In-Kyu Park

List of Publications by Year
in descending order

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202	8,064	38742	66911
papers	citations	50 h-index	78 g-index

207	207	207	11747
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Highly Optimized Iron Oxide Embedded Poly(Lactic Acid) Nanocomposites for Effective Magnetic Hyperthermia and Biosecurity. International Journal of Nanomedicine, 2022, Volume 17, 31-44.	6.7	8
2	Lipidâ€“polymer hybrid nanoparticles as a smart drug delivery platform. , 2022, , 319-349.		3
3	Hyaluronan-coated Prussian blue nanoparticles relieve LPS-induced peritonitis by suppressing oxidative species generation in tissue-resident macrophages. Biomaterials Science, 2022, 10, 1248-1256.	5.4	16
4	Tumor intracellular microenvironment-responsive nanoparticles for magnetically targeted chemotherapy. Journal of Industrial and Engineering Chemistry, 2022, 111, 121-128.	5.8	7
5	Inflammation-sensing catalase-mimicking nanozymes alleviate acute kidney injury via reversing local oxidative stress. Journal of Nanobiotechnology, 2022, 20, 205.	9.1	21
6	A Review of Different Vaccines and Strategies to Combat COVID-19. Vaccines, 2022, 10, 737.	4.4	8
7	In vitro photodynamic therapy of methylene blue-loaded acetyl resistant starch nanoparticles. Biomaterials Research, 2022, 26, .	6.9	4
8	Aggregation-induced emission-active hyperbranched polymer-based nanoparticles and their biological imaging applications. Dyes and Pigments, 2021, 186, 108975.	3.7	17
9	Tumor Microenvironment-Regulating Immunosenescence-Independent Nanostimulant Synergizing with Near-Infrared Light Irradiation for Antitumor Immunity. ACS Applied Materials & Interfaces, 2021, 13, 4844-4852.	8.0	18
10	Current Limitations and Recent Progress in Nanomedicine for Clinically Available Photodynamic Therapy. Biomedicines, 2021, 9, 85.	3.2	52
11	A combination of immunoadjuvant nanocomplexes and dendritic cell vaccines in the presence of immune checkpoint blockade for effective cancer immunotherapy. Cellular and Molecular Immunology, 2021, 18, 1599-1601.	10.5	6
12	Glycol chitosan-based tacrolimus-loaded nanomicelle therapy ameliorates lupus nephritis. Journal of Nanobiotechnology, 2021, 19, 109.	9.1	10
13	Kidney-accumulating olmesartan-loaded nanomicelles ameliorate the organ damage in a murine model of Alport syndrome. International Journal of Pharmaceutics, 2021, 600, 120497.	5.2	5
14	Drug-dye-apoptosis inducing micelles for enhancing host immunity against advanced metastatic breast cancer by the combination of low dose chemotherapy and photothermal therapy. Journal of Industrial and Engineering Chemistry, 2021, 97, 476-484.	5.8	9
15	Degradable pH-responsive polymer prodrug micelles with aggregation-induced emission for cellular imaging and cancer therapy. Reactive and Functional Polymers, 2021, 166, 104966.	4.1	15
16	Heatâ€Confined Tumorâ€Docking Reversible Thermogel Potentiates Systemic Antitumor Immune Response During Nearâ€Infrared Photothermal Ablation in Tripleâ€Negative Breast Cancer. Advanced Healthcare Materials, 2021, 10, e2100907.	7.6	19
17	Two-tailed tadpole-shaped synthetic polymer polypeptide bioconjugate nanomicelles for enhanced chemo-photothermal therapy. Polymer, 2021, 230, 124061.	3.8	3
18	Metallic Nanoparticle-Mediated Immune Cell Regulation and Advanced Cancer Immunotherapy. Pharmaceutics, 2021, 13, 1867.	4.5	20

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19	Vimentin Targeted Nano-gene Carrier for Treatment of Renal Diseases. Journal of Korean Medical Science, 2021, 36, e333.	2.5	1
20	Long circulating photoactivable nanomicelles with tumor localized activation and ROS triggered self-accelerating drug release for enhanced locoregional chemo-photodynamic therapy. Biomaterials, 2020, 232, 119702.	11.4	63
21	Utilization of Polymer-Lipid Hybrid Nanoparticles for Targeted Anti-Cancer Therapy. Molecules, 2020, 25, 4377.	3.8	72
22	The Biological Function and Therapeutic Potential of Exosomes in Cancer: Exosomes as Efficient Nanocommunicators for Cancer Therapy. International Journal of Molecular Sciences, 2020, 21, 7363.	4.1	17
23	Combination of Photodynamic Therapy and a Flagellin-Adjuvanted Cancer Vaccine Potentiated the Anti-PD-1-Mediated Melanoma Suppression. Cells, 2020, 9, 2432.	4.1	34
24	Intercellular Bioimaging and Biodistribution of Gold Nanoparticle-Loaded Macrophages for Targeted Drug Delivery. Electronics (Switzerland), 2020, 9, 1105.	3.1	11
25	Multistimuli-Responsive Polymeric Vesicles for Accelerated Drug Release in Chemo-photothermal Therapy. ACS Biomaterials Science and Engineering, 2020, 6, 5012-5023.	5.2	20
26	Intravitreal Injection of Liposomes Loaded with a Histone Deacetylase Inhibitor Promotes Retinal Ganglion Cell Survival in a Mouse Model of Optic Nerve Crush. International Journal of Molecular Sciences, 2020, 21, 9297.	4.1	10
27	Photoâ€•and pHâ€Responsive Polycarbonate Block Copolymer Prodrug Nanomicelles for Controlled Release of Doxorubicin. Macromolecular Bioscience, 2020, 20, e2000118.	4.1	22
28	Self-Quenched Polysaccharide Nanoparticles with a Reactive Oxygen Species-Sensitive Cascade for Enhanced Photodynamic Therapy. ACS Applied Materials & Interfaces, 2020, 12, 28004-28013.	8.0	29
29	Bioactivatable reactive oxygen species-sensitive nanoparticulate system for chemo-photodynamic therapy. Acta Biomaterialia, 2020, 108, 273-284.	8.3	45
30	Biomimetic Gold Nanoshell-Loaded Macrophage for Photothermal Biomedicine. BioMed Research International, 2020, 2020, 1-14.	1.9	13
31	Crosstalk between Stress Granules, Exosomes, Tumour Antigens, and Immune Cells: Significance for Cancer Immunity. Vaccines, 2020, 8, 172.	4.4	10
32	External and Internal Stimuli-Responsive Metallic Nanotherapeutics for Enhanced Anticancer Therapy. Frontiers in Molecular Biosciences, 2020, 7, 597634.	3.5	43
33	Glycol chitosan-based renal docking biopolymeric nanomicelles for site-specific delivery of the immunosuppressant. Carbohydrate Polymers, 2020, 241, 116255.	10.2	16
34	Abstract 6236: Mil protein-shelled gold nanoparticle to treat glioblastoma multiform. , 2020, , .		0
35	Polyethylene Glycol Nanoparticles as Promising Tools for Anticancer Therapeutics. , 2019, , 205-231.		20
36	Recent Advances in Nanovaccines Using Biomimetic Immunomodulatory Materials. Pharmaceutics, 2019, 11, 534.	4.5	74

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37	Anti-Inflammatory Effects of Canavalia gladiata in Macrophage Cells and DSS-Induced Colitis Mouse Model. The American Journal of Chinese Medicine, 2019, 47, 1571-1588.	3.8	6
38	Multimodal Composite Iron Oxide Nanoparticles for Biomedical Applications. Tissue Engineering and Regenerative Medicine, 2019, 16, 451-465.	3.7	30
39	â€œNavigate-dock-activateâ€•anti-tumor strategy: Tumor micromilieu charge-switchable, hierarchically activated nanoplatform with ultrarapid tumor-tropic accumulation for trackable photothermal/chemotherapy. Theranostics, 2019, 9, 2505-2525.	10.0	25
40	In Situ Oxygenic Nanopods Targeting Tumor Adaption to Hypoxia Potentiate Image-Guided Photothermal Therapy. ACS Applied Materials & Interfaces, 2019, 11, 19782-19792.	8.0	31
41	Selfâ€emulsion polymerization of amphiphilic monomersâ€”a green route to synthesis of polymeric nanoscaffolds. Journal of Polymer Science Part A, 2019, 57, 1165-1172.	2.3	5
42	Design of an Amphiphilic Poly(aspartamide)-mediated Self-assembled Nanoconstruct for Long-Term Tumor Targeting and Bioimaging. Molecules, 2019, 24, 885.	3.8	5
43	Olive Oilâ€Based Ultrafine Theranostic Photo Nanoemulsions: A Versatile Tumor Maneuvering Nanoplatform for Precise Controlled Drug Release in Tumor and Complete Tumor Eradication Mediated by Photoâ€Chemotherapy. Advanced Therapeutics, 2019, 2, 1800154.	3.2	8
44	Hyaluronan-Stabilized Redox-Sensitive Nanoassembly for Chemo-Gene Therapy and Dual T1/T2 MR Imaging in Drug-Resistant Breast Cancer Cells. Molecular Pharmaceutics, 2019, 16, 2226-2234.	4.6	21
45	Long-term oncologic after robotic versus laparoscopic right colectomy: a prospective randomized study. Surgical Endoscopy and Other Interventional Techniques, 2019, 33, 2975-2981.	2.4	78
46	On-demand generation of heat and free radicals for dual cancer therapy using thermal initiator- and gold nanorod-embedded PLGA nanocomplexes. Journal of Industrial and Engineering Chemistry, 2019, 69, 405-413.	5.8	13
47	Role of Immunosuppressive Microenvironment in Acquiring Immunotolerance Post-Photothermal Therapy. Journal of Korean Medical Science, 2019, 34, e272.	2.5	8
48	Dual-stimuli-responsive albumin-polyplex nanoassembly for spatially controlled gene release in metastatic breast cancer. Journal of Controlled Release, 2018, 276, 72-83.	9.9	23
49	Nanoparticle-Based Phototriggered Cancer Immunotherapy and Its Domino Effect in the Tumor Microenvironment. Biomacromolecules, 2018, 19, 1869-1887.	5.4	64
50	MHI-148 Cyanine Dye Conjugated Chitosan Nanomicelle with NIR Light-Trigger Release Property as Cancer Targeting Theranostic Agent. Molecular Imaging and Biology, 2018, 20, 533-543.	2.6	23
51	White-Light-Emitting Carbon Nano-Onions: A Tunable Multichannel Fluorescent Nanoprobe for Glutathione-Responsive Bioimaging. ACS Applied Nano Materials, 2018, 1, 662-674.	5.0	28
52	CD44 targeting biocompatible and biodegradable hyaluronic acid cross-linked zein nanogels for curcumin delivery to cancer cells: In vitro and in vivo evaluation. Journal of Controlled Release, 2018, 280, 20-30.	9.9	104
53	Programmed â€˜triple-modeâ€™ anti-tumor therapy: Improving peritoneal retention, tumor penetration and activatable drug release properties for effective inhibition of peritoneal carcinomatosis. Biomaterials, 2018, 169, 45-60.	11.4	15
54	In-direct localized surface plasmon resonance (LSPR)-based nanosensors for highly sensitive and rapid detection of cortisol. Sensors and Actuators B: Chemical, 2018, 266, 710-716.	7.8	31

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55	Chitosan-based particulate systems for the delivery of mucosal vaccines against infectious diseases. International Journal of Biological Macromolecules, 2018, 110, 54-64.	7.5	65
56	Green synthesis of bioactive polysaccharide-capped gold nanoparticles for lymph node CT imaging. Carbohydrate Polymers, 2018, 181, 27-33.	10.2	40
57	IR 780-loaded hyaluronic acid micelles for enhanced tumor-targeted photothermal therapy. Carbohydrate Polymers, 2018, 181, 1-9.	10.2	37
58	A targeted graphene nanoplatform carrying histamine dihydrochloride for effective inhibition of leukemia-induced immunosuppression. Journal of Biomaterials Science, Polymer Edition, 2018, 29, 734-749.	3.5	6
59	Injectable hydrogels for delivering biotherapeutic molecules. International Journal of Biological Macromolecules, 2018, 110, 17-29.	7.5	170
60	Microwaveâ€Assisted Synthesis of Biocompatible Silk Fibroinâ€Based Carbon Quantum Dots. Particle and Particle Systems Characterization, 2018, 35, 1700300.	2.3	23
61	Cell Membrane Coated Nanoparticles: An Emerging Biomimetic Nanoplatform for Targeted Bioimaging and Therapy. Advances in Experimental Medicine and Biology, 2018, 1064, 45-59.	1.6	42
62	Self-Assembled, Adjuvant/Antigen-Based Nanovaccine Mediates Anti-Tumor Immune Response against Melanoma Tumor. Polymers, 2018, 10, 1063.	4.5	14
63	Peroxidase-Mimicking Nanoassembly Mitigates Lipopolysaccharide-Induced Endotoxemia and Cognitive Damage in the Brain by Impeding Inflammatory Signaling in Macrophages. Nano Letters, 2018, 18, 6417-6426.	9.1	57
64	Biopolymeric In Situ Hydrogels for Tissue Engineering and Bioimaging Applications. Tissue Engineering and Regenerative Medicine, 2018, 15, 575-590.	3.7	35
65	Injectable Biomaterials in Plastic and Reconstructive Surgery: A Review of the Current Status. Tissue Engineering and Regenerative Medicine, 2018, 15, 559-574.	3.7	22
66	Cell Membrane-Camouflaged Nanoparticles: A Promising Biomimetic Strategy for Cancer Theragnostics. Polymers, 2018, 10, 983.	4.5	110
67	Tumor microenvironment-responsive nanoparticles for cancer theragnostic applications. Biomaterials Research, 2018, 22, 22.	6.9	135
68	A Lipophilic IR-780 Dye-Encapsulated Zwitterionic Polymer-Lipid Micellar Nanoparticle for Enhanced Photothermal Therapy and NIR-Based Fluorescence Imaging in a Cervical Tumor Mouse Model. International Journal of Molecular Sciences, 2018, 19, 1189.	4.1	26
69	Magnetic field-inducible drug-eluting nanoparticles for image-guided thermo-chemotherapy. Biomaterials, 2018, 180, 240-252.	11.4	82
70	Abstract 5930: Oral siRNA delivery for colorectal liver metastases cancer therapy. , 2018, , .		0
71	Bioreducible branched poly(modified nona-arginine) cell-penetrating peptide as a novel gene delivery platform. Journal of Controlled Release, 2017, 246, 142-154.	9.9	60
72	Biomimetic pH/redox dual stimuliâ€responsive zwitterionic polymer block poly(_Lâ€histidine) micelles for intracellular delivery of doxorubicin into tumor cells. Journal of Polymer Science Part A, 2017, 55, 2061-2070.	2.3	32

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73	pH/redox dual stimuli-responsive sheddable nanodaisies for efficient intracellular tumour-triggered drug delivery. Journal of Materials Chemistry B, 2017, 5, 5027-5036.	5.8	35
74	Near-Infrared Heptamethine Cyanine Based Iron Oxide Nanoparticles for Tumor Targeted Multimodal Imaging and Photothermal Therapy. Scientific Reports, 2017, 7, 2108.	3.3	41
75	Oral siRNA Delivery to Treat Colorectal Liver Metastases. ACS Nano, 2017, 11, 10417-10429.	14.6	62
76	Direct immune-detection of cortisol by chemiresistor graphene oxide sensor. Biosensors and Bioelectronics, 2017, 98, 473-477.	10.1	60
77	Interleukin-4 receptor-targeted delivery of Bcl-xL siRNA sensitizes tumors to chemotherapy and inhibits tumor growth. Biomaterials, 2017, 142, 101-111.	11.4	30
78	Glutathione and endosomal pH-responsive hybrid vesicles fabricated by zwitterionic polymer block poly(l -aspartic acid) as a smart anticancer delivery platform. Reactive and Functional Polymers, 2017, 119, 47-56.	4.1	23
79	SPION loaded poly(L-lysine)/hyaluronic acid micelles as MR contrast agent and gene delivery vehicle for cancer theranostics. Macromolecular Research, 2017, 25, 446-451.	2.4	18
80	Drug- and Gene-eluting Stents for Preventing Coronary Restenosis. Chonnam Medical Journal, 2017, 53, 14.	0.9	24
81	Trigger-Responsive Gene Transporters for Anticancer Therapy. Nanomaterials, 2017, 7, 120.	4.1	15
82	Stimuli-Regulated Smart Polymeric Systems for Gene Therapy. Polymers, 2017, 9, 152.	4.5	28
83	In vivo evaluation of cetuximab-conjugated poly(γ-glutamic acid)-docetaxel nanomedicines in EGFR-overexpressing gastric cancer xenografts. International Journal of Nanomedicine, 2017, Volume 12, 7165-7182.	6.7	20
84	Fabrication and development of magnetic particles for gene therapy. , 2016, , 215-230.		5
85	Activated dendritic cells delivered in tissue compatible biomatrices induce in-situ anti-tumor CTL responses leading to tumor regression. Oncotarget, 2016, 7, 39894-39906.	1.8	32
86	Theranostics. , 2016, , 197-215.		16
87	Evaluation of Anti-Inflammatory Potential of the New Ganghwaljetongyeum on Adjuvant-Induced Inflammatory Arthritis in Rats. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-10.	1.2	21
88	Novel Fabrication of MicroRNA Nanoparticle-Coated Coronary Stent for Prevention of Post-Angioplasty Restenosis. Korean Circulation Journal, 2016, 46, 23.	1.9	15
89	Multifunctional Inorganic Nanoparticles: Recent Progress in Thermal Therapy and Imaging. Nanomaterials, 2016, 6, 76.	4.1	96
90	Therapeutic Effect of Akt1 siRNA Nanoparticle Eluting Coronary Stent on Suppression of Post-Angioplasty Restenosis. Journal of Biomedical Nanotechnology, 2016, 12, 1211-1222.	1.1	15

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91	Preparation of Engineered Salmonella Typhimuriumâ€Driven Hyaluronicâ€Acidâ€Based Microbeads with Both Chemotactic and Biological Targeting Towards Breast Cancer Cells for Enhanced Anticancer Therapy. Advanced Healthcare Materials, 2016, 5, 288-295.	7.6	31
92	Preparation of ultra-thin hexagonal boron nitride nanoplates for cancer cell imaging and neurotransmitter sensing. Chemical Communications, 2016, 52, 6146-6149.	4.1	32
93	Tumor homing indocyanine green encapsulated micelles for near infrared and photoacoustic imaging of tumors. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2016, 104, 825-834.	3.4	18
94	Breast Tumor Targetable Fe₃O₄ Embedded Thermo-Responsive Nanoparticles for Radiofrequency Assisted Drug Delivery. Journal of Biomedical Nanotechnology, 2016, 12, 43-55.	1.1	35
95	Flagellin is a strong vaginal adjuvant of a therapeutic vaccine for genital cancer. OncoImmunology, 2016, 5, e1081328.	4.6	29
96	Abstract 4219: Surface-displayed RGD enhanced the targeting and therapeutic efficacy of attenuated Salmonella typhimurium. , 2016, , .		0
97	<I>In Vitro</I> and <I>In Vivo</I> Evaluation of Pectin/Copper Exchanged Faujasite Composite Membranes. Journal of Biomedical Nanotechnology, 2015, 11, 1550-1567.	1.1	10
98	Biomedical Applications of Magnetically Functionalized Organic/Inorganic Hybrid Nanofibers. International Journal of Molecular Sciences, 2015, 16, 13661-13677.	4.1	42
99	Branched Polyethylenimine-Superparamagnetic Iron Oxide Nanoparticles (bPEI-SPIONs) Improve the Immunogenicity of Tumor Antigens and Enhance Th1 Polarization of Dendritic Cells. Journal of Immunology Research, 2015, 2015, 1-9.	2.2	33
100	Polysaccharide-Coated Magnetic Nanoparticles for Imaging and Gene Therapy. BioMed Research International, 2015, 2015, 1-14.	1.9	88
101	Di-Sulfide Linked Polyethylenimine Coated Gold Nanoparticles as a Non-Viral Gene Delivery Agent in NIH-3T3 Mouse Embryonic Fibroblast. Journal of Nanoscience and Nanotechnology, 2015, 15, 7895-7899.	0.9	4
102	Simultaneous Drug and Gene Delivery from the Biodegradable Poly(Îµ-caprolactone) Nanofibers for the Treatment of Liver Cancer. Journal of Nanoscience and Nanotechnology, 2015, 15, 7971-7975.	0.9	39
103	Anti-cancer, pharmacokinetics and tumor localization studies of pH-, RF- and thermo-responsive nanoparticles. International Journal of Biological Macromolecules, 2015, 74, 249-262.	7.5	36
104	Formulation of glutathione responsive anti-proliferative nanoparticles from thiolated Akt1 siRNA and disulfide-crosslinked PEI for efficient anti-cancer gene therapy. Colloids and Surfaces B: Biointerfaces, 2015, 126, 322-327.	5.0	24
105	Hyaluronic acid conjugated superparamagnetic iron oxide nanoparticle for cancer diagnosis and hyperthermia therapy. Carbohydrate Polymers, 2015, 131, 439-446.	10.2	73
106	Natural Polymer/Inorganic Material Based Hybrid Scaffolds for Skin Wound Healing. Polymer Reviews, 2015, 55, 453-490.	10.9	65
107	Folic-acid-conjugated pullulan/poly(DL-lactide-co-glycolide) graft copolymer nanoparticles for folate-receptor-mediated drug delivery. Nanoscale Research Letters, 2015, 10, 43.	5.7	42
108	Poly(PEGA)-b-poly(<scp>l</scp>-lysine)-b-poly(<scp>l</scp>-histidine) Hybrid Vesicles for Tumoral pH-Triggered Intracellular Delivery of Doxorubicin Hydrochloride. ACS Applied Materials & Interfaces, 2015, 7, 21770-21779.	8.0	66

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109	Nano-Aggregates of Doxorubicin-Conjugated Methoxy Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 Td (glycol)-&t;l Nanotechnology, 2015, 15, 5566-5570.	0.9	2
110	Biodegradable poly(ethylene glycol) methyl ether acrylate- b -poly(l -lysine)- b -poly(l -histidine) triblock copolypeptides for non-viral gene delivery. Journal of Controlled Release, 2015, 213, e93-e94.	9.9	0
111	Effect of chitosan coating on a bacteriaâ€based alginate microrobot. Biotechnology and Bioengineering, 2015, 112, 769-776.	3.3	33
112	MicroRNA delivery with osmotic polysorbitol-based transporter suppresses breast cancer cell proliferation. International Journal of Biological Macromolecules, 2015, 72, 1237-1243.	7.5	12
113	Mucoadhesive Chitosan Derivatives as Novel Drug Carriers. Current Pharmaceutical Design, 2015, 21, 4285-4309.	1.9	58
114	Abstract 2304: The role of methyltransferase, enhancer of zeste homolog 2 (EZH2) in mouse hepatocyte and human hepatocellular carcinoma. , 2015, , .		0
115	Nano for Biomimetics and Biomaterials. Journal of Nanomaterials, 2014, 2014, 1-1.	2.7	0
116	PMA Induces Vaccine Adjuvant Activity by the Modulation of TLR Signaling Pathway. Mediators of Inflammation, 2014, 2014, 1-8.	3.0	7
117	Carbohydrate-Based Nanogels as Drug and Gene Delivery Systems. Journal of Nanoscience and Nanotechnology, 2014, 14, 694-704.	0.9	32
118	Chemical Modification of Chitosan with pH-Sensitive Molecules and Specific Ligands for Efficient DNA Transfection and siRNA Silencing. Journal of Nanoscience and Nanotechnology, 2014, 14, 564-576.	0.9	24
119	Substrate-Mediated Delivery of MicroRNA-145 Through a Polysorbitol-Based Osmotically Active Transporter Suppresses Smooth Muscle Cell Proliferation: Implications for Restenosis Treatment. Journal of Biomedical Nanotechnology, 2014, 10, 571-579.	1.1	21
120	Antibacterial and wound healing analysis of gelatin/zeolite scaffolds. Colloids and Surfaces B: Biointerfaces, 2014, 115, 244-252.	5.0	70
121	Poly(2-Hydroxyethyl Methacrylate)-b-Poly(<scp>L</scp>-Lysine) Cationic Hybrid Materials for Non-Viral Gene Delivery in NIH 3T3 Mouse Embryonic Fibroblasts. Macromolecular Bioscience, 2014, 14, 1239-1248.	4.1	13
122	Intracellular delivery and activation of the genetically encoded photosensitizer Killer Red by quantum dots encapsulated in polymeric micelles. Colloids and Surfaces B: Biointerfaces, 2014, 116, 284-294.	5.0	14
123	N-acetylglucosamine-conjugated block copolymer consisting of poly(ethylene oxide) and cationic polyaspartamide as a gene carrier for targeting vimentin-expressing cells. European Journal of Pharmaceutical Sciences, 2014, 51, 165-172.	4.0	3
124	Selective transfection with osmotically active sorbitol modified PEI nanoparticles for enhanced anti-cancer gene therapy. Colloids and Surfaces B: Biointerfaces, 2014, 119, 126-136.	5.0	16
125	Wound healing analysis of pectin/carboxymethyl cellulose/microfibrillated cellulose based composite scaffolds. Materials Letters, 2014, 132, 34-37.	2.6	35
126	Branched Polyethylenimine-Superparamagnetic Iron Oxide Nanoparticles (bPEI-SPIONs) Improve Immunogenicity of Myeloma Tumor Antigen to Enhance Th1 Polarization of Dendritic Cells. Blood, 2014, 124, 5763-5763.	1.4	0

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127	Targeted delivery of microRNA-145 to metastatic breast cancer by peptide conjugated branched PEI gene carrier. Macromolecular Research, 2013, 21, 1201-1209.	2.4	17
128	Mannose-poly(ethylene glycol)-linked SPION targeted to antigen presenting cells for magnetic resonance imaging on lymph node. Carbohydrate Polymers, 2013, 92, 1586-1595.	10.2	21
129	Nanoparticle-mediated delivery of therapeutic genes: focus on miRNA therapeutics. Expert Opinion on Drug Delivery, 2013, 10, 1259-1273.	5.0	82
130	MR Detection of LPS-Induced Neutrophil Activation using Mannan-Coated Superparamagnetic Iron Oxide Nanoparticles. Molecular Imaging and Biology, 2013, 15, 685-692.	2.6	2
131	Pectin/carboxymethyl cellulose/microfibrillated cellulose composite scaffolds for tissue engineering. Carbohydrate Polymers, 2013, 98, 877-885.	10.2	212
132	Faujasites Incorporated Tissue Engineering Scaffolds for Wound Healing: In Vitro and In Vivo Analysis. ACS Applied Materials & Interfaces, 2013, 5, 11194-11206.	8.0	67
133	Electroactive bio-composite actuators based on cellulose acetate nanofibers with specially chopped polyaniline nanoparticles through electrospinning. Composites Science and Technology, 2013, 87, 135-141.	7.8	55
134	Magnetic Iron Oxide Nanoparticles for Multimodal Imaging and Therapy of Cancer. International Journal of Molecular Sciences, 2013, 14, 15910-15930.	4.1	223
135	Design and development of biodegradable bacterial-based microrobot for anti-tumour therapy. , 2013, , .		1
136	Surface modification of iron oxide nanoparticles by biocompatible polymers for tissue imaging and targeting. Biotechnology Advances, 2013, 31, 1224-1236.	11.7	168
137	Docetaxel-loaded thermoresponsive conjugated linoleic acid-incorporated poloxamer hydrogel for the suppression of peritoneal metastasis of gastric cancer. Biomaterials, 2013, 34, 1433-1441.	11.4	62
138	Surface Tunable Polymersomes Loaded with Magnetic Contrast Agent and Drug for Image Guided Cancer Therapy. Journal of Nanoscience and Nanotechnology, 2013, 13, 1626-1630.	0.9	9
139	Organic memory device with self-assembly monolayered aptamer conjugated nanoparticles. Applied Physics Letters, 2013, 103, .	3.3	10
140	Abstract 4344: Intraperitoneal administration of docetaxel loaded in thermo-responsive conjugated linoleic acid-incorporated poloxamer hydrogel for the suppression of peritoneal dissemination of gastric cancer.. , 2013, , .		0
141	MR Traceable Delivery of p53 Tumor Suppressor Gene by PEI-Functionalized Superparamagnetic Iron Oxide Nanoparticles. Journal of Biomedical Nanotechnology, 2012, 8, 361-371.	1.1	33
142	Folateâ€"PEGâ€"superparamagnetic iron oxide nanoparticles for lung cancer imaging. Acta Biomaterialia, 2012, 8, 3005-3013.	8.3	101
143	Type I Interferons Maintain Foxp3 Expression and T-Regulatory Cell Functions Under Inflammatory Conditions in Mice. Gastroenterology, 2012, 143, 145-154.	1.3	72
144	Suppression of post-angioplasty restenosis with an Akt1 siRNA-embedded coronary stent in a rabbit model. Biomaterials, 2012, 33, 8548-8556.	11.4	50

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145	Thromboresistant and endothelialization effects of dopamine-mediated heparin coating on a stent material surface. Journal of Materials Science: Materials in Medicine, 2012, 23, 1259-1269.	3.6	45
146	Immune cell-specific delivery of beta-glucan-coated iron oxide nanoparticles for diagnosing liver metastasis by MR imaging. Carbohydrate Polymers, 2012, 87, 1159-1168.	10.2	22
147	Carboxylic mannan-coated iron oxide nanoparticles targeted to immune cells for lymph node-specific MRI in vivo. Carbohydrate Polymers, 2012, 88, 780-788.	10.2	27
148	Synthesis and characterization of magnetic nanoparticle-embedded multi-functional polymeric micelles for MRI-guided gene delivery. Macromolecular Research, 2012, 20, 188-196.	2.4	22
149	Polymeric Nanoparticles of Chitosan Derivatives as DNA and siRNA Carriers. Advances in Polymer Science, 2011, , 1-21.	0.8	8
150	Enhanced Anti-Cancer Effect of 5-Fluorouracil Loaded into Thermo-Responsive Conjugated Linoleic Acid-Incorporated Poloxamer Hydrogel on Metastatic Colon Cancer Models. Journal of Nanoscience and Nanotechnology, 2011, 11, 1425-1428.	0.9	12
151	SPION Nanoparticles as an Efficient Probe and Carrier of DNA to Umbilical Cord Blood-Derived Mesenchymal Stem Cells. Journal of Nanoscience and Nanotechnology, 2011, 11, 1507-1510.	0.9	10
152	Accelerated gene transfer through a polysorbitol-based transporter mechanism. Biomaterials, 2011, 32, 9908-9924.	11.4	42
153	Targeted delivery of mannan-coated superparamagnetic iron oxide nanoparticles to antigen-presenting cells for magnetic resonance-based diagnosis of metastatic lymph nodes in vivo. Acta Biomaterialia, 2011, 7, 3935-3945.	8.3	53
154	Morphological property and in vitro enzymatic degradation of modified chitosan as a scaffold. Macromolecular Research, 2011, 19, 1250-1256.	2.4	3
155	Multifunctional silica nanotubes for dual-modality gene delivery and MR imaging. Biomaterials, 2011, 32, 3042-3052.	11.4	44
156	Design of artificial extracellular matrices for tissue engineering. Progress in Polymer Science, 2011, 36, 238-268.	24.7	257
157	Biodegradable Particulate Delivery of Vascular Endothelial Growth Factor Plasmid from Polycaprolactone/Polyethylenimine Electrospun Nanofibers for the Treatment of Myocardial Infarction. Journal of Nanoscience and Nanotechnology, 2011, 11, 7073-7077.	0.9	19
158	Superparamagnetic Iron Oxide Nanoparticles-Loaded Polymersome-Mediated Gene Delivery Guided by Enhanced Magnetic Resonance Signal. Journal of Nanoscience and Nanotechnology, 2011, 11, 7057-7060.	0.9	22
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