Kinam Park

List of Publications by Year
in descending order

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443 papers	25,085 citations	9756 73 h-index	8138 148 g-index
491 all docs	491 docs citations	491 times ranked	27317 citing authors

#	Article	IF	Citations
1	Environment-sensitive hydrogels for drug delivery. Advanced Drug Delivery Reviews, 2001, 53, 321-339.	6.6	3,118
2	Targeted drug delivery to tumors: Myths, reality and possibility. Journal of Controlled Release, 2011, 153, 198-205.	4.8	1,580
3	Smart polymeric gels: Redefining the limits of biomedical devices. Progress in Polymer Science, 2007, 32, 1083-1122.	11.8	538
4	Controlled drug delivery systems: Past forward and future back. Journal of Controlled Release, 2014, 190, 3-8.	4.8	525
5	Overcoming the barriers in micellar drug delivery: loading efficiency,in vivostability, and micelleâ€“cell interaction. Expert Opinion on Drug Delivery, 2010, 7, 49-62.	2.4	487
6	Polymeric micelles and alternative nanonized delivery vehicles for poorly soluble drugs. International Journal of Pharmaceutics, 2013, 453, 198-214.	2.6	465
7	Control of encapsulation efficiency and initial burst in polymeric microparticle systems. Archives of Pharmacal Research, 2004, 27, 1-12.	2.7	460
8	Facing the Truth about Nanotechnology in Drug Delivery. ACS Nano, 2013, 7, 7442-7447.	7.3	457
9	Prevention of Protein Adsorption by Tethered Poly(ethylene oxide) Layers:â€‰ Experiments and Single-Chain Mean-Field Analysis. Langmuir, 1998, 14, 176-186.	1.6	407
10	Synthesis of superporous hydrogels: Hydrogels with fast swelling and superabsorbent properties. , 1999, 44, 53-62.		404
11	Advances in superporous hydrogels. Journal of Controlled Release, 2005, 102, 3-12.	4.8	369
12	Nanoparticles for oral delivery: Targeted nanoparticles with peptidic ligands for oral protein delivery. Advanced Drug Delivery Reviews, 2013, 65, 822-832.	6.6	364
13	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.	3.3	358
14	Analysis on the current status of targeted drug delivery to tumors. Journal of Controlled Release, 2012, 164, 108-114.	4.8	343
15	Tumor-homing multifunctional nanoparticles for cancer theragnosis: Simultaneous diagnosis, drug delivery, and therapeutic monitoring. Journal of Controlled Release, 2010, 146, 219-227.	4.8	336
16	Issues in long-term protein delivery using biodegradable microparticles. Journal of Controlled Release, 2010, 146, 241-260.	4.8	326
17	Polycation gene delivery systems: escape from endosomes to cytosol. Journal of Pharmacy and Pharmacology, 2010, 55, 721-734.	1.2	319
18	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.	1.9	315

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19	Mechanisms of controlled drug release from drug-eluting stents. Advanced Drug Delivery Reviews, 2006, 58, 387-401.	6.6	313
20	Engineered polymers for advanced drug delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2009, 71, 420-430.	2.0	298
21	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.	1.6	293
22	Hydrotropic polymer micelle system for delivery of paclitaxel. Journal of Controlled Release, 2005, 101, 59-68.	4.8	266
23	Controlled Drug Delivery: Historical perspective for the next generation. Journal of Controlled Release, 2015, 219, 2-7.	4.8	263
24	Biodegradable Polymers for Microencapsulation of Drugs. Molecules, 2005, 10, 146-161.	1.7	252
25	Injectable, long-acting PLGA formulations: Analyzing PLGA and understanding microparticle formation. Journal of Controlled Release, 2019, 304, 125-134.	4.8	247
26	PLA micro- and nano-particles. Advanced Drug Delivery Reviews, 2016, 107, 176-191.	6.6	241
27	Oral protein delivery: Current status and future prospect. Reactive and Functional Polymers, 2011, 71, 280-287.	2.0	230
28	Orally Fast Disintegrating Tablets: Developments, Technologies, Taste-Masking and Clinical Studies. Critical Reviews in Therapeutic Drug Carrier Systems, 2004, 21, 433-476.	1.2	224
29	Hyaluronic acid-based nanocarriers for intracellular targeting: Interfacial interactions with proteins in cancer. Colloids and Surfaces B: Biointerfaces, 2012, 99, 82-94.	2.5	221
30	Synthesis and characterization of superporous hydrogel composites. Journal of Controlled Release, 2000, 65, 73-82.	4.8	215
31	Hydrogels for delivery of bioactive agents: A historical perspective. Advanced Drug Delivery Reviews, 2013, 65, 17-20.	6.6	211
32	Gastric retention properties of superporous hydrogel composites. Journal of Controlled Release, 2000, 64, 39-51.	4.8	208
33	Nanotechnology: What it can do for drug delivery. Journal of Controlled Release, 2007, 120, 1-3.	4.8	192
34	Hydrotropic Polymeric Micelles for Enhanced Paclitaxel Solubility:Â In Vitro and In Vivo Characterization. Biomacromolecules, 2007, 8, 202-208.	2.6	183
35	Biocompatibility issues of implantable drug delivery systems. Pharmaceutical Research, 1996, 13, 1770-1776.	1.7	171
36	Modulated insulin delivery from glucose-sensitive hydrogel dosage forms. Journal of Controlled Release, 2001, 77, 39-47.	4.8	165

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37	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.	4.8	165
38	Local Drug Delivery via a Coronary Stent With Programmable Release Pharmacokinetics. Circulation, 2003, 107, 777-784.	1.6	164
39	Small intestinal submucosa: a substrate for in vitro cell growth. Journal of Biomaterials Science, Polymer Edition, 1998, 9, 863-878.	1.9	161
40	Hydrotropic solubilization of paclitaxel: analysis of chemical structures for hydrotropic property. Pharmaceutical Research, 2003, 20, 1022-1030.	1.7	159
41	Development of an in Vitro 3D Tumor Model to Study Therapeutic Efficiency of an Anticancer Drug. Molecular Pharmaceutics, 2013, 10, 2167-2175.	2.3	157
42	Hydrotropic agents for study of in vitro paclitaxel release from polymeric micelles. Journal of Controlled Release, 2004, 97, 249-257.	4.8	155
43	Characterization of protein release through glucose-sensitive hydrogel membranes. Biomaterials, 1997, 18, 801-806.	5.7	149
44	Simulation of complex transport of nanoparticles around a tumor using tumor-microenvironment-on-chip. Journal of Controlled Release, 2014, 194, 157-167.	4.8	146
45	Swelling and mechanical properties of superporous hydrogels of poly(acrylamide-co-acrylic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.8	144
46	Microencapsulation methods for delivery of protein drugs. Biotechnology and Bioprocess Engineering, 2001, 6, 213-230.	1.4	140
47	Smart nanoparticles for drug delivery: Boundaries and opportunities. Chemical Engineering Science, 2015, 125, 158-164.	1.9	137
48	Evolution of drug delivery systems: From 1950 to 2020 and beyond. Journal of Controlled Release, 2022, 342, 53-65.	4.8	134
49	The hydrogel template method for fabrication of homogeneous nano/microparticles. Journal of Controlled Release, 2010, 141, 314-319.	4.8	128
50	pH-sensitivity of fast responsive superporous hydrogels. Journal of Biomaterials Science, Polymer Edition, 2000, 11, 1371-1380.	1.9	123
51	Hydrotropic Dendrimers of Generations 4 and 5:â€‰ Synthesis, Characterization, and Hydrotropic Solubilization of Paclitaxel. Bioconjugate Chemistry, 2004, 15, 1221-1229.	1.8	122
52	The beginning of the end of the nanomedicine hype. Journal of Controlled Release, 2019, 305, 221-222.	4.8	121
53	Hydrotropic polymer micelles containing acrylic acid moieties for oral delivery of paclitaxel. Journal of Controlled Release, 2008, 132, 222-229.	4.8	117
54	Calculation of solvation interaction energies for protein adsorption on polymer surfaces. Journal of Biomaterials Science, Polymer Edition, 1992, 3, 127-147.	1.9	112

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55	A new hydrotropic block copolymer micelle system for aqueous solubilization of paclitaxel. Journal of Controlled Release, 2008, 126, 122-129.	4.8	108
56	In vitroâ€“in vivo correlation: Perspectives on model development. International Journal of Pharmaceutics, 2011, 418, 142-148.	2.6	105
57	Neuroprotective ferulic acid (FA)â€“glycol chitosan (GC) nanoparticles for functional restoration of traumatically injured spinal cord. Biomaterials, 2014, 35, 2355-2364.	5.7	105
58	Hydrotropic Solubilization of Poorly Water-Soluble Drugs. Journal of Pharmaceutical Sciences, 2010, 99, 3953-3965.	1.6	102
59	Blood-stable, tumor-adaptable disulfide bonded mPEG-(Cys)4-PDLLA micelles for chemotherapy. Biomaterials, 2013, 34, 552-561.	5.7	102
60	Effects of the Microparticle Shape on Cellular Uptake. Molecular Pharmaceutics, 2016, 13, 2164-2171.	2.3	99
61	Elastic, Superporous Hydrogel Hybrids of Polyacrylamide and Sodium Alginate. Macromolecular Bioscience, 2006, 6, 703-710.	2.1	95
62	Development and evaluation of transferrin-stabilized paclitaxel nanocrystal formulation. Journal of Controlled Release, 2014, 176, 76-85.	4.8	94
63	Bioadhesive interaction and hypoglycemic effect of insulin-loaded lectinâ€“microparticle conjugates in oral insulin delivery system. Journal of Controlled Release, 2005, 102, 525-538.	4.8	92
64	Pulmonary Codelivery of Doxorubicin and siRNA by pHâ€Sensitive Nanoparticles for Therapy of Metastatic Lung Cancer. Small, 2015, 11, 4321-4333.	5.2	92
65	Characterization of glucose dependent gel-sol phase transition of the polymeric glucose-concanavalin A hydrogel system. Pharmaceutical Research, 1996, 13, 989-995.	1.7	91
66	Smart hydrogels for bioseparation. , 1998, 7, 177-184.		91
67	Pore structure of superporous hydrogels. Polymers for Advanced Technologies, 2000, 11, 617-625.	1.6	90
68	Hydrotropic hyaluronic acid conjugates: Synthesis, characterization, and implications as a carrier of paclitaxel. International Journal of Pharmaceutics, 2010, 394, 154-161.	2.6	88
69	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.	4.8	88
70	Hydrotropic oligomer-conjugated glycol chitosan as a carrier of paclitaxel: Synthesis, characterization, and in vivo biodistribution. Journal of Controlled Release, 2009, 140, 210-217.	4.8	87
71	A study of drug release from homogeneous PLGA microstructures. Journal of Controlled Release, 2010, 146, 201-206.	4.8	85
72	In vitro and in vivo studies of PEO-grafted blood-contacting cardiovascular prostheses. Journal of Biomaterials Science, Polymer Edition, 2000, 11, 1121-1134.	1.9	84

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73	Preparation and swelling behavior of chitosan-based superporous hydrogels for gastric retention application. Journal of Biomedical Materials Research - Part A, 2006, 76A, 144-150.	2.1	82
74	Recent developments in superporous hydrogels. Journal of Pharmacy and Pharmacology, 2010, 59, 317-327.	1.2	82
75	Advanced drug delivery 2020 and beyond: Perspectives on the future. Advanced Drug Delivery Reviews, 2020, 158, 4-16.	6.6	81
76	Self-assembled glycol chitosan nanoparticles for disease-specific theranostics. Journal of Controlled Release, 2014, 193, 202-213.	4.8	78
77	Drug Delivery Research for the Future: Expanding the Nano Horizons and Beyond. Journal of Controlled Release, 2017, 246, 183-184.	4.8	75
78	Synergistic anti-tumor activity through combinational intratumoral injection of an in-situ injectable drug depot. Biomaterials, 2016, 85, 232-245.	5.7	72
79	Grafting of PEO to glass, nitinol, and pyrolytic carbon surfaces by ? irradiation. , 1997, 38, 289-302.		70
80	Synthesis and characterization of sol-gel phase-reversible hydrogels sensitive to glucose. , 1996, 9, 549-557.		69
81	A new process for making reservoir-type microcapsules using ink-jet technology and interfacial phase separation. Journal of Controlled Release, 2003, 93, 161-173.	4.8	69
82	BSA-FITC-loaded microcapsules for in vivo delivery. Biomaterials, 2009, 30, 902-909.	5.7	69
83	Study on the prevention of surface-induced platelet activation by albumin coating. Journal of Biomaterials Science, Polymer Edition, 1992, 3, 375-388.	1.9	68
84	Avasimibe Encapsulated in Human Serum Albumin Blocks Cholesterol Esterification for Selective Cancer Treatment. ACS Nano, 2015, 9, 2420-2432.	7.3	68
85	In Situ Visualization of Paclitaxel Distribution and Release by Coherent Anti-Stokes Raman Scattering Microscopy. Analytical Chemistry, 2006, 78, 8036-8043.	3.2	67
86	Drug delivery applications for superporous hydrogels. Expert Opinion on Drug Delivery, 2012, 9, 71-89.	2.4	66
87	Superporous IPN hydrogels having enhanced mechanical properties. AAPS PharmSciTech, 2003, 4, 406-412.	1.5	65
88	A new microencapsulation method using an ultrasonic atomizer based on interfacial solvent exchange. Journal of Controlled Release, 2004, 100, 379-388.	4.8	65
89	Combinatorial nanodiamond in pharmaceutical and biomedical applications. International Journal of Pharmaceutics, 2016, 514, 41-51.	2.6	65
90	Chemical gas-generating nanoparticles for tumor-targeted ultrasound imaging and ultrasound-triggered drug delivery. Biomaterials, 2016, 108, 57-70.	5.7	64

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91	Drug delivery of the future: Chasing the invisible gorilla. Journal of Controlled Release, 2016, 240, 2-8.	4.8	62
92	To PEGylate or not to PEGylate, that is not the question. Journal of Controlled Release, 2010, 142, 147-148.	4.8	60
93	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.	4.8	59
94	Formulation composition, manufacturing process, and characterization of poly(lactide-co-glycolide) microparticles. Journal of Controlled Release, 2021, 329, 1150-1161.	4.8	55
95	Hydrotropic polymer micelles as versatile vehicles for delivery of poorly water-soluble drugs. Journal of Controlled Release, 2011, 152, 13-20.	4.8	54
96	Differential response to doxorubicin in breast cancer subtypes simulated by a microfluidic tumor model. Journal of Controlled Release, 2017, 266, 129-139.	4.8	54
97	Hydrogels in Bioapplications. ACS Symposium Series, 1996, , 2-10.	0.5	51
98	Temperature-Responsive Water-Soluble Copolymers Based on 2-Hydroxyethyl Acrylate and Butyl Acrylate. Macromolecular Chemistry and Physics, 2007, 208, 979-987.	1.1	50
99	Development of sustained release fast-disintegrating tablets using various polymer-coated ion-exchange resin complexes. International Journal of Pharmaceutics, 2008, 353, 195-204.	2.6	50
100	In vivo NIRF and MR dual-modality imaging using glycol chitosan nanoparticles. Journal of Controlled Release, 2012, 163, 249-255.	4.8	49
101	Questions on the role of the EPR effect in tumor targeting. Journal of Controlled Release, 2013, 172, 391.	4.8	49
102	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.	1.9	48
103	Microparticles produced by the hydrogel template method for sustained drug delivery. International Journal of Pharmaceutics, 2014, 461, 258-269.	2.6	48
104	A protocol for assay of poly(lactide- co -glycolide) in clinical products. International Journal of Pharmaceutics, 2015, 495, 87-92.	2.6	48
105	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.	4.8	48
106	FRET Imaging Reveals Different Cellular Entry Routes of Self-Assembled and Disulfide Bonded Polymeric Micelles. Molecular Pharmaceutics, 2013, 10, 3497-3506.	2.3	47
107	Hydrogels for sustained delivery of biologics to the back of the eye. Drug Discovery Today, 2019, 24, 1470-1482.	3.2	47
108	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.	3.3	46

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109	Biochemical and mechanical characterization of enzyme-digestible hydrogels. Pharmaceutical Research, 1990, 07, 816-823.	1.7	44
110	Albumin: A versatile carrier for drug delivery. Journal of Controlled Release, 2012, 157, 3.	4.8	44
111	Potential Roles of the Glass Transition Temperature of PLGA Microparticles in Drug Release Kinetics. Molecular Pharmaceutics, 2021, 18, 18-32.	2.3	44
112	Swelling and Mechanical Properties of Modified HEMA-based Superporous Hydrogels. Journal of Bioactive and Compatible Polymers, 2010, 25, 483-497.	0.8	43
113	Solvent Exchange Method: A Novel Microencapsulation Technique Using Dual Microdispensers. Pharmaceutical Research, 2004, 21, 1419-1427.	1.7	42
114	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.	1.2	42
115	In vitro and in vivo studies of enzyme-digestible hydrogels for oral drug delivery. Journal of Controlled Release, 1992, 19, 131-144.	4.8	41
116	Recapitulation of complex transport and action of drugs at the tumor microenvironment using tumor-microenvironment-on-chip. Cancer Letters, 2016, 380, 319-329.	3.2	41
117	Impact of surfactant treatment of paclitaxel nanocrystals on biodistribution and tumor accumulation in tumor-bearing mice. Journal of Controlled Release, 2016, 237, 168-176.	4.8	40
118	Complex sameness: Separation of mixed poly(lactide-co-glycolide)s based on the lactide:glycolide ratio. Journal of Controlled Release, 2019, 300, 174-184.	4.8	40
119	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.	1.6	39
120	Insulin-Loaded Microcapsules for In Vivo Delivery. Molecular Pharmaceutics, 2009, 6, 353-365.	2.3	38
121	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.	1.1	37
122	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.	1.3	37
123	Complement activation by PEO-grafted glass surfaces. Journal of Biomedical Materials Research Part B, 1999, 48, 640-647.	3.0	35
124	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.	3.0	34
125	Protein adsorption on polymer surfaces: calculation of adsorption energies. Journal of Biomaterials Science, Polymer Edition, 1989, 1, 243-260.	1.9	33
126	Fast-melting tablets based on highly plastic granules. Journal of Controlled Release, 2005, 109, 203-210.	4.8	33

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127	Synergic Effects of Polymeric Additives on Dissolution and Crystallization of Acetaminophen. Pharmaceutical Research, 2008, 25, 349-358.	1.7	33
128	Hydrotropic magnetic micelles for combined magnetic resonance imaging and cancer therapy. Journal of Controlled Release, 2012, 160, 692-698.	4.8	33
129	Characterization of branched poly(lactide-co-glycolide) polymers used in injectable, long-acting formulations. Journal of Controlled Release, 2019, 304, 75-89.	4.8	33
130	Glucose-binding property of pegylated concanavalin A. , 2001, 18, 794-799.		32
131	Foreign Body Response to Intracortical Microelectrodes Is Not Altered with Dip-Coating of Polyethylene Glycol (PEG). Frontiers in Neuroscience, 2017, 11, 513.	1.4	32
132	Study on the Interactions Between Polyvinylpyrrolidone (PVP) and Acetaminophen Crystals: Partial Dissolution Pattern Change. Journal of Pharmaceutical Sciences, 2005, 94, 2166-2174.	1.6	31
133	Material properties for making fast dissolving tablets by a compression method. Journal of Materials Chemistry, 2008, 18, 3527.	6.7	31
134	Silymarin-Loaded Nanoparticles Based on Stearic Acid-Modified Bletilla striata Polysaccharide for Hepatic Targeting. Molecules, 2016, 21, 265.	1.7	31
135	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.	2.6	31
136	Fractal analysis of pharmaceutical particles by atomic force microscopy. Pharmaceutical Research, 1998, 15, 1222-1232.	1.7	30
137	Introduction to Hydrogels. , 2010, , 1-16.		30
138	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.	2.8	29
139	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.	2.5	29
140	Synthesis and characterization of biodegradable elastic hydrogels based on poly(ethylene glycol) and poly(Îµ-caprolactone) blocks. Macromolecular Research, 2007, 15, 363-369.	1.0	28
141	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.	3.0	28
142	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.	2.4	27
143	Controlled drug delivery systems: the next 30 years. Frontiers of Chemical Science and Engineering, 2014, 8, 276-279.	2.3	27
144	Protein interaction with surfaces: Separation distanceâ€dependent interaction energies. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1994, 12, 2949-2955.	0.9	26

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145	Hydrotropic Polymers:Â Synthesis and Characterization of Polymers Containing Picolylnicotinamide Moieties. Macromolecules, 2003, 36, 2248-2255.	2.2	26
146	Drug Delivery Research: The Invention Cycle. Molecular Pharmaceutics, 2016, 13, 2143-2147.	2.3	26
147	Continuous in-line homogenization process for scale-up production of naltrexone-loaded PLGA microparticles. Journal of Controlled Release, 2020, 325, 347-358.	4.8	26
148	Enhanced Swelling Rate of Poly(ethylene glycol)-Grafted Superporous Hydrogels. Journal of Bioactive and Compatible Polymers, 2005, 20, 231-243.	0.8	25
149	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.	2.6	25
150	Experimental Design for the Synthesis of Polyacrylamide Superporous Hydrogels. Journal of Bioactive and Compatible Polymers, 2002, 17, 433-450.	0.8	24
151	Dissolution Study on Aspirin and Î±-Glycine Crystals. Journal of Physical Chemistry B, 2004, 108, 11219-11227.	1.2	24
152	Reshapable polymeric hydrogel for controlled soft-tissue expansion: In vitro and in vivo evaluation. Journal of Controlled Release, 2017, 262, 201-211.	4.8	24
153	Control of the Swelling Rate of Superporous Hydrogels. Journal of Bioactive and Compatible Polymers, 2001, 16, 47-57.	0.8	23
154	Self-aggregates of hydrophobically modified poly(2-hydroxyethyl aspartamide) in aqueous solution. Colloid and Polymer Science, 2003, 281, 852-861.	1.0	23
155	Interpolymer complexes of poly(acrylic acid) with poly(2-hydroxyethyl acrylate) in aqueous solutions. Colloid and Polymer Science, 2004, 283, 174-181.	1.0	23
156	Reservoir-Type Microcapsules Prepared by the Solvent Exchange Method:â€‰ Effect of Formulation Parameters on Microencapsulation of Lysozyme. Molecular Pharmaceutics, 2006, 3, 135-143.	2.3	23
157	Trojan monocytes for improved drug delivery to the brain. Journal of Controlled Release, 2008, 132, 75.	4.8	23
158	Glucose binding to molecularly imprinted polymers. Journal of Biomaterials Science, Polymer Edition, 2002, 13, 637-649.	1.9	22
159	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.	1.9	22
160	Oral immunization of rabbits against Pasteurella multocida with an alginate microsphere delivery system. Journal of Biomaterials Science, Polymer Edition, 1997, 8, 131-139.	1.9	21
161	Comparative stereochemical analysis of glucose-binding proteins for rational design of glucose-specific agents. Journal of Biomaterials Science, Polymer Edition, 1998, 9, 327-344.	1.9	21
162	Characterization of reservoir-type microcapsules made by the solvent exchange method. AAPS PharmSciTech, 2004, 5, 10-17.	1.5	21

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163	FrostaÂ®: a new technology for making fast-melting tablets. Expert Opinion on Drug Delivery, 2005, 2, 1107-1116.	2.4	21
164	Hydrogels. , 2012, , 75-105.		21
165	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.	2.0	21
166	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
167	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.	2.1	19
168	The role of major vault protein (MVP) in drug resistance. Journal of Controlled Release, 2012, 163, 266.	4.8	18
169	Injectable in situ-forming hydrogels for a suppression of drug burst from drug-loaded microcapsules. Soft Matter, 2012, 8, 7638.	1.2	18
170	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.	2.6	17
171	Prevention of Opioid Abuse and Treatment of Opioid Addiction: Current Status and Future Possibilities. Annual Review of Biomedical Engineering, 2019, 21, 61-84.	5.7	17
172	Gastric Retention of Enzyme-Digestible Hydrogels in the Canine Stomach under Fasted and Fed Conditions. ACS Symposium Series, 1991, , 237-248.	0.5	16
173	SUPERPOROUS HYDROGELS: FAST RESPONSIVE HYDROGEL SYSTEMS. Journal of Macromolecular Science - Pure and Applied Chemistry, 1999, 36, 917-930.	1.2	16
174	Drug release mechanisms from amorphous solid dispersions. Journal of Controlled Release, 2015, 211, 171.	4.8	16
175	3D printing of 5-drug polypill. Journal of Controlled Release, 2015, 217, 352.	4.8	16
176	Sophoridine-loaded PLGA microspheres for lung targeting: preparation, in vitro, and in vivo evaluation. Drug Delivery, 2016, 23, 3674-3680.	2.5	16
177	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.	4.8	16
178	Analysis of the Prevention of Protein Adsorption by Steric Repulsion Theory. ACS Symposium Series, 1995, , 395-404.	0.5	15
179	Transport across the blood-brain barrier using albumin nanoparticles. Journal of Controlled Release, 2009, 137, 1.	4.8	15
180	Drug-Eluting Stent for Delivery of Signal Pathway-Specific 1,3-Dipropyl-8-cyclopentyl Xanthine. Molecular Pharmaceutics, 2009, 6, 1110-1117.	2.3	15

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181	Prevention of nanoparticle aggregation during freeze-drying. Journal of Controlled Release, 2017, 248, 153.	4.8	15
182	Interfacial tension effects on the properties of PLGA microparticles. Colloids and Surfaces B: Biointerfaces, 2020, 196, 111300.	2.5	15
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