Kinam Park

List of Publications by Year
in descending order

443 papers	25,085 citations	9264 74 h-index	7950 149 g-index
491 all docs	491 docs citations	491 times ranked	27317 citing authors

#	Article	IF	Citations
1	Initial Formation of the Skin Layer of PLGA Microparticles. Advanced Healthcare Materials, 2022, 11, e2101427.	7.6	3
2	Evolution of drug delivery systems: From 1950 to 2020 and beyond. Journal of Controlled Release, 2022, 342, 53-65.	9.9	134
3	Development of hot-melt extruded drug/polymer matrices for sustained delivery of meloxicam. Journal of Controlled Release, 2022, 342, 189-200.	9.9	11
4	Perspective on drug delivery in 2050. Journal of Controlled Release, 2022, 344, 157-159.	9.9	5
5	Transitioning from a lab-scale PLGA microparticle formulation to pilot-scale manufacturing. Journal of Controlled Release, 2022, 348, 841-848.	9.9	2
6	Potential Roles of the Glass Transition Temperature of PLGA Microparticles in Drug Release Kinetics. Molecular Pharmaceutics, 2021, 18, 18-32.	4.6	44
7	Formulation composition, manufacturing process, and characterization of poly(lactide-co-glycolide) microparticles. Journal of Controlled Release, 2021, 329, 1150-1161.	9.9	55
8	Are controlled release scientists doing enough for our environment?. Journal of Controlled Release, 2021, 332, 620-622.	9.9	3
9	Engineering Quick- and Long-acting Naloxone Delivery Systems for Treating Opioid Overdose. Pharmaceutical Research, 2021, 38, 1221-1234.	3.5	3
10	Analysis of semi-solvent effects for PLGA polymers. International Journal of Pharmaceutics, 2021, 602, 120627.	5.2	5
11	Coupling the in vivo performance to the in vitro characterization of PLGA microparticles. International Journal of Pharmaceutics, 2021, 604, 120738.	5.2	6
12	Multiscale pharmacokinetic modeling of systemic exposure of subcutaneously injected biotherapeutics. Journal of Controlled Release, 2021, 337, 407-416.	9.9	13
13	Narrow molecular weight margins for the thermogelling property of polyesterâ€“polyether block copolymers in aqueous solutions. Journal of Applied Polymer Science, 2020, 137, 48673.	2.6	2
14	Interfacial tension effects on the properties of PLGA microparticles. Colloids and Surfaces B: Biointerfaces, 2020, 196, 111300.	5.0	15
15	Method matters: Development of characterization techniques for branched and glucose-poly(lactide-co-glycolide) polymers. Journal of Controlled Release, 2020, 320, 484-494.	9.9	8
16	Advanced drug delivery 2020 and beyond: Perspectives on the future. Advanced Drug Delivery Reviews, 2020, 158, 4-16.	13.7	81
17	Continuous in-line homogenization process for scale-up production of naltrexone-loaded PLGA microparticles. Journal of Controlled Release, 2020, 325, 347-358.	9.9	26
18	Automatic antidote delivery device for opioid overdose. Journal of Controlled Release, 2019, 306, 177.	9.9	0

#	Article	IF	Citations
19	Science the endless frontier. Journal of Controlled Release, 2019, 308, 240.	9.9	0
20	Shape-dependent bioavailability of lovastatin nanocrystals. Journal of Controlled Release, 2019, 307, 423.	9.9	2
21	Optimal nanoparticle design for effective transport through the blood-brain barrier. Journal of Controlled Release, 2019, 295, 290.	9.9	7
22	Core-shell polymer particles as flexible platform for vaccination. Journal of Controlled Release, 2019, 293, 224-225.	9.9	1
23	Hydrogels for sustained delivery of biologics to the back of the eye. Drug Discovery Today, 2019, 24, 1470-1482.	6.4	47
24	The beginning of the end of the nanomedicine hype. Journal of Controlled Release, 2019, 305, 221-222.	9.9	121
25	Injectable, long-acting PLGA formulations: Analyzing PLGA and understanding microparticle formation. Journal of Controlled Release, 2019, 304, 125-134.	9.9	247
26	What do we do next?. Journal of Controlled Release, 2019, 302, 203.	9.9	4
27	Characterization of branched poly(lactide-co-glycolide) polymers used in injectable, long-acting formulations. Journal of Controlled Release, 2019, 304, 75-89.	9.9	33
28	Pharmacokinetic studies for cochlear drug delivery. Journal of Controlled Release, 2019, 299, 165.	9.9	1
29	Complex sameness: Separation of mixed poly(lactide-co-glycolide)s based on the lactide:glycolide ratio. Journal of Controlled Release, 2019, 300, 174-184.	9.9	40
30	Reshapable hydrogel tissue expander for ridge augmentation: Results of a series of successive insertions at the same intraoral site. Journal of Periodontology, 2019, 90, 718-727.	3.4	3
31	Transcending nanomedicine to the next level: Are we there yet?. Journal of Controlled Release, 2019, 298, 213.	9.9	8
32	Bioink-guided spatio-temporal gene delivery for tissue engineering. Journal of Controlled Release, 2019, 301, 190.	9.9	1
33	Collective progress in drug delivery. Journal of Controlled Release, 2019, 300, 197-199.	9.9	2
34	Prevention of Opioid Abuse and Treatment of Opioid Addiction: Current Status and Future Possibilities. Annual Review of Biomedical Engineering, 2019, 21, 61-84.	12.3	17
35	PK/PD model for liposomal chemophototherapy. Journal of Controlled Release, 2019, 297, 102.	9.9	1
36	Albumin-binding Auristatin prodrugs for long-term tumor regressions. Journal of Controlled Release, 2019, 296, 258.	9.9	0

#	Article	IF	Citations
37	Enhanced intranasal insulin delivery by formulations and tumor protein-derived protein transduction domain as an absorption enhancer. Journal of Controlled Release, 2019, 294, 226-236.	9.9	16
38	Probing the mechanism of drug release from liposomes. Journal of Controlled Release, 2019, 294, 390.	9.9	4
39	In utero gene delivery to spinal cord motor neurons. Journal of Controlled Release, 2018, 273, 184.	9.9	0
40	Implants attenuating vaginal T lymphocyte activation and inflammation. Journal of Controlled Release, 2018, 277, 183.	9.9	0
41	Liquid crystalline drug delivery vehicles for oral and IV/subcutaneous administration of poorly soluble (and soluble) drugs. International Journal of Pharmaceutics, 2018, 539, 175-183.	5.2	31
42	Treating resistant tumors using HER3-targeted nanobiologics. Journal of Controlled Release, 2018, 271, 166.	9.9	0
43	Editorial. Journal of Controlled Release, 2018, 269, 439-440.	9.9	0
44	Efficient therapy of Pompe disease by an acid Î±-glucosidase conjugate. Journal of Controlled Release, 2018, 269, 441-442.	9.9	0
45	Microchamber arrays for controlled NIR laser mediated drug delivery to single cells. Journal of Controlled Release, 2018, 276, 168.	9.9	0
46	Enhanced immune responses by co-adsorption of liposomal adjuvant formulations to the aluminum-antigen complex. Journal of Controlled Release, 2018, 275, 269.	9.9	2
47	Absorption of orally administered ultrafine drug particles. Journal of Controlled Release, 2018, 270, 304.	9.9	2
48	Size- and site-dependent distribution of therapeutic proteins into thoracic lymph. Journal of Controlled Release, 2018, 272, 182.	9.9	0
49	Prevention of intimal hyperplasia by immobilized all-trans retinoic acid. Journal of Controlled Release, 2018, 274, 118.	9.9	0
50	Beyond Q1/Q2: The Impact of Manufacturing Conditions and Test Methods on Drug Release From PLGA-Based Microparticle Depot Formulations. Journal of Pharmaceutical Sciences, 2018, 107, 353-361.	3.3	39
51	Baseline Biomechanical Properties of Epithelia prior to Tissue Expansion in Dogs. Plastic and Reconstructive Surgery - Global Open, 2018, 6, e1773.	0.6	1
52	Drug transport-based therapeutic resistance in breast cancer liver metastases. Journal of Controlled Release, 2018, 291, 196.	9.9	3
53	Inherent antimicrobial activity by bacteria-derived vesicles. Journal of Controlled Release, 2018, 290, 180.	9.9	1
54	Different phase behaviors of enzalutamide amorphous solid dispersions. Journal of Controlled Release, 2018, 292, 277-278.	9.9	4

#	Article	IF	Citations
55	New biomedical polymer targeting E-selectin to reduce atherosclerosis. Journal of Controlled Release, 2018, 288, 277.	9.9	2
56	Multi-functional peptide-modified liposomes for treatment of glioma. Journal of Controlled Release, 2018, 289, 171.	9.9	4
57	Quantitative non-invasive imaging of target engagement in small animals. Journal of Controlled Release, 2018, 286, 485.	9.9	3
58	Impact of anti-PEG antibodies on PEGylated nanoparticles fate in vivo. Journal of Controlled Release, 2018, 287, 257.	9.9	13
59	3D mesoscopic fluorescence tomography for photoimmunotherapy monitoring in vivo. Journal of Controlled Release, 2018, 279, 355.	9.9	0
60	Thermo-responsive polypeptides and micromechanical machines for sustained delivery to the posterior eye. Journal of Controlled Release, 2018, 283, 291.	9.9	1
61	Functional recovery in spinal cord injury using mesenchymal stem cells. Journal of Controlled Release, 2018, 278, 159.	9.9	7
62	Enhanced treatment of lung cancer by metronomic therapy with oral pemetrexed. Journal of Controlled Release, 2018, 284, 250-251.	9.9	0
63	Triggered delivery of sequestered siRNA to the heart. Journal of Controlled Release, 2018, 285, 258.	9.9	0
64	Enhanced bacterial cancer therapy with hydroxychloroquine liposomes. Journal of Controlled Release, 2018, 280, 124.	9.9	3
65	Combined therapy of imatinib and an anti-CTLA4 immune-checkpoint inhibitor. Journal of Controlled Release, 2018, 281, 196.	9.9	8
66	Decorin mimic promotes endothelial cell health in endothelial monolayers and endothelialâ€“smooth muscle coâ€cultures. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 1365-1376.	2.7	11
67	The drug delivery field needs a well-diversified technology portfolio. Journal of Controlled Release, 2017, 245, 177.	9.9	6
68	Drug Delivery Research for the Future: Expanding the Nano Horizons and Beyond. Journal of Controlled Release, 2017, 246, 183-184.	9.9	75
69	Megakaryocytic microparticles for targeted delivery to hematopoietic stem cells. Journal of Controlled Release, 2017, 247, 206.	9.9	0
70	Adipose-derived stem cells combined with neuregulin microparticles for efficient cardiac repair. Journal of Controlled Release, 2017, 249, 196.	9.9	1
71	Application of Hydrogel Template Strategy in Ocular Drug Delivery. Methods in Molecular Biology, 2017, 1570, 279-285.	0.9	7
72	Enhanced encapsulation and bioavailability of breviscapine in PLGA microparticles by nanocrystal and water-soluble polymer template techniques. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 115, 177-185.	4.3	21

#	Article	IF	Citations
73	Prevention of nanoparticle aggregation during freeze-drying. Journal of Controlled Release, 2017, 248, 153.	9.9	15
74	Intracellular enzymes of the retinal pigment epithelial cells for controlled drug delivery. Journal of Controlled Release, 2017, 251, 102.	9.9	0
75	Understanding the effect of magnesium degradation on drug release and anti-proliferation on smooth muscle cells for magnesium-based drug eluting stents. Corrosion Science, 2017, 123, 297-309.	6.6	28
76	The lack of IVIVC for monoacyl phospholipid-based self-emulsifying drug delivery systems. Journal of Controlled Release, 2017, 255, 279.	9.9	2
77	Cover Story: Nanoparticle properties affecting nuclear targeting in cancer and normal cells. Journal of Controlled Release, 2017, 253, 184.	9.9	0
78	Chitosan-gelatin-platelet gel composite scaffold for bone regeneration. Journal of Controlled Release, 2017, 254, 137.	9.9	7
79	Attenuating the immunogenicity of PEGylated liposomes by gangliosides. Journal of Controlled Release, 2017, 250, 116.	9.9	7
80	Differential response to doxorubicin in breast cancer subtypes simulated by a microfluidic tumor model. Journal of Controlled Release, 2017, 266, 129-139.	9.9	54
81	Cover Story: Zebrafish as a screening tool for the systemic circulation of nanoparticles. Journal of Controlled Release, 2017, 264, 342.	9.9	2
82	The in vivo transformation and pharmacokinetic properties of a liquid crystalline drug delivery system. International Journal of Pharmaceutics, 2017, 532, 345-351.	5.2	13
83	Cover Story Enhanced intrapericardial drug delivery by PLGA nanoparticles. Journal of Controlled Release, 2017, 262, 357.	9.9	2
84	Real-time monitoring of antibody microdistribution during photoimmunotherapy. Journal of Controlled Release, 2017, 260, 247.	9.9	0
85	The drug delivery field at the inflection point: Time to fight its way out of the egg. Journal of Controlled Release, 2017, 267, 2-14.	9.9	48
86	Insight into brain-targeted drug delivery via LAT1-utilizing prodrugs. Journal of Controlled Release, 2017, 261, 368.	9.9	4
87	Tolerance levels of PLGA microspheres in the eyes. Journal of Controlled Release, 2017, 266, 365.	9.9	4
88	Mechanistic understanding of ragweed pollen for oral vaccine delivery. Journal of Controlled Release, 2017, 268, 427.	9.9	0
89	Cover Story: Towards a preventive treatment of Alzheimerâ€™s disease with multi-functional liposomes. Journal of Controlled Release, 2017, 258, 254.	9.9	0
90	Moderate enhancement in tissue permeability by preclinical focused ultrasound. Journal of Controlled Release, 2017, 256, 214.	9.9	0

#	Article	IF	Citations
91	Editorial. Journal of Controlled Release, 2017, 268, 428.	9.9	0
92	Foreign Body Response to Intracortical Microelectrodes Is Not Altered with Dip-Coating of Polyethylene Glycol (PEG). Frontiers in Neuroscience, 2017, 11, 513.	2.8	32
93	Reshapable polymeric hydrogel for controlled soft-tissue expansion: In vitro and in vivo evaluation. Journal of Controlled Release, 2017, 262, 201-211.	9.9	24
94	Multicomponent, peptide-targeted glycol chitosan nanoparticles containing ferrimagnetic iron oxide nanocubes for bladder cancer multimodal imaging. International Journal of Nanomedicine, 2016, Volume 11, 4141-4155.	6.7	46
95	Silymarin-Loaded Nanoparticles Based on Stearic Acid-Modified Bletilla striata Polysaccharide for Hepatic Targeting. Molecules, 2016, 21, 265.	3.8	31
96	Ocular microparticle formulations for 6-month delivery of anti-VEGF. Journal of Controlled Release, 2016, 244, 136.	9.9	2
97	Ultrasound and microbubble enhanced treatment of inoperable pancreatic cancer. Journal of Controlled Release, 2016, 243, 381.	9.9	0
98	A Fast and Sensitive Method for the Detection of Leuprolide Acetate: A High-Throughput Approach for the In Vitro Evaluation of Liquid Crystal Formulations. Analytical Chemistry, 2016, 88, 4613-4618.	6.5	3
99	Enhanced antitumor effects of hTRAIL by binding to endogenous albumin. Journal of Controlled Release, 2016, 228, 206.	9.9	1
100	Isolated lung model for assessing drug absorption from PLGA microparticles. Journal of Controlled Release, 2016, 226, 268.	9.9	2
101	Sustained delivery of antibodies in vivo by local retention. Journal of Controlled Release, 2016, 230, 116.	9.9	0
102	Chemical gas-generating nanoparticles for tumor-targeted ultrasound imaging and ultrasound-triggered drug delivery. Biomaterials, 2016, 108, 57-70.	11.4	64
103	Mechanisms controlling drug release from coated pellets. Journal of Controlled Release, 2016, 237, 185.	9.9	1
104	Perivascular administration: The outside-in concept. Journal of Controlled Release, 2016, 232, 265.	9.9	1
105	Hemocompatible and immune-safe library of citrem-phospholipid liquid crystalline nanoplatforms. Journal of Controlled Release, 2016, 239, 249.	9.9	1
106	Sophoridine-loaded PLGA microspheres for lung targeting: preparation, in vitro, and in vivo evaluation. Drug Delivery, 2016, 23, 3674-3680.	5.7	16
107	Acoustic Cluster Therapy for better treatment of solid tumors. Journal of Controlled Release, 2016, 236, 117.	9.9	8
108	Sustained efficacy of paclitaxel nanocrystals in hydrogel depot. Journal of Controlled Release, 2016, 235, 393.	9.9	0

#	Article	IF	Citations
109	Combinatorial nanodiamond in pharmaceutical and biomedical applications. International Journal of Pharmaceutics, 2016, 514, 41-51.	5.2	65
110	Formulation and characterization of a liquid crystalline hexagonal mesophase region of phosphatidylcholine, sorbitan monooleate, and tocopherol acetate for sustained delivery of leuprolide acetate. International Journal of Pharmaceutics, 2016, 514, 314-321.	5.2	25
111	In vivo DNA delivery with NickFect peptide vectors. Journal of Controlled Release, 2016, 241, 242.	9.9	2
112	Maintaining protein activity during hydrogel cross-linking. Journal of Controlled Release, 2016, 238, 313.	9.9	0
113	Impact of surfactant treatment of paclitaxel nanocrystals on biodistribution and tumor accumulation in tumor-bearing mice. Journal of Controlled Release, 2016, 237, 168-176.	9.9	40
114	Organotypic non-melanoma skin cancer models for use in preclinical research. Journal of Controlled Release, 2016, 233, 220.	9.9	0
115	Pulmonary delivery of anti-ricin antibody: From the bench to the clinic. Journal of Controlled Release, 2016, 234, 135.	9.9	0
116	Targeting prostate cancer cells en route to dissemination. Journal of Controlled Release, 2016, 223, 224.	9.9	2
117	Magnetic resonance imaging for developing intramuscular formulations. Journal of Controlled Release, 2016, 227, 94.	9.9	0
118	PLA micro- and nano-particles. Advanced Drug Delivery Reviews, 2016, 107, 176-191.	13.7	241
119	Visualization of focal permeation sites within epithelial barriers. Journal of Controlled Release, 2016, 229, 200.	9.9	0
120	Exosome-based therapeutic approach for muscle regeneration. Journal of Controlled Release, 2016, 222, 176.	9.9	6
121	Synergistic anti-tumor activity through combinational intratumoral injection of an in-situ injectable drug depot. Biomaterials, 2016, 85, 232-245.	11.4	72
122	A hydrophilic matrix approach for controlled vaginal drug delivery. Journal of Controlled Release, 2016, 224, 240.	9.9	0
123	Drug Delivery Research: The Invention Cycle. Molecular Pharmaceutics, 2016, 13, 2143-2147.	4.6	26
124	Types and Chemistry of Synthetic Hydrogels. , 2016, , 17-44.		3
125	Effects of the Microparticle Shape on Cellular Uptake. Molecular Pharmaceutics, 2016, 13, 2164-2171.	4.6	99
126	Dissolving microneedle vaccine delivery systems. Journal of Controlled Release, 2016, 225, 314.	9.9	3

#	Article	IF	Citations
127	An integrated assessment of PEGylated liposomal doxorubicin products. Journal of Controlled Release, 2016, 221, 71.	9.9	1
128	Recapitulation of complex transport and action of drugs at the tumor microenvironment using tumor-microenvironment-on-chip. Cancer Letters, 2016, 380, 319-329.	7.2	41
129	Drug delivery of the future: Chasing the invisible gorilla. Journal of Controlled Release, 2016, 240, 2-8.	9.9	62
130	Enhanced regeneration capacity of cardiac stem cells by TAT-Hsp27. Journal of Controlled Release, 2015, 215, 129.	9.9	0
131	Pulmonary Codelivery of Doxorubicin and siRNA by pHâ€Sensitive Nanoparticles for Therapy of Metastatic Lung Cancer. Small, 2015, 11, 4321-4333.	10.0	92
132	Spatio-temporal heterogeneity in tumor liposome uptake: Characterization of macro- and microdistribution. Journal of Controlled Release, 2015, 207, 164.	9.9	0
133	Comparative studies on the properties of glycyrrhetinic acid-loaded PLGA microparticles prepared by emulsion and template methods. International Journal of Pharmaceutics, 2015, 496, 723-731.	5.2	17
134	An intravaginal ring for sustained and simultaneous delivery of 4 drugs. Journal of Controlled Release, 2015, 213, 193.	9.9	1
135	Novel approach to measure drug release from nanomedicines. Journal of Controlled Release, 2015, 220, 568.	9.9	0
136	A microfluidic system for evaluating drug delivery to solid tumors. Journal of Controlled Release, 2015, 201, 101.	9.9	1
137	Triglyceride micro-emulsion for detoxification of acute pharmacotoxicity. Journal of Controlled Release, 2015, 198, 104.	9.9	0
138	Avasimibe Encapsulated in Human Serum Albumin Blocks Cholesterol Esterification for Selective Cancer Treatment. ACS Nano, 2015, 9, 2420-2432.	14.6	68
139	Mast cells for cell-mediated therapy. Journal of Controlled Release, 2015, 202, 118.	9.9	0
140	Tissue penetration of bacteria into quiescent regions of tumors. Journal of Controlled Release, 2015, 199, 198.	9.9	0
141	Insight into extravasation and internalization of nanoparticles. Journal of Controlled Release, 2015, 206, 243.	9.9	0
142	Rational design of agents to transiently increase paracellular permeability. Journal of Controlled Release, 2015, 210, 246.	9.9	1
143	Biodegradable thermosensitive polymer gel for sustained BMP-2 delivery. Journal of Controlled Release, 2015, 209, 337.	9.9	1
144	Drug release mechanisms from amorphous solid dispersions. Journal of Controlled Release, 2015, 211, 171.	9.9	16

#	Article	IF	Citations
145	Thin-film freeze-drying for lyophilization of vaccines. Journal of Controlled Release, 2015, 204, 98.	9.9	1
146	Calciumâ€“siRNA nanocomplexes: The importance of reversibility. Journal of Controlled Release, 2015, 203, 189.	9.9	2
147	IVIVC of parenteral PLGA microspheres. Journal of Controlled Release, 2015, 218, 116.	9.9	4
148	Dynamic cell culture model of endothelial cells for simulating in vivo nanoparticle uptake. Journal of Controlled Release, 2015, 216, 169.	9.9	0
149	Controlled Drug Delivery: Historical perspective for the next generation. Journal of Controlled Release, 2015, 219, 2-7.	9.9	263
150	Super paramagnetic nanoparticles for the diagnostic imaging of pancreatic cancer. Journal of Controlled Release, 2015, 214, 134.	9.9	1
151	Chemically Modified Natural Polysaccharides to Form Gels. , 2015, , 1555-1582.		5
152	Antibody transport within the brain. Journal of Controlled Release, 2015, 197, 219.	9.9	0
153	Opening the blood-brain barrier by focused ultrasound. Journal of Controlled Release, 2015, 212, 113.	9.9	0
154	Quantitative 3D mapping of drug absorption in skin. Journal of Controlled Release, 2015, 200, 233.	9.9	0
155	A protocol for assay of poly(lactide- co -glycolide) in clinical products. International Journal of Pharmaceutics, 2015, 495, 87-92.	5.2	48
156	3D printing of 5-drug polypill. Journal of Controlled Release, 2015, 217, 352.	9.9	16
157	Smart nanoparticles for drug delivery: Boundaries and opportunities. Chemical Engineering Science, 2015, 125, 158-164.	3.8	137
158	Molecular imaging in the aid of drug delivery technology. Macromolecular Research, 2014, 22, 926-931.	2.4	4
159	Reversible albumin conjugation for improved molecular imaging. Journal of Controlled Release, 2014, 186, 88.	9.9	0
160	True combination therapy using synergistic drug combination. Journal of Controlled Release, 2014, 187, 198.	9.9	6
161	Predictive models of nanoparticle transport in solid tumors. Journal of Controlled Release, 2014, 192, 325.	9.9	0
162	Dissolution mechanisms of felodipine solid dispersions. Journal of Controlled Release, 2014, 188, 101.	9.9	0

#	Article	IF	Citations
163	Ligand Affinity: Multivalency counterbalances PEGylation. Journal of Controlled Release, 2014, 194, 351.	9.9	2
164	Chemically Modified Natural Polysaccharides to Form Gels. , 2014, , 1-25.		3
165	Rhythmomimetic Drug Delivery. Journal of Controlled Release, 2014, 196, 394.	9.9	0
166	Cornea-targeted gene therapy using adenovirus vector. Journal of Controlled Release, 2014, 181, 53.	9.9	1
167	Lessons learned from thermosensitive liposomes for improved chemotherapy. Journal of Controlled Release, 2014, 174, 219.	9.9	10
168	Targeted vs. non-targeted delivery systems: Reduced toxicity over efficacy. Journal of Controlled Release, 2014, 178, 126.	9.9	6
169	Neuroprotective ferulic acid (FA)â€“glycol chitosan (GC) nanoparticles for functional restoration of traumatically injured spinal cord. Biomaterials, 2014, 35, 2355-2364.	11.4	105
170	Harnessing lipid absorption pathways to target the lymphatic system. Journal of Controlled Release, 2014, 177, 108.	9.9	2
171	The mitotic window of opportunity for plasmid DNA delivery. Journal of Controlled Release, 2014, 179, 76.	9.9	0
172	Microparticles produced by the hydrogel template method for sustained drug delivery. International Journal of Pharmaceutics, 2014, 461, 258-269.	5.2	48
173	Translation from mouse to human: Time to think in new boxes. Journal of Controlled Release, 2014, 189, 187.	9.9	11
174	Simulation of complex transport of nanoparticles around a tumor using tumor-microenvironment-on-chip. Journal of Controlled Release, 2014, 194, 157-167.	9.9	146
175	Lyotropic liquid crystal for long-term delivery of peptide drugs. Journal of Controlled Release, 2014, 185, 139.	9.9	5
176	Controlled drug delivery systems: Past forward and future back. Journal of Controlled Release, 2014, 190, 3-8.	9.9	525
177	Absence of in vivoâ€“in vitro correlation in per-oral drug delivery. Journal of Controlled Release, 2014, 180, 150.	9.9	8
178	Multicomponent nanochains for treating cancer micrometastasis. Journal of Controlled Release, 2014, 173, 166.	9.9	0
179	Development and evaluation of transferrin-stabilized paclitaxel nanocrystal formulation. Journal of Controlled Release, 2014, 176, 76-85.	9.9	94
180	Complex adaptive therapeutic strategy for cancer treatment. Journal of Controlled Release, 2014, 175, 87.	9.9	0

#	Article	IF	Citations
181	Endothelial specific delivery of siRNA. Journal of Controlled Release, 2014, 176, 133.	9.9	0
182	Collagen gels for delivery of bioactive peptide derived from BMP-9. Journal of Controlled Release, 2014, 182, 121.	9.9	0
183	Controlled drug delivery systems: the next 30 years. Frontiers of Chemical Science and Engineering, 2014, 8, 276-279.	4.4	27
184	Self-assembled glycol chitosan nanoparticles for disease-specific theranostics. Journal of Controlled Release, 2014, 193, 202-213.	9.9	78
185	Vascularization in 3D bioprinted scaffolds. Journal of Controlled Release, 2014, 184, 79.	9.9	7
186	Biological effect of BMP-2 monitored by PET/CT. Journal of Controlled Release, 2014, 183, 178.	9.9	0
187	Hydrogels for delivery of bioactive agents: A historical perspective. Advanced Drug Delivery Reviews, 2013, 65, 17-20.	13.7	211
188	Questions on the role of the EPR effect in tumor targeting. Journal of Controlled Release, 2013, 172, 391.	9.9	49
189	FRET Imaging Reveals Different Cellular Entry Routes of Self-Assembled and Disulfide Bonded Polymeric Micelles. Molecular Pharmaceutics, 2013, 10, 3497-3506.	4.6	47
190	Improved tumor targeting by mild hyperthermia. Journal of Controlled Release, 2013, 167, 220.	9.9	1
191	Hydrogel particle aggregates for growth factor delivery. Journal of Controlled Release, 2013, 167, 333.	9.9	1
192	Enhanced drug-loading and therapeutic efficacy of hydrotropic oligomer-conjugated glycol chitosan nanoparticles for tumor-targeted paclitaxel delivery. Journal of Controlled Release, 2013, 172, 823-831.	9.9	88
193	Targeted inhibition of inflammatory gene expression in endothelial cells. Journal of Controlled Release, 2013, 166, 86.	9.9	1
194	Not all liposomes are created equal. Journal of Controlled Release, 2013, 166, 316.	9.9	2
195	Facing the Truth about Nanotechnology in Drug Delivery. ACS Nano, 2013, 7, 7442-7447.	14.6	457
196	Nanoparticle diffusion in the bovine vitreous. Journal of Controlled Release, 2013, 167, 108.	9.9	5
197	Transport of nanostructured lipid carriers across the intestinal barrier. Journal of Controlled Release, 2013, 166, 195.	9.9	4
198	Mechanistic study on the ABC phenomenon of PEG conjugates. Journal of Controlled Release, 2013, 165, 234.	9.9	4

#	Article	IF	Citations
199	Protocells for DNA cargo delivery to the spinal cord. Journal of Controlled Release, 2013, 168, 238.	9.9	1
200	Catechol-functionalized adhesive nanoparticles as a surface-releasing system. Journal of Controlled Release, 2013, 170, 306.	9.9	0
201	Small molecule inhibitors to manipulate adenovirus gene transfer. Journal of Controlled Release, 2013, 170, 160.	9.9	0
202	A new look at ultrasound-mediated extravasation. Journal of Controlled Release, 2013, 168, 341.	9.9	0
203	Programmed sickle cells for targeted delivery to hypoxic tumors. Journal of Controlled Release, 2013, 171, 258.	9.9	1
204	Polymeric micelles and alternative nanonized delivery vehicles for poorly soluble drugs. International Journal of Pharmaceutics, 2013, 453, 198-214.	5.2	465
205	Delivery of definable numbers of PLGA microparticles within embryoid bodies. Journal of Controlled Release, 2013, 168, 103.	9.9	1
206	PK modulation of peptides by hapten-mediated antibody complexation. Journal of Controlled Release, 2013, 171, 91.	9.9	0
207	In vitro and in vivo correlation of paclitaxel-loaded polymeric microparticles. Journal of Controlled Release, 2013, 172, 1162.	9.9	2
208	Just getting into cells is not enough. Journal of Controlled Release, 2013, 169, 162.	9.9	0
209	Nanoparticles for oral delivery: Targeted nanoparticles with peptidic ligands for oral protein delivery. Advanced Drug Delivery Reviews, 2013, 65, 822-832.	13.7	364
210	Development of an in Vitro 3D Tumor Model to Study Therapeutic Efficiency of an Anticancer Drug. Molecular Pharmaceutics, 2013, 10, 2167-2175.	4.6	157
211	A cell therapy-based cure of the Laron Syndrome. Journal of Controlled Release, 2013, 165, 90.	9.9	0
212	Targeted delivery nano/micro particles to inflamed intestinal mucosa in human. Journal of Controlled Release, 2013, 165, 162.	9.9	2
213	Blood-stable, tumor-adaptable disulfide bonded mPEG-(Cys)4-PDLLA micelles for chemotherapy. Biomaterials, 2013, 34, 552-561.	11.4	102
214	The Missing Components Today and the New Treatments Tomorrow. , 2013, , 689-707.		3
215	Analysis on the current status of targeted drug delivery to tumors. Journal of Controlled Release, 2012, 164, 108-114.	9.9	343
216	Poly-SNO-HSA: A safe and effective multifunctional antitumor agent. Journal of Controlled Release, 2012, 164, 105.	9.9	1

#	Article	IF	Citations
217	The role of major vault protein (MVP) in drug resistance. Journal of Controlled Release, 2012, 163, 266.	9.9	18
218	Injectable in situ-forming hydrogels for a suppression of drug burst from drug-loaded microcapsules. Soft Matter, 2012, 8, 7638.	2.7	18
219	Extravascular transport of nanoparticles in solid tumors. Journal of Controlled Release, 2012, 161, 967.	9.9	3
220	No penetration of nanoparticles through intact skin. Journal of Controlled Release, 2012, 162, 258.	9.9	3
221	Hyaluronic acid-based nanocarriers for intracellular targeting: Interfacial interactions with proteins in cancer. Colloids and Surfaces B: Biointerfaces, 2012, 99, 82-94.	5.0	221
222	In vivo NIRF and MR dual-modality imaging using glycol chitosan nanoparticles. Journal of Controlled Release, 2012, 163, 249-255.	9.9	49
223	Active liposomal loading of a poorly soluble ionizable drug. Journal of Controlled Release, 2012, 162, 475.	9.9	2
224	Significance of handling, formulation and storage conditions on the stability and bioactivity of rhBMP-2. Journal of Controlled Release, 2012, 162, 654.	9.9	1
225	Vascular modification by electropermeabilization. Journal of Controlled Release, 2012, 163, 404.	9.9	0
226	Drug delivery applications for superporous hydrogels. Expert Opinion on Drug Delivery, 2012, 9, 71-89.	5.0	66
227	Hydrogels. , 2012, , 75-105.		21
228	Albumin: A versatile carrier for drug delivery. Journal of Controlled Release, 2012, 157, 3.	9.9	44
229	Microbubble ultrasound-guided targeted delivery to tumors. Journal of Controlled Release, 2012, 157, 167.	9.9	1
230	The optimal formulation variables for tumor targeting. Journal of Controlled Release, 2012, 157, 315-316.	9.9	1
231	Targeted delivery to monocytes. Journal of Controlled Release, 2012, 158, 1.	9.9	5
232	Comparative study on liposome targeting to tumor endothelium. Journal of Controlled Release, 2012, 158, 181.	9.9	3
233	Dual drug-eluting stent. Journal of Controlled Release, 2012, 159, 1.	9.9	13
234	Hydrotropic magnetic micelles for combined magnetic resonance imaging and cancer therapy. Journal of Controlled Release, 2012, 160, 692-698.	9.9	33

#	Article	IF	Citations
235	Arginine-rich CPPs for improved drug delivery to tumors. Journal of Controlled Release, 2012, 159, 153.	9.9	7
236	Functional enhancement of transplanted islets by Extendin-4. Journal of Controlled Release, 2012, 159, 311.	9.9	1
237	Toxicity risk of nanocarriers. Journal of Controlled Release, 2012, 160, 1-2.	9.9	3
238	Nanotechnology in Drug Delivery. , 2012, , 519-534.		0
239	Enhanced delivery to endothelial lysosomes by ICAM-1-targeted nanocarriers. Journal of Controlled Release, 2011, 149, 207-208.	9.9	0
240	Hydrotropic polymer micelles as versatile vehicles for delivery of poorly water-soluble drugs. Journal of Controlled Release, 2011, 152, 13-20.	9.9	54
241	Selective endothelial targeting of stealthed adenovirus. Journal of Controlled Release, 2011, 150, 127.	9.9	0
242	Noninvasive imaging of MT1-MMP-positive tumors. Journal of Controlled Release, 2011, 150, 237.	9.9	0
243	Systemic anti-tumor activity of liposomal glucocorticoids. Journal of Controlled Release, 2011, 151, 1.	9.9	0
244	Mechanism of cross-presentation of microencapsulated antigen. Journal of Controlled Release, 2011, 151, 219.	9.9	2
245	Injectable hyaluronic acid hydrogel for bone augmentation. Journal of Controlled Release, 2011, 152, 207.	9.9	8
246	Improving the reach of vaccines to low-resource regions with a needle-free vaccine delivery device and long-term thermostabilization. Journal of Controlled Release, 2011, 152, 329.	9.9	4
247	Targeted drug delivery to tumors: Myths, reality and possibility. Journal of Controlled Release, 2011, 153, 198-205.	9.9	1,580
248	Unraveling the penetration: Model giant plasma membrane vesicles for study of cell-penetrating peptides. Journal of Controlled Release, 2011, 153, 105.	9.9	0
249	Engineered cell/matrix platform for hypoxia-induced angiogenesis. Journal of Controlled Release, 2011, 153, 197.	9.9	5
250	Hexagonal prism nanocarriers for mitigated phagocytosis. Journal of Controlled Release, 2011, 154, 1.	9.9	1
251	Administration route and carrier dependent effects on vaccine efficacy: Implications for vaccine design. Journal of Controlled Release, 2011, 154, 109.	9.9	0
252	Shockwave-ruptured nanopayload carriers (SHERPAs) for ultrasound-triggered drug release. Journal of Controlled Release, 2011, 155, 343.	9.9	2

#	Article	IF	Citations
253	Nanocomposite microparticles for injectable cell scaffolds. Journal of Controlled Release, 2011, 156, 1.	9.9	1
254	Cardioprotective properties of Tat-BH4 and Pip2b-BH4 in vivo. Journal of Controlled Release, 2011, 156, 117.	9.9	0
255	IVIVC for circulation kinetics of liposomes. Journal of Controlled Release, 2011, 156, 275.	9.9	0
256	In vitroâ€“in vivo correlation: Perspectives on model development. International Journal of Pharmaceutics, 2011, 418, 142-148.	5.2	105
257	Oral protein delivery: Current status and future prospect. Reactive and Functional Polymers, 2011, 71, 280-287.	4.1	230
258	Hydrogel Templates for the Fabrication of Homogeneous Polymer Microparticles. Methods in Molecular Biology, 2011, 726, 179-185.	0.9	8
259	Polymer Micelles for Drug Delivery. , 2010, , 513-551.		12
260	Application of poly(acrylic acid) superporous hydrogel microparticles as a super-disintegrant in fast-disintegrating tabletsâ€. Journal of Pharmacy and Pharmacology, 2010, 56, 429-436.	2.4	42
261	Polycation gene delivery systems: escape from endosomes to cytosol. Journal of Pharmacy and Pharmacology, 2010, 55, 721-734.	2.4	319
262	Recent developments in superporous hydrogels. Journal of Pharmacy and Pharmacology, 2010, 59, 317-327.	2.4	82
263	Simple preparation of coated resin complexes and their incorporation into fast-disintegrating tablets. Archives of Pharmacal Research, 2010, 33, 115-123.	6.3	5
264	The hydrogel template method for fabrication of homogeneous nano/microparticles. Journal of Controlled Release, 2010, 141, 314-319.	9.9	128
265	Target cell-specific transgene expression delivery systems. Journal of Controlled Release, 2010, 141, 1-1.	9.9	2
266	Luciferin liposomes for enhanced in vivo bioluminescence. Journal of Controlled Release, 2010, 141, 109.	9.9	2
267	To PEGylate or not to PEGylate, that is not the question. Journal of Controlled Release, 2010, 142, 147-148.	9.9	60
268	Systemic siRNA delivery using biocompatible calcium phosphate nanoparticles. Journal of Controlled Release, 2010, 142, 295.	9.9	6
269	Monitoring intracellular degradation of exogenous DNA by FCS and FCCS. Journal of Controlled Release, 2010, 143, 1-1.	9.9	1
270	Tumor regression after systemic administration of transferrin-targeted TNFÎ± plasmidâ€“dendrimer conjugates. Journal of Controlled Release, 2010, 143, 167-167.	9.9	2

#	Article	IF	Citations
271	Efficient delivery of VEGF via heparin-functionalized nanoparticleâ€“fibrin complex. Journal of Controlled Release, 2010, 143, 281-281.	9.9	1
272	A study of drug release from homogeneous PLGA microstructures. Journal of Controlled Release, 2010, 146, 201-206.	9.9	85
273	Safe and efficient gene delivery by hybrid polymerâ€“virus vectors. Journal of Controlled Release, 2010, 144, 1-1.	9.9	0
274	Tumor-homing multifunctional nanoparticles for cancer theragnosis: Simultaneous diagnosis, drug delivery, and therapeutic monitoring. Journal of Controlled Release, 2010, 146, 219-227.	9.9	336
275	Nano is better than micro for targeted vaccine delivery. Journal of Controlled Release, 2010, 144, 117.	9.9	5
276	In vivo MRI analysis of intracellular trafficking of paramagnetically labeled liposomes. Journal of Controlled Release, 2010, 144, 269-270.	9.9	0
277	Efficient oral delivery of paclitaxel using cyclodextrin complexes. Journal of Controlled Release, 2010, 145, 1-1.	9.9	7
278	Issues in long-term protein delivery using biodegradable microparticles. Journal of Controlled Release, 2010, 146, 241-260.	9.9	326
279	A new ligand for targeted drug delivery to tumor stromal cells. Journal of Controlled Release, 2010, 145, 75.	9.9	2
280	Drug release coating for reduced tissue reaction to implanted neuroprostheses. Journal of Controlled Release, 2010, 145, 177.	9.9	2
281	Positron emission tomography imaging for study of intestinal insulin absorption. Journal of Controlled Release, 2010, 146, 1-1.	9.9	1
282	Focused ultrasound for targeted nanoparticle delivery to tumors. Journal of Controlled Release, 2010, 146, 263-263.	9.9	8
283	Carbonate apatite-facilitated intracellular delivery of siRNA. Journal of Controlled Release, 2010, 147, 1-1.	9.9	3
284	Critical role of molecular imaging for substantially improved anticancer therapy. Journal of Controlled Release, 2010, 147, 153.	9.9	0
285	Effect of shape and size of polymer particles on cellular internalization. Journal of Controlled Release, 2010, 147, 313.	9.9	9
286	Paclitaxel-loaded nanoparticles by temperature-induced phase transition. Journal of Controlled Release, 2010, 148, 265.	9.9	2
287	Hydrotropic Solubilization of Poorly Water-Soluble Drugs. Journal of Pharmaceutical Sciences, 2010, 99, 3953-3965.	3.3	102
288	Hydrotropic hyaluronic acid conjugates: Synthesis, characterization, and implications as a carrier of paclitaxel. International Journal of Pharmaceutics, 2010, 394, 154-161.	5.2	88

#	Article	IF	Citations
289	Overcoming the barriers in micellar drug delivery: loading efficiency,in vivostability, and micelleâ€“cell interaction. Expert Opinion on Drug Delivery, 2010, 7, 49-62.	5.0	487
290	Engineered High Swelling Hydrogels. , 2010, , 351-374.		4
291	Introduction to Hydrogels. , 2010, , 1-16.		30
292	In vitro and in vivo release of albumin from an electrostatically crosslinked in situ-forming gel. Journal of Materials Chemistry, 2010, 20, 3265.	6.7	20
293	Experimental Design in the Preparation of Modified HEMA-Based Superporous Hydrogels in an Aqueous Medium. International Journal of Polymeric Materials and Polymeric Biomaterials, 2010, 59, 693-709.	3.4	9
294	Swelling and Mechanical Properties of Modified HEMA-based Superporous Hydrogels. Journal of Bioactive and Compatible Polymers, 2010, 25, 483-497.	2.1	43
295	Superabsorbent Hydrogels. , 2010, , 375-391.		6
296	Dendrimer polymeric micelles for enhanced photodynamic cancer treatment. Journal of Controlled Release, 2009, 133, 171.	9.9	1
297	Lectin-immobilized nanospheres for GI tumor targeting. Journal of Controlled Release, 2009, 134, 1.	9.9	1
298	Non-ionic polymersomes for delivery of oligonucleotides. Journal of Controlled Release, 2009, 134, 73.	9.9	3
299	Smart nanobombs for inducing traumatic death of cancer cells. Journal of Controlled Release, 2009, 135, 1.	9.9	1
300	Self-exploding microcapsules for pulsed drug delivery. Journal of Controlled Release, 2009, 135, 185.	9.9	1
301	Octaarginine-liposomes as an effective vaccine carrier for mature dendritic cells. Journal of Controlled Release, 2009, 136, 1-1.	9.9	2
302	Non viral vector delivery in vitro using fibrin hydrogels. Journal of Controlled Release, 2009, 136, 87.	9.9	0
303	Targeting to retina by submicron-sized liposomes. Journal of Controlled Release, 2009, 136, 171.	9.9	0
304	Transport across the blood-brain barrier using albumin nanoparticles. Journal of Controlled Release, 2009, 137, 1.	9.9	15
305	Real time tracking of single magnetic lipoplex particles in living cells. Journal of Controlled Release, 2009, 137, 89.	9.9	0
306	Xenogeneic delivery of therapeutic products using transient immunosuppression. Journal of Controlled Release, 2009, 137, 173.	9.9	0

#	Article	IF	Citations
307	Confocal Raman spectroscopy to study in vivo skin penetration of retinol. Journal of Controlled Release, 2009, 138, 1.	9.9	5
308	Hydrotropic oligomer-conjugated glycol chitosan as a carrier of paclitaxel: Synthesis, characterization, and in vivo biodistribution. Journal of Controlled Release, 2009, 140, 210-217.	9.9	87
309	Enhanced mucosal vaccination by biodegradable nanoparticles. Journal of Controlled Release, 2009, 138, 89.	9.9	1
310	Selective synovectomy using thrombin-sensitive photodynamic agents. Journal of Controlled Release, 2009, 138, 224.	9.9	1
311	Intracellular trafficking of cell-penetrating peptideâ€“avidin complexes. Journal of Controlled Release, 2009, 139, 87.	9.9	0
312	Dry coating of immunotherapeutics to densely packed and short microprojection arrays. Journal of Controlled Release, 2009, 139, 171.	9.9	2
313	The 14th International Symposium on Recent Advances in Drug Delivery Systems, February 15â€“18, 2009, Salt Lake City, UT, USA. Journal of Controlled Release, 2009, 140, 183-184.	9.9	0
314	Nanovehicles for enhanced oral delivery of taxanes. Journal of Controlled Release, 2009, 140, 77-78.	9.9	3
315	BSA-FITC-loaded microcapsules for in vivo delivery. Biomaterials, 2009, 30, 902-909.	11.4	69
316	Engineered polymers for advanced drug delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2009, 71, 420-430.	4.3	298
317	Drug-Eluting Stent for Delivery of Signal Pathway-Specific 1,3-Dipropyl-8-cyclopentyl Xanthine. Molecular Pharmaceutics, 2009, 6, 1110-1117.	4.6	15
318	Insulin-Loaded Microcapsules for In Vivo Delivery. Molecular Pharmaceutics, 2009, 6, 353-365.	4.6	38
319	Nanotechnology in Drug Delivery: Past, Present, and Future. , 2009, , 581-596.		5
320	Fast-Responsive Macroporous Hydrogels. , 2009, , 179-208.		2
321	Microenvironment-Controlled Encapsulation (MiCE) Process: Effects of PLGA Concentration, Flow Rate, and Collection Method on Microcapsule Size and Morphology. Pharmaceutical Research, 2008, 25, 5-15.	3.5	12
322	Synergic Effects of Polymeric Additives on Dissolution and Crystallization of Acetaminophen. Pharmaceutical Research, 2008, 25, 349-358.	3.5	33
323	Comparison of micelles formed by amphiphilic star block copolymers prepared in the presence of a nonmetallic monomer activator. Journal of Polymer Science Part A, 2008, 46, 2084-2096.	2.3	29
324	Application of coherent antiâ€stokes Raman scattering microscopy to image the changes in a paclitaxelâ€“poly(styreneâ€bâ€isobutyleneâ€bâ€styrene) matrix preâ€and postâ€drug elution. Journal of Biomedical Materials Research - Part A, 2008, 87A, 913-920.	4.0	19

#	Article	IF	Citations
325	Development of sustained release fast-disintegrating tablets using various polymer-coated ion-exchange resin complexes. International Journal of Pharmaceutics, 2008, 353, 195-204.	5.2	50
326	A new hydrotropic block copolymer micelle system for aqueous solubilization of paclitaxel. Journal of Controlled Release, 2008, 126, 122-129.	9.9	108
327	Hydrotropic polymer micelles containing acrylic acid moieties for oral delivery of paclitaxel. Journal of Controlled Release, 2008, 132, 222-229.	9.9	117
328	Trojan monocytes for improved drug delivery to the brain. Journal of Controlled Release, 2008, 132, 75.	9.9	23
329	Ultrasound-activatable drug-loaded microbubbles for intracellular targeting. Journal of Controlled Release, 2008, 132, 151.	9.9	3
330	Material properties for making fast dissolving tablets by a compression method. Journal of Materials Chemistry, 2008, 18, 3527.	6.7	31
331	Fast Release of Lipophilic Agents from Circulating PEG-PDLLA Micelles Revealed by in Vivo FÃ¶rster Resonance Energy Transfer Imaging. Langmuir, 2008, 24, 5213-5217.	3.5	293
332	Release of hydrophobic molecules from polymer micelles into cell membranes revealed by FÃ¶rster resonance energy transfer imaging. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 6596-6601.	7.1	358
333	Hydrotropic Polymeric Micelles for Enhanced Paclitaxel Solubility:Â In Vitro and In Vivo Characterization. Biomacromolecules, 2007, 8, 202-208.	5.4	183
334	Temperature-Responsive Water-Soluble Copolymers Based on 2-Hydroxyethyl Acrylate and Butyl Acrylate. Macromolecular Chemistry and Physics, 2007, 208, 979-987.	2.2	50
335	Smart polymeric gels: Redefining the limits of biomedical devices. Progress in Polymer Science, 2007, 32, 1083-1122.	24.7	538
336	Nanotechnology: What it can do for drug delivery. Journal of Controlled Release, 2007, 120, 1-3.	9.9	192
337	Paclitaxel distribution in poly(ethylene glycol)/poly(lactide-co-glycolic acid) blends and its release visualized by coherent anti-Stokes Raman scattering microscopy. Journal of Controlled Release, 2007, 122, 261-268.	9.9	59
338	Synthesis and characterization of biodegradable elastic hydrogels based on poly(ethylene glycol) and poly(Îµ-caprolactone) blocks. Macromolecular Research, 2007, 15, 363-369.	2.4	28
339	Layer-by-layer Assembly of Poly(lactic-co-glycolic acid)-b-poly(l-lysine) Copolymer Micelles. Nanobiotechnology, 2007, 3, 96-103.	1.2	9
340	Reservoir-Type Microcapsules Prepared by the Solvent Exchange Method:â€‰ Effect of Formulation Parameters on Microencapsulation of Lysozyme. Molecular Pharmaceutics, 2006, 3, 135-143.	4.6	23
341	In Situ Visualization of Paclitaxel Distribution and Release by Coherent Anti-Stokes Raman Scattering Microscopy. Analytical Chemistry, 2006, 78, 8036-8043.	6.5	67
342	Hydrotropic Polymer Micelles for Cancer Therapeutics. , 2006, , 385-408.		0

#	Article	IF	Citations
343	Novel temperature-responsive water-soluble copolymers based on 2-hydroxyethylacrylate and vinyl butyl ether and their interactions with poly(carboxylic acids). Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 195-204.	2.1	27
344	Mechanisms of controlled drug release from drug-eluting stents. Advanced Drug Delivery Reviews, 2006, 58, 387-401.	13.7	313
345	Preparation and swelling behavior of chitosan-based superporous hydrogels for gastric retention application. Journal of Biomedical Materials Research - Part A, 2006, 76A, 144-150.	4.0	82
346	Elastic, Superporous Hydrogel Hybrids of Polyacrylamide and Sodium Alginate. Macromolecular Bioscience, 2006, 6, 703-710.	4.1	95
347	Hydrotropic Nanocarriers for Poorly Soluble Drugs. , 2006, , 51-73.		8
348	Microcapsule Generation Using a Compound Jet Instability. , 2006, , .		0
349	Biodegradable Polymers for Microencapsulation of Drugs. Molecules, 2005, 10, 146-161.	3.8	252
350	Self-assembly of cholesterol-hydrotropic dendrimer conjugates into micelle-like structure: Preparation and hydrotropic solubilization of paclitaxel. Science and Technology of Advanced Materials, 2005, 6, 452-456.	6.1	29
351	Hydrotropic polymer micelle system for delivery of paclitaxel. Journal of Controlled Release, 2005, 101, 59-68.	9.9	266
352	Advances in superporous hydrogels. Journal of Controlled Release, 2005, 102, 3-12.	9.9	369
353	Bioadhesive interaction and hypoglycemic effect of insulin-loaded lectinâ€“microparticle conjugates in oral insulin delivery system. Journal of Controlled Release, 2005, 102, 525-538.	9.9	92
354	Fast-melting tablets based on highly plastic granules. Journal of Controlled Release, 2005, 109, 203-210.	9.9	33
355	Enhanced Swelling Rate of Poly(ethylene glycol)-Grafted Superporous Hydrogels. Journal of Bioactive and Compatible Polymers, 2005, 20, 231-243.	2.1	25
356	Study on the Interactions Between Polyvinylpyrrolidone (PVP) and Acetaminophen Crystals: Partial Dissolution Pattern Change. Journal of Pharmaceutical Sciences, 2005, 94, 2166-2174.	3.3	31
357	FrostaÂ®: a new technology for making fast-melting tablets. Expert Opinion on Drug Delivery, 2005, 2, 1107-1116.	5.0	21
358	Hydrotropic agents for study of in vitro paclitaxel release from polymeric micelles. Journal of Controlled Release, 2004, 97, 249-257.	9.9	155
359	A new microencapsulation method using an ultrasonic atomizer based on interfacial solvent exchange. Journal of Controlled Release, 2004, 100, 379-388.	9.9	65
360	Characterization of reservoir-type microcapsules made by the solvent exchange method. AAPS PharmSciTech, 2004, 5, 10-17.	3.3	21

#	Article	IF	Citations
361	Solvent Exchange Method: A Novel Microencapsulation Technique Using Dual Microdispensers. Pharmaceutical Research, 2004, 21, 1419-1427.	3.5	42
362	Interpolymer complexes of poly(acrylic acid) with poly(2-hydroxyethyl acrylate) in aqueous solutions. Colloid and Polymer Science, 2004, 283, 174-181.	2.1	23
363	Control of encapsulation efficiency and initial burst in polymeric microparticle systems. Archives of Pharmacal Research, 2004, 27, 1-12.	6.3	460
364	Swelling and mechanical properties of superporous hydrogels of poly(acrylamide-co-acrylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Tc	3.8	144
365	Dissolution Study on Aspirin and Î±-Glycine Crystals. Journal of Physical Chemistry B, 2004, 108, 11219-11227.	2.6	24
366	Polymer composition and acidification effects on the swelling and mechanical properties of poly(acrylamide-co-acrylic acid) superporous hydrogels. Journal of Biomaterials Science, Polymer Edition, 2004, 15, 189-199.	3.5	22
367	Hydrotropic Dendrimers of Generations 4 and 5:â€‰ Synthesis, Characterization, and Hydrotropic Solubilization of Paclitaxel. Bioconjugate Chemistry, 2004, 15, 1221-1229.	3.6	122
368	Aqueous N,N-diethylnicotinamide (DENA) solution as a medium for accelerated release study of paclitaxel. Journal of Biomaterials Science, Polymer Edition, 2004, 15, 527-542.	3.5	13
369	Orally Fast Disintegrating Tablets: Developments, Technologies, Taste-Masking and Clinical Studies. Critical Reviews in Therapeutic Drug Carrier Systems, 2004, 21, 433-476.	2.2	224
370	A Perspective on Current and Future Synthetic Reflexive Systems. , 2004, , .		0
371	Hydrotropic solubilization of paclitaxel: analysis of chemical structures for hydrotropic property. Pharmaceutical Research, 2003, 20, 1022-1030.	3.5	159
372	Superporous IPN hydrogels having enhanced mechanical properties. AAPS PharmSciTech, 2003, 4, 406-412.	3.3	65
373	Self-aggregates of hydrophobically modified poly(2-hydroxyethyl aspartamide) in aqueous solution. Colloid and Polymer Science, 2003, 281, 852-861.	2.1	23
374	Effects of ethylene glycol-based graft, star-shaped, and dendritic polymers on solubilization and controlled release of paclitaxel. Journal of Controlled Release, 2003, 93, 121-127.	9.9	165
375	A new process for making reservoir-type microcapsules using ink-jet technology and interfacial phase separation. Journal of Controlled Release, 2003, 93, 161-173.	9.9	69
376	Preparation of liposomes with glucose binding sites: liposomes containing di-branched amino acid derivatives. Biomaterials, 2003, 24, 4487-4493.	11.4	5
377	Hydrotropic Polymers:Â Synthesis and Characterization of Polymers Containing Picolylnicotinamide Moieties. Macromolecules, 2003, 36, 2248-2255.	4.8	26
378	Local Drug Delivery via a Coronary Stent With Programmable Release Pharmacokinetics. Circulation, 2003, 107, 777-784.	1.6	164

#	Article	IF	Citations
379	Microencapsulation of Protein Drugs. , 2003, , .		0
380	Experimental Design for the Synthesis of Polyacrylamide Superporous Hydrogels. Journal of Bioactive and Compatible Polymers, 2002, 17, 433-450.	2.1	24
381	Understanding the Formation of Etching Patterns Using a Refined Monte Carlo Simulation Model. Crystal Growth and Design, 2002, 2, 177-184.	3.0	6
382	Glucose binding to molecularly imprinted polymers. Journal of Biomaterials Science, Polymer Edition, 2002, 13, 637-649.	3.5	22
383	How Specific Interactions between Acetaminophen and Its Additive 4-Methylacetanilide Affect Growth Morphology:â€‰ Elucidation Using Etching Patterns. Crystal Growth and Design, 2002, 2, 185-189.	3.0	9
384	Collapse of Poly(methacrylic acid) Hydrogels in Response to Simultaneous Stimulation by an Electric Field and Complex Formation. Macromolecular Rapid Communications, 2002, 23, 965-967.	3.9	5
385	Oral Administration of Chemotherapeutic Agents Using Complexation Hydrogels. Materials Research Society Symposia Proceedings, 2002, 724, N10.4.1.	0.1	2
386	Immobilization of concanavalin A to glucose-containing polymers. Macromolecular Symposia, 2001, 172, 95-102.	0.7	5
387	Microencapsulation methods for delivery of protein drugs. Biotechnology and Bioprocess Engineering, 2001, 6, 213-230.	2.6	140
388	Effect of compression on fast swelling of poly(acrylamide-co-acrylic acid) superporous hydrogels. Journal of Biomedical Materials Research Part B, 2001, 55, 54-62.	3.1	34
389	Influence of tailor-made additives on etching patterns of acetaminophen single crystals. Pharmaceutical Research, 2001, 18, 398-402.	3.5	8
390	Glucose-binding property of pegylated concanavalin A. , 2001, 18, 794-799.		32
391	Modulated insulin delivery from glucose-sensitive hydrogel dosage forms. Journal of Controlled Release, 2001, 77, 39-47.	9.9	165
392	Environment-sensitive hydrogels for drug delivery. Advanced Drug Delivery Reviews, 2001, 53, 321-339.	13.7	3,118
393	Control of the Swelling Rate of Superporous Hydrogels. Journal of Bioactive and Compatible Polymers, 2001, 16, 47-57.	2.1	23
394	Pore structure of superporous hydrogels. Polymers for Advanced Technologies, 2000, 11, 617-625.	3.2	90
395	Gastric retention properties of superporous hydrogel composites. Journal of Controlled Release, 2000, 64, 39-51.	9.9	208
396	Synthesis and characterization of superporous hydrogel composites. Journal of Controlled Release, 2000, 65, 73-82.	9.9	215

#	Article	IF	Citations
397	Title is missing!. Pharmaceutical Research, 2000, 17, 1439-1442.	3.5	0
398	In vitro and in vivo studies of PEO-grafted blood-contacting cardiovascular prostheses. Journal of Biomaterials Science, Polymer Edition, 2000, 11, 1121-1134.	3.5	84
399	Controlled Drug Delivery: Present and Future. ACS Symposium Series, 2000, , 2-12.	0.5	12
400	pH-sensitivity of fast responsive superporous hydrogels. Journal of Biomaterials Science, Polymer Edition, 2000, 11, 1371-1380.	3.5	123
401	Surface modification with PEO-containing triblock copolymer for improved biocompatibility: In vitro and ex vivo studies. Journal of Biomaterials Science, Polymer Edition, 1999, 10, 1089-1105.	3.5	48
402	Complement activation by PEO-grafted glass surfaces. Journal of Biomedical Materials Research Part B, 1999, 48, 640-647.	3.1	35
403	Synthesis of superporous hydrogels: Hydrogels with fast swelling and superabsorbent properties. Journal of Biomedical Materials Research Part B, 1999, 44, 53-62.	3.1	404
404	Synthesis and Characterization of Thermoreversible Sucrose Hydrogels (Sucrogels). ACS Symposium Series, 1999, , 113-126.	0.5	3
405	SUPERPOROUS HYDROGELS: FAST RESPONSIVE HYDROGEL SYSTEMS. Journal of Macromolecular Science - Pure and Applied Chemistry, 1999, 36, 917-930.	2.2	16
406	Complement activation by PEOâ€grafted glass surfaces. Journal of Biomedical Materials Research Part B, 1999, 48, 640-647.	3.1	1
407	Synthesis of superporous hydrogels: Hydrogels with fast swelling and superabsorbent properties. Journal of Biomedical Materials Research Part B, 1999, 44, 53-62.	3.1	4
408	Fractal analysis of pharmaceutical particles by atomic force microscopy. Pharmaceutical Research, 1998, 15, 1222-1232.	3.5	30
409	Smart hydrogels for bioseparation. , 1998, 7, 177-184.		91
410	Prevention of Protein Adsorption by Tethered Poly(ethylene oxide) Layers:â€‰ Experiments and Single-Chain Mean-Field Analysis. Langmuir, 1998, 14, 176-186.	3.5	407
411	Small intestinal submucosa: a substrate for in vitro cell growth. Journal of Biomaterials Science, Polymer Edition, 1998, 9, 863-878.	3.5	161
412	Comparative stereochemical analysis of glucose-binding proteins for rational design of glucose-specific agents. Journal of Biomaterials Science, Polymer Edition, 1998, 9, 327-344.	3.5	21
413	Oral immunization of rabbits against Pasteurella multocida with an alginate microsphere delivery system. Journal of Biomaterials Science, Polymer Edition, 1997, 8, 131-139.	3.5	21
414	Characterization of protein release through glucose-sensitive hydrogel membranes. Biomaterials, 1997, 18, 801-806.	11.4	149

#	Article	IF	Citations
415	Grafting of PEO to glass, nitinol, and pyrolytic carbon surfaces by ? irradiation. , 1997, 38, 289-302.		70
416	Administration of Ovalbumin Encapsulated in Alginate Microspheres to Mice. ACS Symposium Series, 1996, , 58-66.	0.5	0
417	Glucose-Sensitive Phase-Reversible Hydrogels. ACS Symposium Series, 1996, , 11-16.	0.5	9
418	Biocompatibility issues of implantable drug delivery systems. Pharmaceutical Research, 1996, 13, 1770-1776.	3.5	171
419	Controlled Release Technologies: Current Status and Future Prospects. Pharmaceutical Research, 1996, 13, 1759-1759.	3.5	7
420	Characterization of glucose dependent gel-sol phase transition of the polymeric glucose-concanavalin A hydrogel system. Pharmaceutical Research, 1996, 13, 989-995.	3.5	91
421	Synthesis and characterization of sol-gel phase-reversible hydrogels sensitive to glucose. , 1996, 9, 549-557.		69
422	Synthesis of Polysaccharide Chemical Gels by Gamma-Ray Irradiation. ACS Symposium Series, 1996, , 180-187.	0.5	9
423	Hydrogels in Bioapplications. ACS Symposium Series, 1996, , 2-10.	0.5	51
424	Analysis of the Prevention of Protein Adsorption by Steric Repulsion Theory. ACS Symposium Series, 1995, , 395-404.	0.5	15
425	Poly(methacrylic acid) Hydrogels for Rumen Bypass and the Delivery of Oral Vaccines to Ruminants. ACS Symposium Series, 1994, , 214-220.	0.5	2
426	Preparation and Characterization of Enzyme-Digestible Hydrogels from Natural Polymers by Gamma Irradiation. ACS Symposium Series, 1994, , 55-65.	0.5	1
427	Protein interaction with surfaces: Separation distanceâ€dependent interaction energies. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1994, 12, 2949-2955.	2.1	26
428	Surface modification of polymeric biomaterials by albumin grafting using Î³-irradiation. Journal of Applied Biomaterials: an Official Journal of the Society for Biomaterials, 1994, 5, 163-173.	1.2	37
429	Analysis on the surface adsorption of PEO/PPO/PEO triblock copolymers by radiolabelling and fluorescence techniques. Journal of Applied Polymer Science, 1994, 52, 539-544.	2.6	37
430	Polymerâ€"Solvent Interactions Studied with Computational Chemistry. ACS Symposium Series, 1994, , 221-233.	0.5	1
431	Loading of bovine serum albumin into hydrogels by an electrophoretic process and its potential application to protein drugs. Pharmaceutical Research, 1993, 10, 457-460.	3.5	9
432	Surface modification of polymeric biomaterials with poly(ethylene oxide), albumin, and heparin for reduced thrombogenicity. Journal of Biomaterials Science, Polymer Edition, 1993, 4, 217-234.	3.5	315

#	Article	IF	Citations
433	Polymers in Pharmaceutical Products. ACS Symposium Series, 1993, , 2-15.	0.5	4
434	Poly(methacrylic acid) Hydrogels as Carriers of Bacterial Exotoxins in an Oral Vaccine for Cattle. ACS Symposium Series, 1993, , 288-296.	0.5	1
435	Study on the prevention of surface-induced platelet activation by albumin coating. Journal of Biomaterials Science, Polymer Edition, 1992, 3, 375-388.	3.5	68
436	Calculation of solvation interaction energies for protein adsorption on polymer surfaces. Journal of Biomaterials Science, Polymer Edition, 1992, 3, 127-147.	3.5	112
437	In vitro and in vivo studies of enzyme-digestible hydrogels for oral drug delivery. Journal of Controlled Release, 1992, 19, 131-144.	9.9	41
438	Gastric Retention of Enzyme-Digestible Hydrogels in the Canine Stomach under Fasted and Fed Conditions. ACS Symposium Series, 1991, , 237-248.	0.5	16
439	Enzyme-Degradable Hydrogels. ACS Symposium Series, 1991, , 484-492.	0.5	8
440	Biochemical and mechanical characterization of enzyme-digestible hydrogels. Pharmaceutical Research, 1990, 07, 816-823.	3.5	44
441	Protein adsorption on polymer surfaces: calculation of adsorption energies. Journal of Biomaterials Science, Polymer Edition, 1989, 1, 243-260.	3.5	33
442	Formulation Issues around Lipid-Based Oral and Parenteral Delivery Systems. , 0, , 32-47.		1
443	PEGylation: Camouflage of Proteins, Cells, and Nanoparticles Against Recognition by the Body's Defense Mechanism. , 0, , 443-461.		3