Doo Sung Lee

List of Publications by Year
in descending order

242	16,714	13865 67	18130 120
papers	citations	h-index	g-index

246	246	246	16644
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biodegradable and Injectable Hydrogels in Biomedical Applications. Biomacromolecules, 2022, 23, 609-618.	5.4	32
2	Injectable Hydrogel Based on Protein-Polyester Microporous Network as an Implantable Niche for Active Cell Recruitment. Pharmaceutics, 2022, 14, 709.	4.5	11
3	A pH-activated charge convertible quantum dot as a novel nanocarrier for targeted protein delivery and real-time cancer cell imaging. Materials Science and Engineering C, 2021, 118, 111449.	7.3	9
4	Advances in biodegradable and injectable hydrogels for biomedical applications. Journal of Controlled Release, 2021, 330, 151-160.	9.9	133
5	Development of pH-Responsive Polymer Coating as an Alternative to Enzyme-Based Stem Cell Dissociation for Cell Therapy. Materials, 2021, 14, 491.	2.9	2
6	Alternative method for trypsin-based cell dissociation using poly (amino ester) coating and pH 6.0 PBS. Journal of Bioactive and Compatible Polymers, 2021, 36, 77-89.	2.1	2
7	Sulfonamide functionalized amino acidâ€based pH â€•and temperatureâ€sensitive biodegradable injectable hydrogels: Synthesis, physicochemical characterization and in vivo degradation kinetics. Journal of Applied Polymer Science, 2021, 138, 50488.	2.6	7
8	Therapeutic effects of boronate ester cross-linked injectable hydrogels for the treatment of hepatocellular carcinoma. Biomaterials Science, 2021, 9, 7275-7286.	5.4	14
9	Functionalization of Magnetic Nanoparticles with Organic Ligands toward Biomedical Applications. Advanced NanoBiomed Research, 2021, 1, 2000043.	3.6	12
10	Development of bioresorbable smart injectable hydrogels based on thermo-responsive copolymer integrated bovine serum albumin bioconjugates for accelerated healing of excisional wounds. Journal of Industrial and Engineering Chemistry, 2021, 96, 345-355.	5.8	22
11	Optimizing Active Tumor Targeting Biocompatible Polymers for Efficient Systemic Delivery of Adenovirus. Cells, 2021, 10, 1896.	4.1	4
12	CD44-Targeted and Enzyme-Responsive Photo-Cross-Linked Nanogels with Enhanced Stability for In Vivo Protein Delivery. Biomacromolecules, 2021, 22, 3590-3600.	5.4	24
13	Temperature and pH-responsive in situ hydrogels of gelatin derivatives to prevent the reoccurrence of brain tumor. Biomedicine and Pharmacotherapy, 2021, 143, 112144.	5.6	11
14	Degradation-regulated architecture of injectable smart hydrogels enhances humoral immune response and potentiates antitumor activity in human lung carcinoma. Biomaterials, 2020, 230, 119599.	11.4	79
15	pH-Sensitive Polymeric Micelles as the Methotrexate Carrier for Targeting Rheumatoid Arthritis. Macromolecular Research, 2020, 28, 99-102.	2.4	7
16	Modularly engineered alginate bioconjugate hydrogel as biocompatible injectable scaffold for in situ biomineralization. Carbohydrate Polymers, 2020, 233, 115832.	10.2	48
17	Enzyme free cell detachment using pH-responsive poly(amino ester) for tissue regeneration. Journal of Industrial and Engineering Chemistry, 2020, 88, 373-381.	5.8	8
18	Dual activatable self-assembled nanotheranostics for bioimaging and photodynamic therapy. Journal of Controlled Release, 2020, 327, 129-139.	9.9	16

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19	Recent Advances of pHâ€Induced Chargeâ€Convertible Polymerâ€Mediated Inorganic Nanoparticles for Biomedical Applications. Macromolecular Rapid Communications, 2020, 41, e2000106.	3.9	25
20	Albumin affibody-outfitted injectable gel enabling extended release of urate oxidase-albumin conjugates for hyperuricemia treatment. Journal of Controlled Release, 2020, 324, 532-544.	9.9	17
21	Intracellular delivery of cytochrome C using hypoxia-responsive polypeptide micelles for efficient cancer therapy. Materials Science and Engineering C, 2020, 114, 111069.	7.3	23
22	Highly potent intradermal vaccination by an array of dissolving microneedle polypeptide cocktails for cancer immunotherapy. Journal of Materials Chemistry B, 2020, 8, 1171-1181.	5.8	50
23	Microporous Organic Nanoparticles Anchoring CeO₂ Materials: Reduced Toxicity and Efficient Reactive Oxygen Speciesâ€Scavenging for Regenerative Wound Healing. ChemNanoMat, 2020, 6, 1104-1110.	2.8	13
24	A novel injectable pHâ€“temperature sensitive hydrogel containing chitosanâ€“insulin electrosprayed nanosphere composite for an insulin delivery system in type I diabetes treatment. Biomaterials Science, 2020, 8, 3830-3843.	5.4	23
25	Multifunctional hyaluronic acid-mediated quantum dots for targeted intracellular protein delivery and real-time fluorescence imaging. Carbohydrate Polymers, 2019, 224, 115174.	10.2	35
26	Physically crosslinked injectable hydrogels for long-term delivery of oncolytic adenoviruses for cancer treatment. Biomaterials Science, 2019, 7, 4195-4207.	5.4	33
27	Green preparation of pH-responsive and dual targeting hyaluronic acid nanogels for efficient protein delivery. European Polymer Journal, 2019, 121, 109342.	5.4	23
28	Tunable Engineering of Heparinized Injectable Hydrogels for Affinityâ€Based Sustained Delivery of Bioactive Factors. Macromolecular Materials and Engineering, 2019, 304, 1900279.	3.6	10
29	Tumor acidity and CD44 dual targeting hyaluronic acid-coated gold nanorods for combined chemo- and photothermal cancer therapy. Carbohydrate Polymers, 2019, 226, 115281.	10.2	43
30	Charge-convertible polymers for improved tumor targeting and enhanced therapy. Biomaterials, 2019, 217, 119299.	11.4	49
31	Effective systemic siRNA delivery using dual-layer protected long-circulating nanohydrogel containing an inorganic core. Biomaterials Science, 2019, 7, 3297-3306.	5.4	3
32	Development of an Injectable Tissue Adhesive Hybrid Hydrogel for Growth Factor-Free Tissue Integration in Advanced Wound Regeneration. ACS Applied Bio Materials, 2019, 2, 2500-2510.	4.6	22
33	Smart pH-Responsive Nanocube-Controlled Delivery of DNA Vaccine and Chemotherapeutic Drugs for Chemoimmunotherapy. ACS Applied Materials & Interfaces, 2019, 11, 13058-13068.	8.0	17
34	Hierarchical tumor acidity-responsive self-assembled magnetic nanotheranostics for bimodal bioimaging and photodynamic therapy. Journal of Controlled Release, 2019, 301, 157-165.	9.9	46
35	Stimuli-responsive polymersomes for cancer therapy. , 2019, , 413-438.		18
36	Hyaluronic Acidâ€“Based Activatable Nanomaterials for Stimuliâ€Responsive Imaging and Therapeutics: Beyond CD44â€Mediated Drug Delivery. Advanced Materials, 2019, 31, e1803549.	21.0	188

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37	Bioresorbable pH- and temperature-responsive injectable hydrogels-incorporating electrosprayed particles for the sustained release of insulin. Polymer Degradation and Stability, 2019, 162, 36-46.	5.8	27
38	Smart injectable biogels based on hyaluronic acid bioconjugates finely substituted with poly(Î²-amino) Tj ETQq0 0 0 rgBT /Overlock 10 T	5.4	21
39	Hyaluronic acid decorated pH- and temperature-induced injectable bioconjugates for sustained delivery of bioactive factors and highly efficient wound regeneration. New Journal of Chemistry, 2019, 43, 18979-18982.	2.8	13
40	Simultaneous delivery of DNA vaccine and hydrophobic adjuvant using reducible polyethylenimine-functionalized graphene oxide for activation of dendritic cells. Journal of Industrial and Engineering Chemistry, 2019, 80, 870-876.	5.8	16
41	Triple-, Double-, and Single-Shelled Hollow Spheres of Sulfonated Microporous Organic Network as Drug Delivery Materials. Chemistry of Materials, 2019, 31, 300-304.	6.7	42
42	Amino acid functionalized pH- and temperature-sensitive biodegradable injectable hydrogels: synthesis, physicochemical characterization and in vivo degradation kinetics. International Journal of Polymeric Materials and Polymeric Biomaterials, 2019, 68, 891-900.	3.4	2
43	Modularly engineered injectable hybrid hydrogels based on protein-polymer network as potent immunologic adjuvant in vivo. Biomaterials, 2019, 195, 100-110.	11.4	45
44	Polyamide-based pH and temperature-responsive hydrogels: Synthesis and physicochemical characterization. Journal of Polymer Research, 2019, 26, 1.	2.4	9
45	One-Step Preparation of pH-Responsive Polymeric Nanogels as Intelligent Drug Delivery Systems for Tumor Therapy. Biomacromolecules, 2018, 19, 2062-2070.	5.4	67
46	A pH- and temperature-responsive bioresorbable injectable hydrogel based on polypeptide block copolymers for the sustained delivery of proteins in vivo. Biomaterials Science, 2018, 6, 661-671.	5.4	50
47	Folate decorated hollow spheres of microporous organic networks as drug delivery materials. Chemical Communications, 2018, 54, 3652-3655.	4.1	48
48	Coâ€Delivery of Drugs and Genes Using Polymeric Nanoparticles for Synergistic Cancer Therapeutic Effects. Advanced Healthcare Materials, 2018, 7, 1700886.	7.6	96
49	Microneedle arrays coated with charge reversal pH-sensitive copolymers improve antigen presenting cells-homing DNA vaccine delivery and immune responses. Journal of Controlled Release, 2018, 269, 225-234.	9.9	90
50	Smart vaccine delivery based on microneedle arrays decorated with ultra-pH-responsive copolymers for cancer immunotherapy. Biomaterials, 2018, 185, 13-24.	11.4	142
51	Multifunctional and Stimuliâ€Responsive Magnetic Nanoparticleâ€Based Delivery Systems for Biomedical Applications. Advanced Therapeutics, 2018, 1, 1800011.	3.2	71
52	Self-assembled PEGylated albumin nanoparticles (SPAN) as a platform for cancer chemotherapy and imaging. Drug Delivery, 2018, 25, 1570-1578.	5.7	28
53	Bioinspired pH- and Temperature-Responsive Injectable Adhesive Hydrogels with Polyplexes Promotes Skin Wound Healing. Biomacromolecules, 2018, 19, 3536-3548.	5.4	89
54	Ultrasmall gold nanosatellite-bearing transformable hybrid nanoparticles for deep tumor penetration. Acta Biomaterialia, 2018, 79, 294-305.	8.3	20

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55	Enhanced Cancer Vaccination by In Situ Nanomicelle-Generating Dissolving Microneedles. ACS Nano, 2018, 12, 9702-9713.	14.6	127
56	Polymer ligand-assisted fabrication of multifunctional and redox-responsive self-assembled magnetic nanoclusters for bimodal imaging and cancer treatment. Journal of Materials Chemistry B, 2018, 6, 5562-5569.	5.8	14
57	AgNP and rhEGF-incorporating synergistic polyurethane foam as a dressing material for scar-free healing of diabetic wounds. RSC Advances, 2017, 7, 13714-13725.	3.6	33
58	Bioengineered robust hybrid hydrogels enrich the stability and efficacy of biological drugs. Journal of Controlled Release, 2017, 267, 119-132.	9.9	38
59	Xenotransplantation of layer-by-layer encapsulated non-human primate islets with a specified immunosuppressive drug protocol. Journal of Controlled Release, 2017, 258, 10-21.	9.9	33
60	CdSe@ZnS/ZnS quantum dots loaded in polymeric micelles as a pH-triggerable targeting fluorescence imaging probe for detecting cerebral ischemic area. Colloids and Surfaces B: Biointerfaces, 2017, 155, 497-506.	5.0	25
61	Chitosan-based composite hydrogels for biomedical applications. Macromolecular Research, 2017, 25, 480-488.	2.4	63
62	Multifunctional and Redox-Responsive Self-Assembled Magnetic Nanovectors for Protein Delivery and Dual-Modal Imaging. ACS Applied Materials & Interfaces, 2017, 9, 19184-19192.	8.0	49
63	Bioresorbable polypeptide-based comb-polymers efficiently improves the stability and pharmacokinetics of proteins in vivo. Biomaterials Science, 2017, 5, 837-848.	5.4	45
64	Temperature and pH-sensitive injectable hydrogels based on poly(sulfamethazine carbonate urethane) for sustained delivery of cationic proteins. Polymer, 2017, 109, 38-48.	3.8	39
65	Engineering highly swellable dual-responsive protein-based injectable hydrogels: the effects of molecular structure and composition in vivo. Biomaterials Science, 2017, 5, 2285-2294.	5.4	17
66	Colloidal Mesoporous Silica Nanoparticles as Strong Adhesives for Hydrogels and Biological Tissues. ACS Applied Materials & Interfaces, 2017, 9, 31469-31477.	8.0	49
67	Injectable hydrogel-incorporated cancer cell-specific cisplatin releasing nanogels for targeted drug delivery. Journal of Materials Chemistry B, 2017, 5, 7140-7152.	5.8	61
68	Injectable hydrogels for sustained release of therapeutic agents. Journal of Controlled Release, 2017, 267, 57-66.	9.9	166
69	Inverse Photonic Glasses by Packing Bidisperse Hollow Microspheres with Uniform Cores. ACS Applied Materials & Interfaces, 2017, 9, 24155-24160.	8.0	48
70	Multifunctional Polymer Ligand Interface CdZnSeS/ZnS Quantum Dot/Cy3-Labeled Protein Pairs as Sensitive FRET Sensors. ACS Applied Materials & Interfaces, 2016, 8, 35021-35032.	8.0	39
71	Polymer-Based and pH-Sensitive Nanobiosensors for Imaging and Therapy of Acidic Pathological Areas. Pharmaceutical Research, 2016, 33, 2358-2372.	3.5	18
72	Sulfamethazine-based pH-sensitive hydrogels with potential application for transcatheter arterial chemoembolization therapy. Acta Biomaterialia, 2016, 41, 253-263.	8.3	55

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73	Pancreatic cancer therapy using an injectable nanobiohybrid hydrogel. RSC Advances, 2016, 6, 41644-41655.	3.6	49
74	Hypoxia-responsive nanocarriers for cancer imaging and therapy: recent approaches and future perspectives. Chemical Communications, 2016, 52, 8492-8500.	4.1	125
75	A novel sulfamethazine-based pH-sensitive copolymer for injectable radiopaque embolic hydrogels with potential application in hepatocellular carcinoma therapy. Polymer Chemistry, 2016, 7, 5805-5818.	3.9	29
76	Long-Circulating Au-TiO₂ Nanocomposite as a Sonosensitizer for ROS-Mediated Eradication of Cancer. Nano Letters, 2016, 16, 6257-6264.	9.1	328
77	pH-Sensitive sulfamethazine-based hydrogels as potential embolic agents for transcatheter vascular embolization. Journal of Materials Chemistry B, 2016, 4, 6524-6533.	5.8	33
78	Binding interactions between lysozyme and injectable hydrogels derived from albumin-pH/thermo responsive poly(amino urethane) conjugates in aqueous solution. Colloids and Surfaces B: Biointerfaces, 2016, 146, 558-566.	5.0	3
79	Stimuliâ€Sensitive Injectable Hydrogels Based on Polysaccharides and Their Biomedical Applications. Macromolecular Rapid Communications, 2016, 37, 1881-1896.	3.9	129
80	Gold-Nanoclustered Hyaluronan Nano-Assemblies for Photothermally Maneuvered Photodynamic Tumor Ablation. ACS Nano, 2016, 10, 10858-10868.	14.6	96
81	Poly(amino carbonate urethane)-based biodegradable, temperature and pH-sensitive injectable hydrogels for sustained human growth hormone delivery. Scientific Reports, 2016, 6, 29978.	3.3	65
82	Intraarterial gelation of injectable cationic pH/temperature-sensitive radiopaque embolic hydrogels in a rabbit hepatic tumor model and their potential application for liver cancer treatment. RSC Advances, 2016, 6, 47687-47697.	3.6	21
83	Nanoparticles based on quantum dots and a luminol derivative: implications for in vivo imaging of hydrogen peroxide by chemiluminescence resonance energy transfer. Chemical Communications, 2016, 52, 4132-4135.	4.1	64
84	Construction of redox/pH dual stimuli-responsive PEGylated polymeric micelles for intracellular doxorubicin delivery in liver cancer. Polymer Chemistry, 2016, 7, 1813-1825.	3.9	58
85	pH-Responsive biodegradable polymeric micelles with anchors to interface magnetic nanoparticles for MR imaging in detection of cerebral ischemic area. Nanoscale, 2016, 8, 12588-12598.	5.6	66
86	Poly(ethylene glycol)-b-poly(lysine) copolymer bearing nitroaromatics for hypoxia-sensitive drug delivery. Acta Biomaterialia, 2016, 29, 261-270.	8.3	82
87	Stimuli-responsive polymersomes for cancer therapy. Biomaterials Science, 2016, 4, 55-69.	5.4	122
88	Redox- and pH-Sensitive Polymeric Micelles Based on Poly(Î²-amino ester)-Grafted Disulfide Methylene Oxide Poly(ethylene glycol) for Anticancer Drug Delivery. Macromolecules, 2015, 48, 4046-4054.	4.8	82
89	Enhancing neurogenesis and angiogenesis with target delivery of stromal cell derived factor-1Î± using a dual ionic pH-sensitive copolymer. Biomaterials, 2015, 61, 115-125.	11.4	85
90	Nanostructure controlled sustained delivery of human growth hormone using injectable, biodegradable, pH/temperature responsive nanobiohybrid hydrogel. Nanoscale, 2015, 7, 3043-3054.	5.6	53

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91	Bioreducible core-crosslinked hyaluronic acid micelle for targeted cancer therapy. Journal of Controlled Release, 2015, 200, 158-166.	9.9	101
92	Tuning Surface Charge and PEGylation of Biocompatible Polymers for Efficient Delivery of Nucleic Acid or Adenoviral Vector. Bioconjugate Chemistry, 2015, 26, 1818-1829.	3.6	19
93	Injectable polymeric hydrogels for the delivery of therapeutic agents: A review. European Polymer Journal, 2015, 72, 602-619.	5.4	184
94	Gold-installed biostable nanocomplexes for tumor-targeted siRNA delivery in vivo. Chemical Communications, 2015, 51, 16656-16659.	4.1	15
95	Preclinical investigation for developing injectable fiducial markers using a mixture of BaSO₄ and biodegradable polymer for proton therapy. Medical Physics, 2015, 42, 2626-2637.	3.0	7
96	Heparin-based temperature-sensitive injectable hydrogels for protein delivery. Journal of Materials Chemistry B, 2015, 3, 8892-8901.	5.8	59
97	Polyurethane foam containing rhEGF as a dressing material for healing diabetic wounds: Synthesis, characterization, in vitro and in vivo studies. Colloids and Surfaces B: Biointerfaces, 2015, 135, 699-706.	5.0	52
98	Evaluation of AgHAP-containing polyurethane foam dressing for wound healing: synthesis, characterization, in vitro and in vivo studies. Journal of Materials Chemistry B, 2015, 3, 7752-7763.	5.8	48
99	Clinical Outcomes of Semiconstrained Total Elbow Arthroplasty in Patients Who Were Forty Years of Age or Younger. Journal of Bone and Joint Surgery - Series A, 2015, 97, 1781-1791.	3.0	25
100	Highly cited research articles in Journal of Controlled Release: Commentaries and perspectives by authors. Journal of Controlled Release, 2014, 190, 29-74.	9.9	394
101	Nanocarriers: Bioreducible Carboxymethyl Dextran Nanoparticles for Tumor-Targeted Drug Delivery (Adv. Healthcare Mater. 11/2014). Advanced Healthcare Materials, 2014, 3, 1828-1828.	7.6	0
102	Injectable hydrogels based on poly(amino urethane) conjugated bovine serum albumin. Materials Letters, 2014, 124, 105-109.	2.6	11
103	Hypoxia-responsive polymeric nanoparticles for tumor-targeted drug delivery. Biomaterials, 2014, 35, 1735-1743.	11.4	296
104	Biostable and bioreducible polymersomes for intracellular delivery of doxorubicin. Polymer Chemistry, 2014, 5, 4627-4634.	3.9	26
105	Bioreducible Carboxymethyl Dextran Nanoparticles for Tumorâ€Targeted Drug Delivery. Advanced Healthcare Materials, 2014, 3, 1829-1838.	7.6	91
106	Target-specific delivery of siRNA by stabilized calcium phosphate nanoparticles using dopaâ€“hyaluronic acid conjugate. Journal of Controlled Release, 2014, 192, 122-130.	9.9	115
107	In situ gelling pH- and temperature-sensitive biodegradable block copolymer hydrogels for drug delivery. Journal of Controlled Release, 2014, 193, 214-227.	9.9	270
108	Polyplex-releasing microneedles for enhanced cutaneous delivery of DNA vaccine. Journal of Controlled Release, 2014, 179, 11-17.	9.9	83

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109	A stress-responsive Escherichia coli protein, CysQ is a highly effective solubility enhancer for aggregation-prone heterologous proteins. Protein Expression and Purification, 2014, 101, 91-98.	1.3	4
110	Synthesis of Mycoplasma arginine deiminase in E. coli using stress-responsive proteins. Enzyme and Microbial Technology, 2014, 63, 46-49.	3.2	10
111	Signal enhancement strategy for a micro-arrayed polydiacetylene (PDA) immunosensor using enzyme-catalyzed precipitation. Biosensors and Bioelectronics, 2014, 61, 314-320.	10.1	21
112	Controlled Release. , 2014, , 1-12.		3
113	Synthesis and characterization of pH-Responsive Poly(2-hydroxyethyl aspartamide)-g-Poly(Î²-amino ester) graft copolymer micelles as potential drug carriers. Macromolecular Research, 2013, 21, 400-405.	2.4	3
114	A Biodegradable Polymersome with pH-Tuning On-Off Membrane Based on Poly(Î²-amino ester) for Drug Delivery. Macromolecular Bioscience, 2013, 13, 946-953.	4.1	17
115	pH-sensitive polymeric micelles based on amphiphilic polypeptide as smart drug carriers. Journal of Polymer Science Part A, 2013, 51, 4175-4182.	2.3	22
116	Bioreducible hyaluronic acid conjugates as siRNA carrier for tumor targeting. Journal of Controlled Release, 2013, 172, 653-661.	9.9	60
117	pH-triggered unimer/vesicle-transformable and biodegradable polymersomes based on PEG-b-PCLâ€“grafted poly(Î²-amino ester) for anti-cancer drug delivery. Polymer, 2013, 54, 102-110.	3.8	27
118	Environmental pH-sensitive polymeric micelles for cancer diagnosis and targeted therapy. Journal of Controlled Release, 2013, 169, 180-184.	9.9	175
119	Stimulusâ€Sensitive Polymeric Nanoparticles and Their Applications as Drug and Gene Carriers. Advanced Healthcare Materials, 2013, 2, 388-417.	7.6	133
120	Therapeutic efficacy of a systemically delivered oncolytic adenovirus â€“ Biodegradable polymer complex. Biomaterials, 2013, 34, 4622-4631.	11.4	40
121	Albumin-Conjugated pH/Thermo Responsive Poly(amino urethane) Multiblock Copolymer as an Injectable Hydrogel for Protein Delivery. Macromolecular Bioscience, 2013, 13, 1195-1203.	4.1	24
122	Enhancement of Radiotherapeutic Efficacy by Paclitaxel-Loaded pH-Sensitive Block Copolymer Micelles. Journal of Nanomaterials, 2012, 2012, 1-5.	2.7	1
123	Synthesis, Characteristics and Potential Application of Poly(Î²-Amino Ester Urethane)-Based Multiblock Co-Polymers as an Injectable, Biodegradable and pH/Temperature-Sensitive Hydrogel System. Journal of Biomaterials Science, Polymer Edition, 2012, 23, 1091-1106.	3.5	26
124	Dually cationic and anionic pH/temperature-sensitive injectable hydrogels and potential application as a protein carrier. Chemical Communications, 2012, 48, 10951.	4.1	38
125	Bioreducible polymersomes for intracellular dual-drug delivery. Journal of Materials Chemistry, 2012, 22, 22028.	6.7	79
126	The use of pH-sensitive positively charged polymeric micelles for protein delivery. Biomaterials, 2012, 33, 9157-9164.	11.4	95

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127	Synthesis and characterization of poly(amino urea urethane)-based block copolymer and its potential application as injectable pH/temperature-sensitive hydrogel for protein carrier. Polymer, 2012, 53, 4069-4075.	3.8	27
128	Controlling the properties of poly(amino ester urethane)â€“poly(ethylene glycol)â€“poly(amino ester) Tj ETQq0 0 0 rgBT /Overlock 10 T 290, 1077-1086.	2.1	20
129	Synthesis and evaluation of biotin-conjugated pH-responsive polymeric micelles as drug carriers. International Journal of Pharmaceutics, 2012, 427, 435-442.	5.2	75
130	Controlled release of human growth hormone from a biodegradable pH/temperature-sensitive hydrogel system. Soft Matter, 2011, 7, 8984.	2.7	60
131	Biodegradable oligo(amidoamine/Î²-amino ester) hydrogels for controlled insulin delivery. Soft Matter, 2011, 7, 2994.	2.7	45
132	Injectable Block Copolymer Hydrogels: Achievements and Future Challenges for Biomedical Applications. Macromolecules, 2011, 44, 6629-6636.	4.8	221
133	Sustained delivery of doxorubicin using biodegradable pH/temperature-sensitive poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.7	75
134	pH-responsive polymeric micelle based on PEG-poly(Î²-amino ester)/(amido amine) as intelligent vehicle for magnetic resonance imaging in detection of cerebral ischemic area. Journal of Controlled Release, 2011, 155, 11-17.	9.9	106
135	Biodegradable star-shaped poly(ethylene glycol)-poly(Î²-amino ester) cationic pH/temperature-sensitive copolymer hydrogels. Colloid and Polymer Science, 2011, 289, 301-308.	2.1	27
136	pHâ€Sensitive Pentablock Copolymer Nanocapsules as Nontoxic and Efficient Gene Carriers. Macromolecular Bioscience, 2011, 11, 789-796.	4.1	10
137	Evaluation of pHâ€Sensitive Poly(Î²â€amino ester)â€graftâ€poly(ethylene glycol) and its Usefulness as a pHâ€Sensor and Protein Carrier. Macromolecular Bioscience, 2011, 11, 946-951.	4.1	11
138	Enzyme-mediated cross-linking of Pluronic copolymer micelles for injectable and in situ forming hydrogels. Acta Biomaterialia, 2011, 7, 1468-1476.	8.3	68
139	Biodegradable pH/temperature-sensitive oligo(Î²-amino ester urethane) hydrogels for controlled release of doxorubicin. Acta Biomaterialia, 2011, 7, 3123-3130.	8.3	59
140	Synthesis and characterization of an amphiphilic graft polymer and its potential as a pH-sensitive drug carrier. Polymer, 2011, 52, 3304-3310.	3.8	29
141	Controlling the degradation of pH/temperature-sensitive injectable hydrogels based on poly(Î²-amino) Tj ETQq1 1 0.784314 rgBT /Ove	2.4	29
142	Bioadhesive PAA-PEG-PAA triblock copolymer hydrogels for drug delivery in oral cavity. Macromolecular Research, 2010, 18, 284-288.	2.4	28
143	Picolyamine based pH/temperature sensitive hydrogels. Macromolecular Research, 2010, 18, 589-595.	2.4	14
144	Biodegradable pH- and temperature-sensitive multiblock copolymer hydrogels based on poly(amino-ester urethane)s. Macromolecular Research, 2010, 18, 974-980.	2.4	24

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145	pH- and temperature-sensitive PCL-grafted poly(Î²-amino ester)-poly(ethylene glycol)-poly(Î²-amino ester) copolymer hydrogels. Macromolecular Research, 2010, 18, 1096-1102.	2.4	14
146	Tumoral acidic pH-responsive MPEG-poly(Î²-amino ester) polymeric micelles for cancer targeting therapy. Journal of Controlled Release, 2010, 144, 259-266.	9.9	263
147	In vitro degradability and stability of hydrophobically modified pHâ€sensitive micelles using MPEGâ€grafted poly(Î²â€amino ester) for efficient encapsulation of paclitaxel. Journal of Applied Polymer Science, 2010, 118, 3431-3438.	2.6	13
148	Injectable Biodegradable Hydrogels. Macromolecular Bioscience, 2010, 10, 563-579.	4.1	396
149	pH/temperature-sensitive 4-arm poly(ethylene glycol)-poly(amino urethane) copolymer hydrogels. Polymer, 2010, 51, 3843-3850.	3.8	36
150	pHâ€Sensitive Nanoflash for Tumoral Acidic pH Imaging in Live Animals. Small, 2010, 6, 2539-2544.	10.0	53
151	Magnetiteâ€Nanoparticleâ€Encapsulated pHâ€Responsive Polymeric Micelle as an MRI Probe for Detecting Acidic Pathologic Areas. Small, 2010, 6, 1201-1204.	10.0	95
152	Tumor-Targeting Peptide Conjugated pH-Responsive Micelles as a Potential Drug Carrier for Cancer Therapy. Bioconjugate Chemistry, 2010, 21, 208-213.	3.6	214
153	Biodegradable and pH-sensitive polymersome with tuning permeable membrane for drug delivery carrier. Chemical Communications, 2010, 46, 4481.	4.1	81
154	In vivo tumor diagnosis and photodynamic therapy via tumoral pH-responsive polymeric micelles. Chemical Communications, 2010, 46, 5668.	4.1	173
155	An acidic pH-triggered polymeric micelle for dual-modality MR and optical imaging. Journal of Materials Chemistry, 2010, 20, 5454.	6.7	38
156	Oligo(amidoamine)s hydrogels with tunable gel properties. Chemical Communications, 2010, 46, 3583.	4.1	32
157	In-Situ Gelling Stimuli-Sensitive PEG-Based Amphiphilic Copolymer Hydrogels. , 2010, , 123-146.		4
158	Controlled release of insulin from pH/temperature-sensitive injectable pentablock copolymer hydrogel. Journal of Controlled Release, 2009, 137, 20-24.	9.9	142
159	MPEG-b-poly(amino urethane) amphiphilic block copolymers and their pH-Dependent micellization behavior. Macromolecular Research, 2009, 17, 58-61.	2.4	2
160	Formation of poly(ethylene glycol)-poly(Îµ-caprolactone) Nanoparticles via Nanoprecipitation. Macromolecular Research, 2009, 17, 72-78.	2.4	25
161	Evaluation of the anti-tumor effects of paclitaxel-encapsulated pH-sensitive micelles. Macromolecular Research, 2009, 17, 99-103.	2.4	13
162	Synthesis and characterization of poly(l-glutamic acid)-block-poly(l-phenylalanine). Polymer, 2009, 50, 2252-2257.	3.8	33

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163	Molecular design of novel pH/temperature-sensitive hydrogels. Polymer, 2009, 50, 2565-2571.	3.8	47
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