

Jun Li

List of Publications by Year in descending order

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182
papers

16,682
citations

12330

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126
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all docs

188
docs citations

188
times ranked

13178
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile synthesis of multifunctional carbon dots with 54.4% orange emission for label-free detection of morin and endogenous/exogenous hypochlorite. <i>Journal of Hazardous Materials</i> , 2022, 424, 127289.	12.4	36
2	Bone marrow mesenchymal stem cells with low dose bone morphogenetic protein 2 enhances scaffold-based spinal fusion in a porcine model. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2022, 16, 63-75.	2.7	6
3	Lignin-Based Nonviral Gene Carriers Functionalized by Poly[2-(Dimethylamino)ethyl Methacrylate]: Effect of Grafting Degree and Cationic Chain Length on Transfection Efficiency. <i>Biomolecules</i> , 2022, 12, 102.	4.0	4
4	A hydrogel with supramolecular surface functionalization for cancer cell capture and multicellular spheroid growth and release. <i>Chemical Communications</i> , 2022, 58, 681-684.	4.1	7
5	Smart Hydrogel Formed by Alginate-g-Poly(N-isopropylacrylamide) and Chitosan through Polyelectrolyte Complexation and Its Controlled Release Properties. <i>Gels</i> , 2022, 8, 441.	4.5	9
6	Use of okara-derived hydrogel for enhancing growth of plants by minimizing leaching and locking nutrients and water in growing substrate. <i>Ecological Engineering</i> , 2021, 159, 106122.	3.6	12
7	Nonviral DNA Delivery System with Supramolecular PEGylation Formed by Host-Guest Pseudo-Block Copolymers. <i>ACS Applied Bio Materials</i> , 2021, 4, 5057-5070.	4.6	10
8	β -Cyclodextrin-Polyacrylamide Hydrogel for Removal of Organic Micropollutants from Water. <i>Molecules</i> , 2021, 26, 5031.	3.8	26
9	In Situ Synthesis of Magnetic Poly(DMAEAB-co-NIPAm)/Fe ₃ O ₄ Composite Hydrogel for Removal of Dye from Water. <i>Gels</i> , 2021, 7, 201.	4.5	7
10	Supramolecular Surface Functionalization of Iron Oxide Nanoparticles with β -Cyclodextrin-Based Cationic Star Polymer for Magnetically-Enhanced Gene Delivery. <i>Pharmaceutics</i> , 2021, 13, 1884.	4.5	9
11	A supramolecular platform for controlling and optimizing molecular architectures of siRNA targeted delivery vehicles. <i>Science Advances</i> , 2020, 6, eabc2148.	10.3	29
12	Chemical Modification of Biomass Okara Using Poly(acrylic acid) through Free Radical Graft Polymerization. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 13241-13246.	5.2	18
13	Converting Okara to Superabsorbent Hydrogels as Soil Supplements for Enhancing the Growth of Choy Sum (<i>Brassica</i> sp.) under Water-Limited Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 9425-9433.	6.7	25
14	Thermoresponsive Hydrogel Induced by Dual Supramolecular Assemblies and Its Controlled Release Property for Enhanced Anticancer Drug Delivery. <i>Biomacromolecules</i> , 2020, 21, 1516-1527.	5.4	67
15	Improving the handling properties and long-term stability of polyelectrolyte complex by freeze-drying technique for low-dose bone morphogenetic protein 2 delivery. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 2450-2460.	3.4	2
16	Surface Charge Switchable Polymer/DNA Nanoparticles Responsive to Tumor Extracellular pH for Tumor-Triggered Enhanced Gene Delivery. <i>Biomacromolecules</i> , 2020, 21, 1136-1148.	5.4	39
17	One-pot synthesis of cyclodextrin-based radial poly[n]catenanes. <i>Communications Chemistry</i> , 2019, 2, .	4.5	24
18	A smart thermoresponsive adsorption system for efficient copper ion removal based on alginate-g-poly(N-isopropylacrylamide) graft copolymer. <i>Carbohydrate Polymers</i> , 2019, 219, 280-289.	10.2	39

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19	Recent Advances in Polymer-Cyclodextrin Inclusion Complex-Based Supramolecular Hydrogel for Biomedical Applications. Springer Series in Biomaterials Science and Engineering, 2018, , 141-163.	1.0	1
20	Functional Hydrogels as Biomaterials. Springer Series in Biomaterials Science and Engineering, 2018, , .	1.0	8
21	Controlling injectability and inÂvivo stability of thermogelling copolymers for delivery of yttrium-90 through intra-tumoral injection for potential brachytherapy. Biomaterials, 2018, 180, 163-172.	11.4	19
22	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.	5.0	33
23	Ultrastable micelles boost chemotherapy. Nature Biomedical Engineering, 2018, 2, 273-274.	22.5	5
24	Hydrogels for Stem Cell Encapsulation: Toward Cellular Therapy for Diabetes. Springer Series in Biomaterials Science and Engineering, 2018, , 113-127.	1.0	0
25	Injectable Thermoresponsive Hydrogel Formed by Alginate- <i>g</i> -Poly(<i>N</i> -isopropylacrylamide) That Releases Doxorubicin-Encapsulated Micelles as a Smart Drug Delivery System. ACS Applied Materials & Interfaces, 2017, 9, 35673-35682.	8.0	178
26	Yolk shell nanocomposite particles as bioactive bone fillers and growth factor carriers. Nanoscale, 2017, 9, 14520-14532.	5.6	6
27	Thermoresponsive supramolecular micellar drug delivery system based on star-linear pseudo-block polymer consisting of β -cyclodextrin-poly(<i>N</i> -isopropylacrylamide) and adamantyl-poly(ethylene glycol). Journal of Colloid and Interface Science, 2017, 490, 372-379.	9.4	58
28	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.	2.0	9
29	Thermoresponsive Delivery of Paclitaxel by β -Cyclodextrin-Based Poly(<i>N</i> -isopropylacrylamide) Star Polymer via Inclusion Complexation. Biomacromolecules, 2016, 17, 3957-3963.	5.4	68
30	Thermoresponsive Formation of Dimethyl Cyclodextrin Polypseudorotaxanes and Subsequent One-Pot Synthesis of Polyrotaxanes. ACS Macro Letters, 2016, 5, 158-162.	4.8	21
31	Host-guest interaction induced supramolecular amphiphilic star architecture and uniform nanovesicle formation for anticancer drug delivery. Nanoscale, 2016, 8, 1332-1337.	5.6	25
32	Polyelectrolyte Complex Carrier Enhances Therapeutic Efficiency and Safety Profile of Bone Morphogenetic Protein-2 in Porcine Lumbar Interbody Fusion Model. Spine, 2015, 40, 964-973.	2.0	12
33	Hyaluronic acid conjugated β -cyclodextrin-oligoethylenimine star polymer for CD44-targeted gene delivery. International Journal of Pharmaceutics, 2015, 483, 169-179.	5.2	61
34	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, 929-938.	4.0	30
35	Novel Protamine-Based Polyelectrolyte Carrier Enhances Low-Dose rhBMP-2 in Posterolateral Spinal Fusion. Spine, 2015, 40, 613-621.	2.0	14
36	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, 2552-2563.	1.3	19

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37	Functionalization of lignin through ATRP grafting of poly(2-dimethylaminoethyl methacrylate) for gene delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 125, 230-237.	5.0	84
38	Cationic brush-like terpolymer with pH responsive thickening behavior in a surfactant system. <i>Polymer International</i> , 2014, 63, 1584-1592.	3.1	5
39	In-focus Hydrogels and Water-Soluble Polymers (Proceedings for Symposium of Tj ETQq1 1 0.784314 rgBT /Over	3.1	1
40	Supramolecular self-assembly forming a multifunctional synergistic system for targeted co-delivery of gene and drug. <i>Biomaterials</i> , 2014, 35, 1050-1062.	11.4	142
41	Highly Efficient Multifunctional Supramolecular Gene Carrier System Self-Assembled from Redox-Sensitive and Zwitterionic Polymer Blocks. <i>Advanced Functional Materials</i> , 2014, 24, 3874-3884.	14.9	98
42	Biomass-based thermogelling copolymers consisting of lignin and grafted poly(N-isopropylacrylamide), poly(ethylene glycol), and poly(propylene glycol). <i>RSC Advances</i> , 2014, 4, 42996-43003.	3.6	44
43	Multifunctional Hybrid Nanocarriers Consisting of Supramolecular Polymers and Quantum Dots for Simultaneous Dual Therapeutics Delivery and Cellular Imaging. <i>Advanced Healthcare Materials</i> , 2013, 2, 297-301.	7.6	33
44	Control of Hyperbranched Structure of Polycaprolactone/Poly(ethylene glycol) Polyurethane Block Copolymers by Glycerol and Their Hydrogels for Potential Cell Delivery. <i>Journal of Physical Chemistry B</i> , 2013, 117, 14763-14774.	2.6	54
45	Polyethyleneimine-grafted hyperbranched conjugated polyelectrolytes: synthesis and imaging of gene delivery. <i>Polymer Chemistry</i> , 2013, 4, 5297.	3.9	41
46	Biodegradable thermogelling poly(ester urethane)s consisting of poly(1,4-butylene adipate), poly(ethylene glycol), and poly(propylene glycol). <i>Soft Matter</i> , 2013, 9, 787-794.	2.7	25
47	FGFR-targeted gene delivery mediated by supramolecular assembly between β -cyclodextrin-crosslinked PEI and redox-sensitive PEG. <i>Biomaterials</i> , 2013, 34, 6482-6494.	11.4	138
48	Folic Acid Modified Cationic β -Cyclodextrin-oligoethylenimine Star Polymer with Bioreducible Disulfide Linker for Efficient Targeted Gene Delivery. <i>Biomacromolecules</i> , 2013, 14, 476-484.	5.4	91
49	A Thermoresponsive Hydrogel Formed from a Star-Star Supramolecular Architecture. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6180-6184.	13.8	131
50	Gelatin-based hydrogels with β -cyclodextrin as a dual functional component for enhanced drug loading and controlled release. <i>RSC Advances</i> , 2013, 3, 25041.	3.6	49
51	Silk Fibroin-Based Complex Particles with Bioactive Encrustation for Bone Morphogenetic Protein 2 Delivery. <i>Biomacromolecules</i> , 2013, 14, 4465-4474.	5.4	43
52	Biodegradable Hyperbranched Amphiphilic Polyurethane Multiblock Copolymers Consisting of Poly(propylene glycol), Poly(ethylene glycol), and Polycaprolactone as <i>in Situ</i> Thermogels. <i>Biomacromolecules</i> , 2012, 13, 3977-3989.	5.4	111
53	Supramolecular Anchoring of DNA Polyplexes in Cyclodextrin-Based Polypseudorotaxane Hydrogels for Sustained Gene Delivery. <i>Biomacromolecules</i> , 2012, 13, 3162-3172.	5.4	129
54	Thermo-responsive transfection of DNA complexes with well-defined chitosan terpolymers. <i>Soft Matter</i> , 2012, 8, 2518.	2.7	12

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55	Encapsulation of Basic Fibroblast Growth Factor by Polyelectrolyte Multilayer Microcapsules and Its Controlled Release for Enhancing Cell Proliferation. <i>Biomacromolecules</i> , 2012, 13, 2174-2180.	5.4	61
56	Supramolecular hydrogels formed by pyrene-terminated poly(ethylene glycol) star polymers through inclusion complexation of pyrene dimers with β -cyclodextrin. <i>Chemical Communications</i> , 2012, 48, 5638.	4.1	25
57	Encapsulation of basic fibroblast growth factor in thermogelling copolymers preserves its bioactivity. <i>Journal of Materials Chemistry</i> , 2011, 21, 2246.	6.7	94
58	Self-Assembly and Micellization of a Dual Thermoresponsive Supramolecular Pseudo-Block Copolymer. <i>Macromolecules</i> , 2011, 44, 1182-1193.	4.8	134
59	Supramolecular hydrogels based on cyclodextrin-polymer polypseudorotaxanes: materials design and hydrogel properties. <i>Soft Matter</i> , 2011, 7, 11290.	2.7	111
60	Tailoring of poly(vinyl alcohol) hydrogels properties by incorporation of crosslinked acrylic acid. , 2011, , .		0
61	Cationic supramolecular nanoparticles for co-delivery of gene and anticancer drug. <i>Chemical Communications</i> , 2011, 47, 5572-5574.	4.1	80
62	Clickable poly(ester amine) dendrimer-grafted Fe ₃ O ₄ nanoparticles prepared via successive Michael addition and alkyne-azide click chemistry. <i>Polymer Chemistry</i> , 2011, 2, 1312.	3.9	25
63	Amphiphilic star-block copolymers and supramolecular transformation of nanogel-like micelles to nanovesicles. <i>Chemical Communications</i> , 2011, 47, 12849.	4.1	30
64	PEGylated antibody in organic media. <i>Journal of Bioscience and Bioengineering</i> , 2011, 111, 564-568.	2.2	7
65	Chitosan-graft-(PEI- β -cyclodextrin) copolymers and their supramolecular PEGylation for DNA and siRNA delivery. <i>Biomaterials</i> , 2011, 32, 8328-8341.	11.4	168
66	Polyrotaxanes for applications in life science and biotechnology. <i>Applied Microbiology and Biotechnology</i> , 2011, 90, 427-443.	3.6	95
67	Chitosan-Functionalized Graphene Oxide as a Nanocarrier for Drug and Gene Delivery. <i>Small</i> , 2011, 7, 1569-1578.	10.0	800
68	Triggered Enzymatic Biodegradable Drug Delivery Systems Based on Supramolecular Micelles. <i>IFMBE Proceedings</i> , 2011, , 1074-1077.	0.3	0
69	Controlled drug release from biodegradable thermoresponsive physical hydrogel nanofibers. <i>Journal of Controlled Release</i> , 2010, 143, 175-182.	9.9	206
70	Functionalization of Chitosan via Atom Transfer Radical Polymerization for Gene Delivery. <i>Advanced Functional Materials</i> , 2010, 20, 3106-3116.	14.9	106
71	Self-assembly of pH-responsive and fluorescent comb-like amphiphilic copolymers in aqueous media. <i>Polymer</i> , 2010, 51, 3377-3386.	3.8	42
72	Low molecular weight polyethylenimine cross-linked by 2-hydroxypropyl- β -cyclodextrin coupled to peptide targeting HER2 as a gene delivery vector. <i>Biomaterials</i> , 2010, 31, 1830-1838.	11.4	98

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73	Micellization and Thermogelation of Poly(ether urethane)s Comprising Poly(ethylene glycol) and Poly(propylene glycol). <i>Macromolecular Symposia</i> , 2010, 296, 161-169.	0.7	15
74	Mechanism of Protein Release from Polyelectrolyte Multilayer Microcapsules. <i>Biomacromolecules</i> , 2010, 11, 1241-1247.	5.4	116
75	Thermo- and pH-Responsive Association Behavior of Dual Hydrophilic Graft Chitosan Terpolymer Synthesized via ATRP and Click Chemistry. <i>Macromolecules</i> , 2010, 43, 5679-5687.	4.8	130
76	Efficient gene delivery with paclitaxel-loaded DNA-hybrid polyplexes based on cationic polyhedral oligomeric silsesquioxanes. <i>Journal of Materials Chemistry</i> , 2010, 20, 10634.	6.7	85
77	Construction of a Star-Shaped Copolymer as a Vector for FGF Receptor-Mediated Gene Delivery In Vitro and In Vivo. <i>Biomacromolecules</i> , 2010, 11, 2221-2229.	5.4	48
78	Supramolecular Polymers Based on Cyclodextrins for Drug and Gene Delivery. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2010, 125, 207-249.	1.1	9
79	Self-assembled supramolecular hydrogels based on polymer-cyclodextrin inclusion complexes for drug delivery. <i>NPG Asia Materials</i> , 2010, 2, 112-118.	7.9	128
80	Designing Poly[(R)-3-hydroxybutyrate]-Based Polyurethane Block Copolymers for Electrospun Nanofiber Scaffolds with Improved Mechanical Properties and Enhanced Mineralization Capability. <i>Journal of Physical Chemistry B</i> , 2010, 114, 7489-7498.	2.6	40
81	Polyethyleneimine-grafted poly(N-3-hydroxypropyl)aspartamide as a biodegradable gene vector for efficient gene transfection. <i>Soft Matter</i> , 2010, 6, 955.	2.7	24
82	Elucidating rheological property enhancements in supramolecular hydrogels of short poly[(R,S)-3-hydroxybutyrate]-based amphiphilic triblock copolymer and β -cyclodextrin for injectable hydrogel applications. <i>Soft Matter</i> , 2010, 6, 2300.	2.7	47
83	Instability pathways of hydrogel microlenses under concentrated loadings. <i>Journal of Applied Physics</i> , 2009, 106, 023536.	2.5	2
84	Supramolecular hydrogels based on self-assembly between PEO-PPO-PEO triblock copolymers and β -cyclodextrin. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 88A, 1031-1036.	4.0	69
85	Cationic supramolecules consisting of oligoethylenimine-grafted β -cyclodextrins threaded on poly(ethylene oxide) for gene delivery. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 89A, 13-23.	4.0	37
86	Surface Coating with a Thermoresponsive Copolymer for the Culture and Non-Enzymatic Recovery of Mouse Embryonic Stem Cells. <i>Macromolecular Bioscience</i> , 2009, 9, 1069-1079.	4.1	80
87	Synthesis of Supramolecular Nanocapsules Based on Threading of Multiple Cyclodextrins over Polymers on Gold Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3842-3845.	13.8	57
88	A supramolecular gene carrier composed of multiple cationic β -cyclodextrins threaded on a PPO-PEO-PPO triblock polymer. <i>Polymer</i> , 2009, 50, 1378-1388.	3.8	28
89	Formation and Evolution of Body-Centered Orthorhombic Mesophase in TiO_2 Thin Films. <i>Journal of the American Ceramic Society</i> , 2009, 92, 1317-1321.	3.8	7
90	Synthesis of polypseudorotaxanes and polyrotaxanes with multiple β - and γ -cyclodextrins co-threaded over poly[(ethylene oxide)-ran-(propylene oxide)]. <i>Polymer</i> , 2009, 50, 4496-4504.	3.8	14

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91	Synthesis of polyrotaxanes consisting of multiple β -cyclodextrin rings threaded on reverse Pluronic PEO- β -PEO- β -PPO triblock copolymers based on block-selected inclusion complexation. <i>European Polymer Journal</i> , 2009, 45, 1570-1579.	5.4	20
92	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). <i>Acta Biomaterialia</i> , 2009, 5, 2002-2012.	8.3	57
93	Biodegradable Thermogelling Poly[(R)-3-hydroxybutyrate]-Based Block Copolymers: Micellization, Gelation, and Cytotoxicity and Cell Culture Studies. <i>Journal of Physical Chemistry B</i> , 2009, 113, 11822-11830.	2.6	100
94	Novel Supramolecular Block Copolymer: A Polyrotaxane Consisting of Many Threaded β - and γ -Cyclodextrins with an ABA Triblock Architecture. <i>Macromolecules</i> , 2009, 42, 3856-3859.	4.8	21
95	Cationic Polyrotaxanes as Gene Carriers: Physicochemical Properties and Real-Time Observation of DNA Complexation, and Gene Transfection in Cancer Cells. <i>Journal of Physical Chemistry B</i> , 2009, 113, 7903-7911.	2.6	42
96	Enhanced Photocatalysis by Doping Cerium into Mesoporous Titania Thin Films. <i>Journal of Physical Chemistry C</i> , 2009, 113, 21406-21412.	3.1	92
97	Cyclodextrin Inclusion Polymers Forming Hydrogels. <i>Advances in Polymer Science</i> , 2009, , 175-203.	0.8	27
98	Thermoresponsive Behavior of Cationic Polyrotaxane Composed of Multiple Pentaethylenehexamine-grafted β -Cyclodextrins Threaded on Poly(propylene oxide)- β -Poly(ethylene oxide) Triblock Copolymer. <i>Journal of Physical Chemistry B</i> , 2009, 113, 11822-11830.	0.8	27
99	Synthesis of Novel Biodegradable Thermoresponsive Triblock Copolymers Based on Poly[(R)-3-hydroxybutyrate] and Poly(N-isopropylacrylamide) and Their Formation of Thermoresponsive Micelles. <i>Macromolecules</i> , 2009, 42, 194-202.	4.8	130
100	Novel poly(N-isopropylacrylamide)-poly[(R)-3-hydroxybutyrate]-poly(N-isopropylacrylamide) triblock copolymer surface as a culture substrate for human mesenchymal stem cells. <i>Soft Matter</i> , 2009, 5, 2937.	2.7	78
101	New thermogelling copolymers composed of heptakis(2,6-di-O-methyl)- β -cyclodextrin, poly(propylene oxide)- β -poly(ethylene oxide) triblock copolymer. <i>Journal of Physical Chemistry B</i> , 2009, 113, 11822-11830.	0.7	14
102	Comb-Shaped Copolymers Composed of Hydroxypropyl Cellulose Backbones and Cationic Poly((2-dimethyl amino)ethyl methacrylate) Side Chains for Gene Delivery. <i>Bioconjugate Chemistry</i> , 2009, 20, 1449-1458.	3.6	114
103	Star-Shaped Cationic Polymers by Atom Transfer Radical Polymerization from β -Cyclodextrin Cores for Nonviral Gene Delivery. <i>Biomacromolecules</i> , 2009, 10, 285-293.	5.4	189
104	Biodegradable thermogelling poly(ester urethane)s consisting of poly(lactic acid) Thermodynamics of micellization and hydrolytic degradation. <i>Biomaterials</i> , 2008, 29, 2164-2172.	11.4	153
105	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. <i>Biomaterials</i> , 2008, 29, 3023-3033.	11.4	129
106	Synthesis and water-swelling of thermo-responsive poly(ester urethane)s containing poly(ϵ -caprolactone), poly(ethylene glycol) and poly(propylene glycol). <i>Biomaterials</i> , 2008, 29, 3185-3194.	11.4	157
107	Supramolecular hydrogels based on inclusion complexation between poly(ethylene oxide)- β -poly(ϵ -caprolactone) diblock copolymer and β -cyclodextrin and their controlled release property. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 86A, 1055-1061.	4.0	46
108	Controlled synthesis and characterizations of amphiphilic poly[(R,S)-3-hydroxybutyrate]-poly(ethylene oxide) triblock copolymer. <i>Journal of Physical Chemistry B</i> , 2009, 113, 11822-11830.	3.8	34

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109	Micellization and phase transition behavior of thermosensitive poly(N-isopropylacrylamide)-poly(ϵ -caprolactone)-poly(N-isopropylacrylamide) triblock copolymers. <i>Polymer</i> , 2008, 49, 5084-5094.	3.8	89
110	Spatially well-defined binary brushes of poly(ethylene glycol)s for micropatterning of active proteins on anti-fouling surfaces. <i>Biosensors and Bioelectronics</i> , 2008, 24, 773-780.	10.1	48
111	Highly dispersed gold nanoparticles assembled in mesoporous titania films of cubic configuration. <i>Microporous and Mesoporous Materials</i> , 2008, 110, 242-249.	4.4	42
112	Cyclodextrin-based supramolecular architectures: Syntheses, structures, and applications for drug and gene delivery. <i>Advanced Drug Delivery Reviews</i> , 2008, 60, 1000-1017.	13.7	725
113	Pseudo-Block Copolymer Based on Star-Shaped Poly(N-isopropylacrylamide) with a β -Cyclodextrin Core and Guest-Bearing PEG: Controlling Thermoresponsivity through Supramolecular Self-Assembly. <i>Macromolecules</i> , 2008, 41, 5967-5970.	4.8	145
114	Thermo-Responsive Porous Membranes of Controllable Porous Morphology from Triblock Copolymers of Polycaprolactone and Poly(N-isopropylacrylamide) Prepared by Atom Transfer Radical Polymerization. <i>Biomacromolecules</i> , 2008, 9, 331-339.	5.4	60
115	Threading β -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. <i>Macromolecules</i> , 2008, 41, 6027-6034.	4.8	38
116	Synthesis and Characterization of ZnS:Mn ²⁺ Nano-Particles for White-Light Emitting. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 1199-1202.	0.9	4
117	New Biodegradable Thermogelling Copolymers Having Very Low Gelation Concentrations. <i>Biomacromolecules</i> , 2007, 8, 585-593.	5.4	254
118	Functionalization of Nylon Membranes via Surface-Initiated Atom-Transfer Radical Polymerization. <i>Langmuir</i> , 2007, 23, 8585-8592.	3.5	134
119	Synthesis and Characterization of Polyrotaxanes Consisting of Cationic β -Cyclodextrins Threaded on Poly[(ethylene oxide)-ran-(propylene oxide)] as Gene Carriers. <i>Biomacromolecules</i> , 2007, 8, 3365-3374.	5.4	97
120	Hydrolytic degradation and protein release studies of thermogelling polyurethane copolymers consisting of poly[(R)-3-hydroxybutyrate], poly(ethylene glycol), and poly(propylene glycol). <i>Biomaterials</i> , 2007, 28, 4113-4123.	11.4	193
121	Compositional study and cytotoxicity of biodegradable poly(ester urethane)s consisting of poly[(R)-3-hydroxybutyrate] and poly(ethylene glycol). <i>Materials Science and Engineering C</i> , 2007, 27, 267-273.	7.3	31
122	Biodegradable thermosensitive copolymer hydrogels for drug delivery. <i>Expert Opinion on Therapeutic Patents</i> , 2007, 17, 965-977.	5.0	121
123	Synthesis, characterization and hydrolytic degradation of degradable poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 18 <i>Medicine</i> , 2007, 18, 449-455.	3.6	20
124	Cationic star polymers consisting of β -cyclodextrin core and oligoethylenimine arms as nonviral gene delivery vectors. <i>Biomaterials</i> , 2007, 28, 3245-3254.	11.4	198
125	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. <i>Journal of Physical Chemistry B</i> , 2006, 110, 5920-5926.	2.6	73
126	Self-association and micelle formation of biodegradable poly(ethylene glycol)-poly(L-lactic acid) amphiphilic di-block co-polymers. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2006, 17, 747-763.	3.5	29

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127	Substrate-Assisted Crystallization and Photocatalytic Properties of Mesoporous TiO ₂ Thin Films. <i>Chemistry of Materials</i> , 2006, 18, 2917-2923.	6.7	69
128	Coaxial Electrospinning of (Fluorescein Isothiocyanate-Conjugated Bovine Serum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (Albumin) 2006, 7, 1049-1057.	5.4	459
129	Synthesis, Characterization, and Morphology Studies of Biodegradable Amphiphilic Poly[(R)-3-hydroxybutyrate]-alt-Poly(ethylene glycol) Multiblock Copolymers. <i>Biomacromolecules</i> , 2006, 7, 3112-3119.	5.4	37
130	Thermal properties and non-isothermal crystallization behavior of biodegradable poly(p-dioxanone)/poly(vinyl alcohol) blends. <i>Polymer International</i> , 2006, 55, 383-390.	3.1	29
131	Synthesis, characterization, and thermal properties of a novel pentaerythritol-initiated star-shaped poly(p-dioxanone). <i>Journal of Polymer Science Part A</i> , 2006, 44, 1245-1251.	2.3	16
132	The in vitro hydrolysis of poly(ester urethane)s consisting of poly[(R)-3-hydroxybutyrate] and poly(ethylene glycol). <i>Biomaterials</i> , 2006, 27, 1841-1850.	11.4	117
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