

Ick-Chan Kwon

List of Publications by Year in descending order

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Version: 2024-02-01

430
papers

36,591
citations

1704

104
h-index

4645

170
g-index

452
all docs

452
docs citations

452
times ranked

33551
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultraefficient extracellular vesicleâ€“guided direct reprogramming of fibroblasts into functional cardiomyocytes. <i>Science Advances</i> , 2022, 8, eabj6621.	10.3	16
2	PDL1-binding peptide/anti-miRNA21 conjugate as a therapeutic modality for PD-L1high tumors and TAMs. <i>Journal of Controlled Release</i> , 2022, 345, 62-74.	9.9	6
3	In vivo tracking of bioorthogonally labeled T-cells for predicting therapeutic efficacy of adoptive T-cell therapy. <i>Journal of Controlled Release</i> , 2021, 329, 223-236.	9.9	15
4	Shortâ€“Term Cessation of Dabigatran Causes a Paradoxical Prothrombotic State. <i>Annals of Neurology</i> , 2021, 89, 444-458.	5.3	6
5	Intracellular Uptake Mechanism of Bioorthogonally Conjugated Nanoparticles on Metabolically Engineered Mesenchymal Stem Cells. <i>Bioconjugate Chemistry</i> , 2021, 32, 199-214.	3.6	8
6	Bioorthogonally surfaceâ€“edited extracellular vesicles based on metabolic glycoengineering for CD44â€“mediated targeting of inflammatory diseases. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12077.	12.2	30
7	A Trojan-Horse Strategy by <i>In Situ</i> Piggybacking onto Endogenous Albumin for Tumor-Specific Neutralization of Oncogenic MicroRNA. <i>ACS Nano</i> , 2021, 15, 11369-11384.	14.6	15
8	Multi-targeting siRNA nanoparticles for simultaneous inhibition of PI3K and Rac1 in PTEN-deficient prostate cancer. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 99, 196-203.	5.8	5
9	Non-invasive in vivo imaging of caspase-1 activation enables rapid and spatiotemporal detection of acute and chronic inflammatory disorders. <i>Biomaterials</i> , 2020, 226, 119543.	11.4	20
10	Targeted delivery of anti-inflammatory cytokine by nanocarrier reduces atherosclerosis in Apo Eâˆ“/- mice. <i>Biomaterials</i> , 2020, 226, 119550.	11.4	79
11	Combination of KRAS gene silencing and PI3K inhibition for ovarian cancer treatment. <i>Journal of Controlled Release</i> , 2020, 318, 98-108.	9.9	27
12	Tumorâ€“Targeting Glycol Chitosan Nanoparticles for Cancer Heterogeneity. <i>Advanced Materials</i> , 2020, 32, e2002197.	21.0	78
13	Epidermal growth factor (EGF)-based activatable probe for predicting therapeutic outcome of an EGF-based doxorubicin prodrug. <i>Journal of Controlled Release</i> , 2020, 328, 222-236.	9.9	11
14	Doxorubicin-Loaded PLGA Nanoparticles for Cancer Therapy: Molecular Weight Effect of PLGA in Doxorubicin Release for Controlling Immunogenic Cell Death. <i>Pharmaceutics</i> , 2020, 12, 1165.	4.5	37
15	Deep Tumor Penetration of Doxorubicin-Loaded Glycol Chitosan Nanoparticles Using High-Intensity Focused Ultrasound. <i>Pharmaceutics</i> , 2020, 12, 974.	4.5	15
16	Development of microRNA-21 mimic nanocarriers for the treatment of cutaneous wounds. <i>Theranostics</i> , 2020, 10, 3240-3253.	10.0	32
17	Effects of exercise training and detraining on atheromatous matrix metalloproteinase activity in mice. <i>Atherosclerosis</i> , 2020, 299, 15-23.	0.8	3
18	Xenogenization of tumor cells by fusogenic exosomes in tumor microenvironment ignites and propagates antitumor immunity. <i>Science Advances</i> , 2020, 6, .	10.3	36

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19	Versatile activatable vSIRPÎ±-probe for cancer-targeted imaging and macrophage-mediated phagocytosis of cancer cells. <i>Journal of Controlled Release</i> , 2020, 323, 376-386.	9.9	16
20	Dually Stabilized Triblock Copolymer Micelles with Hydrophilic Shell and Hydrophobic Interlayer for Systemic Antisense Oligonucleotide Delivery to Solid Tumor. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 5770-5780.	5.2	21
21	Tumor-targeting glycol chitosan nanocarriers: overcoming the challenges posed by chemotherapeutics. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 835-846.	5.0	6
22	Exosomeâ€Guided Phenotypic Switch of M1 to M2 Macrophages for Cutaneous Wound Healing. <i>Advanced Science</i> , 2019, 6, 1900513.	11.2	276
23	Visible light-induced apoptosis activatable nanoparticles of photosensitizer-DEVD-anticancer drug conjugate for targeted cancer therapy. <i>Biomaterials</i> , 2019, 224, 119494.	11.4	48
24	Theranostic designs of biomaterials for precision medicine in cancer therapy. <i>Biomaterials</i> , 2019, 213, 119207.	11.4	73
25	Immunomodulatory nanodiamond aggregate-based platform for the treatment of rheumatoid arthritis. <i>International Journal of Energy Production and Management</i> , 2019, 6, 163-174.	3.7	23
26	Activatable NIRF/MRI dual imaging probe using bio-inspired coating of glycol chitosan on superparamagnetic iron oxide nanoparticles. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 76, 403-409.	5.8	9
27	Advances in the strategies for designing receptor-targeted molecular imaging probes for cancer research. <i>Journal of Controlled Release</i> , 2019, 305, 1-17.	9.9	29
28	Rational Design of Inflammation-Responsive Inflatable Nanogels for Ultrasound Molecular Imaging. <i>Chemistry of Materials</i> , 2019, 31, 2905-2912.	6.7	17
29	Enhancing Systemic Delivery of Enzymatically Generated RNAi Nanocomplexes for Cancer Therapy. <i>Advanced Therapeutics</i> , 2019, 2, 1900014.	3.2	1
30	Cumulative directional calcium gluing between phosphate and silicate: A facile, robust and biocompatible strategy for siRNA delivery by amine-free non-positive vector. <i>Biomaterials</i> , 2019, 209, 126-137.	11.4	19
31	Self-Assembly of siRNA/PEG- <i>b</i> -Catiomer at Integer Molar Ratio into 100 nm-Sized Vesicular Polyion Complexes (siRNAsomes) for RNAi and Codelivery of Cargo Macromolecules. <i>Journal of the American Chemical Society</i> , 2019, 141, 3699-3709.	13.7	54
32	Alliance with EPR Effect: Combined Strategies to Improve the EPR Effect in the Tumor Microenvironment. <i>Theranostics</i> , 2019, 9, 8073-8090.	10.0	226
33	Carrier-free nanoparticles of cathepsin B-cleavable peptide-conjugated doxorubicin prodrug for cancer targeting therapy. <i>Journal of Controlled Release</i> , 2019, 294, 376-389.	9.9	113
34	PEGâ€PLA-Coated and Uncoated Radio-Luminescent CaWO ₄ Micro- and Nanoparticles for Concomitant Radiation and UV-A/Radio-Enhancement Cancer Treatments. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 1445-1462.	5.2	18
35	Streptavidin-mirror DNA tetrahedron hybrid as a platform for intracellular and tumor delivery of enzymes. <i>Journal of Controlled Release</i> , 2018, 280, 1-10.	9.9	31
36	Engineering nanoparticle strategies for effective cancer immunotherapy. <i>Biomaterials</i> , 2018, 178, 597-607.	11.4	117

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37	Thrombin-activatable fluorescent peptide incorporated gold nanoparticles for dual optical/computed tomography thrombus imaging. <i>Biomaterials</i> , 2018, 150, 125-136.	11.4	79
38	Comparison of in vivo targeting ability between cRGD and collagen-targeting peptide conjugated nano-carriers for atherosclerosis. <i>Journal of Controlled Release</i> , 2018, 269, 337-346.	9.9	58
39	Development of Biocompatible HA Hydrogels Embedded with a New Synthetic Peptide Promoting Cellular Migration for Advanced Wound Care Management. <i>Advanced Science</i> , 2018, 5, 1800852.	11.2	69
40	Chemiluminescence imaging of Duox2-derived hydrogen peroxide for longitudinal visualization of biological response to viral infection in nasal mucosa. <i>Theranostics</i> , 2018, 8, 1798-1807.	10.0	17
41	Tuned Density of Anti-Tissue Factor Antibody Fragment onto siRNA-Loaded Polyion Complex Micelles for Optimizing Targetability into Pancreatic Cancer Cells. <i>Biomacromolecules</i> , 2018, 19, 2320-2329.	5.4	34
42	Combined Rho-kinase inhibition and immunogenic cell death triggers and propagates immunity against cancer. <i>Nature Communications</i> , 2018, 9, 2165.	12.8	80
43	Drug Delivery Research for the Future: Expanding the Nano Horizons and Beyond. <i>Journal of Controlled Release</i> , 2017, 246, 183-184.	9.9	75
44	MicroRNA-mediated non-viral direct conversion of embryonic fibroblasts to cardiomyocytes: comparison of commercial and synthetic non-viral vectors. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017, 28, 1070-1085.	3.5	8
45	Polysaccharide-based Nanoparticles for Gene Delivery. <i>Topics in Current Chemistry</i> , 2017, 375, 31.	5.8	49
46	Extracellular matrix remodeling in vivo for enhancing tumor-targeting efficiency of nanoparticle drug carriers using the pulsed high intensity focused ultrasound. <i>Journal of Controlled Release</i> , 2017, 263, 68-78.	9.9	104
47	Artificial Chemical Reporter Targeting Strategy Using Bioorthogonal Click Reaction for Improving Active-Targeting Efficiency of Tumor. <i>Molecular Pharmaceutics</i> , 2017, 14, 1558-1570.	4.6	42
48	Quantitative Imaging of Cerebral Thromboemboli In Vivo. <i>Stroke</i> , 2017, 48, 1376-1385.	2.0	15
49	Assembly of polymer micelles through the sol-gel transition for effective cancer therapy. <i>Journal of Controlled Release</i> , 2017, 255, 258-269.	9.9	20
50	InÂvivo stem cell tracking with imageable nanoparticles that bind bioorthogonal chemical receptors on the stem cell surface. <i>Biomaterials</i> , 2017, 139, 12-29.	11.4	62
51	Rolling circle transcription-based polymeric siRNA nanoparticles for tumor-targeted delivery. <i>Journal of Controlled Release</i> , 2017, 263, 29-38.	9.9	49
52	Dextran sulfate nanoparticles as a theranostic nanomedicine for rheumatoid arthritis. <i>Biomaterials</i> , 2017, 131, 15-26.	11.4	128
53	Molecular imaging based on metabolic glycoengineering and bioorthogonal click chemistry. <i>Biomaterials</i> , 2017, 132, 28-36.	11.4	75
54	Differential response to doxorubicin in breast cancer subtypes simulated by a microfluidic tumor model. <i>Journal of Controlled Release</i> , 2017, 266, 129-139.	9.9	54

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55	Programmed Cell Death Protein Ligand-1 Silencing with Polyethylenimine-Dermatan Sulfate Complex for Dual Inhibition of Melanoma Growth. <i>ACS Nano</i> , 2017, 11, 10135-10146.	14.6	84
56	Nano-sized metabolic precursors for heterogeneous tumor-targeting strategy using bioorthogonal click chemistry in vivo. <i>Biomaterials</i> , 2017, 148, 1-15.	11.4	51
57	Effects of tumor microenvironments on targeted delivery of glycol chitosan nanoparticles. <i>Journal of Controlled Release</i> , 2017, 267, 223-231.	9.9	60
58	Synergistic antitumor effects of combination treatment with metronomic doxorubicin and VEGF-targeting RNAi nanoparticles. <i>Journal of Controlled Release</i> , 2017, 267, 203-213.	9.9	35
59	Caspase-3/-7-Specific Metabolic Precursor for Bioorthogonal Tracking of Tumor Apoptosis. <i>Scientific Reports</i> , 2017, 7, 16635.	3.3	44
60	Harnessing designed nanoparticles: Current strategies and future perspectives in cancer immunotherapy. <i>Nano Today</i> , 2017, 17, 23-37.	11.9	69
61	Inorganic Nanoparticles for Image-Guided Therapy. <i>Bioconjugate Chemistry</i> , 2017, 28, 124-134.	3.6	77
62	Cytokine Response to Diet and Exercise Affects Atheromatous Matrix Metalloproteinase-2/9 Activity in Mice. <i>Circulation Journal</i> , 2017, 81, 1528-1536.	1.6	7
63	Engineered Zn(II)-Dipicolylamine-Gold Nanorod Provides Effective Prostate Cancer Treatment by Combining siRNA Delivery and Photothermal Therapy. <i>Theranostics</i> , 2017, 7, 4240-4254.	10.0	39
64	Dexamethasone-loaded Polymeric Nanoconstructs for Monitoring and Treating Inflammatory Bowel Disease. <i>Theranostics</i> , 2017, 7, 3653-3666.	10.0	47
65	Deep tissue penetration of nanoparticles using pulsed-high intensity focused ultrasound. <i>Nano Convergence</i> , 2017, 4, 30.	12.1	18
66	Antitumor therapeutic application of self-assembled RNAi-AuNP nanoconstructs: Combination of VEGF-RNAi and photothermal ablation. <i>Theranostics</i> , 2017, 7, 9-22.	10.0	31
67	Polyethylenimine-Dermatan Sulfate Complex, a Bioactive Biomaterial with Unique Toxicity to CD146-Positive Cancer Cells. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 990-999.	5.2	6
68	Multicomponent, peptide-targeted glycol chitosan nanoparticles containing ferrimagnetic iron oxide nanocubes for bladder cancer multimodal imaging. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 4141-4155.	6.7	46
69	Improvement of Antitumor Efficacy by Combination of Thermosensitive Liposome with High-Intensity Focused Ultrasound. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 1724-1733.	1.1	9
70	Targeted Nanotheranostics for Future Personalized Medicine: Recent Progress in Cancer Therapy. <i>Theranostics</i> , 2016, 6, 1362-1377.	10.0	170
71	Optical Imaging and Gene Therapy with Neuroblastoma-Targeting Polymeric Nanoparticles for Potential Theranostic Applications. <i>Small</i> , 2016, 12, 1201-1211.	10.0	30
72	Theranostics: Optical Imaging and Gene Therapy with Neuroblastoma-Targeting Polymeric Nanoparticles for Potential Theranostic Applications (<i>Small</i> 9/2016). <i>Small</i> , 2016, 12, 1110-1110.	10.0	2

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73	Nanoprobes for optical bioimaging. Optical Materials Express, 2016, 6, 1262.	3.0	13
74	T1-Weighted MR imaging of liver tumor by gadolinium-encapsulated glycol chitosan nanoparticles without non-specific toxicity in normal tissues. Nanoscale, 2016, 8, 9736-9745.	5.6	23
75	Size-engineered biocompatible polymeric nanophotosensitizer for locoregional photodynamic therapy of cancer. Colloids and Surfaces B: Biointerfaces, 2016, 144, 303-310.	5.0	11
76	In vivo monitoring of angiogenesis in a mouse hindlimb ischemia model using fluorescent peptide-based probes. Amino Acids, 2016, 48, 1641-1654.	2.7	3
77	Chemical gas-generating nanoparticles for tumor-targeted ultrasound imaging and ultrasound-triggered drug delivery. Biomaterials, 2016, 108, 57-70.	11.4	64
78	Precise Targeting of Liver Tumor Using Glycol Chitosan Nanoparticles: Mechanisms, Key Factors, and Their Implications. Molecular Pharmaceutics, 2016, 13, 3700-3711.	4.6	30
79	Reducible Polyethylenimine Nanoparticles for Efficient siRNA Delivery in Corneal Neovascularization Therapy. Macromolecular Bioscience, 2016, 16, 1583-1597.	4.1	17
80	The multilayer nanoparticles for deep penetration of docetaxel into tumor parenchyma to overcome tumor microenvironment. Colloids and Surfaces B: Biointerfaces, 2016, 146, 833-840.	5.0	9
81	Advances and hurdles to clinical translation of RNAi therapeutics. Advanced Drug Delivery Reviews, 2016, 104, 1.	13.7	6
82	Long-Circulating Au-TiO ₂ Nanocomposite as a Sonosensitizer for ROS-Mediated Eradication of Cancer. Nano Letters, 2016, 16, 6257-6264.	9.1	328
83	Predicting the in vivo accumulation of nanoparticles in tumor based on in vitro macrophage uptake and circulation in zebrafish. Journal of Controlled Release, 2016, 244, 205-213.	9.9	26
84	Engineered Human Ferritin Nanoparticles for Direct Delivery of Tumor Antigens to Lymph Node and Cancer Immunotherapy. Scientific Reports, 2016, 6, 35182.	3.3	60
85	Cathepsin B-specific Metabolic Precursor for In Vivo Tumor-specific Fluorescence Imaging. Angewandte Chemie, 2016, 128, 14918-14923.	2.0	13
86	Simultaneous regulation of apoptotic gene silencing and angiogenic gene expression for myocardial infarction therapy: Single-carrier delivery of SHP-1 siRNA and VEGF-expressing pDNA. Journal of Controlled Release, 2016, 243, 182-194.	9.9	21
87	ROS-generating TiO ₂ nanoparticles for non-invasive sonodynamic therapy of cancer. Scientific Reports, 2016, 6, 23200.	3.3	251
88	Cathepsin B-specific Metabolic Precursor for In Vivo Tumor-specific Fluorescence Imaging. Angewandte Chemie - International Edition, 2016, 55, 14698-14703.	13.8	81
89	Combined Near-infrared Fluorescent Imaging and Micro-computed Tomography for Directly Visualizing Cerebral Thromboemboli. Journal of Visualized Experiments, 2016, , .	0.3	4
90	Delivery strategies and potential targets for siRNA in major cancer types. Advanced Drug Delivery Reviews, 2016, 104, 2-15.	13.7	100

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91	Doxorubicin/heparin composite nanoparticles for caspase-activated prodrug chemotherapy. <i>Biomaterials</i> , 2016, 101, 131-142.	11.4	39
92	Chemotherapeutic copolymers prepared via the RAFT polymerization of prodrug monomers. <i>Polymer Chemistry</i> , 2016, 7, 4494-4505.	3.9	19
93	Development of highly efficient nanocarrier-mediated delivery approaches for cancer therapy. <i>Cancer Letters</i> , 2016, 374, 31-43.	7.2	60
94	Doxorubicin/gold-loaded core/shell nanoparticles for combination therapy to treat cancer through the enhanced tumor targeting. <i>Journal of Controlled Release</i> , 2016, 228, 141-149.	9.9	46
95	Bioorthogonal Copper Free Click Chemistry for Labeling and Tracking of Chondrocytes <i>in Vivo</i> . <i>Bioconjugate Chemistry</i> , 2016, 27, 927-936.	3.6	53
96	Photosensitizer-loaded bubble-generating mineralized nanoparticles for ultrasound imaging and photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2016, 4, 1219-1227.	5.8	44
97	Theranostic gas-generating nanoparticles for targeted ultrasound imaging and treatment of neuroblastoma. <i>Journal of Controlled Release</i> , 2016, 223, 197-206.	9.9	76
98	Enhanced Cytoplasmic Delivery of RAGE siRNA Using Bioreducible Polyethylenimine-based Nanocarriers for Myocardial Gene Therapy. <i>Macromolecular Bioscience</i> , 2015, 15, 1755-1763.	4.1	8
99	Direct Imaging of Cerebral Thromboemboli Using Computed Tomography and Fibrin-targeted Gold Nanoparticles. <i>Theranostics</i> , 2015, 5, 1098-1114.	10.0	101
100	Echogenic Glycol Chitosan Nanoparticles for Ultrasound-Triggered Cancer Theranostics. <i>Theranostics</i> , 2015, 5, 1402-1418.	10.0	68
101	pH-Controlled Gas-Generating Mineralized Nanoparticles: A Theranostic Agent for Ultrasound Imaging and Therapy of Cancers. <i>ACS Nano</i> , 2015, 9, 134-145.	14.6	231
102	Engineered Proteinticles for Targeted Delivery of siRNA to Cancer Cells. <i>Advanced Functional Materials</i> , 2015, 25, 1279-1286.	14.9	55
103	Design of a platform technology for systemic delivery of siRNA to tumours using rolling circle transcription. <i>Nature Communications</i> , 2015, 6, 7930.	12.8	85
104	Direct Observation of Interactions of Silk-Elastinlike Protein Polymer with Adenoviruses and Elastase. <i>Molecular Pharmaceutics</i> , 2015, 12, 1673-1679.	4.6	5
105	Directed molecular assembly into a biocompatible photosensitizing nanocomplex for locoregional photodynamic therapy. <i>Journal of Controlled Release</i> , 2015, 209, 12-19.	9.9	24
106	Co-delivery of chemosensitizing siRNA and an anticancer agent via multiple monocomplexation-induced hydrophobic association. <i>Journal of Controlled Release</i> , 2015, 210, 105-114.	9.9	27
107	Hyaluronic acid nanoparticles for active targeting atherosclerosis. <i>Biomaterials</i> , 2015, 53, 341-348.	11.4	116
108	Co-delivery of VEGF and Bcl-2 dual-targeted siRNA polymer using a single nanoparticle for synergistic anti-cancer effects in vivo. <i>Journal of Controlled Release</i> , 2015, 220, 631-641.	9.9	76

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109	Biolighted Nanotorch Capable of Systemic Self-Delivery and Diagnostic Imaging. ACS Nano, 2015, 9, 9906-9911.	14.6	36
110	Notch1 targeting siRNA delivery nanoparticles for rheumatoid arthritis therapy. Journal of Controlled Release, 2015, 216, 140-148.	9.9	88
111	Induced Phenotype Targeted Therapy: Radiation-Induced Apoptosis-Targeted Chemotherapy. Journal of the National Cancer Institute, 2015, 107, .	6.3	55
112	A polymeric conjugate foreignizing tumor cells for targeted immunotherapy in vivo. Journal of Controlled Release, 2015, 199, 98-105.	9.9	29
113	Cancer-targeted MDR-1 siRNA delivery using self-cross-linked glycol chitosan nanoparticles to overcome drug resistance. Journal of Controlled Release, 2015, 198, 1-9.	9.9	117
114	Amphiphilized poly(ethyleneimine) nanoparticles: a versatile multi-cargo carrier with enhanced tumor-homing efficiency and biocompatibility. Journal of Materials Chemistry B, 2015, 3, 198-206.	5.8	6
115	Design of a Multicomponent Peptide-Woven Nanocomplex for Delivery of siRNA. PLoS ONE, 2015, 10, e0118310.	2.5	7
116	Molecular Imaging and Targeted Drug Delivery Using Albumin-Based Nanoparticles. Current Pharmaceutical Design, 2015, 21, 1889-1898.	1.9	17
117	Accurate sequential detection of primary tumor and metastatic lymphatics using a temperature-induced phase transition nanoparticulate system. International Journal of Nanomedicine, 2014, 9, 2955.	6.7	5
118	Cell Labeling and Tracking Method without Distorted Signals by Phagocytosis of Macrophages. Theranostics, 2014, 4, 420-431.	10.0	57
119	Tumor-targeting glycol chitosan nanoparticles as a platform delivery carrier in cancer diagnosis and therapy. Nanomedicine, 2014, 9, 1697-1713.	3.3	47
120	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
121	Molecular imaging in the aid of drug delivery technology. Macromolecular Research, 2014, 22, 926-931.	2.4	4
122	Theranostic applications of organic nanoparticles for cancer treatment. MRS Bulletin, 2014, 39, 239-249.	3.5	18
123	Hyaluronic Acid-siRNA Conjugate/Reducible Polyethylenimine Complexes for Targeted siRNA Delivery. Journal of Nanoscience and Nanotechnology, 2014, 14, 7388-7394.	0.9	22
124	Molecular imaging for In vivo tracking of stem cell fate. Macromolecular Research, 2014, 22, 1141-1151.	2.4	2
125	Sustained local delivery of oncolytic short hairpin RNA adenoviruses for treatment of head and neck cancer. Journal of Gene Medicine, 2014, 16, 143-152.	2.8	13
126	Non-invasive optical imaging of cathepsin B with activatable fluorogenic nanoprobe in various metastatic models. Biomaterials, 2014, 35, 2302-2311.	11.4	49

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127	Biocompatible Glycol Chitosan-Coated Gold Nanoparticles for Tumor-Targeting CT Imaging. <i>Pharmaceutical Research</i> , 2014, 31, 1418-1425.	3.5	108
128	Hypoxia-responsive polymeric nanoparticles for tumor-targeted drug delivery. <i>Biomaterials</i> , 2014, 35, 1735-1743.	11.4	296
129	Chemical Tumor-Targeting of Nanoparticles Based on Metabolic Glycoengineering and Click Chemistry. <i>ACS Nano</i> , 2014, 8, 2048-2063.	14.6	167
130	Dextran sulfate-coated superparamagnetic iron oxide nanoparticles as a contrast agent for atherosclerosis imaging. <i>Carbohydrate Polymers</i> , 2014, 101, 1225-1233.	10.2	75
131	DNA Amplification in Neutral Liposomes for Safe and Efficient Gene Delivery. <i>ACS Nano</i> , 2014, 8, 4257-4267.	14.6	32
132	Hyaluronic acid derivative-coated nanohybrid liposomes for cancer imaging and drug delivery. <i>Journal of Controlled Release</i> , 2014, 174, 98-108.	9.9	190
133	Theranostic nanomaterials for image-guided gene therapy. <i>MRS Bulletin</i> , 2014, 39, 44-50.	3.5	4
134	Oligomeric bile acid-mediated oral delivery of low molecular weight heparin. <i>Journal of Controlled Release</i> , 2014, 175, 17-24.	9.9	50
135	Adipose tissue: A valuable resource of biomaterials for soft tissue engineering. <i>Macromolecular Research</i> , 2014, 22, 932-947.	2.4	21
136	Prediction of Antiarthritic Drug Efficacies by Monitoring Active Matrix Metalloproteinase-3 (MMP-3) Levels in Collagen-Induced Arthritic Mice Using the MMP-3 Probe. <i>Molecular Pharmaceutics</i> , 2014, 11, 1450-1458.	4.6	12
137	Echogenic nanoparticles for ultrasound technologies: Evolution from diagnostic imaging modality to multimodal theranostic agent. <i>Nano Today</i> , 2014, 9, 525-540.	11.9	60
138	Bioreducible Carboxymethyl Dextran Nanoparticles for Tumor-Targeted Drug Delivery. <i>Advanced Healthcare Materials</i> , 2014, 3, 1829-1838.	7.6	91
139	Tumor-Targeting Multifunctional Nanoparticles for siRNA Delivery: Recent Advances in Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2014, 3, 1182-1193.	7.6	65
140	TNF- α Gene Silencing Using Polymerized siRNA/Thiolated Glycol Chitosan Nanoparticles for Rheumatoid Arthritis. <i>Molecular Therapy</i> , 2014, 22, 397-408.	8.2	125
141	Fluorescent Dye Labeled Iron Oxide/Silica Core/Shell Nanoparticle as a Multimodal Imaging Probe. <i>Pharmaceutical Research</i> , 2014, 31, 3371-3378.	3.5	32
142	Protein-coated/Gold Core/Shell Nanoparticles for Targeted Cancer Therapy without Nanotoxicity. <i>Advanced Materials</i> , 2014, 26, 6436-6441.	21.0	59
143	Effect of HIFU treatment on tumor targeting efficacy of docetaxel-loaded Pluronic nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 119, 137-144.	5.0	27
144	Engineered protein nanoparticles for in vivo tumor detection. <i>Biomaterials</i> , 2014, 35, 6422-6429.	11.4	26

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145	Complex adaptive therapeutic strategy (CATS) for cancer. <i>Journal of Controlled Release</i> , 2014, 175, 43-47.	9.9	19
146	Theranostic nanoparticles for future personalized medicine. <i>Journal of Controlled Release</i> , 2014, 190, 477-484.	9.9	179
147	Prevention effect of orally active heparin conjugate on cancer-associated thrombosis. <i>Journal of Controlled Release</i> , 2014, 195, 155-161.	9.9	8
148	Self-assembled glycol chitosan nanoparticles for disease-specific theranostics. <i>Journal of Controlled Release</i> , 2014, 193, 202-213.	9.9	78
149	Nano carriers that enable co-delivery of chemotherapy and RNAi agents for treatment of drug-resistant cancers. <i>Biotechnology Advances</i> , 2014, 32, 1037-1050.	11.7	110
150	Functional transformations of bile acid transporters induced by high-affinity macromolecules. <i>Scientific Reports</i> , 2014, 4, 4163.	3.3	47
151	Glycol chitosan nanoparticles as specialized cancer therapeutic vehicles: Sequential delivery of doxorubicin and Bcl-2 siRNA. <i>Scientific Reports</i> , 2014, 4, 6878.	3.3	118
152	Ischemic brain imaging using fluorescent gold nanoprobe sensitive to reactive oxygen species. <i>Journal of Controlled Release</i> , 2013, 170, 352-357.	9.9	28
153	Conjugated Polymer/Photochromophore Binary Nanococktails: Bistable Photoswitching of Near-Infrared Fluorescence for In Vivo Imaging. <i>Advanced Materials</i> , 2013, 25, 5574-5580.	21.0	55
154	Cancer cell-specific photoactivity of pheophorbide a-glycol chitosan nanoparticles for photodynamic therapy in tumor-bearing mice. <i>Biomaterials</i> , 2013, 34, 6454-6463.	11.4	114
155	Gadolinium-coordinated elastic nanogels for in vivo tumor targeting and imaging. <i>Biomaterials</i> , 2013, 34, 6846-6852.	11.4	64
156	Multilayer nanoparticles for sustained delivery of exenatide to treat type 2 diabetes mellitus. <i>Biomaterials</i> , 2013, 34, 8444-8449.	11.4	32
157	Photo-crosslinked hyaluronic acid nanoparticles with improved stability for in vivo tumor-targeted drug delivery. <i>Biomaterials</i> , 2013, 34, 5273-5280.	11.4	95
158	Biocompatible gelatin nanoparticles for tumor-targeted delivery of polymerized siRNA in tumor-bearing mice. <i>Journal of Controlled Release</i> , 2013, 172, 358-366.	9.9	89
159	Tumor-Targeting Transferrin Nanoparticles for Systemic Polymerized siRNA Delivery in Tumor-Bearing Mice. <i>Bioconjugate Chemistry</i> , 2013, 24, 1850-1860.	3.6	59
160	Enhanced drug-loading and therapeutic efficacy of hydrotropic oligomer-conjugated glycol chitosan nanoparticles for tumor-targeted paclitaxel delivery. <i>Journal of Controlled Release</i> , 2013, 172, 823-831.	9.9	88
161	Self-crosslinked human serum albumin nanocarriers for systemic delivery of polymerized siRNA to tumors. <i>Biomaterials</i> , 2013, 34, 9475-9485.	11.4	60
162	Hyperacute direct thrombus imaging using computed tomography and gold nanoparticles. <i>Annals of Neurology</i> , 2013, 73, 617-625.	5.3	39

#	ARTICLE	IF	CITATIONS
163	Bioreducible hyaluronic acid conjugates as siRNA carrier for tumor targeting. <i>Journal of Controlled Release</i> , 2013, 172, 653-661.	9.9	60
164	Systemic Delivery of siRNA by Chimeric Capsid Protein: Tumor Targeting and RNAi Activity <i>in Vivo</i> . <i>Molecular Pharmaceutics</i> , 2013, 10, 18-25.	4.6	48
165	Poly(oxyethylene sugaramide)s: unprecedented multihydroxyl building blocks for tumor-homing nanoassembly. <i>Journal of Materials Chemistry B</i> , 2013, 1, 3437.	5.8	2
166	Drug delivery by a self-assembled DNA tetrahedron for overcoming drug resistance in breast cancer cells. <i>Chemical Communications</i> , 2013, 49, 2010.	4.1	216
167	<i>In Vivo</i> fluorescence imaging for cancer diagnosis using receptor-targeted epidermal growth factor-based nanoprobe. <i>Biomaterials</i> , 2013, 34, 9149-9159.	11.4	33
168	Non-invasive optical imaging of matrix metalloproteinase activity with albumin-based fluorogenic nanoprobe during angiogenesis in a mouse hindlimb ischemia model. <i>Biomaterials</i> , 2013, 34, 6871-6881.	11.4	12
169	Self-assembled amphiphilic DNA-cholesterol/DNA-peptide hybrid duplexes with liposome-like structure for doxorubicin delivery. <i>Biomaterials</i> , 2013, 34, 4183-4190.	11.4	26
170	Preparation and characterization of glycol chitin as a new thermogelling polymer for biomedical applications. <i>Carbohydrate Polymers</i> , 2013, 92, 2267-2275.	10.2	55
171	Robust PEGylated hyaluronic acid nanoparticles as the carrier of doxorubicin: Mineralization and its effect on tumor targetability <i>in vivo</i> . <i>Journal of Controlled Release</i> , 2013, 168, 105-114.	9.9	94
172	Facile Method To Radiolabel Glycol Chitosan Nanoparticles with ⁶⁴ Cu via Copper-Free Click Chemistry for MicroPET Imaging. <i>Molecular Pharmaceutics</i> , 2013, 10, 2190-2198.	4.6	64
173	Nanophotosensitizers toward advanced photodynamic therapy of Cancer. <i>Cancer Letters</i> , 2013, 334, 176-187.	7.2	253
174	Structural modification of siRNA for efficient gene silencing. <i>Biotechnology Advances</i> , 2013, 31, 491-503.	11.7	58
175	Liver-Specific and Echogenic Hyaluronic Acid Nanoparticles Facilitating Liver Cancer Discrimination. <i>Advanced Functional Materials</i> , 2013, 23, 5518-5529.	14.9	39
176	The multilayer nanoparticles formed by layer by layer approach for cancer-targeting therapy. <i>Journal of Controlled Release</i> , 2013, 165, 9-15.	9.9	51
177	The EPR Effect in Cancer Therapy. , 2013, , 621-632.		23
178	Characterization of Partial Ligation-Induced Carotid Atherosclerosis Model Using Dual-Modality Molecular Imaging in ApoE Knock-out Mice. <i>PLoS ONE</i> , 2013, 8, e73451.	2.5	20
179	Near-infrared Fluorescence Imaging Using a Protease-activatable Nanoprobe in Tumor Detection: Comparison with Narrow-band Imaging. <i>Intestinal Research</i> , 2013, 11, 268.	2.6	3
180	Optical Imaging of Cancer-Related Proteases Using Near-Infrared Fluorescence Matrix Metalloproteinase-Sensitive and Cathepsin B-Sensitive Probes. <i>Theranostics</i> , 2012, 2, 179-189.	10.0	69

#	ARTICLE	IF	CITATIONS
181	Multimodal in-vivo MRI and NIRF imaging of bladder tumor using peptide conjugated glycol chitosan nanoparticles. , 2012, , .		4
182	In Vivo Quantitative Measurement of Arthritis Activity Based on Hydrophobically Modified Glycol Chitosan in Inflammatory Arthritis: More Active than Passive Accumulation. Molecular Imaging, 2012, 11, 7290.2011.00056.	1.4	7
183	Phthalocyanine-Aggregated Polymeric Nanoparticles as Tumor-Homing Near-Infrared Absorbers for Photothermal Therapy of Cancer. Theranostics, 2012, 2, 871-879.	10.0	89
184	Effect of the stability and deformability of self-assembled glycol chitosan nanoparticles on tumor-targeting efficiency. Journal of Controlled Release, 2012, 163, 2-9.	9.9	89
185	Tumor-targeting multi-functional nanoparticles for theragnosis: New paradigm for cancer therapy. Advanced Drug Delivery Reviews, 2012, 64, 1447-1458.	13.7	197
186	Multifunctional nanoparticles for multimodal imaging and theragnosis. Chemical Society Reviews, 2012, 41, 2656-2672.	38.1	1,258
187	Bioorthogonal Copper-Free Click Chemistry In Vivo for Tumor-Targeted Delivery of Nanoparticles. Angewandte Chemie - International Edition, 2012, 51, 11836-11840.	13.8	235
188	Theranostic nanoparticles based on PEGylated hyaluronic acid for the diagnosis, therapy and monitoring of colon cancer. Biomaterials, 2012, 33, 6186-6193.	11.4	139
189	Blood-pool multifunctional nanoparticles formed by temperature-induced phase transition for cancer-targeting therapy and molecular imaging. International Journal of Pharmaceutics, 2012, 437, 192-202.	5.2	7
190	Facilitated intracellular delivery of peptide-guided nanoparticles in tumor tissues. Journal of Controlled Release, 2012, 157, 493-499.	9.9	41
191	Insight of key factors influencing tumor targeting characteristics of glycol chitosan-based nanoparticles and In vivo applications. Macromolecular Research, 2012, 20, 1109-1117.	2.4	6
192	Amphiphilic hyaluronic acid-based nanoparticles for tumor-specific optical/MR dual imaging. Journal of Materials Chemistry, 2012, 22, 10444.	6.7	28
193	Iodinated Photosensitizing Chitosan: Self-Assembly into Tumor-Homing Nanoparticles with Enhanced Singlet Oxygen Generation. Bioconjugate Chemistry, 2012, 23, 1022-1028.	3.6	34
194	Dye/Peroxalate Aggregated Nanoparticles with Enhanced and Tunable Chemiluminescence for Biomedical Imaging of Hydrogen Peroxide. ACS Nano, 2012, 6, 6759-6766.	14.6	168
195	Tetraiodothyroacetic acid-tagged liposomes for enhanced delivery of anticancer drug to tumor tissue via integrin receptor. Journal of Controlled Release, 2012, 164, 213-220.	9.9	27
196	In situ application of hydrogel-type fibrin islet composite optimized for rapid glycemic control by subcutaneous xenogeneic porcine islet transplantation. Journal of Controlled Release, 2012, 162, 382-390.	9.9	40
197	In vivo NIRF and MR dual-modality imaging using glycol chitosan nanoparticles. Journal of Controlled Release, 2012, 163, 249-255.	9.9	49
198	Docetaxel-loaded composite nanoparticles formed by a temperature-induced phase transition for cancer therapy. Journal of Bioactive and Compatible Polymers, 2012, 27, 441-452.	2.1	6

#	ARTICLE	IF	CITATIONS
199	Enhancement of the Targeting Capabilities of the Paclitaxel-Loaded Pluronic Nanoparticles with a Glycol Chitosan/Heparin Composite. <i>Molecular Pharmaceutics</i> , 2012, 9, 230-236.	4.6	30
200	Design of peptide-conjugated glycol chitosan nanoparticles for near infrared fluorescent (NIRF) in vivo imaging of bladder tumors. <i>Proceedings of SPIE</i> , 2012, , .	0.8	1
201	Cancer targeting strategies in nanomedicine: Design and application of chitosan nanoparticles. <i>Current Opinion in Solid State and Materials Science</i> , 2012, 16, 333-342.	11.5	42
202	Measurement of MMP Activity in Synovial Fluid in Cases of Osteoarthritis and Acute Inflammatory Conditions of the Knee Joints Using a Fluorogenic Peptide Probe-Immobilized Diagnostic Kit. <i>Theranostics</i> , 2012, 2, 198-206.	10.0	20
203	In vivo NIRF Imaging of Tumor Targetability of Nanosized Liposomes in Tumor-Bearing Mice. <i>Macromolecular Bioscience</i> , 2012, 12, 849-856.	4.1	21
204	Tumor-Homing Poly-siRNA/Glycol Chitosan Self-Cross-Linked Nanoparticles for Systemic siRNA Delivery in Cancer Treatment. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7203-7207.	13.8	149
205	Self-Deprotonation and Colorization of 1,3-Bis(dicyanomethylidene)indan in Polar Media: A Facile Route to a Minimal Polymethine Dye for NIR Fluorescence Imaging. <i>Chemistry - A European Journal</i> , 2012, 18, 8699-8704.	3.3	12
206	Multi-core vesicle nanoparticles for controlled delivery of protein drug. <i>Macromolecular Research</i> , 2012, 20, 309-312.	2.4	2
207	Development of a pH sensitive nanocarrier using calcium phosphate coated gold nanoparticles as a platform for a potential theranostic material. <i>Macromolecular Research</i> , 2012, 20, 319-326.	2.4	24
208	Gas-generating polymeric microspheres for long-term and continuous in-vivo ultrasound imaging. <i>Biomaterials</i> , 2012, 33, 936-944.	11.4	38
209	Polyethylene glycol-conjugated hyaluronic acid-ceramide self-assembled nanoparticles for targeted delivery of doxorubicin. <i>Biomaterials</i> , 2012, 33, 1190-1200.	11.4	237
210	Tumor accumulation and antitumor efficacy of docetaxel-loaded core-shell-corona micelles with shell-specific redox-responsive cross-links. <i>Biomaterials</i> , 2012, 33, 1489-1499.	11.4	181
211	The movement of self-assembled amphiphilic polymeric nanoparticles in the vitreous and retina after intravitreal injection. <i>Biomaterials</i> , 2012, 33, 3485-3493.	11.4	163
212	Tumor-targeting hyaluronic acid nanoparticles for photodynamic imaging and therapy. <i>Biomaterials</i> , 2012, 33, 3980-3989.	11.4	268
213	Tumor vasculature targeting following co-delivery of heparin-taurocholate conjugate and suberoylanilide hydroxamic acid using cationic nanolipoplex. <i>Biomaterials</i> , 2012, 33, 4424-4430.	11.4	38
214	The tumor accumulation and therapeutic efficacy of doxorubicin carried in calcium phosphate-reinforced polymer nanoparticles. <i>Biomaterials</i> , 2012, 33, 5788-5797.	11.4	106
215	Hydrotropic magnetic micelles for combined magnetic resonance imaging and cancer therapy. <i>Journal of Controlled Release</i> , 2012, 160, 692-698.	9.9	33
216	Hyaluronic acid-ceramide-based optical/MR dual imaging nanoprobe for cancer diagnosis. <i>Journal of Controlled Release</i> , 2012, 162, 111-118.	9.9	67

#	ARTICLE	IF	CITATIONS
217	Cathepsin B-sensitive nanoprobe for in vivo tumor diagnosis. Journal of Materials Chemistry, 2011, 21, 17631.	6.7	38
218	A monitoring method for Atg4 activation in living cells using peptide-conjugated polymeric nanoparticles. Autophagy, 2011, 7, 1052-1062.	9.1	30
219	Small Heat Shock Protein as a Multifunctional Scaffold: Integrated Tumor Targeting and Caspase Imaging within a Single Cage. Biomacromolecules, 2011, 12, 3099-3106.	5.4	26
220	Bioreducible Block Copolymers Based on Poly(Ethylene Glycol) and Poly(β -Benzyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (<scp>l 1924-1931.	3.6	132
221	Real Time, High Resolution Video Imaging of Apoptosis in Single Cells with a Polymeric Nanoprobe. Bioconjugate Chemistry, 2011, 22, 125-131.	3.6	51
222	Multifunctional Chitosan Nanoparticles for Tumor Imaging and Therapy. Advances in Polymer Science, 2011,, 139-161.	0.8	23
223	Smart Nanocarrier Based on PEGylated Hyaluronic Acid for Cancer Therapy. ACS Nano, 2011, 5, 8591-8599.	14.6	360
224	Glycol Chitosan/Heparin Immobilized Iron Oxide Nanoparticles with a Tumor-Targeting Characteristic for Magnetic Resonance Imaging. Biomacromolecules, 2011, 12, 2335-2343.	5.4	84
225	Exercise attenuates matrix metalloproteinase activity in preexisting atherosclerotic plaque. Atherosclerosis, 2011, 216, 67-73.	0.8	25
226	Photosensitizer-Conjugated Human Serum Albumin Nanoparticles for Effective Photodynamic Therapy. Theranostics, 2011, 1, 230-239.	10.0	174
227	Dual-modality in vivo imaging for MRI detection of tumors and NIRF-guided surgery using multi-component nanoparticles. , 2011,, .		1
228	Trilysinoyl oleylamide-based cationic liposomes for systemic co-delivery of siRNA and an anticancer drug. Journal of Controlled Release, 2011, 155, 60-66.	9.9	91
229	Comparative study of photosensitizer loaded and conjugated glycol chitosan nanoparticles for cancer therapy. Journal of Controlled Release, 2011, 152, 21-29.	9.9	206
230	In situ dose amplification by apoptosis-targeted drug delivery. Journal of Controlled Release, 2011, 154, 214-217.	9.9	24
231	Molecular targeting of atherosclerotic plaques by a stabilin-2-specific peptide ligand. Journal of Controlled Release, 2011, 155, 211-217.	9.9	65
232	Development of MRI/NIRF \sim activatable \sim ™ multimodal imaging probe based on iron oxide nanoparticles. Journal of Controlled Release, 2011, 155, 152-158.	9.9	60
233	Nanogel with endosome-escaping function. Journal of Controlled Release, 2011, 155, 2.	9.9	0
234	Self-assembled nanoparticles based on hyaluronic acid-ceramide (HA-CE) and \sim Pluronic \sim ® for tumor-targeted delivery of docetaxel. Biomaterials, 2011, 32, 7181-7190.	11.4	283

#	ARTICLE	IF	CITATIONS
235	Multi-core vesicle nanoparticles based on vesicle fusion for delivery of chemotherapeutic drugs. <i>Biomaterials</i> , 2011, 32, 7924-7931.	11.4	36
236	In Vivo Targeted Delivery of Nanoparticles for Theranosis. <i>Accounts of Chemical Research</i> , 2011, 44, 1018-1028.	15.6	398
237	Application of Near-Infrared Fluorescence Imaging Using a Polymeric Nanoparticle-Based Probe for the Diagnosis and Therapeutic Monitoring of Colon Cancer. <i>Digestive Diseases and Sciences</i> , 2011, 56, 3005-3013.	2.3	41
238	Optimization of matrix metalloproteinase fluorogenic probes for osteoarthritis imaging. <i>Amino Acids</i> , 2011, 41, 1113-1122.	2.7	25
239	PEGylation of hyaluronic acid nanoparticles improves tumor targetability in vivo. <i>Biomaterials</i> , 2011, 32, 1880-1889.	11.4	298
240	Tumor-homing photosensitizer-conjugated glycol chitosan nanoparticles for synchronous photodynamic imaging and therapy based on cellular on/off system. <i>Biomaterials</i> , 2011, 32, 4021-4029.	11.4	155
241	Real-time and non-invasive optical imaging of tumor-targeting glycol chitosan nanoparticles in various tumor models. <i>Biomaterials</i> , 2011, 32, 5252-5261.	11.4	133
242	Oral protein delivery: Current status and future prospect. <i>Reactive and Functional Polymers</i> , 2011, 71, 280-287.	4.1	230
243	Hyaluronidase-sensitive SPIONs for MR/optical dual imaging nanoprobe. <i>Macromolecular Research</i> , 2011, 19, 861-867.	2.4	21
244	Heavyâ€Atomic Construction of Photosensitizer Nanoparticles for Enhanced Photodynamic Therapy of Cancer. <i>Small</i> , 2011, 7, 112-118.	10.0	33
245	Tumorâ€Targeting Gold Particles for Dual Computed Tomography/Optical Cancer Imaging. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9348-9351.	13.8	116
246	Early diagnosis of arthritis in mice with collagen-induced arthritis, using a fluorogenic matrix metalloproteinase 3-specific polymeric probe. <i>Arthritis and Rheumatism</i> , 2011, 63, 3824-3832.	6.7	50
247	Concentration and pH-modulated dual fluorescence in self-assembled nanoparticles of phototautomerizable biopolymeric amphiphile. <i>Dyes and Pigments</i> , 2011, 90, 284-289.	3.7	33
248	Nanoprobes for biomedical imaging in living systems. <i>Nano Today</i> , 2011, 6, 204-220.	11.9	129
249	Direct Thrombus Imaging as a Means to Control the Variability of Mouse Embolic Infarct Models. <i>Stroke</i> , 2011, 42, 3566-3573.	2.0	18
250	Targeted delivery of low molecular drugs using chitosan and its derivatives. <i>Advanced Drug Delivery Reviews</i> , 2010, 62, 28-41.	13.7	725
251	Ionic complex systems based on hyaluronic acid and PEGylated TNF-related apoptosis-inducing ligand for treatment of rheumatoid arthritis. <i>Biomaterials</i> , 2010, 31, 9057-9064.	11.4	55
252	Development of Bimolecular Fluorescence Complementation Using Dronpa for Visualization of Proteinâ€Protein Interactions in Cells. <i>Molecular Imaging and Biology</i> , 2010, 12, 468-478.	2.6	26

#	ARTICLE	IF	CITATIONS
253	The hydrogel template method for fabrication of homogeneous nano/microparticles. Journal of Controlled Release, 2010, 141, 314-319.	9.9	128
254	Stability and cellular uptake of polymerized siRNA (poly-siRNA)/polyethylenimine (PEI) complexes for efficient gene silencing. Journal of Controlled Release, 2010, 141, 339-346.	9.9	170
255	The effect of surface functionalization of PLGA nanoparticles by heparin- or chitosan-conjugated Pluronic on tumor targeting. Journal of Controlled Release, 2010, 143, 374-382.	9.9	162
256	Tumor-homing glycol chitosan/polyethylenimine nanoparticles for the systemic delivery of siRNA in tumor-bearing mice. Journal of Controlled Release, 2010, 144, 134-143.	9.9	145
257	Tumoral acidic pH-responsive MPEG-poly(β -amino ester) polymeric micelles for cancer targeting therapy. Journal of Controlled Release, 2010, 144, 259-266.	9.9	263
258	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
259	Pegylated poly-l-arginine derivatives of chitosan for effective delivery of siRNA. Journal of Controlled Release, 2010, 145, 159-164.	9.9	97
260	In-vivo tumor targeting of pluronic-based nano-carriers. Journal of Controlled Release, 2010, 147, 109-117.	9.9	72
261	Tumor targeting efficiency of bare nanoparticles does not mean the efficacy of loaded anticancer drugs: Importance of radionuclide imaging for optimization of highly selective tumor targeting polymeric nanoparticles with or without drug. Journal of Controlled Release, 2010, 147, 253-260.	9.9	40
262	Paclitaxel-loaded Pluronic nanoparticles formed by a temperature-induced phase transition for cancer therapy. Journal of Controlled Release, 2010, 148, 344-350.	9.9	70
263	Dab1 binds to Fe65 and diminishes the effect of Fe65 or LRP1 on APP processing. Journal of Cellular Biochemistry, 2010, 111, 508-519.	2.6	16
264	Squaraine- π -Doped Functional Nanoprobes: Lipophilically Protected Near-Infrared Fluorescence for Bioimaging. Advanced Functional Materials, 2010, 20, 2786-2793.	14.9	26
265	Chemiluminescence-Generating Nanoreactor Formulation for Near-Infrared Imaging of Hydrogen Peroxide and Glucose Level in vivo. Advanced Functional Materials, 2010, 20, 2644-2648.	14.9	124
266	Nanobubbles from Gas-Generating Polymeric Nanoparticles: Ultrasound Imaging of Living Subjects. Angewandte Chemie - International Edition, 2010, 49, 524-528.	13.8	98
267	Cellular uptake pathway and drug release characteristics of drug-encapsulated glycol chitosan nanoparticles in live cells. Microscopy Research and Technique, 2010, 73, 857-865.	2.2	33
268	Hydrotropic hyaluronic acid conjugates: Synthesis, characterization, and implications as a carrier of paclitaxel. International Journal of Pharmaceutics, 2010, 394, 154-161.	5.2	88
269	Reduced dose-limiting toxicity of intraperitoneal mitoxantrone chemotherapy using cardiolipin-based anionic liposomes. Nanomedicine: Nanotechnology, Biology, and Medicine, 2010, 6, 769-776.	3.3	23
270	Self-assembled hyaluronic acid nanoparticles for active tumor targeting. Biomaterials, 2010, 31, 106-114.	11.4	500

#	ARTICLE	IF	CITATIONS
271	The incorporation of GALA peptide into a protein cage for an acid-inducible molecular switch. <i>Biomaterials</i> , 2010, 31, 5191-5198.	11.4	29
272	pH-Sensitive Nanoflash for Tumoral Acidic pH Imaging in Live Animals. <i>Small</i> , 2010, 6, 2539-2544.	10.0	53
273	Near-Infrared Fluorescence Imaging Using a Protease-Specific Probe for the Detection of Colon Tumors. <i>Gut and Liver</i> , 2010, 4, 488-497.	2.9	23
274	Improved Antitumor Activity and Tumor Targeting of NH ₂ -Terminal-Specific PEGylated Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 1719-1729.	4.1	65
275	A mesoporous silica nanoparticle with charge-convertible pore walls for efficient intracellular protein delivery. <i>Nanotechnology</i> , 2010, 21, 225101.	2.6	61
276	Tumor-Targeting Peptide Conjugated pH-Responsive Micelles as a Potential Drug Carrier for Cancer Therapy. <i>Bioconjugate Chemistry</i> , 2010, 21, 208-213.	3.6	214
277	Conjugated polymer nanoparticles for biomedical in vivo imaging. <i>Chemical Communications</i> , 2010, 46, 1617.	4.1	160
278	One-Step-Detection of Matrix Metalloproteinase Activity Using a Fluorogenic Peptide Probe-Immobilized Diagnostic Kit. <i>Bioconjugate Chemistry</i> , 2010, 21, 1378-1384.	3.6	21
279	Tumor Targeting Chitosan Nanoparticles for Dual-Modality Optical/MR Cancer Imaging. <i>Bioconjugate Chemistry</i> , 2010, 21, 578-582.	3.6	139
280	Matrix Metalloproteinase Sensitive Gold Nanorod for Simultaneous Bioimaging and Photothermal Therapy of Cancer. <i>Bioconjugate Chemistry</i> , 2010, 21, 2173-2177.	3.6	92
281	In vivo tumor diagnosis and photodynamic therapy via tumoral pH-responsive polymeric micelles. <i>Chemical Communications</i> , 2010, 46, 5668.	4.1	173
282	Caspase Sensitive Gold Nanoparticle for Apoptosis Imaging in Live Cells. <i>Bioconjugate Chemistry</i> , 2010, 21, 1939-1942.	3.6	62
283	Protease Imaging of Human Atheromata Captures Molecular Information of Atherosclerosis, Complementing Anatomic Imaging. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 449-456.	2.4	53
284	Multifunctional Nanoparticles for Molecular Imaging. <i>Journal of the Korean Medical Association</i> , 2009, 52, 125.	0.3	1
285	Cellular uptake mechanism and intracellular fate of hydrophobically modified glycol chitosan nanoparticles. <i>Journal of Controlled Release</i> , 2009, 135, 259-267.	9.9	509
286	Hydrotropic oligomer-conjugated glycol chitosan as a carrier of paclitaxel: Synthesis, characterization, and in vivo biodistribution. <i>Journal of Controlled Release</i> , 2009, 140, 210-217.	9.9	87
287	Anionic amino acid-derived cationic lipid for siRNA delivery. <i>Journal of Controlled Release</i> , 2009, 140, 268-276.	9.9	49
288	New Generation of Multifunctional Nanoparticles for Cancer Imaging and Therapy. <i>Advanced Functional Materials</i> , 2009, 19, 1553-1566.	14.9	405

#	ARTICLE	IF	CITATIONS
289	A Near-Infrared Fluorescence-Based Optical Thermosensor. Chemistry - A European Journal, 2009, 15, 6103-6106.	3.3	20
290	Heparin-Coated Gold Nanoparticles for Liver-Specific CT Imaging. Chemistry - A European Journal, 2009, 15, 13341-13347.	3.3	146
291	Hyaluronic acid complexed to biodegradable poly-L-arginine for targeted delivery of siRNAs. Journal of Gene Medicine, 2009, 11, 791-803.	2.8	65
292	Lipid-based emulsion system as non-viral gene carriers. Archives of Pharmacal Research, 2009, 32, 639-646.	6.3	35
293	Evaluation of the anti-tumor effects of paclitaxel-encapsulated pH-sensitive micelles. Macromolecular Research, 2009, 17, 99-103.	2.4	13
294	Tumor specificity and therapeutic efficacy of photosensitizer-encapsulated glycol chitosan-based nanoparticles in tumor-bearing mice. Biomaterials, 2009, 30, 2929-2939.	11.4	163
295	Injectable In Situ-Forming pH/Thermo-Sensitive Hydrogel for Bone Tissue Engineering. Tissue Engineering - Part A, 2009, 15, 923-933.	3.1	124
296	Engineered polymers for advanced drug delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2009, 71, 420-430.	4.3	298
297	Polymeric Nanoparticle-Based Activatable Near-Infrared Nanosensor for Protease Determination In Vivo. Nano Letters, 2009, 9, 4412-4416.	9.1	149
298	Self-assembled hyaluronic acid nanoparticles as a potential drug carrier for cancer therapy: synthesis, characterization, and in vivo biodistribution. Journal of Materials Chemistry, 2009, 19, 4102.	6.7	240
299	Dye-Condensed Biopolymeric Hybrids: Chromophoric Aggregation and Self-Assembly toward Fluorescent Bionanoparticles for Near Infrared Bioimaging. Chemistry of Materials, 2009, 21, 5819-5825.	6.7	90
300	Current Status of Nanoparticle-Based Imaging Agents for Early Diagnosis of Cancer and Atherosclerosis. Journal of Biomedical Nanotechnology, 2009, 5, 20-35.	1.1	31
301	Minimalism in fabrication of self-organized nanogels holding both anti-cancer drug and targeting moiety. Colloids and Surfaces B: Biointerfaces, 2008, 63, 55-63.	5.0	40
302	Doxorubicin Loaded pH-sensitive Micelle: Antitumoral Efficacy against Ovarian A2780/DOXR Tumor. Pharmaceutical Research, 2008, 25, 2074-82.	3.5	112
303	Tumoral accumulation of long-circulating, self-assembled nanoparticles and its visualization by gamma scintigraphy. Macromolecular Research, 2008, 16, 15-20.	2.4	13
304	Regioselective succinylation and gelation behavior of glycol chitosan. Macromolecular Research, 2008, 16, 57-61.	2.4	10
305	A Near-Infrared-Fluorescence-Quenched Gold-Nanoparticle Imaging Probe for In Vivo Drug Screening and Protease Activity Determination. Angewandte Chemie - International Edition, 2008, 47, 2804-2807.	13.8	310
306	Polymeric nanomedicine for cancer therapy. Progress in Polymer Science, 2008, 33, 113-137.	24.7	453

#	ARTICLE	IF	CITATIONS
307	Preparation and characterization of hyaluronic acid-based hydrogel nanoparticles. Journal of Physics and Chemistry of Solids, 2008, 69, 1591-1595.	4.0	35
308	Self-assembled glycol chitosan nanoparticles for the sustained and prolonged delivery of antiangiogenic small peptide drugs in cancer therapy. Biomaterials, 2008, 29, 1920-1930.	11.4	211
309	Stability and bioactivity of nanocomplex of TNF-related apoptosis-inducing ligand. International Journal of Pharmaceutics, 2008, 363, 149-154.	5.2	29
310	Activatable imaging probes with amplified fluorescent signals. Chemical Communications, 2008, , 4250.	4.1	139
311	Phage display selection of peptides that home to atherosclerotic plaques: IL-6 receptor as a candidate target in atherosclerosis. Journal of Cellular and Molecular Medicine, 2008, 12, 2003-2014.	3.6	83
312	Discovery of a phosphatidylserine-recognizing peptide and its utility in molecular imaging of tumour apoptosis. Journal of Cellular and Molecular Medicine, 2008, 12, 1649-1660.	3.6	58
313	Antitumor efficacy of cisplatin-loaded glycol chitosan nanoparticles in tumor-bearing mice. Journal of Controlled Release, 2008, 127, 41-49.	9.9	333
314	Hydrophobically modified glycol chitosan nanoparticles-encapsulated camptothecin enhance the drug stability and tumor targeting in cancer therapy. Journal of Controlled Release, 2008, 127, 208-218.	9.9	429
315	Tumor targetability and antitumor effect of docetaxel-loaded hydrophobically modified glycol chitosan nanoparticles. Journal of Controlled Release, 2008, 128, 23-31.	9.9	245
316	In vivo time-dependent gene expression of cationic lipid-based emulsion as a stable and biocompatible non-viral gene carrier. Journal of Controlled Release, 2008, 128, 89-97.	9.9	45
317	A new atherosclerotic lesion probe based on hydrophobically modified chitosan nanoparticles functionalized by the atherosclerotic plaque targeted peptides. Journal of Controlled Release, 2008, 128, 217-223.	9.9	90
318	Super pH-sensitive multifunctional polymeric micelle for tumor pH specific TAT exposure and multidrug resistance. Journal of Controlled Release, 2008, 129, 228-236.	9.9	376
319	Identification of a peptide ligand recognizing dysfunctional endothelial cells for targeting atherosclerosis. Journal of Controlled Release, 2008, 131, 27-33.	9.9	24
320	A new homing peptide toward tumor vasculature shows tissue specificity. Journal of Controlled Release, 2008, 131, 85.	9.9	1
321	Dynamic microPET technique: An in vivo GPS navigation tool. Journal of Controlled Release, 2008, 131, 159-159.	9.9	0
322	Real-time imaging of NF-AT nucleocytoplasmic shuttling with a photoswitchable fluorescence protein in live cells. Biochimica Et Biophysica Acta - General Subjects, 2008, 1780, 1403-1407.	2.4	8
323	Dark Quenched Matrix Metalloproteinase Fluorogenic Probe for Imaging Osteoarthritis Development <i>in Vivo</i> . Bioconjugate Chemistry, 2008, 19, 1743-1747.	3.6	77
324	Antimetastatic Effect of an Orally Active Heparin Derivative on Experimentally Induced Metastasis. Clinical Cancer Research, 2008, 14, 2841-2849.	7.0	39

#	ARTICLE	IF	CITATIONS
325	Antitumor effect of a transducible fusogenic peptide releasing multiple proapoptotic peptides by caspase-3. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 1514-1522.	4.1	32
326	Efficacy and tissue distribution of DHP107, an oral paclitaxel formulation. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 3239-3247.	4.1	43
327	Polymeric nanoparticles for protein kinase activity. <i>Chemical Communications</i> , 2007, , 1346.	4.1	28
328	Heparin/Poly(L-lysine) Nanoparticle-Coated Polymeric Microspheres for Stem-Cell Therapy. <i>Journal of the American Chemical Society</i> , 2007, 129, 5788-5789.	13.7	80
329	Protein-Phosphorylation-Responsive Polymeric Nanoparticles for Imaging Protein Kinase Activities in Single Living Cells. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5779-5782.	13.8	54
330	In vivo tumor targeting and radionuclide imaging with self-assembled nanoparticles: Mechanisms, key factors, and their implications. <i>Biomaterials</i> , 2007, 28, 1236-1247.	11.4	109
331	The attenuation of experimental lung metastasis by a bile acid acylated-heparin derivative. <i>Biomaterials</i> , 2007, 28, 2667-2676.	11.4	39
332	pH- and temperature-sensitive, injectable, biodegradable block copolymer hydrogels as carriers for paclitaxel. <i>International Journal of Pharmaceutics</i> , 2007, 331, 11-18.	5.2	127
333	Cleavage-induced fluorescence change via hydrophilicity control: A new strategy for biological application. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 188, 149-154.	3.9	3
334	Polymers for bioimaging. <i>Progress in Polymer Science</i> , 2007, 32, 1031-1053.	24.7	180
335	Effect of polymer molecular weight on the tumor targeting characteristics of self-assembled glycol chitosan nanoparticles. <i>Journal of Controlled Release</i> , 2007, 122, 305-314.	9.9	240
336	Tumoral acidic extracellular pH targeting of pH-responsive MPEG-poly(β -amino ester) block copolymer micelles for cancer therapy. <i>Journal of Controlled Release</i> , 2007, 123, 109-115.	9.9	281
337	Cell-Permeable and Biocompatible Polymeric Nanoparticles for Apoptosis Imaging. <i>Journal of the American Chemical Society</i> , 2006, 128, 3490-3491.	13.7	237
338	Heterogeneous surface saponification of suspension-polymerized monodisperse poly(vinyl acetate) microspheres using various ions. <i>Journal of Polymer Science Part A</i> , 2006, 44, 3567-3576.	2.3	14
339	Biodegradability and biocompatibility of a pH- and thermo-sensitive hydrogel formed from a sulfonamide-modified poly(β -caprolactone-co-lactide)/poly(ethylene glycol) block copolymer. <i>Journal of Polymer Science Part A: Polymer Chemistry</i> , 2006, 44, 1177-1185.	10.177	135
340	Size control of self-assembled nanoparticles by an emulsion/solvent evaporation method. <i>Colloid and Polymer Science</i> , 2006, 284, 506-512.	2.1	60
341	Preparation and characterization of self-assembled nanoparticles based on glycol chitosan bearing adriamycin. <i>Colloid and Polymer Science</i> , 2006, 284, 763-770.	2.1	47
342	Physicochemical characteristics of poly(2-ethyl-2-oxazoline)/poly(β -caprolactone) block copolymer micelles in water. <i>Polymer Bulletin</i> , 2006, 56, 385-393.	3.3	10

#	ARTICLE	IF	CITATIONS
343	Preparation and characterization of cisplatin-incorporated chitosan hydrogels, microparticles, and nanoparticles. <i>Macromolecular Research</i> , 2006, 14, 573-578.	2.4	34
344	Self-assembled nanoparticles based on glycol chitosan bearing hydrophobic moieties as carriers for doxorubicin: In vivo biodistribution and anti-tumor activity. <i>Biomaterials</i> , 2006, 27, 119-126.	11.4	282
345	Hydrophobically modified glycol chitosan nanoparticles as carriers for paclitaxel. <i>Journal of Controlled Release</i> , 2006, 111, 228-234.	9.9	306
346	In vivo gene therapy of type I diabetic mellitus using a cationic emulsion containing an Epstein Barr Virus (EBV) based plasmid vector. <i>Journal of Controlled Release</i> , 2006, 112, 139-144.	9.9	14
347	Preparation of poly(vinyl acetate) microspheres with narrow particle size distributions by low temperature suspension polymerization of vinyl acetate. <i>Journal of Applied Polymer Science</i> , 2006, 101, 4064-4070.	2.6	7
348	Effect of Calcium Sulfate-Chitosan Composite: Pellet on Bone Formation in Bone Defect. <i>Journal of Craniofacial Surgery</i> , 2005, 16, 213-224.	0.7	13
349	Evaluation of absorption of heparin-DOCA conjugates on the intestinal wall using a surface plasmon resonance. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 39, 861-870.	2.8	30
350	Complex formation between plasmid DNA and self-aggregates of deoxycholic acid-modified chitosan. <i>Polymer</i> , 2005, 46, 8107-8112.	3.8	33
351	Polycations enhance emulsion-mediated in vitro and in vivo transfection. <i>International Journal of Pharmaceutics</i> , 2005, 295, 35-45.	5.2	11
352	Stable paclitaxel formulations in oily contrast medium. <i>Journal of Controlled Release</i> , 2005, 102, 415-425.	9.9	25
353	Self-assembled nanoparticles containing hydrophobically modified glycol chitosan for gene delivery. <i>Journal of Controlled Release</i> , 2005, 103, 235-243.	9.9	195
354	The Effect of Chitosan Bead Encapsulating Calcium Sulfate as an Injectable Bone Substitute on Consolidation in the Mandibular Distraction Osteogenesis of a Dog Model. <i>Journal of Oral and Maxillofacial Surgery</i> , 2005, 63, 1753-1764.	1.2	21
355	Airway gene transfer using cationic emulsion as a mucosal gene carrier. <i>Journal of Gene Medicine</i> , 2005, 7, 749-758.	2.8	19
356	Self-assembled nanoparticles of bile acid-modified glycol chitosans and their applications for cancer therapy. <i>Macromolecular Research</i> , 2005, 13, 167-175.	2.4	32
357	Physicochemical Characterizations of Self-Assembled Nanoparticles of Glycol Chitosan~Deoxycholic Acid Conjugates. <i>Biomacromolecules</i> , 2005, 6, 1154-1158.	5.4	169
358	Effects of a Chitosan Scaffold Containing TGF-beta1 Encapsulated Chitosan Microspheres on In Vitro Chondrocyte Culture. <i>Artificial Organs</i> , 2004, 28, 829-839.	1.9	83
359	Self-assembled nanoparticles based on glycol chitosan bearing 5Î²-cholanic acid for RGD peptide delivery. <i>Journal of Controlled Release</i> , 2004, 95, 579-588.	9.9	185
360	Cationic lipid emulsions containing heavy oils for the transfection of adherent cells. <i>Journal of Controlled Release</i> , 2004, 98, 179-188.	9.9	18

#	ARTICLE	IF	CITATIONS
361	PEGylated polyethylenimine for in vivo local gene delivery based on lipiodolized emulsion system. Journal of Controlled Release, 2004, 99, 167-176.	9.9	53
362	Preparation and Characterization of Reconstructed Small Intestinal Brush Border Membranes for Surface Plasmon Resonance Analysis. Pharmaceutical Research, 2004, 21, 55-60.	3.5	9
363	Surface Plasmon Resonance Studies of the Direct Interaction Between a Drug/Intestinal Brush Border Membrane. Pharmaceutical Research, 2004, 21, 1233-1238.	3.5	21
364	Supramolecular Hydrogel Formation Based on Inclusion Complexation Between Poly(ethylene) Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 622	4.1	116
365	Effect of PEG-PLLA diblock copolymer on macroporous PLLA scaffolds by thermally induced phase separation. Biomaterials, 2004, 25, 2319-2329.	11.4	143
366	Effects of the controlled-released TGF- β 1 from chitosan microspheres on chondrocytes cultured in a collagen/chitosan/glycosaminoglycan scaffold. Biomaterials, 2004, 25, 4163-4173.	11.4	240
367	Preparation and Characterization of Self-Assembled Nanoparticles of Heparin-Deoxycholic Acid Conjugates. Langmuir, 2004, 20, 11726-11731.	3.5	137
368	The Bone Regenerative Effect of Chitosan Microsphere-Encapsulated Growth Hormone on Bony Consolidation in Mandibular Distraction Osteogenesis in a Dog Model. Journal of Craniofacial Surgery, 2004, 15, 299-311.	0.7	27
369	Gene Therapy and Molecular Imaging. Taehan Uihak Hyophoe Chi the Journal of the Korean Medical Association, 2004, 47, 139.	0.1	0
370	Polymeric micelles of poly(2-ethyl-2-oxazoline)-block-poly(ϵ -caprolactone) copolymer as a carrier for paclitaxel. Journal of Controlled Release, 2003, 89, 437-446.	9.9	235
371	Biodistribution and anti-tumor efficacy of doxorubicin loaded glycol-chitosan nanoaggregates by EPR effect. Journal of Controlled Release, 2003, 91, 135-145.	9.9	266
372	Porous chitosan scaffold containing microspheres loaded with transforming growth factor- β 1: Implications for cartilage tissue engineering. Journal of Controlled Release, 2003, 91, 365-374.	9.9	270
373	Effect of iodine absorption on the characteristics of syndiotacticity-rich high molecular weight poly(vinyl alcohol) microfibril. Journal of Applied Polymer Science, 2003, 87, 1519-1524.	2.6	8
374	In vitro cellular interaction and absorption of dispersed cubic particles. International Journal of Pharmaceutics, 2003, 253, 71-80.	5.2	46
375	The effects of serum on the stability and the transfection activity of the cationic lipid emulsion with various oils. International Journal of Pharmaceutics, 2003, 252, 241-252.	5.2	43
376	Synthesis and Characterization of Sugar-Bearing Chitosan Derivatives: Aqueous Solubility and Biodegradability. Biomacromolecules, 2003, 4, 1087-1091.	5.4	153
377	Physicochemical Characteristics of Self-Assembled Nanoparticles Based on Glycol Chitosan Bearing 5 β -Cholanic Acid. Langmuir, 2003, 19, 10188-10193.	3.5	260
378	Microstructure of Dispersed Colloidal Particles of a Bilayer Cubic Phase. Journal of Dispersion Science and Technology, 2003, 24, 123-128.	2.4	7

#	ARTICLE	IF	CITATIONS
379	Gentamicin-releasing urethral catheter for short-term catheterization. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2003, 14, 963-972.	3.5	34
380	Norfloxacin-releasing urethral catheter for long-term catheterization. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2003, 14, 951-962.	3.5	41
381	Fabrication of a pure porous chitosan bead matrix: influences of phase separation on the microstructure. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2002, 13, 769-782.	3.5	31
382	Cross-Protective Immunity of Mice Induced by Oral Immunization with Pneumococcal Surface Adhesin A Encapsulated in Microspheres. <i>Infection and Immunity</i> , 2002, 70, 1143-1149.	2.2	61
383	Role of BMP, β 2ig-h3, and Chitosan in Early Bony Consolidation in Distraction Osteogenesis in a Dog Model. <i>Plastic and Reconstructive Surgery</i> , 2002, 109, 1966-1977.	1.4	56
384	Preparation and characterization of iodinated poly(vinyl alcohol) microfibril. <i>Macromolecular Symposia</i> , 2002, 180, 125-132.	0.7	8
385	The Role of Hyaluronic Acid, Chitosan, and Calcium Sulfate and Their Combined Effect on Early Bony Consolidation in Distraction Osteogenesis of a Canine Model. <i>Journal of Craniofacial Surgery</i> , 2002, 13, 783-793.	0.7	31
386	Complexation of Poly(2-ethyl-2-oxazoline)-block-poly(β -caprolactone) Micelles with Multifunctional Carboxylic Acids. <i>Macromolecules</i> , 2002, 35, 193-200.	4.8	63
387	The role of non-ionic surfactants on cationic lipid mediated gene transfer. <i>Journal of Controlled Release</i> , 2002, 82, 455-465.	9.9	29
388	Self-assembled α -nanocubicle as a carrier for peroral insulin delivery. <i>Diabetologia</i> , 2002, 45, 448-451.	6.3	151
389	Assessment of PEO/PTMO multiblock copolymer/segmented polyurethane blends as coating materials for urinary catheters: in vitro bacterial adhesion and encrustation behavior. <i>Biomaterials</i> , 2002, 23, 3991-4000.	11.4	59
390	Structural Characteristics of Size-Controlled Self-Aggregates of Deoxycholic Acid-Modified Chitosan and Their Application as a DNA Delivery Carrier. <i>Bioconjugate Chemistry</i> , 2001, 12, 932-938.	3.6	200
391	PDMS-based polyurethanes with MPEG grafts: Mechanical properties, bacterial repellency, and release behavior of rifampicin. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2001, 12, 629-645.	3.5	38
392	Supramolecular-Structured Hydrogels Showing a Reversible Phase Transition by Inclusion Complexation between Poly(ethylene glycol) Grafted Dextran and β -Cyclodextrin. <i>Macromolecules</i> , 2001, 34, 8657-8662.	4.8	204
393	Three-dimensional porous collagen/chitosan complex sponge for tissue engineering. <i>Fibers and Polymers</i> , 2001, 2, 64-70.	2.1	38
394	Stability of the oil-in-water type triacylglycerol emulsions. <i>Biotechnology and Bioprocess Engineering</i> , 2001, 6, 284-288.	2.6	10
395	Prophylactic efficacy of a new gentamicin-releasing urethral catheter in short-term catheterized rabbits. <i>BJU International</i> , 2001, 87, 104-109.	2.5	28
396	Effect of stereosequences on crystallinity and properties of zone-drawn poly(vinyl alcohol) microfibrils. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2001, 39, 1263-1271.	2.1	18

#	ARTICLE	IF	CITATIONS
397	Optimization of lipid composition in cationic emulsion as in vitro and in vivo transfection agents. <i>Pharmaceutical Research</i> , 2001, 18, 54-60.	3.5	49
398	Oil components modulate physical characteristics and function of the natural oil emulsions as drug or gene delivery system. <i>Journal of Controlled Release</i> , 2001, 71, 339-350.	9.9	105
399	Phase-transition characteristics of amphiphilic poly(2-ethyl-2-oxazoline)/poly(ϵ -caprolactone) block copolymers in aqueous solutions. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2000, 38, 2400-2408.	2.1	32
400	Synthesis and characterization of amphiphilic poly(2-ethyl-2-oxazoline)/poly(ϵ -caprolactone) alternating multiblock copolymers. <i>Polymer</i> , 2000, 41, 7091-7097.	3.8	37
401	A cationic lipid emulsion/DNA complex as a physically stable and serum-resistant gene delivery system. <i>Pharmaceutical Research</i> , 2000, 17, 314-320.	3.5	78
402	Self-aggregates of deoxycholic acid-modified chitosan as a novel carrier of adriamycin. <i>Colloid and Polymer Science</i> , 2000, 278, 1216-1219.	2.1	101
403	In Vivo Gene Transfer to the Mouse Nasal Cavity Mucosa Using a Stable Cationic Lipid Emulsion. <i>Molecules and Cells</i> , 2000, 10, 142-147.	2.6	46
404	Synthesis and the Micellar Characteristics of Poly(ethylene oxide)-Deoxycholic Acid Conjugates1. <i>Langmuir</i> , 2000, 16, 4792-4797.	3.5	82
405	Synthesis of Triarmed Poly(ethylene oxide)-Deoxycholic Acid Conjugate and Its Micellar Characteristics. <i>Langmuir</i> , 2000, 16, 10566-10568.	3.5	34
406	Amphiphilic Diblock Copolymers Based on Poly(2-ethyl-2-oxazoline) and Poly(1,3-trimethylene) Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 38.	4.8	96
407	Bulk polymerization of vinyl pivalate using low-temperature azoinitiator and saponification for the preparation of poly(vinyl alcohol) microfibrils. <i>Angewandte Makromolekulare Chemie</i> , 1999, 271, 46-52.	0.2	13
408	Synthesis and Micellar Characterization of Amphiphilic Diblock Copolymers Based on Poly(2-ethyl-2-oxazoline) and Aliphatic Polyesters1. <i>Macromolecules</i> , 1999, 32, 1847-1852.	4.8	200
409	Protective Immunity of Microsphere-Based Mucosal Vaccines against Lethal Intranasal Challenge with<i>Streptococcus pneumoniae</i>. <i>Infection and Immunity</i> , 1999, 67, 3587-3592.	2.2	35
410	Stable lipiodolized emulsions for hepatoma targeting and treatment by transcatheter arterial chemoembolization. <i>Journal of Controlled Release</i> , 1998, 50, 135-143.	9.9	31
411	Preparation of chitosan self-aggregates as a gene delivery system. <i>Journal of Controlled Release</i> , 1998, 51, 213-220.	9.9	383
412	Novel mucosal immunization with polysaccharide-protein conjugates entrapped in alginate microspheres. <i>Journal of Controlled Release</i> , 1998, 53, 215-224.	9.9	49
413	Physicochemical Characteristics of Self-Aggregates of Hydrophobically Modified Chitosans. <i>Langmuir</i> , 1998, 14, 2329-2332.	3.5	141
414	Structural Determination and Interior Polarity of Self-Aggregates Prepared from Deoxycholic Acid-Modified Chitosan in Water. <i>Macromolecules</i> , 1998, 31, 378-383.	4.8	209

#	ARTICLE	IF	CITATIONS
415	Squeezing hydrogels for controlled oral drug delivery. Journal of Controlled Release, 1997, 48, 141-148.	9.9	166
416	Development of a local antibiotic delivery system using fibrin glue. Journal of Controlled Release, 1996, 39, 65-70.	9.9	15
417	Preparation of biodegradable microspheres containing water-soluble drug, β -lactam antibiotic. Archives of Pharmacal Research, 1996, 19, 30-35.	6.3	3
418	Preparation of sodium alginate microspheres containing hydrophilic β -lactam antibiotics. Archives of Pharmacal Research, 1996, 19, 106-111.	6.3	25
419	Saccharide Effect on the Lower Critical Solution Temperature of Thermosensitive Polymers. Macromolecules, 1995, 28, 939-944.	4.8	77
420	Characteristics of charged networks under an electric stimulus. Journal of Polymer Science, Part B: Polymer Physics, 1994, 32, 1085-1092.	2.1	29
421	Heparin release from polymer complex. Journal of Controlled Release, 1994, 30, 155-159.	9.9	43
422	Pulsatile Drug Release by Electric Stimulus. ACS Symposium Series, 1994, , 98-110.	0.5	10
423	Controlled release of macromolecules from electrical and chemical stimuli-sensitive hydrogels. Makromolekulare Chemie Macromolecular Symposia, 1993, 70-71, 173-181.	0.6	10
424	Drug release from electric current sensitive polymers. Journal of Controlled Release, 1991, 17, 149-156.	9.9	111
425	Electrically erodible polymer gel for controlled release of drugs. Nature, 1991, 354, 291-293.	27.8	655
426	Polymer-bound benzoin ether photoinitiators.. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 1990, 3, 137-146.	0.3	7
427	Stimuli sensitive polymers for drug delivery systems. Makromolekulare Chemie Macromolecular Symposia, 1990, 33, 265-277.	0.6	34
428	A Photosensitive Polymer Having Benzoin Ether Side Chains: Poly(β -Methylolbenzoin Methyl Ether) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.3	28
429	Cancer Therapy: Polymeric Nanoparticles. , 0, , 1258-1284.		0
430	Improved survival rate and minimal side effects of doxorubicin for lung metastasis using engineered discoidal polymeric particles. Biomaterials Science, 0, , .	5.4	0