Xuesi Chen

List of Publications by Year
in descending order

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803 papers	49,124 citations	1231 110 h-index	5227 165 g-index
820 all docs	820 docs citations	820 times ranked	36413 citing authors

#	Article	IF	Citations
1	Biodegradable synthetic polymers: Preparation, functionalization and biomedical application. Progress in Polymer Science, 2012, 37, 237-280.	11.8	1,103
2	Biodegradable electrospun fibers for drug delivery. Journal of Controlled Release, 2003, 92, 227-231.	4.8	758
3	Antibacterial Hydrogels. Advanced Science, 2018, 5, 1700527.	5.6	696
4	Electrospun polymer biomaterials. Progress in Polymer Science, 2019, 90, 1-34.	11.8	472
5	Influence of the drug compatibility with polymer solution on the release kinetics of electrospun fiber formulation. Journal of Controlled Release, 2005, 105, 43-51.	4.8	428
6	Nano-composite of poly(-lactide) and surface grafted hydroxyapatite: Mechanical properties and biocompatibility. Biomaterials, 2005, 26, 6296-6304.	5.7	410
7	Sequentially Responsive Shellâ€Stacked Nanoparticles for Deep Penetration into Solid Tumors. Advanced Materials, 2017, 29, 1701170.	11.1	360
8	Biodegradable electrospun poly(l-lactide) fibers containing antibacterial silver nanoparticles. European Polymer Journal, 2006, 42, 2081-2087.	2.6	348
9	Precise nanomedicine for intelligent therapy of cancer. Science China Chemistry, 2018, 61, 1503-1552.	4.2	336
10	Engineered nanomedicines with enhanced tumor penetration. Nano Today, 2019, 29, 100800.	6.2	317
11	Stimuliâ€Sensitive Synthetic Polypeptideâ€Based Materials for Drug and Gene Delivery. Advanced Healthcare Materials, 2012, 1, 48-78.	3.9	307
12	Nonviral cancer gene therapy: Delivery cascade and vector nanoproperty integration. Advanced Drug Delivery Reviews, 2017, 115, 115-154.	6.6	307
13	Co-delivery of doxorubicin and paclitaxel by PEG-polypeptide nanovehicle for the treatment of non-small cell lung cancer. Biomaterials, 2014, 35, 6118-6129.	5.7	304
14	Polylactic acid (PLA): Research, development and industrialization. Biotechnology Journal, 2010, 5, 1125-1136.	1.8	291
15	Reactive Oxygen Species (ROS) Responsive Polymers for Biomedical Applications. Macromolecular Bioscience, 2016, 16, 635-646.	2.1	282
16	Achiral Lanthanide Alkyl Complexes Bearing N,O Multidentate Ligands. Synthesis and Catalysis of Highly Heteroselective Ring-Opening Polymerization ofrac-Lactide. Organometallics, 2007, 26, 2747-2757.	1.1	278
17	Selective in vivo metabolic cell-labeling-mediated cancer targeting. Nature Chemical Biology, 2017, 13, 415-424.	3.9	274
18	Preparation of Core-Sheath Composite Nanofibers by Emulsion Electrospinning. Macromolecular Rapid Communications, 2006, 27, 1637-1642.	2.0	271

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19	Polymeric nanostructured materials for biomedical applications. Progress in Polymer Science, 2016, 60, 86-128.	11.8	257
20	Synthesis of Biodegradable and Electroactive Multiblock Polylactide and Aniline Pentamer Copolymer for Tissue Engineering Applications. Biomacromolecules, 2008, 9, 850-858.	2.6	255
21	Immunomodulatory Nanosystems. Advanced Science, 2019, 6, 1900101.	5.6	255
22	Electrospun polymer micro/nanofibers as pharmaceutical repositories for healthcare. Journal of Controlled Release, 2019, 302, 19-41.	4.8	254
23	Synthesis and characterization of electroactive and biodegradable ABA block copolymer of polylactide and aniline pentamer. Biomaterials, 2007, 28, 1741-1751.	5.7	252
24	A Tumorâ€Microenvironmentâ€Activated Nanozymeâ€Mediated Theranostic Nanoreactor for Imagingâ€Guided Combined Tumor Therapy. Advanced Materials, 2019, 31, e1902885.	11.1	246
25	In vivo mineralization and osteogenesis of nanocomposite scaffold of poly(lactide-co-glycolide) and hydroxyapatite surface-grafted with poly(l-lactide). Biomaterials, 2009, 30, 58-70.	5.7	245
26	Cisplatin crosslinked pH-sensitive nanoparticles for efficient delivery of doxorubicin. Biomaterials, 2014, 35, 3851-3864.	5.7	244
27	High Drug Loading and Sub-Quantitative Loading Efficiency of Polymeric Micelles Driven by Donorâ€“Receptor Coordination Interactions. Journal of the American Chemical Society, 2018, 140, 1235-1238.	6.6	236
28	Injectable Bioresponsive Gel Depot for Enhanced Immune Checkpoint Blockade. Advanced Materials, 2018, 30, e1801527.	11.1	233
29	Thermosensitive Hydrogels as Scaffolds for Cartilage Tissue Engineering. Biomacromolecules, 2019, 20, 1478-1492.	2.6	233
30	One-step preparation of reduction-responsive poly(ethylene glycol)-poly(amino acid)s nanogels as efficient intracellular drug delivery platforms. Polymer Chemistry, 2011, 2, 2857.	1.9	220
31	Ultrasound-Augmented Mitochondrial Calcium Ion Overload by Calcium Nanomodulator to Induce Immunogenic Cell Death. Nano Letters, 2021, 21, 2088-2093.	4.5	220
32	Injectable glycopolypeptide hydrogels as biomimetic scaffolds forÂcartilage tissue engineering. Biomaterials, 2015, 51, 238-249.	5.7	217
33	Targeted polydopamine nanoparticles enable photoacoustic imaging guided chemo-photothermal synergistic therapy of tumor. Acta Biomaterialia, 2017, 47, 124-134.	4.1	216
34	Grafting polymerization of l-lactide on the surface of hydroxyapatite nano-crystals. Polymer, 2004, 45, 6699-6706.	1.8	211
35	Stereoselective Polymerization ofrac-Lactide Using a Monoethylaluminum Schiff Base Complex. Biomacromolecules, 2004, 5, 965-970.	2.6	209
36	Production and clinical development of nanoparticles for gene delivery. Molecular Therapy - Methods and Clinical Development, 2016, 3, 16023.	1.8	207

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37	Biodegradable cationic PEGâ€“PEIâ€“PBLG hyperbranched block copolymer: synthesis and micelle characterization. Biomaterials, 2005, 26, 4209-4217.	5.7	206
38	Preparation and antibacterial effects of PVA-PVP hydrogels containing silver nanoparticles. Journal of Applied Polymer Science, 2007, 103, 125-133.	1.3	203
39	Green Tea Derivative Driven Smart Hydrogels with Desired Functions for Chronic Diabetic Wound Treatment. Advanced Functional Materials, 2021, 31, 2009442.	7.8	202
40	The release behavior of doxorubicin hydrochloride from medicated fibers prepared by emulsion-electrospinning. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 70, 165-170.	2.0	194
41	Ultrafine PEGâ€“PLA fibers loaded with both paclitaxel and doxorubicin hydrochloride and their in vitro cytotoxicity. European Journal of Pharmaceutics and Biopharmaceutics, 2009, 72, 18-25.	2.0	190
42	Nanoscaled Poly(<scp>l</scp>-glutamic acid)/Doxorubicin-Amphiphile Complex as pH-responsive Drug Delivery System for Effective Treatment of Nonsmall Cell Lung Cancer. ACS Applied Materials & Interfaces, 2013, 5, 1781-1792.	4.0	190
43	Gene transfection of hyperbranched PEI grafted by hydrophobic amino acid segment PBLG. Biomaterials, 2007, 28, 2899-2907.	5.7	186
44	Injectable In Situ Self-Cross-Linking Hydrogels Based on Poly(<scp>l</scp>-glutamic acid) and Alginate for Cartilage Tissue Engineering. Biomacromolecules, 2014, 15, 4495-4508.	2.6	185
45	Doxorubicin-loaded amphiphilic polypeptide-based nanoparticles as an efficient drug delivery system for cancer therapy. Acta Biomaterialia, 2013, 9, 9330-9342.	4.1	180
46	Ultrasensitive pH Triggered Charge/Size Dual-Rebound Gene Delivery System. Nano Letters, 2016, 16, 6823-6831.	4.5	179
47	Co-delivery of chemotherapeutics and proteins for synergistic therapy. Advanced Drug Delivery Reviews, 2016, 98, 64-76.	6.6	178
48	A Multichannel Ca²⁺ Nanomodulator for Multilevel Mitochondrial Destructionâ€Mediated Cancer Therapy. Advanced Materials, 2021, 33, e2007426.	11.1	177
49	Polymer Fiber Scaffolds for Bone and Cartilage Tissue Engineering. Advanced Functional Materials, 2019, 29, 1903279.	7.8	176
50	Polymerization ofrac-Lactide Using Schiff Base Aluminum Catalysts:Â Structure, Activity, and Stereoselectivity. Macromolecules, 2007, 40, 1904-1913.	2.2	174
51	Nanotherapeutics relieve rheumatoid arthritis. Journal of Controlled Release, 2017, 252, 108-124.	4.8	170
52	Well-defined polymer-drug conjugate engineered with redox and pH-sensitive release mechanism for efficient delivery of paclitaxel. Journal of Controlled Release, 2014, 194, 220-227.	4.8	169
53	Synthesis and characterization of PCL/PEG/PCL triblock copolymers by using calcium catalyst. Polymer, 2003, 44, 2025-2031.	1.8	167
54	Chiral Salan Aluminium Ethyl Complexes and Their Application in Lactide Polymerization. Chemistry - A European Journal, 2009, 15, 9836-9845.	1.7	164

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55	Noncovalent interaction-assisted polymeric micelles for controlled drug delivery. Chemical Communications, 2014, 50, 11274-11290.	2.2	162
56	Electroactive composite scaffold with locally expressed osteoinductive factor for synergistic bone repair upon electrical stimulation. Biomaterials, 2020, 230, 119617.	5.7	162
57	Kartogenin-Incorporated Thermogel Supports Stem Cells for Significant Cartilage Regeneration. ACS Applied Materials & Interfaces, 2016, 8, 5148-5159.	4.0	160
58	pH-Triggered Charge-Reversal Polypeptide Nanoparticles for Cisplatin Delivery: Preparation and In Vitro Evaluation. Biomacromolecules, 2013, 14, 2023-2032.	2.6	159
59	The nanocomposite scaffold of poly(lactide-co-glycolide) and hydroxyapatite surface-grafted with l-lactic acid oligomer for bone repair. Acta Biomaterialia, 2009, 5, 2680-2692.	4.1	157
60	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. Biomaterials, 2016, 75, 148-162.	5.7	157
61	Porphyrin-based covalent organic framework nanoparticles for photoacoustic imaging-guided photodynamic and photothermal combination cancer therapy. Biomaterials, 2019, 223, 119459.	5.7	157
62	BCNU-loaded PEGâ€“PLLA ultrafine fibers and their in vitro antitumor activity against Glioma C6 cells. Journal of Controlled Release, 2006, 114, 307-316.	4.8	155
63	Selectively Potentiating Hypoxia Levels by Combretastatin A4 Nanomedicine: Toward Highly Enhanced Hypoxiaâ€Activated Prodrug Tirapazamine Therapy for Metastatic Tumors. Advanced Materials, 2019, 31, e1805955.	11.1	154
64	Selfâ€Stabilized Hyaluronate Nanogel for Intracellular Codelivery of Doxorubicin and Cisplatin to Osteosarcoma. Advanced Science, 2018, 5, 1700821.	5.6	153
65	Surface-grafted silica linked with l-lactic acid oligomer: A novel nanofiller to improve the performance of biodegradable poly(l-lactide). Polymer, 2007, 48, 1688-1694.	1.8	152
66	Advances in nanomedicine for cancer starvation therapy. Theranostics, 2019, 9, 8026-8047.	4.6	151
67	Synthesis and characterization of the paclitaxel/MPEG-PLA block copolymer conjugate. Biomaterials, 2005, 26, 2121-2128.	5.7	148
68	Biodegradable Block Copolymer-Doxorubicin Conjugates via Different Linkages: Preparation, Characterization, and In Vitro Evaluation. Biomacromolecules, 2010, 11, 2094-2102.	2.6	148
69	Facile Synthesis of Glycopolypeptides by Combination of Ringâ€Opening Polymerization of an Alkyneâ€Substituted Nâ€carboxyanhydride and Click â€œGlycosylationâ€. Macromolecular Rapid Communications, 2010, 31, 991-997.	2.0	146
70	Recent progress in polymer-based platinum drug delivery systems. Progress in Polymer Science, 2018, 87, 70-106.	11.8	144
71	Synthesis of biodegradable thermo- and pH-responsive hydrogels for controlled drug release. Polymer, 2009, 50, 4308-4316.	1.8	142
72	Dual Drug Backboned Shattering Polymeric Theranostic Nanomedicine for Synergistic Eradication of Patientâ€Derived Lung Cancer. Advanced Materials, 2018, 30, 1706220.	11.1	142

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73	Biocompatible reduction-responsive polypeptide micelles as nanocarriers for enhanced chemotherapy efficacy in vitro. Journal of Materials Chemistry B, 2013, 1, 69-81.	2.9	141
74	Rationally Designed Polymer Conjugate for Tumor-Specific Amplification of Oxidative Stress and Boosting Antitumor Immunity. Nano Letters, 2020, 20, 2514-2521.	4.5	140
75	Preparation of photo-cross-linked pH-responsive polypeptide nanogels as potential carriers for controlled drug delivery. Journal of Materials Chemistry, 2011, 21, 11383.	6.7	138
76	PLK1shRNA and doxorubicin co-loaded thermosensitive PLGA-PEG-PLGA hydrogels for osteosarcoma treatment. Biomaterials, 2014, 35, 8723-8734.	5.7	136
77	Versatile preparation of intracellular-acidity-sensitive oxime-linked polysaccharide-doxorubicin conjugate for malignancy therapeutic. Biomaterials, 2015, 54, 72-86.	5.7	136
78	Localized Co-delivery of Doxorubicin, Cisplatin, and Methotrexate by Thermosensitive Hydrogels for Enhanced Osteosarcoma Treatment. ACS Applied Materials & Interfaces, 2015, 7, 27040-27048.	4.0	134
79	Intracellular microenvironment responsive PEGylated polypeptide nanogels with ionizable cores for efficient doxorubicin loading and triggered release. Journal of Materials Chemistry, 2012, 22, 14168.	6.7	132
80	Ultrafine fibers electrospun from biodegradable polymers. Journal of Applied Polymer Science, 2003, 89, 1085-1092.	1.3	131
81	Study of the Synthesis, Crystallization, and Morphology of Poly(ethylene glycol)â^'Poly(Îµ-caprolactone) Diblock Copolymers. Biomacromolecules, 2004, 5, 2042-2047.	2.6	131
82	Polymerization of Lactide Using Achiral Bis(pyrrolidene) Schiff Base Aluminum Complexes. Macromolecules, 2009, 42, 1058-1066.	2.2	131
83	Polymer materials for prevention of postoperative adhesion. Acta Biomaterialia, 2017, 61, 21-40.	4.1	130
84	A glutathione-responsive sulfur dioxide polymer prodrug as a nanocarrier for combating drug-resistance in cancer chemotherapy. Biomaterials, 2018, 178, 706-719.	5.7	130
85	Injectable Selfâ€Healing Hydrogel Wound Dressing with Cysteineâ€Specific Onâ€Demand Dissolution Property Based on Tandem Dynamic Covalent Bonds. Advanced Functional Materials, 2021, 31, 2011230.	7.8	130
86	Sandwichâ€Like Fibers/Sponge Composite Combining Chemotherapy and Hemostasis for Efficient Postoperative Prevention of Tumor Recurrence and Metastasis. Advanced Materials, 2018, 30, e1803217.	11.1	129
87	Controlled release of urea encapsulated by starch-g-poly(l-lactide). Carbohydrate Polymers, 2008, 72, 342-348.	5.1	128
88	pH- and thermo-responsive poly(N-isopropylacrylamide-co-acrylic acid derivative) copolymers and hydrogels with LCST dependent on pH and alkyl side groups. Journal of Materials Chemistry B, 2013, 1, 5578.	2.9	127
89	Receptor and Microenvironment Dual-Recognizable Nanogel for Targeted Chemotherapy of Highly Metastatic Malignancy. Nano Letters, 2017, 17, 4526-4533.	4.5	127
90	Synthesis and Characterization of RGD Peptide Grafted Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (glycol)-b-Poly(l-lactid 590-596.	2.6	126

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91	Biodegradable pH-responsive polyacrylic acid derivative hydrogels with tunable swelling behavior for oral delivery of insulin. Polymer, 2013, 54, 1786-1793.	1.8	126
92	Anti-tumor efficacy of c(RGDfK)-decorated polypeptide-based micelles co-loaded with docetaxel and cisplatin. Biomaterials, 2014, 35, 3005-3014.	5.7	126
93	RGD targeting hyaluronic acid coating system for PEI-PBLG polycation gene carriers. Journal of Controlled Release, 2011, 155, 47-53.	4.8	125
94	Fabrication and Drug Delivery of Ultrathin Mesoporous Bioactive Glass Hollow Fibers. Advanced Functional Materials, 2010, 20, 1503-1510.	7.8	124
95	Disulfide crosslinked PEGylated starch micelles as efficient intracellular drug delivery platforms. Soft Matter, 2013, 9, 2224.	1.2	122
96	Pharmacokinetics, biodistribution and in vivo efficacy of cisplatin loaded poly(l-glutamic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (a Controlled Release, 2015, 205, 89-97.	4.8	122
97	Enolic Schiff Base Aluminum Complexes and Their Catalytic Stereoselective Polymerization of Racemic Lactide. Chemistry - A European Journal, 2008, 14, 3126-3136.	1.7	121
98	Co-Electrospun Blends of PLGA, Gelatin, and Elastin as Potential Nonthrombogenic Scaffolds for Vascular Tissue Engineering. Biomacromolecules, 2011, 12, 399-408.	2.6	121
99	pH and reduction dual-responsive nanogel cross-linked by quaternization reaction for enhanced cellular internalization and intracellular drug delivery. Polymer Chemistry, 2013, 4, 1199-1207.	1.9	121
100	Biodegradable, p<scp>H</scp>â€<scp>R</scp>esponsive Carboxymethyl Cellulose/<scp>P</scp>oly(<scp>A</scp>crylic Acid) Hydrogels for Oral Insulin Delivery. Macromolecular Bioscience, 2014, 14, 565-575.	2.1	121
101	Nanoparticles for Gene Delivery. Small, 2013, 9, 2034-2044.	5.2	120
102	Component effect of stem cell-loaded thermosensitive polypeptide hydrogels on cartilage repair. Acta Biomaterialia, 2018, 73, 103-111.	4.1	117
103	Electrospun poly(l-lactide)-grafted hydroxyapatite/poly(l-lactide) nanocomposite fibers. European Polymer Journal, 2007, 43, 3187-3196.	2.6	115
104	Surface modification of bioactive glass nanoparticles and the mechanical and biological properties of poly(l-lactide) composites. Acta Biomaterialia, 2008, 4, 1005-1015.	4.1	115
105	Synthesis and Characterization of Novel Biodegradable and Electroactive Hydrogel Based on Aniline Oligomer and Gelatin. Macromolecular Bioscience, 2012, 12, 241-250.	2.1	115
106	Tailoring Platinum(IV) Amphiphiles for Self-Targeting All-in-One Assemblies as Precise Multimodal Theranostic Nanomedicine. ACS Nano, 2018, 12, 7272-7281.	7.3	114
107	Poly(l-lysine)-Graft-Chitosan Copolymers:Â Synthesis, Characterization, and Gene Transfection Effect. Biomacromolecules, 2007, 8, 1425-1435.	2.6	113
108	A biodegradable triblock copolymer poly(ethylene glycol)-b-poly(l-lactide)-b-poly(l-lysine): Synthesis, self-assembly, and RGD peptide modification. Polymer, 2007, 48, 139-149.	1.8	113

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109	Preparation, Bioactivity, and Drug Release of Hierarchical Nanoporous Bioactive Glass Ultrathin Fibers. Advanced Materials, 2010, 22, 754-758.	11.1	113
110	Investigation of Poly(lactide) Stereocomplexes: 3-Armed Poly(<scp>l</scp>-lactide) Blended with Linear and 3-Armed Enantiomers. Journal of Physical Chemistry B, 2012, 116, 9983-9991.	1.2	113
111	Polypeptide-based combination of paclitaxel and cisplatin for enhanced chemotherapy efficacy and reduced side-effects. Acta Biomaterialia, 2014, 10, 1392-1402.	4.1	113
112	A pH-Responsive Detachable PEG Shielding Strategy for Gene Delivery System in Cancer Therapy. Biomacromolecules, 2017, 18, 1342-1349.	2.6	113
113	Study on crystalline morphology of poly(l-lactide)-poly(ethylene glycol) diblock copolymer. Polymer, 2004, 45, 5969-5977.	1.8	111
114	Pyrrolide-Ligated Organoyttrium Complexes. Synthesis, Characterization, and Lactide Polymerization Behavior. Organometallics, 2007, 26, 671-678.	1.1	111
115	Covalent Organic Nanosheets Integrated Heterojunction with Two Strategies To Overcome Hypoxic-Tumor Photodynamic Therapy. Chemistry of Materials, 2019, 31, 3313-3323.	3.2	111
116	Electroactive Oligoaniline-Containing Self-Assembled Monolayers for Tissue Engineering Applications. Biomacromolecules, 2007, 8, 3025-3034.	2.6	110
117	Enantiomeric PLAâ€“PEG block copolymers and their stereocomplex micelles used as rifampin delivery. Journal of Nanoparticle Research, 2007, 9, 777-785.	0.8	109
118	Thermosensitive hydrogels based on polypeptides for localized and sustained delivery of anticancer drugs. Biomaterials, 2013, 34, 10338-10347.	5.7	109
119	The immobilization of proteins on biodegradable polymer fibers via click chemistry. Biomaterials, 2008, 29, 1118-1126.	5.7	108
120	Controlled synthesis of PEI-coated gold nanoparticles using reductive catechol chemistry for siRNA delivery. Journal of Controlled Release, 2011, 155, 3-10.	4.8	108
121	RGD-Conjugated Copolymer Incorporated into Composite of Poly(lactide-co-glycotide) and Poly(l-lactide)-Grafted Nanohydroxyapatite for Bone Tissue Engineering. Biomacromolecules, 2011, 12, 2667-2680.	2.6	108
122	Synthesis of Biodegradable and Electroactive Tetraaniline Grafted Poly(ester amide) Copolymers for Bone Tissue Engineering. Biomacromolecules, 2012, 13, 2881-2889.	2.6	106
123	Self-reinforced endocytoses of smart polypeptide nanogels for â€œon-demandâ€•drug delivery. Journal of Controlled Release, 2013, 172, 444-455.	4.8	106
124	Supramolecular Assembled Programmable Nanomedicine As In Situ Cancer Vaccine for Cancer Immunotherapy. Advanced Materials, 2021, 33, e2007293.	11.1	106
125	Disulfide Crossâ€Linked Polyurethane Micelles as a Reductionâ€Triggered Drug Delivery System for Cancer Therapy. Advanced Healthcare Materials, 2014, 3, 752-760.	3.9	105
126	Molecular Strings Significantly Improved the Gene Transfection Efficiency of Polycations. Journal of the American Chemical Society, 2018, 140, 11992-12000.	6.6	105

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127	Polymer scaffolds facilitate spinal cord injury repair. Acta Biomaterialia, 2019, 88, 57-77.	4.1	105
128	Biodegradable poly(l-lactide)/poly(É›-caprolactone)-modified montmorillonite nanocomposites: Preparation and characterization. Polymer, 2007, 48, 6439-6447.	1.8	104
129	Synthesis of thermal and oxidation dual responsive polymers for reactive oxygen species (ROS)-triggered drug release. Polymer Chemistry, 2015, 6, 738-747.	1.9	104
130	Engineering Metalâ€“Organic Frameworks for Photoacoustic Imaging-Guided Chemo-/Photothermal Combinational Tumor Therapy. ACS Applied Materials & Interfaces, 2018, 10, 41035-41045.	4.0	104
131	A Multistage Cooperative Nanoplatform Enables Intracellular Coâ€Delivery of Proteins and Chemotherapeutics for Cancer Therapy. Advanced Materials, 2020, 32, e2000013.	11.1	104
132	Direct Formation of Giant Vesicles from Synthetic Polypeptides. Langmuir, 2007, 23, 8308-8315.	1.6	103
133	pH and reduction dual responsive polyurethane triblock copolymers for efficient intracellular drug delivery. Soft Matter, 2013, 9, 2637.	1.2	103
134	From Antimicrobial Peptides to Antimicrobial Poly(Î±â€amino acid)s. Advanced Healthcare Materials, 2018, 7, e1800354.	3.9	102
135	PLA-PEG-PLA and Its Electroactive Tetraaniline Copolymer as Multi-interactive Injectable Hydrogels for Tissue Engineering. Biomacromolecules, 2013, 14, 1904-1912.	2.6	100
136	Gold Nanorods Electrostatically Binding Nucleic Acid Probe for In Vivo MicroRNA Amplified Detection and Photoacoustic Imagingâ€Guided Photothermal Therapy. Advanced Functional Materials, 2018, 28, 1800490.	7.8	100
137	pH-responsive zwitterionic copolypeptides as charge conversional shielding system for gene carriers. Journal of Controlled Release, 2014, 174, 117-125.	4.8	99
138	Interleukin-15 and cisplatin co-encapsulated thermosensitive polypeptide hydrogels for combined immuno-chemotherapy. Journal of Controlled Release, 2017, 255, 81-93.	4.8	99
139	Multifunctional Theranostic Nanoparticles Derived from Fruit-Extracted Anthocyanins with Dynamic Disassembly and Elimination Abilities. ACS Nano, 2018, 12, 8255-8265.	7.3	99
140	Smart transformable nanoparticles for enhanced tumor theranostics. Applied Physics Reviews, 2021, 8, .	5.5	99
141	Magnesium and Zinc Complexes Supported by N,O-Bidentate Pyridyl Functionalized Alkoxy Ligands: Synthesis and Immortal ROP of Îµ-CL and <scp>l</scp>-LA. Organometallics, 2012, 31, 4182-4190.	1.1	98
142	Targeted hydroxyethyl starch prodrug for inhibiting the growth and metastasis of prostate cancer. Biomaterials, 2017, 116, 82-94.	5.7	98
143	Mucoadhesive Cationic Polypeptide Nanogel with Enhanced Penetration for Efficient Intravesical Chemotherapy of Bladder Cancer. Advanced Science, 2018, 5, 1800004.	5.6	98
144	Tumor microenvironment-responsive hyaluronate-calcium carbonate hybrid nanoparticle enables effective chemotherapy for primary and advanced osteosarcomas. Nano Research, 2018, 11, 4806-4822.	5.8	98

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145	Highly enhanced cancer immunotherapy by combining nanovaccine with hyaluronidase. Biomaterials, 2018, 171, 198-206.	5.7	98
146	Decisive Role of Hydrophobic Side Groups of Polypeptides in Thermosensitive Gelation. Biomacromolecules, 2012, 13, 2053-2059.	2.6	97
147	Synergistic co-delivery of doxorubicin and paclitaxel by porous PLGA microspheres for pulmonary inhalation treatment. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 88, 1086-1093.	2.0	97
148	Thermo-sensitive polypeptide hydrogel for locally sequential delivery of two-pronged antitumor drugs. Acta Biomaterialia, 2017, 58, 44-53.	4.1	97
149	Formation of a Unique Crystal Morphology for the Poly(ethylene glycol)â˜Poly(Îµ-caprolactone) Diblock Copolymer. Biomacromolecules, 2006, 7, 252-258.	2.6	96
150	Poly(l-lactide)/starch blends compatibilized with poly(l-lactide)-g-starch copolymer. Carbohydrate Polymers, 2006, 65, 75-80.	5.1	96
151	Targeted delivery of cisplatin by LHRH-peptide conjugated dextran nanoparticles suppresses breast cancer growth and metastasis. Acta Biomaterialia, 2015, 18, 132-143.	4.1	96
152	Glucose-sensitive polypeptide micelles for self-regulated insulin release at physiological pH. Journal of Materials Chemistry, 2012, 22, 12319.	6.7	95
153	miRNA oligonucleotide and sponge for miRNA-21 inhibition mediated by PEI-PLL in breast cancer therapy. Acta Biomaterialia, 2015, 25, 184-193.	4.1	95
154	Locally Deployable Nanofiber Patch for Sequential Drug Delivery in Treatment of Primary and Advanced Orthotopic Hepatomas. ACS Nano, 2018, 12, 6685-6699.	7.3	95
155	Treatment of severe sepsis with nanoparticulate cell-free DNA scavengers. Science Advances, 2020, 6, eaay7148.	4.7	94
156	Bioactive Materials Promote Wound Healing through Modulation of Cell Behaviors. Advanced Science, 2022, 9, e2105152.	5.6	94
157	Improved Cell Adhesion and Osteogenesis of op-HA/PLGA Composite by Poly(dopamine)-Assisted Immobilization of Collagen Mimetic Peptide and Osteogenic Growth Peptide. ACS Applied Materials & Interfaces, 2016, 8, 26559-26569.	4.0	93
158	Cyanine-Assisted Exfoliation of Covalent Organic Frameworks in Nanocomposites for Highly Efficient Chemo-Photothermal Tumor Therapy. ACS Applied Materials & Interfaces, 2019, 11, 39503-39512.	4.0	93
159	Pulmonary Codelivery of Doxorubicin and siRNA by pHâ€Sensitive Nanoparticles for Therapy of Metastatic Lung Cancer. Small, 2015, 11, 4321-4333.	5.2	92
160	Scavenger Receptor-Mediated Targeted Treatment of Collagen-Induced Arthritis by Dextran Sulfate-Methotrexate Prodrug. Theranostics, 2017, 7, 97-105.	4.6	92
161	Remarkable Melting Behavior of PLA Stereocomplex in Linear PLLA/PDLA Blends. Industrial & Engineering Chemistry Research, 2015, 54, 2246-2253.	1.8	91
162	Positively charged polypeptide nanogel enhances mucoadhesion and penetrability of 10-hydroxycamptothecin in orthotopic bladder carcinoma. Journal of Controlled Release, 2017, 259, 136-148.	4.8	91

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163	Nanogelâ€Incorporated Physical and Chemical Hybrid Gels for Highly Effective Chemoâ€“Protein Combination Therapy. Advanced Functional Materials, 2015, 25, 6744-6755.	7.8	90
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