

Xuesi Chen

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

785
papers

38,295
citations

100
h-index

147
g-index

820
ext. papers

43,790
ext. citations

7.7
avg, IF

7.73
L-index

#	Paper	IF	Citations
785	Biodegradable synthetic polymers: Preparation, functionalization and biomedical application. <i>Progress in Polymer Science</i> , 2012 , 37, 237-280	29.6	938
784	Biodegradable electrospun fibers for drug delivery. <i>Journal of Controlled Release</i> , 2003 , 92, 227-31	11.7	697
783	Antibacterial Hydrogels. <i>Advanced Science</i> , 2018 , 5, 1700527	13.6	409
782	Influence of the drug compatibility with polymer solution on the release kinetics of electrospun fiber formulation. <i>Journal of Controlled Release</i> , 2005 , 105, 43-51	11.7	383
781	Nano-composite of poly(L-lactide) and surface grafted hydroxyapatite: mechanical properties and biocompatibility. <i>Biomaterials</i> , 2005 , 26, 6296-304	15.6	369
780	Biodegradable electrospun poly(l-lactide) fibers containing antibacterial silver nanoparticles. <i>European Polymer Journal</i> , 2006 , 42, 2081-2087	5.2	310
779	Electrospun polymer biomaterials. <i>Progress in Polymer Science</i> , 2019 , 90, 1-34	29.6	303
778	Sequentially Responsive Shell-Stacked Nanoparticles for Deep Penetration into Solid Tumors. <i>Advanced Materials</i> , 2017 , 29, 1701170	24	279
777	Stimuli-sensitive synthetic polypeptide-based materials for drug and gene delivery. <i>Advanced Healthcare Materials</i> , 2012 , 1, 48-78	10.1	278
776	Co-delivery of doxorubicin and paclitaxel by PEG-polypeptide nanovehicle for the treatment of non-small cell lung cancer. <i>Biomaterials</i> , 2014 , 35, 6118-29	15.6	259
775	Achiral Lanthanide Alkyl Complexes Bearing N,O Multidentate Ligands. Synthesis and Catalysis of Highly Heteroselective Ring-Opening Polymerization of rac-Lactide. <i>Organometallics</i> , 2007 , 26, 2747-2757	3.8	258
774	Precise nanomedicine for intelligent therapy of cancer. <i>Science China Chemistry</i> , 2018 , 61, 1503-1552	7.9	256
773	Preparation of Core-Sheath Composite Nanofibers by Emulsion Electrospinning. <i>Macromolecular Rapid Communications</i> , 2006 , 27, 1637-1642	4.8	247
772	Nonviral cancer gene therapy: Delivery cascade and vector nanoproperty integration. <i>Advanced Drug Delivery Reviews</i> , 2017 , 115, 115-154	18.5	237
771	Synthesis of biodegradable and electroactive multiblock polylactide and aniline pentamer copolymer for tissue engineering applications. <i>Biomacromolecules</i> , 2008 , 9, 850-8	6.9	235
770	Synthesis and characterization of electroactive and biodegradable ABA block copolymer of polylactide and aniline pentamer. <i>Biomaterials</i> , 2007 , 28, 1741-51	15.6	234
769	In vivo mineralization and osteogenesis of nanocomposite scaffold of poly(lactide-co-glycolide) and hydroxyapatite surface-grafted with poly(L-lactide). <i>Biomaterials</i> , 2009 , 30, 58-70	15.6	221

768	Cisplatin crosslinked pH-sensitive nanoparticles for efficient delivery of doxorubicin. <i>Biomaterials</i> , 2014 , 35, 3851-64	15.6	219
767	Polylactic acid (PLA): research, development and industrialization. <i>Biotechnology Journal</i> , 2010 , 5, 1125-366	213	
766	Reactive Oxygen Species (ROS) Responsive Polymers for Biomedical Applications. <i>Macromolecular Bioscience</i> , 2016 , 16, 635-46	5.5	210
765	Polymeric nanostructured materials for biomedical applications. <i>Progress in Polymer Science</i> , 2016 , 60, 86-128	29.6	209
764	Engineered nanomedicines with enhanced tumor penetration. <i>Nano Today</i> , 2019 , 29, 100800	17.9	209
763	Biodegradable cationic PEG-PEI-PBLG hyperbranched block copolymer: synthesis and micelle characterization. <i>Biomaterials</i> , 2005 , 26, 4209-17	15.6	202
762	Grafting polymerization of L-lactide on the surface of hydroxyapatite nano-crystals. <i>Polymer</i> , 2004 , 45, 6699-6706	3.9	199
761	Stereoselective polymerization of rac-lactide using a monoethylaluminum Schiff base complex. <i>Biomacromolecules</i> , 2004 , 5, 965-70	6.9	197
760	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
759	Selective in vivo metabolic cell-labeling-mediated cancer targeting. <i>Nature Chemical Biology</i> , 2017 , 13, 415-424	11.7	188
758	Injectable Bioresponsive Gel Depot for Enhanced Immune Checkpoint Blockade. <i>Advanced Materials</i> , 2018 , 30, e1801527	24	179
757	Preparation and antibacterial effects of PVA-PVP hydrogels containing silver nanoparticles. <i>Journal of Applied Polymer Science</i> , 2007 , 103, 125-133	2.9	177
756	The release behavior of doxorubicin hydrochloride from medicated fibers prepared by emulsion-electrospinning. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008 , 70, 165-70	5.7	176
755	Injectable glycopolymer hydrogels as biomimetic scaffolds for cartilage tissue engineering. <i>Biomaterials</i> , 2015 , 51, 238-249	15.6	172
754	Nanoscaled poly(L-glutamic acid)/doxorubicin-amphiphile complex as pH-responsive drug delivery system for effective treatment of nonsmall cell lung cancer. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 1781-92	9.5	171
753	Gene transfection of hyperbranched PEI grafted by hydrophobic amino acid segment PBLG. <i>Biomaterials</i> , 2007 , 28, 2899-907	15.6	171
752	Targeted polydopamine nanoparticles enable photoacoustic imaging guided chemo-photothermal synergistic therapy of tumor. <i>Acta Biomaterialia</i> , 2017 , 47, 124-134	10.8	170
751	High Drug Loading and Sub-Quantitative Loading Efficiency of Polymeric Micelles Driven by Donor-Receptor Coordination Interactions. <i>Journal of the American Chemical Society</i> , 2018 , 140, 1235-1238	16.4	166

750	Ultrafine PEG-PLA fibers loaded with both paclitaxel and doxorubicin hydrochloride and their in vitro cytotoxicity. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009 , 72, 18-25	5.7	165
749	Production and clinical development of nanoparticles for gene delivery. <i>Molecular Therapy - Methods and Clinical Development</i> , 2016 , 3, 16023	6.4	164
748	Thermosensitive Hydrogels as Scaffolds for Cartilage Tissue Engineering. <i>Biomacromolecules</i> , 2019 , 20, 1478-1492	6.9	163
747	Electrospun polymer micro/nanofibers as pharmaceutical repositories for healthcare. <i>Journal of Controlled Release</i> , 2019 , 302, 19-41	11.7	158
746	Polymerization of rac-Lactide Using Schiff Base Aluminum Catalysts: Structure, Activity, and Stereoselectivity. <i>Macromolecules</i> , 2007 , 40, 1904-1913	5.5	158
745	Doxorubicin-loaded amphiphilic polypeptide-based nanoparticles as an efficient drug delivery system for cancer therapy. <i>Acta Biomaterialia</i> , 2013 , 9, 9330-42	10.8	157
744	Synthesis and characterization of PCL/PEG/PCL triblock copolymers by using calcium catalyst. <i>Polymer</i> , 2003 , 44, 2025-2031	3.9	157
743	Chiral salen aluminium ethyl complexes and their application in lactide polymerization. <i>Chemistry - A European Journal</i> , 2009 , 15, 9836-45	4.8	155
742	Ultrasensitive pH Triggered Charge/Size Dual-Rebound Gene Delivery System. <i>Nano Letters</i> , 2016 , 16, 6823-6831	11.5	155
741	Well-defined polymer-drug conjugate engineered with redox and pH-sensitive release mechanism for efficient delivery of paclitaxel. <i>Journal of Controlled Release</i> , 2014 , 194, 220-7	11.7	152
740	pH-Triggered charge-reversal polypeptide nanoparticles for cisplatin delivery: preparation and in vitro evaluation. <i>Biomacromolecules</i> , 2013 , 14, 2023-32	6.9	151
739	Injectable in situ self-cross-linking hydrogels based on poly(L-glutamic acid) and alginate for cartilage tissue engineering. <i>Biomacromolecules</i> , 2014 , 15, 4495-508	6.9	150
738	Immunomodulatory Nanosystems. <i>Advanced Science</i> , 2019 , 6, 1900101	13.6	147
737	A Tumor-Microenvironment-Activated Nanozyme-Mediated Theranostic Nanoreactor for Imaging-Guided Combined Tumor Therapy. <i>Advanced Materials</i> , 2019 , 31, e1902885	24	143
736	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
735	Biodegradable block copolymer-doxorubicin conjugates via different linkages: preparation, characterization, and in vitro evaluation. <i>Biomacromolecules</i> , 2010 , 11, 2094-102	6.9	141
734	Noncovalent interaction-assisted polymeric micelles for controlled drug delivery. <i>Chemical Communications</i> , 2014 , 50, 11274-90	5.8	139
733	Synthesis and characterization of the paclitaxel/MPEG-PLA block copolymer conjugate. <i>Biomaterials</i> , 2005 , 26, 2121-8	15.6	139

732	Co-delivery of chemotherapeutics and proteins for synergistic therapy. <i>Advanced Drug Delivery Reviews</i> , 2016 , 98, 64-76	18.5	138
731	The nanocomposite scaffold of poly(lactide-co-glycolide) and hydroxyapatite surface-grafted with L-lactic acid oligomer for bone repair. <i>Acta Biomaterialia</i> , 2009 , 5, 2680-92	10.8	137
730	Surface-grafted silica linked with l-lactic acid oligomer: A novel nanofiller to improve the performance of biodegradable poly(l-lactide). <i>Polymer</i> , 2007 , 48, 1688-1694	3.9	137
729	BCNU-loaded PEG-PLLA ultrafine fibers and their in vitro antitumor activity against Glioma C6 cells. <i>Journal of Controlled Release</i> , 2006 , 114, 307-16	11.7	136
728	Synthesis of biodegradable thermo- and pH-responsive hydrogels for controlled drug release. <i>Polymer</i> , 2009 , 50, 4308-4316	3.9	134
727	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
726	Polymerization of Lactide Using Achiral Bis(pyrrolidene) Schiff Base Aluminum Complexes. <i>Macromolecules</i> , 2009 , 42, 1058-1066	5.5	126
725	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
724	Synthesis and characterization of RGD peptide grafted poly(ethylene glycol)-b-poly(L-lactide)-b-poly(L-glutamic acid) triblock copolymer. <i>Biomacromolecules</i> , 2006 , 7, 590-6	6.9	125
723	Study of the synthesis, crystallization, and morphology of poly(ethylene glycol)-poly(epsilon-caprolactone) diblock copolymers. <i>Biomacromolecules</i> , 2004 , 5, 2042-7	6.9	124
722	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
721	Ultrafine fibers electrospun from biodegradable polymers. <i>Journal of Applied Polymer Science</i> , 2003 , 89, 1085-1092	2.9	121
720	Kartogenin-Incorporated Thermogel Supports Stem Cells for Significant Cartilage Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 5148-59	9.5	119
719	Enolic schiff base aluminum complexes and their catalytic stereoselective polymerization of racemic lactide. <i>Chemistry - A European Journal</i> , 2008 , 14, 3126-36	4.8	119
718	Nanotherapeutics relieve rheumatoid arthritis. <i>Journal of Controlled Release</i> , 2017 , 252, 108-124	11.7	118
717	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	15.6	118
716	Fabrication and Drug Delivery of Ultrathin Mesoporous Bioactive Glass Hollow Fibers. <i>Advanced Functional Materials</i> , 2010 , 20, 1503-1510	15.6	116
715	RGD targeting hyaluronic acid coating system for PEI-PBLG polycation gene carriers. <i>Journal of Controlled Release</i> , 2011 , 155, 47-53	11.7	115

7 ¹⁴	pH and reduction dual-responsive nanogel cross-linked by quaternization reaction for enhanced cellular internalization and intracellular drug delivery. <i>Polymer Chemistry</i> , 2013 , 4, 1199-1207	4.9	114
7 ¹³	Anti-tumor efficacy of c(RGDfK)-decorated polypeptide-based micelles co-loaded with docetaxel and cisplatin. <i>Biomaterials</i> , 2014 , 35, 3005-14	15.6	113
7 ¹²	Synthesis and characterization of novel biodegradable and electroactive hydrogel based on aniline oligomer and gelatin. <i>Macromolecular Bioscience</i> , 2012 , 12, 241-50	5.5	112
7 ¹¹	Self-Stabilized Hyaluronate Nanogel for Intracellular Codelivery of Doxorubicin and Cisplatin to Osteosarcoma. <i>Advanced Science</i> , 2018 , 5, 1700821	13.6	111
7 ¹⁰	A biodegradable triblock copolymer poly(ethylene glycol)-b-poly(l-lactide)-b-poly(l-lysine): Synthesis, self-assembly, and RGD peptide modification. <i>Polymer</i> , 2007 , 48, 139-149	3.9	111
7 ⁰⁹	Disulfide crosslinked PEGylated starch micelles as efficient intracellular drug delivery platforms. <i>Soft Matter</i> , 2013 , 9, 2224	3.6	110
7 ⁰⁸	Controlled release of urea encapsulated by starch-g-poly(l-lactide). <i>Carbohydrate Polymers</i> , 2008 , 72, 342-348	10.3	110
7 ⁰⁷	Versatile preparation of intracellular-acidity-sensitive oxime-linked polysaccharide-doxorubicin conjugate for malignancy therapeutic. <i>Biomaterials</i> , 2015 , 54, 72-86	15.6	108
7 ⁰⁶	PLK1shRNA and doxorubicin co-loaded thermosensitive PLGA-PEG-PLGA hydrogels for osteosarcoma treatment. <i>Biomaterials</i> , 2014 , 35, 8723-34	15.6	108
7 ⁰⁵	Nanoparticles for gene delivery. <i>Small</i> , 2013 , 9, 2034-44	11	108
7 ⁰⁴	Co-electrospun blends of PLGA, gelatin, and elastin as potential nonthrombogenic scaffolds for vascular tissue engineering. <i>Biomacromolecules</i> , 2011 , 12, 399-408	6.9	107
7 ⁰³	Polymer Fiber Scaffolds for Bone and Cartilage Tissue Engineering. <i>Advanced Functional Materials</i> , 2019 , 29, 1903279	15.6	105
7 ⁰²	Localized Co-delivery of Doxorubicin, Cisplatin, and Methotrexate by Thermosensitive Hydrogels for Enhanced Osteosarcoma Treatment. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 27040-8	9.5	105
7 ⁰¹	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
7 ⁰⁰	Pyrrolide-Ligated Organoyttrium Complexes. Synthesis, Characterization, and Lactide Polymerization Behavior. <i>Organometallics</i> , 2007 , 26, 671-678	3.8	104
6 ⁹⁹	Study on crystalline morphology of poly(l-lactide)-poly(ethylene glycol) diblock copolymer. <i>Polymer</i> , 2004 , 45, 5969-5977	3.9	104
6 ⁹⁸	Porphyrin-based covalent organic framework nanoparticles for photoacoustic imaging-guided photodynamic and photothermal combination cancer therapy. <i>Biomaterials</i> , 2019 , 223, 119459	15.6	103
6 ⁹⁷	Selectively Potentiating Hypoxia Levels by Combretastatin A4 Nanomedicine: Toward Highly Enhanced Hypoxia-Activated Prodrug Tirapazamine Therapy for Metastatic Tumors. <i>Advanced Materials</i> , 2019 , 31, e1805955	24	103

696	Surface modification of bioactive glass nanoparticles and the mechanical and biological properties of poly(L-lactide) composites. <i>Acta Biomaterialia</i> , 2008 , 4, 1005-15	10.8	103
695	Receptor and Microenvironment Dual-Recognizable Nanogel for Targeted Chemotherapy of Highly Metastatic Malignancy. <i>Nano Letters</i> , 2017 , 17, 4526-4533	11.5	102
694	Preparation, bioactivity, and drug release of hierarchical nanoporous bioactive glass ultrathin fibers. <i>Advanced Materials</i> , 2010 , 22, 754-8	24	102
693	Poly(L-lysine)-graft-chitosan copolymers: synthesis, characterization, and gene transfection effect. <i>Biomacromolecules</i> , 2007 , 8, 1425-35	6.9	102
692	Biodegradable, pH-responsive carboxymethyl cellulose/poly(acrylic acid) hydrogels for oral insulin delivery. <i>Macromolecular Bioscience</i> , 2014 , 14, 565-75	5.5	101
691	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
690	RGD-conjugated copolymer incorporated into composite of poly(lactide-co-glycotide) and poly(L-lactide)-grafted nanohydroxyapatite for bone tissue engineering. <i>Biomacromolecules</i> , 2011 , 12, 2667-80	6.9	101
689	Electrospun poly(l-lactide)-grafted hydroxyapatite/poly(l-lactide) nanocomposite fibers. <i>European Polymer Journal</i> , 2007 , 43, 3187-3196	5.2	101
688	The immobilization of proteins on biodegradable polymer fibers via click chemistry. <i>Biomaterials</i> , 2008 , 29, 1118-26	15.6	101
687	Enantiomeric PLAPPEG block copolymers and their stereocomplex micelles used as rifampin delivery. <i>Journal of Nanoparticle Research</i> , 2007 , 9, 777-785	2.3	100
686	Electroactive composite scaffold with locally expressed osteoinductive factor for synergistic bone repair upon electrical stimulation. <i>Biomaterials</i> , 2020 , 230, 119617	15.6	100
685	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
684	Direct formation of giant vesicles from synthetic polypeptides. <i>Langmuir</i> , 2007 , 23, 8308-15	4	98
683	Electroactive oligoaniline-containing self-assembled monolayers for tissue engineering applications. <i>Biomacromolecules</i> , 2007 , 8, 3025-34	6.9	98
682	Biodegradable poly(l-lactide)/poly(e-caprolactone)-modified montmorillonite nanocomposites: Preparation and characterization. <i>Polymer</i> , 2007 , 48, 6439-6447	3.9	97
681	Recent progress in polymer-based platinum drug delivery systems. <i>Progress in Polymer Science</i> , 2018 , 87, 70-106	29.6	96
680	Investigation of poly(lactide) stereocomplexes: 3-armed poly(L-lactide) blended with linear and 3-armed enantiomers. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 9983-91	3.4	96
679	pH and reduction dual responsive polyurethane triblock copolymers for efficient intracellular drug delivery. <i>Soft Matter</i> , 2013 , 9, 2637	3.6	96

678	Controlled synthesis of PEI-coated gold nanoparticles using reductive catechol chemistry for siRNA delivery. <i>Journal of Controlled Release</i> , 2011 , 155, 3-10	11.7	96
677	Dual Drug Backboned Shattering Polymeric Theranostic Nanomedicine for Synergistic Eradication of Patient-Derived Lung Cancer. <i>Advanced Materials</i> , 2018 , 30, 1706220	24	95
676	Polypeptide-based combination of paclitaxel and cisplatin for enhanced chemotherapy efficacy and reduced side-effects. <i>Acta Biomaterialia</i> , 2014 , 10, 1392-402	10.8	95
675	Thermosensitive hydrogels based on polypeptides for localized and sustained delivery of anticancer drugs. <i>Biomaterials</i> , 2013 , 34, 10338-47	15.6	93
674	Poly(l-lactide)/starch blends compatibilized with poly(l-lactide)-g-starch copolymer. <i>Carbohydrate Polymers</i> , 2006 , 65, 75-80	10.3	93
673	Pharmacokinetics, biodistribution and in vivo efficacy of cisplatin loaded poly(L-glutamic acid)-g-methoxy poly(ethylene glycol) complex nanoparticles for tumor therapy. <i>Journal of Controlled Release</i> , 2015 , 205, 89-97	11.7	92
672	PLA-PEG-PLA and its electroactive tetraaniline copolymer as multi-interactive injectable hydrogels for tissue engineering. <i>Biomacromolecules</i> , 2013 , 14, 1904-12	6.9	92
671	pH-responsive zwitterionic copolypeptides as charge conversional shielding system for gene carriers. <i>Journal of Controlled Release</i> , 2014 , 174, 117-25	11.7	91
670	Synthesis of biodegradable and electroactive tetraaniline grafted poly(ester amide) copolymers for bone tissue engineering. <i>Biomacromolecules</i> , 2012 , 13, 2881-9	6.9	90
669	Disulfide cross-linked polyurethane micelles as a reduction-triggered drug delivery system for cancer therapy. <i>Advanced Healthcare Materials</i> , 2014 , 3, 752-60	10.1	89
668	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
667	Decisive role of hydrophobic side groups of polypeptides in thermosensitive gelation. <i>Biomacromolecules</i> , 2012 , 13, 2053-9	6.9	88
666	Formation of a unique crystal morphology for the poly(ethylene glycol)-poly(epsilon-caprolactone) diblock copolymer. <i>Biomacromolecules</i> , 2006 , 7, 252-8	6.9	88
665	A pH-Responsive Detachable PEG Shielding Strategy for Gene Delivery System in Cancer Therapy. <i>Biomacromolecules</i> , 2017 , 18, 1342-1349	6.9	87
664	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
663	Synthesis and characterization of poly(ethylene glycol)-b-poly(l-lactide)-b-poly(l-glutamic acid) triblock copolymer. <i>Polymer</i> , 2005 , 46, 653-659	3.9	87
662	Component effect of stem cell-loaded thermosensitive polypeptide hydrogels on cartilage repair. <i>Acta Biomaterialia</i> , 2018 , 73, 103-111	10.8	84
661	Glucose-sensitive polypeptide micelles for self-regulated insulin release at physiological pH. <i>Journal of Materials Chemistry</i> , 2012 , 22, 12319		84

660	Magnesium and Zinc Complexes Supported by N,O-Bidentate Pyridyl Functionalized Alkoxy Ligands: Synthesis and Immortal ROP of ECL and L-LA. <i>Organometallics</i> , 2012 , 31, 4182-4190	3.8	83
659	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
658	The starch grafted poly(L-lactide) and the physical properties of its blending composites. <i>Polymer</i> , 2005 , 46, 5723-5729	3.9	83
657	Targeted hydroxyethyl starch prodrug for inhibiting the growth and metastasis of prostate cancer. <i>Biomaterials</i> , 2017 , 116, 82-94	15.6	82
656	Electrospinning of aniline pentamer-graft-gelatin/PLLA nanofibers for bone tissue engineering. <i>Acta Biomaterialia</i> , 2014 , 10, 5074-5080	10.8	82
655	Micellization and reversible pH-sensitive phase transfer of the hyperbranched multiarm PEI-PBLG Copolymer. <i>Chemistry - A European Journal</i> , 2006 , 12, 4305-12	4.8	82
654	Synergistic co-delivery of doxorubicin and paclitaxel by porous PLGA microspheres for pulmonary inhalation treatment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014 , 88, 1086-93	5.7	81
653	The influence of hard-segments on two-phase structure and shape memory properties of PCL-based segmented polyurethanes. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007 , 45, 557-570	2.6	81
652	Stereoselective polymerization of rac-lactide with a bulky aluminum/Schiff base complex. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 5974-5982	2.5	81
651	Tailoring Platinum(IV) Amphiphiles for Self-Targeting All-in-One Assemblies as Precise Multimodal Theranostic Nanomedicine. <i>ACS Nano</i> , 2018 , 12, 7272-7281	16.7	80
650	Polymer materials for prevention of postoperative adhesion. <i>Acta Biomaterialia</i> , 2017 , 61, 21-40	10.8	80
649	Facile Synthesis of Hydroxyl-Ended, Highly Stereoregular, Star-Shaped Poly(lactide) from Immortal ROP of rac-Lactide and Kinetics Study. <i>Macromolecules</i> , 2010 , 43, 6678-6684	5.5	80
648	Lactose mediated liver-targeting effect observed by ex vivo imaging technology. <i>Biomaterials</i> , 2010 , 31, 2646-54	15.6	80
647	Versatile synthesis of temperature-sensitive polypeptides by click grafting of oligo(ethylene glycol). <i>Polymer Chemistry</i> , 2011 , 2, 2627	4.9	79
646	Composition dependence of the crystallization behavior and morphology of the poly(ethylene oxide)-poly(epsilon-caprolactone) diblock copolymer. <i>Biomacromolecules</i> , 2006 , 7, 3482-9	6.9	78
645	Pulmonary Codelivery of Doxorubicin and siRNA by pH-Sensitive Nanoparticles for Therapy of Metastatic Lung Cancer. <i>Small</i> , 2015 , 11, 4321-33	11	77
644	Nanogel-Incorporated Physical and Chemical Hybrid Gels for Highly Effective Chemo-Protein Combination Therapy. <i>Advanced Functional Materials</i> , 2015 , 25, 6744-6755	15.6	77
643	Layer-by-layer assembly of poly(L-glutamic acid)/chitosan microcapsules for high loading and sustained release of 5-fluorouracil. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011 , 78, 336-45	5.7	77

- 642 Sandwich-Like Fibers/Sponge Composite Combining Chemotherapy and Hemostasis for Efficient Postoperative Prevention of Tumor Recurrence and Metastasis. *Advanced Materials*, **2018**, 30, e1803217²⁴ 77
- 641 Interleukin-15 and cisplatin co-encapsulated thermosensitive polypeptide hydrogels for combined immuno-chemotherapy. *Journal of Controlled Release*, **2017**, 255, 81-93 11.7 76
- 640 Efficacious hepatoma-targeted nanomedicine self-assembled from galactopeptide and doxorubicin driven by two-stage physical interactions. *Journal of Controlled Release*, **2013**, 169, 193-203 11.7 76
- 639 Surface modification of poly(L-lactic acid) to improve its cytocompatibility via assembly of polyelectrolytes and gelatin. *Acta Biomaterialia*, **2006**, 2, 155-64 10.8 76
- 638 A novel approach to grafting polymerization of ϵ -caprolactone onto starch granules. *Carbohydrate Polymers*, **2005**, 60, 103-109 10.3 76
- 637 Covalent Organic Nanosheets Integrated Heterojunction with Two Strategies To Overcome Hypoxic-Tumor Photodynamic Therapy. *Chemistry of Materials*, **2019**, 31, 3313-3323 9.6 75
- 636 Rationally Designed Polymer Conjugate for Tumor-Specific Amplification of Oxidative Stress and Boosting Antitumor Immunity. *Nano Letters*, **2020**, 20, 2514-2521 11.5 75
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