable intracellular drug delivery. <i>Polymer Chemistry</i> , 2015 , 6, 397-405	4.9	69
122	Poly(L-glutamic acid) grafted with oligo(2-(2-(2-methoxyethoxy)ethoxy)ethyl methacrylate): Thermal phase transition, secondary structure, and self-assembly. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 2665-2676	2.5	69
121	Preclinical evaluation of antitumor activity of acid-sensitive PEGylated doxorubicin. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 21202-14	9.5	68
120	Highly efficient "grafting from" a helical polypeptide backbone by atom transfer radical polymerization. <i>Macromolecular Bioscience</i> , 2011 , 11, 192-8	5.5	66
119	From Antimicrobial Peptides to Antimicrobial Poly(amino acid)s. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1800354	10.1	61
118	Thermo-responsive hairy-rod polypeptides for smart antitumor drug delivery. <i>Polymer Chemistry</i> , 2013 , 4, 3345	4.9	60
117	One-Step "Click Chemistry"-Synthesized Cross-Linked Prodrug Nanogel for Highly Selective Intracellular Drug Delivery and Upregulated Antitumor Efficacy. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 10673-82	9.5	59
116	Facile preparation of a cationic poly(amino acid) vesicle for potential drug and gene co-delivery. <i>Nanotechnology</i> , 2011 , 22, 494012	3.4	57
115	Versatile biofunctionalization of polypeptide-based thermosensitive hydrogels via click chemistry. <i>Biomacromolecules</i> , 2013 , 14, 468-75	6.9	56

114	Ugi Reaction of Natural Amino Acids: A General Route toward Facile Synthesis of Polypeptoids for Bioapplications. <i>ACS Macro Letters</i> , 2016 , 5, 1049-1054	6.6	55
113	Facile one-pot synthesis of glucose-sensitive nanogel via thiol-ene click chemistry for self-regulated drug delivery. <i>Acta Biomaterialia</i> , 2013 , 9, 6535-43	10.8	55
112	Co-delivery of 10-hydroxycamptothecin with doxorubicin conjugated prodrugs for enhanced anticancer efficacy. <i>Macromolecular Bioscience</i> , 2013 , 13, 584-94	5.5	55
111	Synthesis of amphiphilic alternating polyesters with oligo(ethylene glycol) side chains and potential use for sustained release drug delivery. <i>Biomacromolecules</i> , 2011 , 12, 2466-74	6.9	55
110	Acid-labile boronate-bridged dextran-bortezomib conjugate with up-regulated hypoxic tumor suppression. <i>Chemical Communications</i> , 2015 , 51, 6812-5	5.8	51
109	Redox-sensitive shell-crosslinked polypeptide-block-polysaccharide micelles for efficient intracellular anticancer drug delivery. <i>Macromolecular Bioscience</i> , 2013 , 13, 1249-58	5.5	51
108	Reduction-responsive cross-linked micelles based on PEGylated polypeptides prepared via click chemistry. <i>Polymer Chemistry</i> , 2013 , 4, 3851	4.9	50
107	Thermosensitive Polypeptide Hydrogels as a Platform for ROS-Triggered Cargo Release with Innate Cytoprotective Ability under Oxidative Stress. <i>Advanced Healthcare Materials</i> , 2016 , 5, 1979-90	10.1	49
106	Core-cross-linked micellar nanoparticles from a linear-dendritic prodrug for dual-responsive drug delivery. <i>Polymer Chemistry</i> , 2014 , 5, 2801-2808	4.9	48
105	A Multistage Cooperative Nanoplatfrom Enables Intracellular Co-Delivery of Proteins and Chemotherapeutics for Cancer Therapy. <i>Advanced Materials</i> , 2020 , 32, e2000013	24	48
104	Competitive binding-accelerated insulin release from a polypeptide nanogel for potential therapy of diabetes. <i>Polymer Chemistry</i> , 2015 , 6, 3807-3815	4.9	45
103	Injectable Polypeptide Hydrogel as Biomimetic Scaffolds with Tunable Bioactivity and Controllable Cell Adhesion. <i>Biomacromolecules</i> , 2017 , 18, 1411-1418	6.9	43
102	Core cross-linked poly(ethylene glycol)-graft-Dextran nanoparticles for reduction and pH dual responsive intracellular drug delivery. <i>Journal of Colloid and Interface Science</i> , 2017 , 496, 201-210	9.3	40
101	New bio-renewable polyester with rich side amino groups from L-lysine via controlled ring-opening polymerization. <i>Polymer Chemistry</i> , 2014 , 5, 6495-6502	4.9	38
100	Synthesis of a phenylboronic ester-linked PEG-lipid conjugate for ROS-responsive drug delivery. <i>Polymer Chemistry</i> , 2017 , 8, 6209-6216	4.9	37
99	Emerging antitumor applications of extracellularly reengineered polymeric nanocarriers. <i>Biomaterials Science</i> , 2015 , 3, 988-1001	7.4	36
98	PEGylated Poly(Lipoic acid) Loaded with Doxorubicin as a pH and Reduction Dual Responsive Nanomedicine for Breast Cancer Therapy. <i>Biomacromolecules</i> , 2018 , 19, 4492-4503	6.9	34
97	New chemosynthetic route to linear ϵ -poly-lysine. <i>Chemical Science</i> , 2015 , 6, 6385-6391	9.4	31

96	pH and dual redox responsive nanogel based on poly(L-glutamic acid) as potential intracellular drug carrier. <i>Journal of Controlled Release</i> , 2011 , 152 Suppl 1, e11-3	11.7	31
95	Injectable Self-Healing Hydrogel Wound Dressing with Cysteine-Specific On-Demand Dissolution Property Based on Tandem Dynamic Covalent Bonds. <i>Advanced Functional Materials</i> , 2021 , 31, 2011230	15.6	31
94	Cationic dendron-bearing lipids: investigating structure-activity relationships for small interfering RNA delivery. <i>Biomacromolecules</i> , 2013 , 14, 4289-300	6.9	30
93	pH-Responsive Reversible PEGylation Improves Performance of Antineoplastic Agent. <i>Advanced Healthcare Materials</i> , 2015 , 4, 844-55	10.1	28
92	Efficient recovery of precious metal based on Au δ bond and electrostatic interaction. <i>Green Chemistry</i> , 2014 , 16, 4875-4878	10	28
91	Antineoplastic Drug-Free Anticancer Strategy Enabled by Host-Defense-Peptides-Mimicking Synthetic Polypeptides. <i>Advanced Materials</i> , 2020 , 32, e2001108	24	28
90	Direct formation of cationic polypeptide vesicle as potential carrier for drug and gene. <i>Materials Letters</i> , 2012 , 73, 17-20	3.3	27
89	Synthesis and characterization of biodegradable pH-sensitive poly(acrylic acid) hydrogels crosslinked by 2-hydroxyethyl methacrylate modified poly(L-glutamic acid). <i>Materials Letters</i> , 2012 , 77, 74-77	3.3	27
88	Synthesis of amphiphilic block copolymers bearing stable nitroxyl radicals. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 5404-5410	2.5	27
87	Hypoxia-Responsive Polypeptide Nanoparticles Loaded with Doxorubicin for Breast Cancer Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 2167-2174	5.5	26
86	pH-responsive drug delivery systems based on clickable poly(L-glutamic acid)-grafted comb copolymers. <i>Macromolecular Research</i> , 2012 , 20, 292-301	1.9	26
85	Facile synthesis of thermo- and pH-responsive biodegradable microgels. <i>Colloid and Polymer Science</i> , 2011 , 289, 447-451	2.4	25
84	Co-delivery of doxorubicin and paclitaxel with linear-dendritic block copolymer for enhanced anti-cancer efficacy. <i>Science China Chemistry</i> , 2014 , 57, 624-632	7.9	24
83	Photo cross-linked biodegradable hydrogels for enhanced vancomycin loading and sustained release. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2013 , 31, 1697-1705	3.5	24
82	Synthesis of temperature and pH-responsive crosslinked micelles from polypeptide-based graft copolymer. <i>Journal of Colloid and Interface Science</i> , 2011 , 359, 436-42	9.3	22
81	Facile construction of functional biosurface via SI-ATRP and "click glycosylation". <i>Colloids and Surfaces B: Biointerfaces</i> , 2012 , 93, 188-94	6	21
80	GSH-triggered release of sulfur dioxide gas to regulate redox balance for enhanced photodynamic therapy. <i>Chemical Communications</i> , 2020 , 56, 5645-5648	5.8	20
79	Side chain impacts on pH- and thermo-responsiveness of tertiary amine functionalized polypeptides. <i>Journal of Polymer Science Part A</i> , 2014 , 52, 671-679	2.5	19

78	Injectable Enzymatically Cross-linked Hydrogels with Light-Controlled Degradation Profile. <i>Macromolecular Rapid Communications</i> , 2018 , 39, e1800272	4.8	18
77	Photo-cross-linked biodegradable thermo- and pH-responsive hydrogels for controlled drug release. <i>Journal of Applied Polymer Science</i> , 2012 , 123, 2923-2932	2.9	18
76	A comparative study of linear, Y-shaped and linear-dendritic methoxy poly(ethylene glycol)-block-polyamidoamine-block-poly(L-glutamic acid) block copolymers for doxorubicin delivery in vitro and in vivo. <i>Acta Biomaterialia</i> , 2016 , 40, 243-253	10.8	18
75	2-Phenyl-3-(aminophenyl) Acrylonitrile: A Reactive Matrix for Sensitive and Selective Analysis of Glycans by MALDI-MS. <i>Analytical Chemistry</i> , 2019 , 91, 8801-8807	7.8	16
74	A PEGylated alternating copolymer with oxidation-sensitive phenylboronic ester pendants for anticancer drug delivery. <i>Biomaterials Science</i> , 2019 , 7, 3898-3905	7.4	16
73	2,2'-Dithiodisuccinic acid-stabilized polyion complex micelles for pH and reduction dual-responsive drug delivery. <i>Journal of Colloid and Interface Science</i> , 2018 , 522, 74-81	9.3	15
72	Glutathione-triggered dual release of doxorubicin and camptothecin for highly efficient synergistic anticancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 169, 273-279	6	15
71	Multi-responsive core-crosslinked poly (thioether ester) micelles for smart drug delivery. <i>Polymer</i> , 2017 , 110, 235-241	3.9	14
70	Intratumoral delivery of M-CSF by calcium crosslinked polymer micelles enhances cancer immunotherapy. <i>Biomaterials Science</i> , 2019 , 7, 2769-2776	7.4	14
69	An efficient pH sensitive oral insulin delivery system enhanced by deoxycholic acid. <i>Journal of Controlled Release</i> , 2011 , 152 Suppl 1, e184-6	11.7	14
68	Recent developments in intelligent biomedical polymers. <i>Science in China Series B: Chemistry</i> , 2009 , 52, 117-130		14
67	An oxidative stress-responsive electrospun polyester membrane capable of releasing anti-bacterial and anti-inflammatory agents for postoperative anti-adhesion. <i>Journal of Controlled Release</i> , 2021 , 335, 359-368	11.7	14
66	(E)-Propyl β -Cyano-4-Hydroxyl Cinnamate: A High Sensitive and Salt Tolerant Matrix for Intact Protein Profiling by MALDI Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2016 , 27, 709-18	3.5	14
65	Synthesis of Y-Shaped OEGylated Poly(amino acid)s: The Impact of OEG Architecture. <i>Biomacromolecules</i> , 2019 , 20, 1655-1666	6.9	14
64	Enhancing the Stability of Hydrogels by Doubling the Schiff Base Linkages. <i>Macromolecular Chemistry and Physics</i> , 2019 , 220, 1800484	2.6	14
63	A Multifunctional Polypeptide via Ugi Reaction for Compact and Biocompatible Quantum Dots with Efficient Bioconjugation. <i>Bioconjugate Chemistry</i> , 2018 , 29, 1335-1343	6.3	13
62	Injectable electroactive hydrogels based on Pluronic \square F127 and tetraaniline copolymer. <i>European Polymer Journal</i> , 2017 , 88, 67-74	5.2	13
61	Multidentate Comb-Shaped Polypeptides Bearing Trithiocarbonate Functionality: Synthesis and Application for Water-Soluble Quantum Dots. <i>Biomacromolecules</i> , 2017 , 18, 924-930	6.9	12

60	Enzymatically crosslinked hydrogels based on linear poly(ethylene glycol) polymer: performance and mechanism. <i>Polymer Chemistry</i> , 2017 , 8, 7017-7024	4.9	12
59	A reduction-sensitive thermo-responsive polymer: Synthesis, characterization, and application in controlled drug release. <i>European Polymer Journal</i> , 2018 , 101, 183-189	5.2	12
58	Multi-armed poly(aspartate-g-OEI) copolymers as versatile carriers of pDNA/siRNA. <i>Acta Biomaterialia</i> , 2013 , 9, 6943-52	10.8	12
57	Poly(L-glutamic acid) Microsphere: Preparation and Application in Oral Drug Controlled Release. <i>Acta Chimica Sinica</i> , 2015 , 73, 60	3.3	12
56	Selenium-Doped Carbon Quantum Dots Efficiently Ameliorate Secondary Spinal Cord Injury via Scavenging Reactive Oxygen Species. <i>International Journal of Nanomedicine</i> , 2020 , 15, 10113-10125	7.3	12
55	pH-responsive hydrogels based on the self-assembly of short polypeptides for controlled release of peptide and protein drugs. <i>Journal of Polymer Research</i> , 2019 , 26, 1	2.7	12
54	Synthesis of polypeptide bearing 1,4-dithiane pendants for ROS-responsive drug release. <i>Chinese Chemical Letters</i> , 2020 , 31, 1129-1132	8.1	12
53	A sulfur dioxide polymer prodrug showing combined effect with doxorubicin in combating subcutaneous and metastatic melanoma. <i>Bioactive Materials</i> , 2021 , 6, 1365-1374	16.7	12
52	Stimuli-responsive polypeptides for controlled drug delivery. <i>Chemical Communications</i> , 2021 , 57, 9489-9503	9.5	12
51	DBDA as a Novel Matrix for the Analyses of Small Molecules and Quantification of Fatty Acids by Negative Ion MALDI-TOF MS. <i>Journal of the American Society for Mass Spectrometry</i> , 2018 , 29, 704-710	3.5	11
50	Thermosensitive polyion complex micelles prepared by self-assembly of two oppositely charged diblock copolymers. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2013 , 31, 318-324	3.5	10
49	SYNTHESIS AND SWELLING BEHAVIOR OF DEGRADABLE pH-SENSITIVE HYDROGELS COMPOSED OF POLY(L-GLUTAMIC ACID) AND POLY(ACRYLIC ACID). <i>Acta Polymerica Sinica</i> , 2011 , 011, 883-888		10
48	Nanomedicine-Based Therapeutics to Combat Acute Lung Injury. <i>International Journal of Nanomedicine</i> , 2021 , 16, 2247-2269	7.3	10
47	Enhanced nanoparticle accumulation by tumor-acidity-activatable release of sildenafil to induce vasodilation. <i>Biomaterials Science</i> , 2020 , 8, 3052-3062	7.4	10
46	A Surface Pattern on MALDI Steel Plate for One-Step In-Situ Self-Desalting and Enrichment of Peptides/Proteins. <i>Journal of the American Society for Mass Spectrometry</i> , 2017 , 28, 428-433	3.5	9
45	εMethacryloyl-L-lysine based polypeptides and their thiol-ene click functionalization. <i>Polymer Chemistry</i> , 2015 , 6, 1758-1767	4.9	9
44	Synthesis of PEGylated alternating copolymer bearing thioether pendants for oxidation responsive drug delivery. <i>European Polymer Journal</i> , 2018 , 107, 308-314	5.2	9
43	Acid-responsive dextran-based therapeutic nanoplatforms for photodynamic-chemotherapy against multidrug resistance. <i>International Journal of Biological Macromolecules</i> , 2020 , 155, 233-240	7.9	8

42	Rapid fluorescence imaging of spinal cord following epidural administration of a nerve-highlighting fluorophore. <i>Theranostics</i> , 2017 , 7, 1863-1874	12.1	8
41	PEGylated polylysine derived copolymers with reduction-responsive side chains for anticancer drug delivery. <i>Polymer International</i> , 2019 , 68, 1817-1825	3.3	8
40	Phenylboronic acid-functionalized polypeptide nanogel for glucose-responsive insulin release under physiological pH. <i>Journal of Controlled Release</i> , 2015 , 213, e69	11.7	8
39	Monomer Controlled Switchable Copolymerization: A Feasible Route for the Functionalization of Poly(lactide). <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 9274-9278	16.4	8
38	Dextran sulfate-triamcinolone acetonide conjugate nanoparticles for targeted treatment of osteoarthritis. <i>International Journal of Biological Macromolecules</i> , 2020 , 158, 1082-1089	7.9	7
37	Celastrol Self-Stabilized Nanoparticles for Effective Treatment of Melanoma. <i>International Journal of Nanomedicine</i> , 2020 , 15, 1205-1214	7.3	7
36	A PEGylated alternating copolymeric prodrug of sulfur dioxide with glutathione responsiveness for Irinotecan delivery. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 187-194	7.3	7
35	Reactive oxide species-scavenging lipid-polymer nanoparticles for neuroprotection after spinal cord injury. <i>Applied Materials Today</i> , 2021 , 24, 101109	6.6	7
34	Amino-functionalized poly(N-vinylcaprolactam) derived from lysine: a sustainable polymer with thermo and pH dual stimuli response. <i>Polymer Chemistry</i> , 2016 , 7, 7101-7107	4.9	6
33	One-pot synthesis of pH and ROS dual responsive nanogels for anti-cancer drug delivery. <i>Journal of Controlled Release</i> , 2017 , 259, e154	11.7	6
32	Construction of carrier-free porphyrin-based drug self-framed delivery system to reverse multidrug resistance through photodynamic-chemotherapy. <i>Dyes and Pigments</i> , 2020 , 177, 107922	4.6	6
31	Polypeptides-Drug Conjugates for Anticancer Therapy. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2001974	11.1	6
30	Organocatalyzed Ring-Opening Polymerization of Cyclic Lysine Derivative: Sustainable Access to Cationic Poly(Lysine) Mimics. <i>Macromolecules</i> , 2021 , 54, 2226-2231	5.5	6
29	Rapidly quantitative analysis of Eglutamyltranspeptidase activity in the lysate and blood via a rational design of the molecular probe by matrix-assisted laser desorption ionization mass spectrometry. <i>Talanta</i> , 2019 , 205, 120141	6.2	5
28	The effect of alkyl side groups on the secondary structure and crystallization of poly(ethylene glycol)-block-polypeptide copolymers. <i>Polymer</i> , 2013 , 54, 2466-2472	3.9	5
27	A cool and high salt-tolerant ionic liquid matrix for preferential ionization of phosphopeptides by negative ion MALDI-MS. <i>New Journal of Chemistry</i> , 2017 , 41, 12241-12249	3.6	5
26	A pyrene linked peptide probe for quantitative analysis of protease activity via MALDI-TOF-MS. <i>Talanta</i> , 2019 , 200, 236-241	6.2	4
25	A high sensitive and contaminant tolerant matrix for facile detection of membrane proteins by matrix-assisted laser desorption/ionization mass spectrometry. <i>Analytica Chimica Acta</i> , 2018 , 999, 114-122	6.6	4

24	Self-programmed pH-sensitive polymeric prodrug micelle for synergistic cancer therapy. <i>Journal of Controlled Release</i> , 2015 , 213, e135-6	11.7	4
23	PEG-based thermo-responsive poly (β-hydroxy ether ester) for ROS-triggered drug delivery. <i>Journal of Controlled Release</i> , 2015 , 213, e22	11.7	4
22	Quantitation of Glutathione by Quinoline-5, 8-Dione-Based Tag Strategy Using MALDI Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2019 , 30, 625-633	3.5	4
21	Constructing Thermally Reversible Dynamic Hydrogels via Catalysis-Free Knoevenagel Condensation. <i>ACS Macro Letters</i> , 2020 , 9, 830-835	6.6	3
20	Effective Oxidation-Responsive Polyester Nanocarriers for Anti-Inflammatory Drug Delivery. <i>International Journal of Nanomedicine</i> , 2021 , 16, 5053-5064	7.3	3
19	Facile Synthesis of Resveratrol Nanogels with Enhanced Fluorescent Emission. <i>Macromolecular Bioscience</i> , 2019 , 19, e1800438	5.5	3
18	Venetoclax nanomedicine alleviates acute lung injury via increasing neutrophil apoptosis. <i>Biomaterials Science</i> , 2021 , 9, 4746-4754	7.4	3
17	Nanoparticles Composed of PEGylated Alternating Copolymer-Combretastatin A4 Conjugate for Cancer Therapy. <i>Macromolecular Bioscience</i> , 2021 , 21, e2100077	5.5	2
16	Injectable In Situ Forming Double-Network Hydrogel To Enhance Transplanted Cell Viability and Retention. <i>Chemistry of Materials</i> , 2021 , 33, 5885-5895	9.6	2
15	A dual-mode reactive matrix for sensitive and quantitative analysis of carbohydrates by MALDI-TOF MS. <i>Talanta</i> , 2021 , 235, 122792	6.2	2
14	Synthesis of PEGylated Salicylaldehyde Azine via Metal-free Click Chemistry for Cellular Imaging Applications. <i>Chemical Research in Chinese Universities</i> , 2019 , 35, 929-936	2.2	1
13	Drug Delivery: pH-Responsive Reversible PEGylation Improves Performance of Antineoplastic Agent (Adv. Healthcare Mater. 6/2015). <i>Advanced Healthcare Materials</i> , 2015 , 4, 786-786	10.1	1
12	Cationic amphiphilic dendrons with effective antibacterial performance.. <i>Journal of Materials Chemistry B</i> , 2022 ,	7.3	1
11	Low-Molecular-Weight Polylysines with Excellent Antibacterial Properties and Low Hemolysis.. <i>ACS Biomaterials Science and Engineering</i> , 2022 ,	5.5	1
10	Minocycline-Loaded Poly(β-lipoic Acid)-Methylprednisolone Prodrug Nanoparticles for the Combined Anti-Inflammatory Treatment of Spinal Cord Injury.. <i>International Journal of Nanomedicine</i> , 2022 , 17, 91-104	7.3	1
9	Highly efficient imidazolium-containing oligomers for preventing MRSA biofilm and postoperative spinal infection. <i>European Polymer Journal</i> , 2020 , 137, 109910	5.2	1
8	The Host-Defense-Peptide-Mimicking Synthetic Polypeptides Effectively Enhance Antitumor Immunity through Promoting Immunogenic Tumor Cell Death. <i>Macromolecular Bioscience</i> , 2021 , 21, e2100171	5.5	1
7	A Two-In-One Nanoprodrug for Photoacoustic Imaging-Guided Enhanced Sonodynamic Therapy. <i>Small</i> , 2020 , 16, 202558	11	1

- 6 Re-exploring ̢-Cyano-4-Hydroxycinnamic Acid as a Reactive Matrix for Selective Detection of Glutathione via MALDI-MS. *Journal of the American Society for Mass Spectrometry*, **2021**, 32, 2837-2841 3.5 ○
- 5 Monomer Controlled Switchable Copolymerization: A Feasible Route for the Functionalization of Poly(lactide). *Angewandte Chemie*, **2021**, 133, 9360-9364 3.6 ○
- 4 pH-sensitive polyion complex micelles for tunable intracellular drug delivery. *Journal of Controlled Release*, **2015**, 213, e55 11.7
- 3 Two-way combination chemotherapy for synergistic tumor capture. *Journal of Controlled Release*, **2015**, 213, e113-4 11.7
- 2 5'-(CGA) sequence-assisted pH-controlled assembly of supramolecular DNA nanostructure. *Royal Society Open Science*, **2018**, 5, 180123 3.3
- 1 Photosensitizer-Polypeptides Conjugate with Synergistic Antibacterial Efficacy.. *Macromolecular Bioscience*, **2022**, e2200105 5.5