

Ick-Chan Kwon

List of Publications by Year in descending order

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Version: 2024-02-01

430
papers

36,591
citations

1981

104
h-index

5347

170
g-index

452
all docs

452
docs citations

452
times ranked

37623
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultraefficient extracellular vesicleâ€“guided direct reprogramming of fibroblasts into functional cardiomyocytes. <i>Science Advances</i> , 2022, 8, eabj6621.	4.7	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.	4.8	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.	4.8	15
4	Shortâ€“Term Cessation of Dabigatran Causes a Paradoxical Prothrombotic State. <i>Annals of Neurology</i> , 2021, 89, 444-458.	2.8	6
5	Intracellular Uptake Mechanism of Bioorthogonally Conjugated Nanoparticles on Metabolically Engineered Mesenchymal Stem Cells. <i>Bioconjugate Chemistry</i> , 2021, 32, 199-214.	1.8	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.	5.5	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.	7.3	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.	2.9	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.	5.7	20
10	Targeted delivery of anti-inflammatory cytokine by nanocarrier reduces atherosclerosis in Apo Eâˆ“/- mice. <i>Biomaterials</i> , 2020, 226, 119550.	5.7	79
11	Combination of KRAS gene silencing and PI3K inhibition for ovarian cancer treatment. <i>Journal of Controlled Release</i> , 2020, 318, 98-108.	4.8	27
12	Tumorâ€“Targeting Glycol Chitosan Nanoparticles for Cancer Heterogeneity. <i>Advanced Materials</i> , 2020, 32, e2002197.	11.1	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.	4.8	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.	2.0	37
15	Deep Tumor Penetration of Doxorubicin-Loaded Glycol Chitosan Nanoparticles Using High-Intensity Focused Ultrasound. <i>Pharmaceutics</i> , 2020, 12, 974.	2.0	15
16	Development of microRNA-21 mimic nanocarriers for the treatment of cutaneous wounds. <i>Theranostics</i> , 2020, 10, 3240-3253.	4.6	32
17	Effects of exercise training and detraining on atheromatous matrix metalloproteinase activity in mice. <i>Atherosclerosis</i> , 2020, 299, 15-23.	0.4	3
18	Xenogenization of tumor cells by fusogenic exosomes in tumor microenvironment ignites and propagates antitumor immunity. <i>Science Advances</i> , 2020, 6, .	4.7	36

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19	Versatile activatable vSIRP±-probe for cancer-targeted imaging and macrophage-mediated phagocytosis of cancer cells. <i>Journal of Controlled Release</i> , 2020, 323, 376-386.	4.8	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.	2.6	21
21	Tumor-targeting glycol chitosan nanocarriers: overcoming the challenges posed by chemotherapeutics. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 835-846.	2.4	6
22	Exosome-Guided Phenotypic Switch of M1 to M2 Macrophages for Cutaneous Wound Healing. <i>Advanced Science</i> , 2019, 6, 1900513.	5.6	276
23	Visible light-induced apoptosis activatable nanoparticles of photosensitizer-DEVD-anticancer drug conjugate for targeted cancer therapy. <i>Biomaterials</i> , 2019, 224, 119494.	5.7	48
24	Theranostic designs of biomaterials for precision medicine in cancer therapy. <i>Biomaterials</i> , 2019, 213, 119207.	5.7	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.	1.9	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.	2.9	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.	4.8	29
28	Rational Design of Inflammation-Responsive Inflatable Nanogels for Ultrasound Molecular Imaging. <i>Chemistry of Materials</i> , 2019, 31, 2905-2912.	3.2	17
29	Enhancing Systemic Delivery of Enzymatically Generated RNAi Nanocomplexes for Cancer Therapy. <i>Advanced Therapeutics</i> , 2019, 2, 1900014.	1.6	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.	5.7	19
31	Self-Assembly of siRNA/PEG-Cationer 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.	6.6	54
32	Alliance with EPR Effect: Combined Strategies to Improve the EPR Effect in the Tumor Microenvironment. <i>Theranostics</i> , 2019, 9, 8073-8090.	4.6	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.	4.8	113
34	PEG-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.	2.6	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.	4.8	31
36	Engineering nanoparticle strategies for effective cancer immunotherapy. <i>Biomaterials</i> , 2018, 178, 597-607.	5.7	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.	5.7	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.	4.8	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.	5.6	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.	4.6	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.	2.6	34
42	Combined Rho-kinase inhibition and immunogenic cell death triggers and propagates immunity against cancer. <i>Nature Communications</i> , 2018, 9, 2165.	5.8	80
43	Drug Delivery Research for the Future: Expanding the Nano Horizons and Beyond. <i>Journal of Controlled Release</i> , 2017, 246, 183-184.	4.8	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.	1.9	8
45	Polysaccharide-based Nanoparticles for Gene Delivery. <i>Topics in Current Chemistry</i> , 2017, 375, 31.	3.0	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.	4.8	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.	2.3	42
48	Quantitative Imaging of Cerebral Thromboemboli In Vivo. <i>Stroke</i> , 2017, 48, 1376-1385.	1.0	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.	4.8	20
50	In vivo stem cell tracking with imageable nanoparticles that bind bioorthogonal chemical receptors on the stem cell surface. <i>Biomaterials</i> , 2017, 139, 12-29.	5.7	62
51	Rolling circle transcription-based polymeric siRNA nanoparticles for tumor-targeted delivery. <i>Journal of Controlled Release</i> , 2017, 263, 29-38.	4.8	49
52	Dextran sulfate nanoparticles as a theranostic nanomedicine for rheumatoid arthritis. <i>Biomaterials</i> , 2017, 131, 15-26.	5.7	128
53	Molecular imaging based on metabolic glycoengineering and bioorthogonal click chemistry. <i>Biomaterials</i> , 2017, 132, 28-36.	5.7	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.	4.8	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.	7.3	84
56	Nano-sized metabolic precursors for heterogeneous tumor-targeting strategy using bioorthogonal click chemistry in vivo. <i>Biomaterials</i> , 2017, 148, 1-15.	5.7	51
57	Effects of tumor microenvironments on targeted delivery of glycol chitosan nanoparticles. <i>Journal of Controlled Release</i> , 2017, 267, 223-231.	4.8	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.	4.8	35
59	Caspase-3/-7-Specific Metabolic Precursor for Bioorthogonal Tracking of Tumor Apoptosis. <i>Scientific Reports</i> , 2017, 7, 16635.	1.6	44
60	Harnessing designed nanoparticles: Current strategies and future perspectives in cancer immunotherapy. <i>Nano Today</i> , 2017, 17, 23-37.	6.2	69
61	Inorganic Nanoparticles for Image-Guided Therapy. <i>Bioconjugate Chemistry</i> , 2017, 28, 124-134.	1.8	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.	0.7	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.	4.6	39
64	Dexamethasone-loaded Polymeric Nanoconstructs for Monitoring and Treating Inflammatory Bowel Disease. <i>Theranostics</i> , 2017, 7, 3653-3666.	4.6	47
65	Deep tissue penetration of nanoparticles using pulsed-high intensity focused ultrasound. <i>Nano Convergence</i> , 2017, 4, 30.	6.3	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.	4.6	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.	2.6	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.	3.3	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.	0.5	9
70	Targeted Nanotheranostics for Future Personalized Medicine: Recent Progress in Cancer Therapy. <i>Theranostics</i> , 2016, 6, 1362-1377.	4.6	170
71	Optical Imaging and Gene Therapy with Neuroblastoma-Targeting Polymeric Nanoparticles for Potential Theranostic Applications. <i>Small</i> , 2016, 12, 1201-1211.	5.2	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.	5.2	2

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73	Nanoprobes for optical bioimaging. <i>Optical Materials Express</i> , 2016, 6, 1262.	1.6	13
74	T1-Weighted MR imaging of liver tumor by gadolinium-encapsulated glycol chitosan nanoparticles without non-specific toxicity in normal tissues. <i>Nanoscale</i> , 2016, 8, 9736-9745.	2.8	23
75	Size-engineered biocompatible polymeric nanophotosensitizer for locoregional photodynamic therapy of cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 144, 303-310.	2.5	11
76	In vivo monitoring of angiogenesis in a mouse hindlimb ischemia model using fluorescent peptide-based probes. <i>Amino Acids</i> , 2016, 48, 1641-1654.	1.2	3
77	Chemical gas-generating nanoparticles for tumor-targeted ultrasound imaging and ultrasound-triggered drug delivery. <i>Biomaterials</i> , 2016, 108, 57-70.	5.7	64
78	Precise Targeting of Liver Tumor Using Glycol Chitosan Nanoparticles: Mechanisms, Key Factors, and Their Implications. <i>Molecular Pharmaceutics</i> , 2016, 13, 3700-3711.	2.3	30
79	Reducible Polyethylenimine Nanoparticles for Efficient siRNA Delivery in Corneal Neovascularization Therapy. <i>Macromolecular Bioscience</i> , 2016, 16, 1583-1597.	2.1	17
80	The multilayer nanoparticles for deep penetration of docetaxel into tumor parenchyma to overcome tumor microenvironment. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 146, 833-840.	2.5	9
81	Advances and hurdles to clinical translation of RNAi therapeutics. <i>Advanced Drug Delivery Reviews</i> , 2016, 104, 1.	6.6	6
82	Long-Circulating Au-TiO ₂ Nanocomposite as a Sonosensitizer for ROS-Mediated Eradication of Cancer. <i>Nano Letters</i> , 2016, 16, 6257-6264.	4.5	328
83	Predicting the in vivo accumulation of nanoparticles in tumor based on in vitro macrophage uptake and circulation in zebrafish. <i>Journal of Controlled Release</i> , 2016, 244, 205-213.	4.8	26
84	Engineered Human Ferritin Nanoparticles for Direct Delivery of Tumor Antigens to Lymph Node and Cancer Immunotherapy. <i>Scientific Reports</i> , 2016, 6, 35182.	1.6	60
85	Cathepsin-specific Metabolic Precursor for In Vivo Tumor-specific Fluorescence Imaging. <i>Angewandte Chemie</i> , 2016, 128, 14918-14923.	1.6	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. <i>Journal of Controlled Release</i> , 2016, 243, 182-194.	4.8	21
87	ROS-generating TiO ₂ nanoparticles for non-invasive sonodynamic therapy of cancer. <i>Scientific Reports</i> , 2016, 6, 23200.	1.6	251
88	Cathepsin-specific Metabolic Precursor for In Vivo Tumor-specific Fluorescence Imaging. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14698-14703.	7.2	81
89	Combined Near-infrared Fluorescent Imaging and Micro-computed Tomography for Directly Visualizing Cerebral Thromboemboli. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	4
90	Delivery strategies and potential targets for siRNA in major cancer types. <i>Advanced Drug Delivery Reviews</i> , 2016, 104, 2-15.	6.6	100

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91	Doxorubicin/heparin composite nanoparticles for caspase-activated prodrug chemotherapy. <i>Biomaterials</i> , 2016, 101, 131-142.	5.7	39
92	Chemotherapeutic copolymers prepared via the RAFT polymerization of prodrug monomers. <i>Polymer Chemistry</i> , 2016, 7, 4494-4505.	1.9	19
93	Development of highly efficient nanocarrier-mediated delivery approaches for cancer therapy. <i>Cancer Letters</i> , 2016, 374, 31-43.	3.2	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.	4.8	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.	1.8	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.	2.9	44
97	Theranostic gas-generating nanoparticles for targeted ultrasound imaging and treatment of neuroblastoma. <i>Journal of Controlled Release</i> , 2016, 223, 197-206.	4.8	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.	2.1	8
99	Direct Imaging of Cerebral Thromboemboli Using Computed Tomography and Fibrin-targeted Gold Nanoparticles. <i>Theranostics</i> , 2015, 5, 1098-1114.	4.6	101
100	Echogenic Glycol Chitosan Nanoparticles for Ultrasound-Triggered Cancer Theranostics. <i>Theranostics</i> , 2015, 5, 1402-1418.	4.6	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.	7.3	231
102	Engineered Proteinticles for Targeted Delivery of siRNA to Cancer Cells. <i>Advanced Functional Materials</i> , 2015, 25, 1279-1286.	7.8	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.	5.8	85
104	Direct Observation of Interactions of Silk-Elastinlike Protein Polymer with Adenoviruses and Elastase. <i>Molecular Pharmaceutics</i> , 2015, 12, 1673-1679.	2.3	5
105	Directed molecular assembly into a biocompatible photosensitizing nanocomplex for locoregional photodynamic therapy. <i>Journal of Controlled Release</i> , 2015, 209, 12-19.	4.8	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.	4.8	27
107	Hyaluronic acid nanoparticles for active targeting atherosclerosis. <i>Biomaterials</i> , 2015, 53, 341-348.	5.7	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.	4.8	76

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109	Biolighted Nanotorch Capable of Systemic Self-Delivery and Diagnostic Imaging. ACS Nano, 2015, 9, 9906-9911.	7.3	36
110	Notch1 targeting siRNA delivery nanoparticles for rheumatoid arthritis therapy. Journal of Controlled Release, 2015, 216, 140-148.	4.8	88
111	Induced Phenotype Targeted Therapy: Radiation-Induced Apoptosis-Targeted Chemotherapy. Journal of the National Cancer Institute, 2015, 107, .	3.0	55
112	A polymeric conjugate foreignizing tumor cells for targeted immunotherapy in vivo. Journal of Controlled Release, 2015, 199, 98-105.	4.8	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.	4.8	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.	2.9	6
115	Design of a Multicomponent Peptide-Woven Nanocomplex for Delivery of siRNA. PLoS ONE, 2015, 10, e0118310.	1.1	7
116	Molecular Imaging and Targeted Drug Delivery Using Albumin-Based Nanoparticles. Current Pharmaceutical Design, 2015, 21, 1889-1898.	0.9	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.	3.3	5
118	Cell Labeling and Tracking Method without Distorted Signals by Phagocytosis of Macrophages. Theranostics, 2014, 4, 420-431.	4.6	57
119	Tumor-targeting glycol chitosan nanoparticles as a platform delivery carrier in cancer diagnosis and therapy. Nanomedicine, 2014, 9, 1697-1713.	1.7	47
120	Nanocarriers: Bioreducible Carboxymethyl Dextran Nanoparticles for Tumor-Targeted Drug Delivery (Adv. Healthcare Mater. 11/2014). Advanced Healthcare Materials, 2014, 3, 1828-1828.	3.9	0
121	Molecular imaging in the aid of drug delivery technology. Macromolecular Research, 2014, 22, 926-931.	1.0	4
122	Theranostic applications of organic nanoparticles for cancer treatment. MRS Bulletin, 2014, 39, 239-249.	1.7	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.	1.0	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.	1.4	13
126	Non-invasive optical imaging of cathepsin B with activatable fluorogenic nanoprobe in various metastatic models. Biomaterials, 2014, 35, 2302-2311.	5.7	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.	1.7	108
128	Hypoxia-responsive polymeric nanoparticles for tumor-targeted drug delivery. <i>Biomaterials</i> , 2014, 35, 1735-1743.	5.7	296
129	Chemical Tumor-Targeting of Nanoparticles Based on Metabolic Glycoengineering and Click Chemistry. <i>ACS Nano</i> , 2014, 8, 2048-2063.	7.3	167
130	Dextran sulfate-coated superparamagnetic iron oxide nanoparticles as a contrast agent for atherosclerosis imaging. <i>Carbohydrate Polymers</i> , 2014, 101, 1225-1233.	5.1	75
131	DNA Amplification in Neutral Liposomes for Safe and Efficient Gene Delivery. <i>ACS Nano</i> , 2014, 8, 4257-4267.	7.3	32
132	Hyaluronic acid derivative-coated nanohybrid liposomes for cancer imaging and drug delivery. <i>Journal of Controlled Release</i> , 2014, 174, 98-108.	4.8	190
133	Theranostic nanomaterials for image-guided gene therapy. <i>MRS Bulletin</i> , 2014, 39, 44-50.	1.7	4
134	Oligomeric bile acid-mediated oral delivery of low molecular weight heparin. <i>Journal of Controlled Release</i> , 2014, 175, 17-24.	4.8	50
135	Adipose tissue: A valuable resource of biomaterials for soft tissue engineering. <i>Macromolecular Research</i> , 2014, 22, 932-947.	1.0	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.	2.3	12
137	Echogenic nanoparticles for ultrasound technologies: Evolution from diagnostic imaging modality to multimodal theranostic agent. <i>Nano Today</i> , 2014, 9, 525-540.	6.2	60
138	Bioreducible Carboxymethyl Dextran Nanoparticles for Tumor-Targeted Drug Delivery. <i>Advanced Healthcare Materials</i> , 2014, 3, 1829-1838.	3.9	91
139	Tumor-Targeting Multifunctional Nanoparticles for siRNA Delivery: Recent Advances in Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2014, 3, 1182-1193.	3.9	65
140	TNF- α Gene Silencing Using Polymerized siRNA/Thiolated Glycol Chitosan Nanoparticles for Rheumatoid Arthritis. <i>Molecular Therapy</i> , 2014, 22, 397-408.	3.7	125
141	Fluorescent Dye Labeled Iron Oxide/Silica Core/Shell Nanoparticle as a Multimodal Imaging Probe. <i>Pharmaceutical Research</i> , 2014, 31, 3371-3378.	1.7	32
142	Proteinticle/Gold Core/Shell Nanoparticles for Targeted Cancer Therapy without Nanotoxicity. <i>Advanced Materials</i> , 2014, 26, 6436-6441.	11.1	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.	2.5	27
144	Engineered protein nanoparticles for in vivo tumor detection. <i>Biomaterials</i> , 2014, 35, 6422-6429.	5.7	26

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145	Complex adaptive therapeutic strategy (CATS) for cancer. <i>Journal of Controlled Release</i> , 2014, 175, 43-47.	4.8	19
146	Theranostic nanoparticles for future personalized medicine. <i>Journal of Controlled Release</i> , 2014, 190, 477-484.	4.8	179
147	Prevention effect of orally active heparin conjugate on cancer-associated thrombosis. <i>Journal of Controlled Release</i> , 2014, 195, 155-161.	4.8	8
148	Self-assembled glycol chitosan nanoparticles for disease-specific theranostics. <i>Journal of Controlled Release</i> , 2014, 193, 202-213.	4.8	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.	6.0	110
150	Functional transformations of bile acid transporters induced by high-affinity macromolecules. <i>Scientific Reports</i> , 2014, 4, 4163.	1.6	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.	1.6	118
152	Ischemic brain imaging using fluorescent gold nanoprobe sensitive to reactive oxygen species. <i>Journal of Controlled Release</i> , 2013, 170, 352-357.	4.8	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.	11.1	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.	5.7	114
155	Gadolinium-coordinated elastic nanogels for in vivo tumor targeting and imaging. <i>Biomaterials</i> , 2013, 34, 6846-6852.	5.7	64
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