Jun Li

List of Publications by Year in Descending Order

176 papers	14,761 citations	67 h-index	119 g-index
187 ext. papers	15,658 ext. citations	7.1 avg, IF	6.56 L-index

#	Paper	IF	Citations
176	Facile synthesis of multifunctional carbon dots with 54.4% orange emission for label-free detection of morin and endogenous/exogenous hypochlorite. *Journal of Hazardous Materials*, **2022**, 424, 127289	12.8	2
175	Supramolecular Surface Functionalization of Iron Oxide Nanoparticles with Cyclodextrin-Based Cationic Star Polymer for Magnetically-Enhanced Gene Delivery. *Pharmaceutics*, **2021**, 13,	6.4	2
174	Nonviral DNA Delivery System with Supramolecular PEGylation Formed by Host-Guest Pseudo-Block Copolymers.. *ACS Applied Bio Materials*, **2021**, 4, 5057-5070	4.1	1
173	Use of okara-derived hydrogel for enhancing growth of plants by minimizing leaching and locking nutrients and water in growing substrate. *Ecological Engineering*, **2021**, 159, 106122	3.9	2
172	Cyclodextrin-Polyacrylamide Hydrogel for Removal of Organic Micropollutants from Water. *Molecules*, **2021**, 26,	4.8	3
171	Chemical Modification of Biomass Okara Using Poly(acrylic acid) through Free Radical Graft Polymerization. *Journal of Agricultural and Food Chemistry*, **2020**, 68, 13241-13246	5.7	7
170	Converting Okara to Superabsorbent Hydrogels as Soil Supplements for Enhancing the Growth of Choy Sum (Brassica sp.) under Water-Limited Conditions. *ACS Sustainable Chemistry and Engineering* , **2020**, 8, 9425-9433	8.3	12
169	Thermoresponsive Hydrogel Induced by Dual Supramolecular Assemblies and Its Controlled Release Property for Enhanced Anticancer Drug Delivery. *Biomacromolecules*, **2020**, 21, 1516-1527	6.9	36
168	Improving the handling properties and long-term stability of polyelectrolyte complex by freeze-drying technique for low-dose bone morphogenetic protein 2 delivery. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2020**, 108, 2450-2460	3.5	
167	Surface Charge Switchable Polymer/DNA Nanoparticles Responsive to Tumor Extracellular pH for Tumor-Triggered Enhanced Gene Delivery. *Biomacromolecules*, **2020**, 21, 1136-1148	6.9	22
166	A supramolecular platform for controlling and optimizing molecular architectures of siRNA targeted delivery vehicles. *Science Advances*, **2020**, 6, eabc2148	14.3	12
165	A smart thermoresponsive adsorption system for efficient copper ion removal based on alginate-g-poly(N-isopropylacrylamide) graft copolymer. *Carbohydrate Polymers*, **2019**, 219, 280-289	10.3	22
164	One-pot synthesis of cyclodextrin-based radial poly[n]catenanes. *Communications Chemistry*, **2019**, 2,	6.3	17
163	Recent Advances in Polymer-Cyclodextrin Inclusion Complex-Based Supramolecular Hydrogel for Biomedical Applications. *Springer Series in Biomaterials Science and Engineering*, **2018**, 141-163	0.6	1
162	Functional Hydrogels as Biomaterials. *Springer Series in Biomaterials Science and Engineering*, **2018**,	0.6	3
161	Controlling injectability and in vivo stability of thermogelling copolymers for delivery of yttrium-90 through intra-tumoral injection for potential brachytherapy. *Biomaterials*, **2018**, 180, 163-172	15.6	12
160	Rapid colorimetric detection of p53 protein function using DNA-gold nanoconjugates with applications for drug discovery and cancer diagnostics. *Colloids and Surfaces B: Biointerfaces*, **2018**, 169, 214-221	6	26

159	Ultrastable micelles boost chemotherapy. *Nature Biomedical Engineering*, **2018**, 2, 273-274	19	2
158	Hydrogels for Stem Cell Encapsulation: Toward Cellular Therapy for Diabetes. *Springer Series in Biomaterials Science and Engineering*, **2018**, 113-127	0.6	
157	Injectable Thermoresponsive Hydrogel Formed by Alginate-g-Poly(N-isopropylacrylamide) That Releases Doxorubicin-Encapsulated Micelles as a Smart Drug Delivery System. *ACS Applied Materials & Interfaces*, **2017**, 9, 35673-35682	9.5	122
156	Yolk shell nanocomposite particles as bioactive bone fillers and growth factor carriers. *Nanoscale*, **2017**, 9, 14520-14532	7.7	4
155	Thermoresponsive supramolecular micellar drug delivery system based on star-linear pseudo-block polymer consisting of Ecyclodextrin-poly(N-isopropylacrylamide) and adamantyl-poly(ethylene glycol). *Journal of Colloid and Interface Science*, **2017**, 490, 372-379	9.3	42
154	Thermoresponsive Delivery of Paclitaxel by ECyclodextrin-Based Poly(N-isopropylacrylamide) Star Polymer via Inclusion Complexation. *Biomacromolecules*, **2016**, 17, 3957-3963	6.9	52
153	Thermoresponsive Formation of Dimethyl Cyclodextrin Polypseudorotaxanes and Subsequent One-Pot Synthesis of Polyrotaxanes. *ACS Macro Letters*, **2016**, 5, 158-162	6.6	16
152	Host-guest interaction induced supramolecular amphiphilic star architecture and uniform nanovesicle formation for anticancer drug delivery. *Nanoscale*, **2016**, 8, 1332-7	7.7	22
151	Heparin-Based Polyelectrolyte Complex Enhances the Therapeutic Efficacy of Bone Morphogenetic Protein-2 for Posterolateral Fusion in a Large Animal Model. *Spine*, **2016**, 41, 1199-1207	3.3	7
150	Novel Protamine-Based Polyelectrolyte Carrier Enhances Low-Dose rhBMP-2 in Posterolateral Spinal Fusion. *Spine*, **2015**, 40, 613-21	3.3	9
149	Bone marrow-derived mesenchymal stem cells assembled with low-dose BMP-2 in a three-dimensional hybrid construct enhances posterolateral spinal fusion in syngeneic rats. *Spine Journal*, **2015**, 15, 2552-63	4	14
148	Functionalization of lignin through ATRP grafting of poly(2-dimethylaminoethyl methacrylate) for gene delivery. *Colloids and Surfaces B: Biointerfaces*, **2015**, 125, 230-7	6	63
147	Polyelectrolyte Complex Carrier Enhances Therapeutic Efficiency and Safety Profile of Bone Morphogenetic Protein-2 in Porcine Lumbar Interbody Fusion Model. *Spine*, **2015**, 40, 964-73	3.3	9
146	Hyaluronic acid conjugated Ecyclodextrin-oligoethylenimine star polymer for CD44-targeted gene delivery. *International Journal of Pharmaceutics*, **2015**, 483, 169-79	6.5	51
145	Gelatin-siloxane nanoparticles to deliver nitric oxide for vascular cell regulation: synthesis, cytocompatibility, and cellular responses. *Journal of Biomedical Materials Research - Part A*, **2015**, 103, 929-38	5.4	26
144	Highly Efficient Multifunctional Supramolecular Gene Carrier System Self-Assembled from Redox-Sensitive and Zwitterionic Polymer Blocks. *Advanced Functional Materials*, **2014**, 24, 3874-3884	15.6	89
143	Biomass-based thermogelling copolymers consisting of lignin and grafted poly(N-isopropylacrylamide), poly(ethylene glycol), and poly(propylene glycol). *RSC Advances*, **2014**, 4, 42996-43003	3.7	37
142	Cationic brush-like terpolymer with pH responsive thickening behavior in a surfactant system. *Polymer International*, **2014**, 63, 1584-1592	3.3	2

141	Supramolecular self-assembly forming a multifunctional synergistic system for targeted co-delivery of gene and drug. *Biomaterials*, **2014**, 35, 1050-62	15.6	126
140	Multifunctional hybrid nanocarriers consisting of supramolecular polymers and quantum dots for simultaneous dual therapeutics delivery and cellular imaging. *Advanced Healthcare Materials*, **2013**, 2, 297-301	10.1	30
139	Control of hyperbranched structure of polycaprolactone/poly(ethylene glycol) polyurethane block copolymers by glycerol and their hydrogels for potential cell delivery. *Journal of Physical Chemistry B*, **2013**, 117, 14763-74	3.4	49
138	Polyethyleneimine-grafted hyperbranched conjugated polyelectrolytes: synthesis and imaging of gene delivery. *Polymer Chemistry*, **2013**, 4, 5297	4.9	37
137	Biodegradable thermogelling poly(ester urethane)s consisting of poly(1,4-butylene adipate), poly(ethylene glycol), and poly(propylene glycol). *Soft Matter*, **2013**, 9, 787-794	3.6	22
136	FGFR-targeted gene delivery mediated by supramolecular assembly between □cyclodextrin-crosslinked PEI and redox-sensitive PEG. *Biomaterials*, **2013**, 34, 6482-94	15.6	124
135	Folic acid modified cationic □cyclodextrin-oligoethylenimine star polymer with bioreducible disulfide linker for efficient targeted gene delivery. *Biomacromolecules*, **2013**, 14, 476-84	6.9	85
134	A thermoresponsive hydrogel formed from a star-star supramolecular architecture. *Angewandte Chemie - International Edition*, **2013**, 52, 6180-4	16.4	114
133	Gelatin-based hydrogels with □cyclodextrin as a dual functional component for enhanced drug loading and controlled release. *RSC Advances*, **2013**, 3, 25041	3.7	37
132	Silk fibroin-based complex particles with bioactive encrustation for bone morphogenetic protein 2 delivery. *Biomacromolecules*, **2013**, 14, 4465-74	6.9	37
131	A Thermoresponsive Hydrogel Formed from a Star□Star Supramolecular Architecture. *Angewandte Chemie*, **2013**, 125, 6300-6304	3.6	13
130	Biodegradable hyperbranched amphiphilic polyurethane multiblock copolymers consisting of poly(propylene glycol), poly(ethylene glycol), and polycaprolactone as in situ thermogels. *Biomacromolecules*, **2012**, 13, 3977-89	6.9	95
129	Supramolecular anchoring of DNA polyplexes in cyclodextrin-based polypseudorotaxane hydrogels for sustained gene delivery. *Biomacromolecules*, **2012**, 13, 3162-72	6.9	122
128	Thermo-responsive transfection of DNA complexes with well-defined chitosan terpolymers. *Soft Matter*, **2012**, 8, 2518	3.6	12
127	Encapsulation of basic fibroblast growth factor by polyelectrolyte multilayer microcapsules and its controlled release for enhancing cell proliferation. *Biomacromolecules*, **2012**, 13, 2174-80	6.9	54
126	Supramolecular hydrogels formed by pyrene-terminated poly(ethylene glycol) star polymers through inclusion complexation of pyrene dimers with □cyclodextrin. *Chemical Communications*, **2012**, 48, 5638-40	5.8	23
125	Cationic supramolecular nanoparticles for co-delivery of gene and anticancer drug. *Chemical Communications*, **2011**, 47, 5572-4	5.8	73
124	Clickable poly(ester amine) dendrimer-grafted Fe3O4 nanoparticles prepared via successive Michael addition and alkyne□azide click chemistry. *Polymer Chemistry*, **2011**, 2, 1312	4.9	21

123	Supramolecular Polymers for Potential Biomedical Applications. *Advanced Materials Research*, **2011**, 410, 94-97	0.5	3
122	Amphiphilic star-block copolymers and supramolecular transformation of nanogel-like micelles to nanovesicles. *Chemical Communications*, **2011**, 47, 12849-51	5.8	29
121	A Gelatin-Based Hydrogel with Cyclodextrin Crosslinker for Controlled Drug Release. *IFMBE Proceedings*, **2011**, 1090-1093	0.2	
120	PEGylated antibody in organic media. *Journal of Bioscience and Bioengineering*, **2011**, 111, 564-8	3.3	6
119	Chitosan-graft-(PEI-cyclodextrin) copolymers and their supramolecular PEGylation for DNA and siRNA delivery. *Biomaterials*, **2011**, 32, 8328-41	15.6	150
118	Polyrotaxanes for applications in life science and biotechnology. *Applied Microbiology and Biotechnology*, **2011**, 90, 427-43	5.7	84
117	Chitosan-functionalized graphene oxide as a nanocarrier for drug and gene delivery. *Small*, **2011**, 7, 1569-78		694
116	Supramolecular polymers based on cyclodextrins for drug and gene delivery. *Advances in Biochemical Engineering/Biotechnology*, **2011**, 125, 207-49	1.7	7
115	Encapsulation of basic fibroblast growth factor in thermogelling copolymers preserves its bioactivity. *Journal of Materials Chemistry*, **2011**, 21, 2246		75
114	Self-Assembly and Micellization of a Dual Thermoresponsive Supramolecular Pseudo-Block Copolymer. *Macromolecules*, **2011**, 44, 1182-1193	5.5	128
113	Supramolecular hydrogels based on cyclodextrin/polymer polypseudorotaxanes: materials design and hydrogel properties. *Soft Matter*, **2011**, 7, 11290	3.6	100
112	Micellization and Thermogelation of Poly(ether urethane)s Comprising Poly(ethylene glycol) and Poly(propylene glycol). *Macromolecular Symposia*, **2010**, 296, 161-169	0.8	14
111	Mechanism of protein release from polyelectrolyte multilayer microcapsules. *Biomacromolecules*, **2010**, 11, 1241-7	6.9	106
110	Thermo- and pH-Responsive Association Behavior of Dual Hydrophilic Graft Chitosan Terpolymer Synthesized via ATRP and Click Chemistry. *Macromolecules*, **2010**, 43, 5679-5687	5.5	124
109	Efficient gene delivery with paclitaxel-loaded DNA-hybrid polyplexes based on cationic polyhedral oligomeric silsesquioxanes. *Journal of Materials Chemistry*, **2010**, 20, 10634		74
108	Construction of a star-shaped copolymer as a vector for FGF receptor-mediated gene delivery in vitro and in vivo. *Biomacromolecules*, **2010**, 11, 2221-9	6.9	47
107	Self-assembled supramolecular hydrogels based on polymer/cyclodextrin inclusion complexes for drug delivery. *NPG Asia Materials*, **2010**, 2, 112-118	10.3	116
106	Designing poly[(R)-3-hydroxybutyrate]-based polyurethane block copolymers for electrospun nanofiber scaffolds with improved mechanical properties and enhanced mineralization capability. *Journal of Physical Chemistry B*, **2010**, 114, 7489-98	3.4	33

105	Polyethyleneimine-grafted poly(N-3-hydroxypropyl)aspartamide as a biodegradable gene vector for efficient gene transfection. *Soft Matter*, **2010**, 6, 955	3.6	23
104	Elucidating rheological property enhancements in supramolecular hydrogels of short poly[(R,S)-3-hydroxybutyrate]-based amphiphilic triblock copolymer and □cyclodextrin for injectable hydrogel applications. *Soft Matter*, **2010**, 6, 2300	3.6	45
103	Controlled drug release from biodegradable thermoresponsive physical hydrogel nanofibers. *Journal of Controlled Release*, **2010**, 143, 175-82	11.7	188
102	Functionalization of Chitosan via Atom Transfer Radical Polymerization for Gene Delivery. *Advanced Functional Materials*, **2010**, 20, 3106-3116	15.6	96
101	Self-assembly of pH-responsive and fluorescent comb-like amphiphilic copolymers in aqueous media. *Polymer*, **2010**, 51, 3377-3386	3.9	37
100	Low molecular weight polyethylenimine cross-linked by 2-hydroxypropyl-gamma-cyclodextrin coupled to peptide targeting HER2 as a gene delivery vector. *Biomaterials*, **2010**, 31, 1830-8	15.6	90
99	Instability pathways of hydrogel microlenses under concentrated loadings. *Journal of Applied Physics*, **2009**, 106, 023536	2.5	2
98	Synthesis of Supramolecular Nanocapsules Based on Threading of Multiple Cyclodextrins over Polymers on Gold Nanoparticles. *Angewandte Chemie*, **2009**, 121, 3900-3903	3.6	7
97	Supramolecular hydrogels based on self-assembly between PEO-PPO-PEO triblock copolymers and alpha-cyclodextrin. *Journal of Biomedical Materials Research - Part A*, **2009**, 88, 1031-6	5.4	62
96	Cationic supramolecules consisting of oligoethylenimine-grafted alpha-cyclodextrins threaded on poly(ethylene oxide) for gene delivery. *Journal of Biomedical Materials Research - Part A*, **2009**, 89, 13-23	5.4	34
95	Surface coating with a thermoresponsive copolymer for the culture and non-enzymatic recovery of mouse embryonic stem cells. *Macromolecular Bioscience*, **2009**, 9, 1069-79	5.5	70
94	Synthesis of supramolecular nanocapsules based on threading of multiple cyclodextrins over polymers on gold nanoparticles. *Angewandte Chemie - International Edition*, **2009**, 48, 3842-5	16.4	52
93	A supramolecular gene carrier composed of multiple cationic □cyclodextrins threaded on a PPO□PEO□PPO triblock polymer. *Polymer*, **2009**, 50, 1378-1388	3.9	27
92	Formation and Evolution of Body-Centered Orthorhombic Mesophase in TiO2 Thin Films. *Journal of the American Ceramic Society*, **2009**, 92, 1317-1321	3.8	7
91	Synthesis of polypseudorotaxanes and polyrotaxanes with multiple □and □cyclodextrins co-threaded over poly[(ethylene oxide)-ran-(propylene oxide)]. *Polymer*, **2009**, 50, 4496-4504	3.9	12
90	Synthesis of polyrotaxanes consisting of multiple □cyclodextrin rings threaded on reverse Pluronic PPO□PEO□PPO triblock copolymers based on block-selected inclusion complexation. *European Polymer Journal*, **2009**, 45, 1570-1579	5.2	16
89	Improving hydrophilicity, mechanical properties and biocompatibility of poly[(R)-3-hydroxybutyrate-co-(R)-3-hydroxyvalerate] through blending with poly[(R)-3-hydroxybutyrate]-alt-poly(ethylene oxide). *Acta Biomaterialia*, **2009**, 5, 2002-12	10.8	49
88	Biodegradable thermogelling poly[(R)-3-hydroxybutyrate]-based block copolymers: micellization, gelation, and cytotoxicity and cell culture studies. *Journal of Physical Chemistry B*, **2009**, 113, 11822-30	3.4	88

87	Novel Supramolecular Block Copolymer: A Polyrotaxane Consisting of Many Threaded □and □Cyclodextrins with an ABA Triblock Architecture. *Macromolecules*, **2009**, 42, 3856-3859	5.5	18
86	Cationic polyrotaxanes as gene carriers: physicochemical properties and real-time observation of DNA complexation, and gene transfection in cancer cells. *Journal of Physical Chemistry B*, **2009**, 113, 7903-11	3.4	40
85	Enhanced Photocatalysis by Doping Cerium into Mesoporous Titania Thin Films. *Journal of Physical Chemistry C*, **2009**, 113, 21406-21412	3.8	75
84	Cyclodextrin Inclusion Polymers Forming Hydrogels. *Advances in Polymer Science*, **2009**, 175-203	1.3	26
83	Thermoresponsive behavior of cationic polyrotaxane composed of multiple pentaethylenehexamine-grafted alpha-cyclodextrins threaded on poly(propylene oxide)-poly(ethylene oxide)-poly(propylene oxide) triblock copolymer. *Journal of Physical Chemistry B*, **2009**, 113, 682-90	3.4	22
82	Synthesis of Novel Biodegradable Thermoresponsive Triblock Copolymers Based on Poly[(R)-3-hydroxybutyrate] and Poly(N-isopropylacrylamide) and Their Formation of Thermoresponsive Micelles. *Macromolecules*, **2009**, 42, 194-202	5.5	118
81	Novel poly(N-isopropylacrylamide)-poly[(R)-3-hydroxybutyrate]-poly(N-isopropylacrylamide) triblock copolymer surface as a culture substrate for human mesenchymal stem cells. *Soft Matter*, **2009**, 5, 2937	3.6	75
80	New thermogelling copolymers composed of heptakis(2,6-di-O-methyl)-□cyclodextrin, poly(propylene glycol), and poly(ethylene glycol). *Journal of Materials Chemistry*, **2009**, 19, 3755		7
79	Comb-shaped copolymers composed of hydroxypropyl cellulose backbones and cationic poly((2-dimethyl amino)ethyl methacrylate) side chains for gene delivery. *Bioconjugate Chemistry*, **2009**, 20, 1449-58	6.3	105
78	Star-shaped cationic polymers by atom transfer radical polymerization from beta-cyclodextrin cores for nonviral gene delivery. *Biomacromolecules*, **2009**, 10, 285-93	6.9	177
77	Pseudo-Block Copolymer Based on Star-Shaped Poly(N-isopropylacrylamide) with a □Cyclodextrin Core and Guest-Bearing PEG: Controlling Thermoresponsivity through Supramolecular Self-Assembly. *Macromolecules*, **2008**, 41, 5967-5970	5.5	138
76	Thermo-responsive porous membranes of controllable porous morphology from triblock copolymers of polycaprolactone and poly(N-isopropylacrylamide) prepared by atom transfer radical polymerization. *Biomacromolecules*, **2008**, 9, 331-9	6.9	58
75	Threading □Cyclodextrin through Poly[(R,S)-3-hydroxybutyrate] in Poly[(R,S)-3-hydroxybutyrate]□Poly(ethylene glycol)□Poly[(R,S)-3-hydroxybutyrate] Triblock Copolymers: Formation of Block-Selected Polypseudorotaxanes. *Macromolecules*, **2008**, 41, 6027-6034	5.5	35
74	Synthesis and Characterization of ZnS:Mn2+ Nano-Particles for White-Light Emitting. *Journal of Nanoscience and Nanotechnology*, **2008**, 8, 1199-1202	1.3	4
73	Biodegradable thermogelling poly(ester urethane)s consisting of poly(lactic acid)--thermodynamics of micellization and hydrolytic degradation. *Biomaterials*, **2008**, 29, 2164-72	15.6	143
72	Pentablock copolymers of poly(ethylene glycol), poly((2-dimethyl amino)ethyl methacrylate) and poly(2-hydroxyethyl methacrylate) from consecutive atom transfer radical polymerizations for non-viral gene delivery. *Biomaterials*, **2008**, 29, 3023-33	15.6	126
71	Synthesis and water-swelling of thermo-responsive poly(ester urethane)s containing poly(epsilon-caprolactone), poly(ethylene glycol) and poly(propylene glycol). *Biomaterials*, **2008**, 29, 3185-94	15.6	141
70	Supramolecular hydrogels based on inclusion complexation between poly(ethylene oxide)-b-poly (epsilon-caprolactone) diblock copolymer and alpha-cyclodextrin and their controlled release property. *Journal of Biomedical Materials Research - Part A*, **2008**, 86, 1055-61	5.4	45

69	Controlled synthesis and characterizations of amphiphilic poly[(R,S)-3-hydroxybutyrate]-poly(ethylene glycol)-poly[(R,S)-3-hydroxybutyrate] triblock copolymers. *Polymer*, **2008**, 49, 732-741	3.9	28
68	Micellization and phase transition behavior of thermosensitive poly(N-isopropylacrylamide)-poly(e-caprolactone)-poly(N-isopropylacrylamide) triblock copolymers. *Polymer*, **2008**, 49, 5084-5094	3.9	78
67	Spatially well-defined binary brushes of poly(ethylene glycol)s for micropatterning of active proteins on anti-fouling surfaces. *Biosensors and Bioelectronics*, **2008**, 24, 779-86	11.8	44
66	Highly dispersed gold nanoparticles assembled in mesoporous titania films of cubic configuration. *Microporous and Mesoporous Materials*, **2008**, 110, 242-249	5.3	41
65	Cyclodextrin-based supramolecular architectures: syntheses, structures, and applications for drug and gene delivery. *Advanced Drug Delivery Reviews*, **2008**, 60, 1000-17	18.5	672
64	Functionalization of nylon membranes via surface-initiated atom-transfer radical polymerization. *Langmuir*, **2007**, 23, 8585-92	4	133
63	Synthesis and characterization of polyrotaxanes consisting of cationic alpha-cyclodextrins threaded on poly[(ethylene oxide)-ran-(propylene oxide)] as gene carriers. *Biomacromolecules*, **2007**, 8, 3365-74	6.9	92
62	Hydrolytic degradation and protein release studies of thermogelling polyurethane copolymers consisting of poly[(R)-3-hydroxybutyrate], poly(ethylene glycol), and poly(propylene glycol). *Biomaterials*, **2007**, 28, 4113-23	15.6	180
61	Compositional study and cytotoxicity of biodegradable poly(ester urethane)s consisting of poly[(R)-3-hydroxybutyrate] and poly(ethylene glycol). *Materials Science and Engineering C*, **2007**, 27, 267-273	8.3	31
60	Biodegradable thermosensitive copolymer hydrogels for drug delivery. *Expert Opinion on Therapeutic Patents*, **2007**, 17, 965-977	6.8	116
59	Synthesis, characterization and hydrolytic degradation of degradable poly(butylene terephthalate)/poly(ethylene glycol) (PBT/PEG) copolymers. *Journal of Materials Science: Materials in Medicine*, **2007**, 18, 449-55	4.5	17
58	Cationic star polymers consisting of alpha-cyclodextrin core and oligoethylenimine arms as nonviral gene delivery vectors. *Biomaterials*, **2007**, 28, 3245-54	15.6	178
57	New biodegradable thermogelling copolymers having very low gelation concentrations. *Biomacromolecules*, **2007**, 8, 585-93	6.9	240
56	Cyclodextrin functionalized mesoporous silica films on quartz crystal microbalance for enhanced gas sensing. *Sensors and Actuators B: Chemical*, **2006**, 119, 220-226	8.5	75
55	Synthesis, characterization, and thermal properties of biodegradable aliphatic copolyester based on -caprolactone, adipic acid, and 1,6-hexanediol. *Materials Letters*, **2006**, 60, 31-38	3.3	13
54	Cationic Supramolecules Composed of Multiple Oligoethylenimine-Grafted -Cyclodextrins Threaded on a Polymer Chain for Efficient Gene Delivery. *Advanced Materials*, **2006**, 18, 2969-2974	24	182
53	Dynamic and static light scattering studies on self-aggregation behavior of biodegradable amphiphilic poly(ethylene oxide)-poly[(R)-3-hydroxybutyrate]-poly(ethylene oxide) triblock copolymers in aqueous solution. *Journal of Physical Chemistry B*, **2006**, 110, 5920-6	3.4	71
52	Self-association and micelle formation of biodegradable poly(ethylene glycol)-poly(L-lactic acid) amphiphilic di-block co-polymers. *Journal of Biomaterials Science, Polymer Edition*, **2006**, 17, 747-63	3.5	27

51	Substrate-Assisted Crystallization and Photocatalytic Properties of Mesoporous TiO2 Thin Films. *Chemistry of Materials*, **2006**, 18, 2917-2923	9.6	64
50	Coaxial electrospinning of (fluorescein isothiocyanate-conjugated bovine serum albumin)-encapsulated poly(epsilon-caprolactone) nanofibers for sustained release. *Biomacromolecules*, **2006**, 7, 1049-57	6.9	429
49	Synthesis, characterization, and morphology studies of biodegradable amphiphilic poly[(R)-3-hydroxybutyrate]-alt-poly(ethylene glycol) multiblock copolymers. *Biomacromolecules*, **2006**, 7, 3112-9	6.9	35
48	Thermal properties and non-isothermal crystallization behavior of biodegradable poly(p-dioxanone)/poly(vinyl alcohol) blends. *Polymer International*, **2006**, 55, 383-390	3.3	25
47	Synthesis, characterization, and thermal properties of a novel pentaerythritol-initiated star-shaped poly(p-dioxanone). *Journal of Polymer Science Part A*, **2006**, 44, 1245-1251	2.5	16
46	The in vitro hydrolysis of poly(ester urethane)s consisting of poly[(R)-3-hydroxybutyrate] and poly(ethylene glycol). *Biomaterials*, **2006**, 27, 1841-50	15.6	112
45	Self-assembled supramolecular hydrogels formed by biodegradable PEO-PHB-PEO triblock copolymers and alpha-cyclodextrin for controlled drug delivery. *Biomaterials*, **2006**, 27, 4132-40	15.6	396
44	Mesophase configurations and optical properties of mesoporous TiO2 thin films. *Journal of Electroceramics*, **2006**, 16, 499-502	1.5	4
43	Core-corona structure of cubic silsesquioxane-poly(ethylene oxide) in aqueous solution: fluorescence, light scattering, and TEM studies. *Journal of Physical Chemistry B*, **2005**, 109, 9455-62	3.4	56
42	Micellization phenomena of biodegradable amphiphilic triblock copolymers consisting of poly(beta-hydroxyalkanoic acid) and poly(ethylene oxide). *Langmuir*, **2005**, 21, 8681-5	4	86
41	Poly(ester urethane)s consisting of poly[(R)-3-hydroxybutyrate] and poly(ethylene glycol) as candidate biomaterials: characterization and mechanical property study. *Biomacromolecules*, **2005**, 6, 2740-7	6.9	95
40	A novel biodegradable polyester from chain-extension of poly(p-dioxanone) with poly(butylene succinate). *Polymer Degradation and Stability*, **2005**, 88, 294-299	4.7	21
39	Effect of PEG on the crystallization of PPDO/PEG blends. *European Polymer Journal*, **2005**, 41, 1243-1250	5.2	53
38	Hydrolytic degradation behavior of biodegradable polyetheresteramide-based polyurethane copolymers. *Journal of Biomedical Materials Research - Part A*, **2005**, 75, 465-71	5.4	8
37	Synthesis of Biodegradable Poly(butylene terephthalate)/poly(ethylene glycol) (PBT/PEG) Multiblock Copolymers and Preparation of Indirubin Loaded Microspheres. *Polymer Bulletin*, **2005**, 53, 147-154	2.4	14
36	Injectable Supramolecular Hydrogels Self-Assembled by Polymers and Cyclodextrins for Controlled Drug Delivery. *Key Engineering Materials*, **2005**, 288-289, 117-120	0.4	8
35	Inclusion complex formation between □-cyclodextrins and organic□inorganic star-shaped poly(ethylene glycol) from an octafunctional silsesquioxane core. *Journal of Polymer Science, Part B: Polymer Physics*, **2004**, 42, 1173-1180	2.6	25
34	Photo-crosslinkable microcapsules formed by polyelectrolyte copolymer and modified collagen for rat hepatocyte encapsulation. *Biomaterials*, **2004**, 25, 3531-40	15.6	47

33	Preparation and characterization of inclusion complexes formed by biodegradable poly(ε-caprolactone)-poly(tetrahydrofuran)-poly(ε-caprolactone) triblock copolymer and cyclodextrins. *Polymer*, **2004**, 45, 1777-1785	3.9	50
32	Role of intermolecular interaction between hydrophobic blocks in block-selected inclusion complexation of amphiphilic poly(ethylene oxide)-poly[(R)-3-hydroxybutyrate]-poly(ethylene oxide) triblock copolymers with cyclodextrins. *Polymer*, **2004**, 45, 6845-6851	3.9	26
31	A Novel Route toward the Synthesis of High-Quality Large-Pore Periodic Mesoporous Organosilicas. *Journal of Physical Chemistry B*, **2004**, 108, 4684-4689	3.4	100
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29	Synthesis and Characterization of New Biodegradable Amphiphilic Poly(ethylene oxide)-b-poly[(R)-3-hydroxy butyrate]-b-poly(ethylene oxide) Triblock Copolymers. *Macromolecules*, **2003**, 36, 2661-2667	5.5	133
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