

Chaoliang He

List of Publications by Year in descending order

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132
papers

8,997
citations

26567

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all docs

135
docs citations

135
times ranked

10257
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ gelling stimuli-sensitive block copolymer hydrogels for drug delivery. <i>Journal of Controlled Release</i> , 2008, 127, 189-207.	4.8	760
2	Nano-composite of poly(-lactide) and surface grafted hydroxyapatite: Mechanical properties and biocompatibility. <i>Biomaterials</i> , 2005, 26, 6296-6304.	5.7	410
3	Stimuli-sensitive Synthetic Polypeptide-based Materials for Drug and Gene Delivery. <i>Advanced Healthcare Materials</i> , 2012, 1, 48-78.	3.9	307
4	Reactive Oxygen Species (ROS) Responsive Polymers for Biomedical Applications. <i>Macromolecular Bioscience</i> , 2016, 16, 635-646.	2.1	282
5	Polymeric nanostructured materials for biomedical applications. <i>Progress in Polymer Science</i> , 2016, 60, 86-128.	11.8	257
6	Injectable Bioresponsive Gel Depot for Enhanced Immune Checkpoint Blockade. <i>Advanced Materials</i> , 2018, 30, e1801527.	11.1	233
7	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.	1.9	220
8	Injectable glycopolypeptide hydrogels as biomimetic scaffolds for cartilage tissue engineering. <i>Biomaterials</i> , 2015, 51, 238-249.	5.7	217
9	Co-delivery of chemotherapeutics and proteins for synergistic therapy. <i>Advanced Drug Delivery Reviews</i> , 2016, 98, 64-76.	6.6	178
10	Synergistic therapeutic effects of Schiff's base cross-linked injectable hydrogels for local co-delivery of metformin and 5-fluorouracil in a mouse colon carcinoma model. <i>Biomaterials</i> , 2016, 75, 148-162.	5.7	157
11	Synthesis of biodegradable thermo- and pH-responsive hydrogels for controlled drug release. <i>Polymer</i> , 2009, 50, 4308-4316.	1.8	142
12	Biocompatible reduction-responsive polypeptide micelles as nanocarriers for enhanced chemotherapy efficacy in vitro. <i>Journal of Materials Chemistry B</i> , 2013, 1, 69-81.	2.9	141
13	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.	6.7	138
14	PLK1shRNA and doxorubicin co-loaded thermosensitive PLGA-PEG-PLGA hydrogels for osteosarcoma treatment. <i>Biomaterials</i> , 2014, 35, 8723-8734.	5.7	136
15	Localized Co-delivery of Doxorubicin, Cisplatin, and Methotrexate by Thermosensitive Hydrogels for Enhanced Osteosarcoma Treatment. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 27040-27048.	4.0	134
16	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.	6.7	132
17	Study of the Synthesis, Crystallization, and Morphology of Poly(ethylene glycol)-b-Poly(ϵ -caprolactone) Diblock Copolymers. <i>Biomacromolecules</i> , 2004, 5, 2042-2047.	2.6	131
18	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.	2.9	127

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19	Biodegradable pH-responsive polyacrylic acid derivative hydrogels with tunable swelling behavior for oral delivery of insulin. <i>Polymer</i> , 2013, 54, 1786-1793.	1.8	126
20	Disulfide crosslinked PEGylated starch micelles as efficient intracellular drug delivery platforms. <i>Soft Matter</i> , 2013, 9, 2224.	1.2	122
21	Biodegradable, pH-responsive Carboxymethyl Cellulose/Poly(acrylic Acid) Hydrogels for Oral Insulin Delivery. <i>Macromolecular Bioscience</i> , 2014, 14, 565-575.	2.1	121
22	Thermosensitive hydrogels based on polypeptides for localized and sustained delivery of anticancer drugs. <i>Biomaterials</i> , 2013, 34, 10338-10347.	5.7	109
23	Disulfide Crosslinked Polyurethane Micelles as a Reduction-triggered Drug Delivery System for Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2014, 3, 752-760.	3.9	105
24	pH and reduction dual responsive polyurethane triblock copolymers for efficient intracellular drug delivery. <i>Soft Matter</i> , 2013, 9, 2637.	1.2	103
25	Interleukin-15 and cisplatin co-encapsulated thermosensitive polypeptide hydrogels for combined immuno-chemotherapy. <i>Journal of Controlled Release</i> , 2017, 255, 81-93.	4.8	99
26	Decisive Role of Hydrophobic Side Groups of Polypeptides in Thermosensitive Gelation. <i>Biomacromolecules</i> , 2012, 13, 2053-2059.	2.6	97
27	Formation of a Unique Crystal Morphology for the Poly(ethylene glycol)-Poly(μ -caprolactone) Diblock Copolymer. <i>Biomacromolecules</i> , 2006, 7, 252-258.	2.6	96
28	Intracellular pH-Sensitive PEG-block-Acetalated-Dextrans as Efficient Drug Delivery Platforms. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 10760-10766.	4.0	91
29	Nanogel-incorporated Physical and Chemical Hybrid Gels for Highly Effective Chemo-Protein Combination Therapy. <i>Advanced Functional Materials</i> , 2015, 25, 6744-6755.	7.8	90
30	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.	4.8	89
31	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.	1.9	89
32	Functional fabrication of recombinant human collagen-phosphorylcholine hydrogels for regenerative medicine applications. <i>Acta Biomaterialia</i> , 2015, 12, 70-80.	4.1	88
33	Hydrogels based on pH-responsive reversible carbon-nitrogen double-bond linkages for biomedical applications. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1765-1778.	3.2	86
34	Versatile synthesis of temperature-sensitive polypeptides by click grafting of oligo(ethylene glycol). <i>Polymer Chemistry</i> , 2011, 2, 2627.	1.9	85
35	Biomedical polymers: synthesis, properties, and applications. <i>Science China Chemistry</i> , 2022, 65, 1010-1075.	4.2	85
36	pH- and temperature-sensitive multiblock copolymer hydrogels composed of poly(ethylene glycol) and poly(amino urethane). <i>Polymer</i> , 2008, 49, 4968-4973.	1.8	83

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37	Composition Dependence of the Crystallization Behavior and Morphology of the Poly(ethylene Terephthalate) Block-Poly(lactide) Diblock Copolymer. <i>Journal of Polymer Science: Part B: Polymer Physics</i> , 2018, 56, 1481-1491.	10.7843	1081
38	DOX/IL-2/IFN- γ co-loaded thermo-sensitive polypeptide hydrogel for efficient melanoma treatment. <i>Bioactive Materials</i> , 2018, 3, 118-128.	8.6	79
39	Biomaterials-enabled cornea regeneration in patients at high risk for rejection of donor tissue transplantation. <i>Npj Regenerative Medicine</i> , 2018, 3, 2.	2.5	76
40	Biodegradable Stereocomplex Micelles Based on Dextran- <i>l</i> -poly(lactide) as Efficient Drug Deliveries. <i>Langmuir</i> , 2013, 29, 13072-13080.	1.6	75
41	pH-Responsive Poly(ethylene glycol)/Poly(<i>l</i> -lactide) Supramolecular Micelles Based on Host-Guest Interaction. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 8404-8411.	4.0	72
42	Morphology and Structure of Single Crystals of Poly(ethylene glycol)- <i>l</i> -Poly(μ -caprolactone) Diblock Copolymers. <i>Macromolecules</i> , 2006, 39, 3717-3719.	2.2	70
43	Dual responsive supramolecular nanogels for intracellular drug delivery. <i>Chemical Communications</i> , 2014, 50, 3789.	2.2	70
44	Novel pH- and Temperature-Responsive Block Copolymers with Tunable pH-Responsive Range. <i>Macromolecular Rapid Communications</i> , 2008, 29, 490-497.	2.0	69
45	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, 1979-1990.	3.9	68
46	A Nanocomposite Vehicle Based on Metal-Organic Framework Nanoparticle Incorporated Biodegradable Microspheres for Enhanced Oral Insulin Delivery. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 22581-22592.	4.0	67
47	Injectable Hydrogels as Unique Platforms for Local Chemotherapeutics-Based Combination Antitumor Therapy. <i>Macromolecular Bioscience</i> , 2018, 18, e1800240.	2.1	65
48	Novel thermo- and pH-responsive hydroxypropyl cellulose- and poly(<i>l</i> -glutamic acid)-based microgels for oral insulin controlled release. <i>Carbohydrate Polymers</i> , 2012, 89, 1207-1214.	5.1	64
49	A pH-Triggered Self-Unpacking Capsule Containing Zwitterionic Hydrogel-Coated MOF Nanoparticles for Efficient Oral Exendin-4 Delivery. <i>Advanced Materials</i> , 2021, 33, e2102044.	11.1	64
50	Co-delivery of 10-Hydroxycamptothecin with Doxorubicin Conjugated Prodrugs for Enhanced Anticancer Efficacy. <i>Macromolecular Bioscience</i> , 2013, 13, 584-594.	2.1	63
51	Injectable enzymatically crosslinked hydrogels based on a poly(<i>l</i> -glutamic acid) graft copolymer. <i>Polymer Chemistry</i> , 2014, 5, 5069-5076.	1.9	62
52	Versatile Biofunctionalization of Polypeptide-Based Thermosensitive Hydrogels via Click Chemistry. <i>Biomacromolecules</i> , 2013, 14, 468-475.	2.6	61
53	Facile preparation of a cationic poly(amino acid) vesicle for potential drug and gene co-delivery. <i>Nanotechnology</i> , 2011, 22, 494012.	1.3	60
54	Biopolymer Immune Implants™ Sequential Activation of Innate and Adaptive Immunity for Colorectal Cancer Postoperative Immunotherapy. <i>Advanced Materials</i> , 2021, 33, e2004559.	11.1	60

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55	Novel temperature- and pH-responsive graft copolymers composed of poly(L-glutamic acid) and poly(N-isopropylacrylamide). <i>Journal of Polymer Science Part A</i> , 2008, 46, 4140-4150.	2.5	59
56	High performance and reversible ionic polypeptide hydrogel based on charge-driven assembly for biomedical applications. <i>Acta Biomaterialia</i> , 2015, 11, 183-190.	4.1	58
57	Injectable Polypeptide Hydrogels with Tunable Microenvironment for 3D Spreading and Chondrogenic Differentiation of Bone-Marrow-Derived Mesenchymal Stem Cells. <i>Biomacromolecules</i> , 2016, 17, 3862-3871.	2.6	58
58	Injectable, Biomolecule-Responsive Polypeptide Hydrogels for Cell Encapsulation and Facile Cell Recovery through Triggered Degradation. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 30692-30702.	4.0	58
59	Injectable Polypeptide Hydrogel as Biomimetic Scaffolds with Tunable Bioactivity and Controllable Cell Adhesion. <i>Biomacromolecules</i> , 2017, 18, 1411-1418.	2.6	57
60	Crystallization and Ring-Banded Spherulite Morphology of Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (oxide)-block-Poly-205, 2229-2234.	1.1	56
61	Redox-Sensitive Shell-Crosslinked Polypeptide-block- Polysaccharide Micelles for Efficient Intracellular Anticancer Drug Delivery. <i>Macromolecular Bioscience</i> , 2013, 13, 1249-1258.	2.1	56
62	Injectable polysaccharide hybrid hydrogels as scaffolds for burn wound healing. <i>RSC Advances</i> , 2015, 5, 94248-94256.	1.7	56
63	Combining disulfiram and poly(L-glutamic acid)-cisplatin conjugates for combating cisplatin resistance. <i>Journal of Controlled Release</i> , 2016, 231, 94-102.	4.8	54
64	Synthesis of Novel Thermo- and pH-Responsive Poly(L-lysine)-Based Copolymer and its Micellization in Water. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1810-1816.	2.0	53
65	Core-cross-linked micellar nanoparticles from a linear-dendritic prodrug for dual-responsive drug delivery. <i>Polymer Chemistry</i> , 2014, 5, 2801-2808.	1.9	53
66	Synthesis of pH-responsive starch nanoparticles grafted poly (L-glutamic acid) for insulin controlled release. <i>European Polymer Journal</i> , 2013, 49, 2082-2091.	2.6	52
67	Dual pH-responsive mesoporous silica nanoparticles for efficient combination of chemotherapy and photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2015, 3, 4707-4714.	2.9	52
68	Reduction-responsive cross-linked micelles based on PEGylated polypeptides prepared via click chemistry. <i>Polymer Chemistry</i> , 2013, 4, 3851.	1.9	51
69	Intracellular pH-Sensitive Metallo-Supramolecular Nanogels for Anticancer Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 7816-7822.	4.0	49
70	In situ gelling aqueous solutions of pH- and temperature-sensitive poly(ester amino urethane)s. <i>Polymer</i> , 2008, 49, 4620-4625.	1.8	46
71	pH- and Amylase-Responsive Carboxymethyl Starch/Poly(2-isobutyl-acrylic acid) Hybrid Microgels as Effective Enteric Carriers for Oral Insulin Delivery. <i>Biomacromolecules</i> , 2018, 19, 2123-2136.	2.6	44
72	pH-responsive metallo-supramolecular nanogel for synergistic chemo-photodynamic therapy. <i>Acta Biomaterialia</i> , 2015, 25, 162-171.	4.1	41

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73	Boronic Acid Shell-Crosslinked Dextran- <i>b</i> -PLA Micelles for Acid-Responsive Drug Delivery. <i>Macromolecular Bioscience</i> , 2014, 14, 1609-1618.	2.1	39
74	The crystallization behavior of poly(ethylene glycol)-poly(μ -caprolactone) diblock copolymers with asymmetric block compositions. <i>Journal of Polymer Research</i> , 2011, 18, 2161-2168.	1.2	38
75	Enhanced local cancer therapy using a CA4P and CDDP co-loaded polypeptide gel depot. <i>Biomaterials Science</i> , 2019, 7, 860-866.	2.6	37
76	Dual Stimuli-Responsive Nanoparticle-Incorporated Hydrogels as an Oral Insulin Carrier for Intestine-Targeted Delivery and Enhanced Paracellular Permeation. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 2889-2902.	2.6	35
77	Injectable Polysaccharide Hydrogels as Biocompatible Platforms for Localized and Sustained Delivery of Antibiotics for Preventing Local Infections. <i>Macromolecular Bioscience</i> , 2017, 17, 1600347.	2.1	34
78	Injectable Hydrogels as Local Depots at Tumor Sites for Antitumor Immunotherapy and Immune-Based Combination Therapy. <i>Macromolecular Bioscience</i> , 2021, 21, e2100039.	2.1	34
79	Intercellular pH-responsive histidine modified dextran-g-cholesterol micelle for anticancer drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 121, 36-43.	2.5	33
80	Injectable Thermosensitive Polypeptide-Based CDDP-Complexed Hydrogel for Improving Localized Antitumor Efficacy. <i>Biomacromolecules</i> , 2017, 18, 4341-4348.	2.6	33
81	A fast and versatile cross-linking strategy via <i>o</i> -phthalaldehyde condensation for mechanically strengthened and functional hydrogels. <i>National Science Review</i> , 2021, 8, nwa128.	4.6	32
82	Direct formation of cationic polypeptide vesicle as potential carrier for drug and gene. <i>Materials Letters</i> , 2012, 73, 17-20.	1.3	30
83	pH-responsive drug delivery systems based on clickable poly(L-glutamic acid)-grafted comb copolymers. <i>Macromolecular Research</i> , 2012, 20, 292-301.	1.0	29
84	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.	1.3	29
85	Bioactive polypeptide hydrogels modified with RGD and N-cadherin mimetic peptide promote chondrogenic differentiation of bone marrow mesenchymal stem cells. <i>Science China Chemistry</i> , 2020, 63, 1100-1111.	4.2	26
86	Biodegradable pH- and temperature-sensitive multiblock copolymer hydrogels based on poly(amino-ester urethane)s. <i>Macromolecular Research</i> , 2010, 18, 974-980.	1.0	24
87	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	24
88	5-Fluorouracil loaded thermosensitive PLGA- <i>b</i> -PEG-PLGA hydrogels for the prevention of postoperative tendon adhesion. <i>RSC Advances</i> , 2015, 5, 25295-25303.	1.7	22
89	Hydrophobic Polyalanine Modified Hyperbranched Polyethylenimine as High Efficient pDNA and siRNA Carrier. <i>Macromolecular Bioscience</i> , 2014, 14, 1406-1414.	2.1	21
90	Injectable Enzymatically Cross-Linked Hydrogels with Light-Controlled Degradation Profile. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800272.	2.0	21

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91	Study of temperature dependence of crystallisation transitions of a symmetric PEO-PCL diblock copolymer using simultaneous SAXS and WAXS measurements with synchrotron radiation. <i>European Physical Journal E</i> , 2008, 27, 357-364.	0.7	20
92	Enzymatically crosslinked hydrogels based on linear poly(ethylene glycol) polymer: performance and mechanism. <i>Polymer Chemistry</i> , 2017, 8, 7017-7024.	1.9	20
93	Design of an Injectable Polypeptide Hydrogel Depot Containing the Immune Checkpoint Blocker Anti-PD-L1 and Doxorubicin to Enhance Antitumor Combination Therapy. <i>Macromolecular Bioscience</i> , 2021, 21, e2100049.	2.1	20
94	Targeted dextran-b-poly(μ -caprolactone) micelles for cancer treatments. <i>RSC Advances</i> , 2015, 5, 18593-18600.	1.7	17
95	Rapidly Thermoreversible and Biodegradable Polypeptide Hydrogels with Sol-Gel Sol Transition Dependent on Subtle Manipulation of Side Groups. <i>Biomacromolecules</i> , 2021, 22, 3522-3533.	2.6	17
96	pH and reduction dual responsive cross-linked polyurethane micelles as an intracellular drug delivery system. <i>RSC Advances</i> , 2014, 4, 63070-63078.	1.7	16
97	Surface modification of 316L stainless steel by grafting methoxy poly(ethylene glycol) to improve the biocompatibility. <i>Chemical Research in Chinese Universities</i> , 2015, 31, 651-657.	1.3	16
98	Localized Chemotherapy Based on Injectable Hydrogel Boosts the Antitumor Activity of Adoptively Transferred T Lymphocytes In Vivo. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100814.	3.9	16
99	pH- and temperature-sensitive PCL-grafted poly(β -amino ester)-poly(ethylene glycol)-poly(β -amino ester) copolymer hydrogels. <i>Macromolecular Research</i> , 2010, 18, 1096-1102.	1.0	14
100	Crucial Impact of Residue Chirality on the Gelation Process and Biodegradability of Thermoresponsive Polypeptide Hydrogels. <i>Biomacromolecules</i> , 2021, 22, 3992-4003.	2.6	14
101	Mucoadhesive, Antibacterial, and Reductive Nanogels as a Mucolytic Agent for Efficient Nebulized Therapy to Combat Allergic Asthma. <i>ACS Nano</i> , 2022, 16, 11161-11173.	7.3	14
102	Fabrication of modular multifunctional delivery for antitumor drugs based on host-guest recognition. <i>Acta Biomaterialia</i> , 2015, 18, 168-175.	4.1	13
103	μ -Methacryloyl-lysine based polypeptides and their thiol-ene click functionalization. <i>Polymer Chemistry</i> , 2015, 6, 1758-1767.	1.9	13
104	Physiologically relevant pH- and temperature-responsive polypeptide hydrogels with adhesive properties. <i>Polymer Chemistry</i> , 2021, 12, 2832-2839.	1.9	13
105	Metallo-Supramolecular Nanogels for Intracellular pH-Responsive Drug Release. <i>Macromolecular Rapid Communications</i> , 2014, 35, 1697-1705.	2.0	11
106	Thermosensitive Polypeptide Hydrogels Co-Loaded with Two Anti-Tumor Agents to Reduce Multi-Drug Resistance and Enhance Local Tumor Treatment. <i>Advanced Therapeutics</i> , 2020, 3, 1900165.	1.6	11
107	Matrix metalloproteinase-sensitive poly(ethylene glycol)/peptide hydrogels as an interactive platform conducive to cell proliferation during 3D cell culture. <i>Science China Technological Sciences</i> , 2021, 64, 1285-1294.	2.0	11
108	Injectable Click Polypeptide Hydrogels via Tetrazine-Norbornene Chemistry for Localized Cisplatin Release. <i>Polymers</i> , 2020, 12, 884.	2.0	10

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109	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.	0.0	10
110	Engineering Thermo-pH Dual Responsive Hydrogel for Enhanced Tumor Accumulation, Penetration, and Chemo-Protein Combination Therapy. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4739-4752.	3.3	9
111	Enhanced antitumor chemo-immunotherapy by local co-delivery of chemotherapeutics, immune checkpoint blocking antibody and <i>IDO</i> inhibitor using an injectable polypeptide hydrogel. <i>Journal of Polymer Science</i> , 2022, 60, 1595-1609.	2.0	9
112	PLK1shRNA and doxorubicin co-loaded thermosensitive PLGA-PEG-PLGA hydrogels for localized and combined treatment of human osteosarcoma. <i>Journal of Controlled Release</i> , 2015, 213, e18.	4.8	8
113	Synthesis of novel thermo- and redox-sensitive polypeptide hydrogels. <i>Polymer International</i> , 2017, 66, 712-718.	1.6	8
114	Biodegradable pH-Dependent Thermo-Sensitive Hydrogels for Oral Insulin Delivery. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 713-719.	1.1	7
115	PCL-F68-PCL/PLGA-PEG-PLGA mixed micelles mediated delivery of mitoxantrone for reversing multidrug resistant in breast cancer. <i>RSC Advances</i> , 2016, 6, 35318-35327.	1.7	7
116	Effects of ethyl-L-glutamated and phenylalanine ratio/sequence on the secondary structure and gelation properties of their PEGylated copolymers. <i>Polymer</i> , 2020, 191, 122276.	1.8	7
117	Recent advances in organic and polymeric carriers for local tumor chemo-immunotherapy. <i>Science China Technological Sciences</i> , 2022, 65, 1011-1028.	2.0	7
118	Thermo/pH-dual responsive properties of hyperbranched polyethylenimine grafted by phenylalanine. <i>Archives of Pharmacal Research</i> , 2014, 37, 142-148.	2.7	6
119	pH and reduction-sensitive disulfide cross-linked polyurethane micelles for bio-triggered anti-tumor drug delivery. <i>Journal of Controlled Release</i> , 2015, 213, e99-e100.	4.8	6
120	<i>N</i> -Isopropylacrylamide Modified Polyethylenimines as Effective siRNA Carriers for Cancer Therapy. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 5464-5469.	0.9	6
121	Biocompatible in situ-forming glycopolypeptide hydrogels. <i>Science China Technological Sciences</i> , 2020, 63, 992-1004.	2.0	6
122	Influence of residual chirality on the conformation and enzymatic degradation of glycopolypeptide based biomaterials. <i>Science China Technological Sciences</i> , 2021, 64, 641-650.	2.0	6
123	Thermo- and pH-responsive microgels for controlled release of insulin. <i>Polymer International</i> , 2012, 61, 1151-1157.	1.6	5
124	The effect of alkyl side groups on the secondary structure and crystallization of poly(ethylene) Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 142	1.8	5
125	Photo-induced in situ forming hydrogels based on collagen and a biocompatible macromolecular photoinitiator. <i>Journal of Controlled Release</i> , 2011, 152, e207-e208.	4.8	4
126	In-Situ Gelling Stimuli-Sensitive PEG-Based Amphiphilic Copolymer Hydrogels. , 2010, , 123-146.		4

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127	PROGRESS IN THE DEVELOPMENT OF BIOMEDICAL POLYMER MATERIALS FABRICATED BY 3-DIMENSIONAL PRINTING TECHNOLOGY. Acta Polymerica Sinica, 2013, 013, 722-732.	0.0	4
128	Effect of Polymer Topology and Residue Chirality on Biodegradability of Polypeptide Hydrogels. ACS Biomaterials Science and Engineering, 2022, 8, 626-637.	2.6	4
129	MPEG-b-poly(amino urethane) amphiphilic block copolymers and their pH-Dependent micellization behavior. Macromolecular Research, 2009, 17, 58-61.	1.0	2
130	In-situ forming glycopolypeptide hydrogels as biomimetic scaffolds for cartilage tissue engineering. Journal of Controlled Release, 2015, 213, e64-e65.	4.8	2
131	Biodegradable PLGA Microspheres for Controlled Delivery of Parathyroid Hormone Related Peptide. Acta Polymerica Sinica, 2014, 014, 270-275.	0.0	2
132	BIODEGRADABLE THERMO-SENSITIVE HYDROGELS FOR CONTROLLED DELIVERY OF PARATHYROID HORMONE RELATED PEPTIDE. Acta Polymerica Sinica, 2012, 012, 778-783.	0.0	0