

In-Kyu Park

List of Publications by Year in descending order

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Version: 2024-02-01

202
papers

8,064
citations

38742

50
h-index

66911

78
g-index

207
all docs

207
docs citations

207
times ranked

11747
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical modification of chitosan as a gene carrier in vitro and in vivo. <i>Progress in Polymer Science</i> , 2007, 32, 726-753.	24.7	312
2	Design of artificial extracellular matrices for tissue engineering. <i>Progress in Polymer Science</i> , 2011, 36, 238-268.	24.7	257
3	Magnetic Iron Oxide Nanoparticles for Multimodal Imaging and Therapy of Cancer. <i>International Journal of Molecular Sciences</i> , 2013, 14, 15910-15930.	4.1	223
4	Pectin/carboxymethyl cellulose/microfibrillated cellulose composite scaffolds for tissue engineering. <i>Carbohydrate Polymers</i> , 2013, 98, 877-885.	10.2	212
5	Galactosylated chitosan-graft-poly(ethylene glycol) as hepatocyte-targeting DNA carrier. <i>Journal of Controlled Release</i> , 2001, 76, 349-362.	9.9	204
6	Injectable hydrogels for delivering biotherapeutic molecules. <i>International Journal of Biological Macromolecules</i> , 2018, 110, 17-29.	7.5	170
7	Surface modification of iron oxide nanoparticles by biocompatible polymers for tissue imaging and targeting. <i>Biotechnology Advances</i> , 2013, 31, 1224-1236.	11.7	168
8	Galactosylated chitosan as a synthetic extracellular matrix for hepatocytes attachment. <i>Biomaterials</i> , 2003, 24, 2331-2337.	11.4	163
9	Galactosylated poly(ethylene glycol)-chitosan-graft-polyethylenimine as a gene carrier for hepatocyte-targeting. <i>Journal of Controlled Release</i> , 2008, 131, 150-157.	9.9	148
10	Hybrid superparamagnetic iron oxide nanoparticle-branched polyethylenimine magnetoplexes for gene transfection of vascular endothelial cells. <i>Biomaterials</i> , 2010, 31, 4204-4213.	11.4	146
11	Tumor microenvironment-responsive nanoparticles for cancer theragnostic applications. <i>Biomaterials Research</i> , 2018, 22, 22.	6.9	135
12	Cellular recognition of paclitaxel-loaded polymeric nanoparticles composed of poly(¹³ -benzyl) Tj ETQqO O O rgBT /Overlock 10 Tf 50 307 <i>International Journal of Pharmaceutics</i> , 2005, 296, 151-161.	5.2	131
13	Targeted delivery of chitosan nanoparticles to Peyer's patch using M cell-homing peptide selected by phage display technique. <i>Biomaterials</i> , 2010, 31, 7738-7747.	11.4	131
14	Nonviral Approaches for Neuronal Delivery of Nucleic Acids. <i>Pharmaceutical Research</i> , 2008, 25, 983-998.	3.5	114
15	Cell Membrane-Camouflaged Nanoparticles: A Promising Biomimetic Strategy for Cancer Theragnostics. <i>Polymers</i> , 2018, 10, 983.	4.5	110
16	CD44 targeting biocompatible and biodegradable hyaluronic acid cross-linked zein nanogels for curcumin delivery to cancer cells: In vitro and in vivo evaluation. <i>Journal of Controlled Release</i> , 2018, 280, 20-30.	9.9	104
17	Folate-PEG-superparamagnetic iron oxide nanoparticles for lung cancer imaging. <i>Acta Biomaterialia</i> , 2012, 8, 3005-3013.	8.3	101
18	Multifunctional Inorganic Nanoparticles: Recent Progress in Thermal Therapy and Imaging. <i>Nanomaterials</i> , 2016, 6, 76.	4.1	96

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19	Neuron-specific delivery of nucleic acids mediated by Tet1-modified poly(ethylenimine). <i>Journal of Gene Medicine</i> , 2007, 9, 691-702.	2.8	89
20	Polysaccharide-Coated Magnetic Nanoparticles for Imaging and Gene Therapy. <i>BioMed Research International</i> , 2015, 2015, 1-14.	1.9	88
21	pH-Responsive Polymers as Gene Carriers. <i>Macromolecular Rapid Communications</i> , 2010, 31, 1122-1133.	3.9	85
22	Nanoparticle-mediated delivery of therapeutic genes: focus on miRNA therapeutics. <i>Expert Opinion on Drug Delivery</i> , 2013, 10, 1259-1273.	5.0	82
23	Magnetic field-inducible drug-eluting nanoparticles for image-guided thermo-chemotherapy. <i>Biomaterials</i> , 2018, 180, 240-252.	11.4	82
24	Superparamagnetic iron oxide nanoparticles as a dual imaging probe for targeting hepatocytes in vivo. <i>Magnetic Resonance in Medicine</i> , 2009, 62, 1440-1446.	3.0	80
25	Supramolecular Assembly of Cyclodextrin-Based Nanoparticles on Solid Surfaces for Gene Delivery. <i>Langmuir</i> , 2006, 22, 8478-8484.	3.5	78
26	Long-term oncologic after robotic versus laparoscopic right colectomy: a prospective randomized study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 2975-2981.	2.4	78
27	Recent Advances in Nanovaccines Using Biomimetic Immunomodulatory Materials. <i>Pharmaceutics</i> , 2019, 11, 534.	4.5	74
28	Hyaluronic acid conjugated superparamagnetic iron oxide nanoparticle for cancer diagnosis and hyperthermia therapy. <i>Carbohydrate Polymers</i> , 2015, 131, 439-446.	10.2	73
29	Receptor-mediated delivery of all trans-retinoic acid to hepatocyte using poly(L-lactic acid) nanoparticles coated with galactose-carrying polystyrene. <i>Journal of Controlled Release</i> , 2001, 77, 7-15.	9.9	72
30	Type I Interferons Maintain Foxp3 Expression and T-Regulatory Cell Functions Under Inflammatory Conditions in Mice. <i>Gastroenterology</i> , 2012, 143, 145-154.	1.3	72
31	Utilization of Polymer-Lipid Hybrid Nanoparticles for Targeted Anti-Cancer Therapy. <i>Molecules</i> , 2020, 25, 4377.	3.8	72
32	Targeted nonviral delivery vehicles to neural progenitor cells in the mouse subventricular zone. <i>Biomaterials</i> , 2010, 31, 2417-2424.	11.4	70
33	Antibacterial and wound healing analysis of gelatin/zeolite scaffolds. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 115, 244-252.	5.0	70
34	Faujasites Incorporated Tissue Engineering Scaffolds for Wound Healing: In Vitro and In Vivo Analysis. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 11194-11206.	8.0	67
35	Poly(PEGA)-poly(L-lysine)-poly(L-histidine) Hybrid Vesicles for Tumoral pH-Triggered Intracellular Delivery of Doxorubicin Hydrochloride. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 21770-21779.	8.0	66
36	Natural Polymer/Inorganic Material Based Hybrid Scaffolds for Skin Wound Healing. <i>Polymer Reviews</i> , 2015, 55, 453-490.	10.9	65

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37	Chitosan-based particulate systems for the delivery of mucosal vaccines against infectious diseases. <i>International Journal of Biological Macromolecules</i> , 2018, 110, 54-64.	7.5	65
38	Nanoparticle-Based Phototriggered Cancer Immunotherapy and Its Domino Effect in the Tumor Microenvironment. <i>Biomacromolecules</i> , 2018, 19, 1869-1887.	5.4	64
39	Long circulating photoactivable nanomicelles with tumor localized activation and ROS triggered self-accelerating drug release for enhanced locoregional chemo-photodynamic therapy. <i>Biomaterials</i> , 2020, 232, 119702.	11.4	63
40	Docetaxel-loaded thermoresponsive conjugated linoleic acid-incorporated poloxamer hydrogel for the suppression of peritoneal metastasis of gastric cancer. <i>Biomaterials</i> , 2013, 34, 1433-1441.	11.4	62
41	Oral siRNA Delivery to Treat Colorectal Liver Metastases. <i>ACS Nano</i> , 2017, 11, 10417-10429.	14.6	62
42	In vivo induction of mucosal immune responses by intranasal administration of chitosan microspheres containing <i>Bordetella bronchiseptica</i> DNT. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2006, 63, 215-220.	4.3	60
43	Asialoglycoprotein-receptor-targeted hepatocyte imaging using ^{99m} Tc galactosylated chitosan. <i>Nuclear Medicine and Biology</i> , 2006, 33, 529-534.	0.6	60
44	Bioreducible branched poly(modified nona-arginine) cell-penetrating peptide as a novel gene delivery platform. <i>Journal of Controlled Release</i> , 2017, 246, 142-154.	9.9	60
45	Direct immune-detection of cortisol by chemiresistor graphene oxide sensor. <i>Biosensors and Bioelectronics</i> , 2017, 98, 473-477.	10.1	60
46	Determination of nanoparticle vehicle unpackaging by MR imaging of a T2 magnetic relaxation switch. <i>Biomaterials</i> , 2008, 29, 724-732.	11.4	58
47	Mucoadhesive Chitosan Derivatives as Novel Drug Carriers. <i>Current Pharmaceutical Design</i> , 2015, 21, 4285-4309.	1.9	58
48	Peroxidase-Mimicking Nanoassembly Mitigates Lipopolysaccharide-Induced Endotoxemia and Cognitive Damage in the Brain by Impeding Inflammatory Signaling in Macrophages. <i>Nano Letters</i> , 2018, 18, 6417-6426.	9.1	57
49	Electroactive bio-composite actuators based on cellulose acetate nanofibers with specially chopped polyaniline nanoparticles through electrospinning. <i>Composites Science and Technology</i> , 2013, 87, 135-141.	7.8	55
50	Targeted delivery of mannan-coated superparamagnetic iron oxide nanoparticles to antigen-presenting cells for magnetic resonance-based diagnosis of metastatic lymph nodes in vivo. <i>Acta Biomaterialia</i> , 2011, 7, 3935-3945.	8.3	53
51	In vitro study of the immune stimulating activity of an atrophic rhinitis vaccine associated to chitosan microspheres. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2004, 58, 471-476.	4.3	52
52	Current Limitations and Recent Progress in Nanomedicine for Clinically Available Photodynamic Therapy. <i>Biomedicines</i> , 2021, 9, 85.	3.2	52
53	Hepatocyte-targeted nuclear imaging using ^{99m} Tc-galactosylated chitosan: conjugation, targeting, and biodistribution. <i>Journal of Nuclear Medicine</i> , 2005, 46, 141-5.	5.0	51
54	Suppression of post-angioplasty restenosis with an Akt1 siRNA-embedded coronary stent in a rabbit model. <i>Biomaterials</i> , 2012, 33, 8548-8556.	11.4	50

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55	Thromboresistant and endothelialization effects of dopamine-mediated heparin coating on a stent material surface. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 1259-1269.	3.6	45
56	Bioactivatable reactive oxygen species-sensitive nanoparticulate system for chemo-photodynamic therapy. <i>Acta Biomaterialia</i> , 2020, 108, 273-284.	8.3	45
57	Multifunctional silica nanotubes for dual-modality gene delivery and MR imaging. <i>Biomaterials</i> , 2011, 32, 3042-3052.	11.4	44
58	External and Internal Stimuli-Responsive Metallic Nanotherapeutics for Enhanced Anticancer Therapy. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 597634.	3.5	43
59	Accelerated gene transfer through a polysorbitol-based transporter mechanism. <i>Biomaterials</i> , 2011, 32, 9908-9924.	11.4	42
60	Biomedical Applications of Magnetically Functionalized Organic/Inorganic Hybrid Nanofibers. <i>International Journal of Molecular Sciences</i> , 2015, 16, 13661-13677.	4.1	42
61	Folic-acid-conjugated pullulan/poly(DL-lactide-co-glycolide) graft copolymer nanoparticles for folate-receptor-mediated drug delivery. <i>Nanoscale Research Letters</i> , 2015, 10, 43.	5.7	42
62	Cell Membrane Coated Nanoparticles: An Emerging Biomimetic Nanoplatform for Targeted Bioimaging and Therapy. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1064, 45-59.	1.6	42
63	Near-Infrared Heptamethine Cyanine Based Iron Oxide Nanoparticles for Tumor Targeted Multimodal Imaging and Photothermal Therapy. <i>Scientific Reports</i> , 2017, 7, 2108.	3.3	41
64	Green synthesis of bioactive polysaccharide-capped gold nanoparticles for lymph node CT imaging. <i>Carbohydrate Polymers</i> , 2018, 181, 27-33.	10.2	40
65	Simultaneous Drug and Gene Delivery from the Biodegradable Poly(ϵ -caprolactone) Nanofibers for the Treatment of Liver Cancer. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 7971-7975.	0.9	39
66	Superparamagnetic Iron Oxide Nanoparticles Coated with Mannan for Macrophage Targeting. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 5196-5202.	0.9	38
67	IR 780-loaded hyaluronic acid micelles for enhanced tumor-targeted photothermal therapy. <i>Carbohydrate Polymers</i> , 2018, 181, 1-9.	10.2	37
68	Anti-cancer, pharmacokinetics and tumor localization studies of pH-, RF- and thermo-responsive nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2015, 74, 249-262.	7.5	36
69	Wound healing analysis of pectin/carboxymethyl cellulose/microfibrillated cellulose based composite scaffolds. <i>Materials Letters</i> , 2014, 132, 34-37.	2.6	35
70	Breast Tumor Targetable Fe ₃ O ₄ ; Embedded Thermo-Responsive Nanoparticles for Radiofrequency Assisted Drug Delivery. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 43-55.	1.1	35
71	pH/redox dual stimuli-responsive sheddable nanodaisies for efficient intracellular tumour-triggered drug delivery. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5027-5036.	5.8	35
72	Biopolymeric In Situ Hydrogels for Tissue Engineering and Bioimaging Applications. <i>Tissue Engineering and Regenerative Medicine</i> , 2018, 15, 575-590.	3.7	35

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73	Combination of Photodynamic Therapy and a Flagellin-Adjuvanted Cancer Vaccine Potentiated the Anti-PD-1-Mediated Melanoma Suppression. <i>Cells</i> , 2020, 9, 2432.	4.1	34
74	MR Traceable Delivery of p53 Tumor Suppressor Gene by PEI-Functionalized Superparamagnetic Iron Oxide Nanoparticles. <i>Journal of Biomedical Nanotechnology</i> , 2012, 8, 361-371.	1.1	33
75	Branched Polyethylenimine-Superparamagnetic Iron Oxide Nanoparticles (bPEI-SPIONs) Improve the Immunogenicity of Tumor Antigens and Enhance Th1 Polarization of Dendritic Cells. <i>Journal of Immunology Research</i> , 2015, 2015, 1-9.	2.2	33
76	Effect of chitosan coating on a bacteria-based alginate microrobot. <i>Biotechnology and Bioengineering</i> , 2015, 112, 769-776.	3.3	33
77	Regulation of transduction efficiency by pegylation of baculovirus vector in vitro and in vivo. <i>Journal of Biotechnology</i> , 2006, 125, 104-109.	3.8	32
78	An acid-labile temperature-responsive sol-gel reversible polymer for enhanced gene delivery to the myocardium and skeletal muscle cells. <i>Biomaterials</i> , 2009, 30, 5225-5233.	11.4	32
79	Carbohydrate-Based Nanogels as Drug and Gene Delivery Systems. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 694-704.	0.9	32
80	Activated dendritic cells delivered in tissue compatible biomatrices induce <i>in-situ</i> anti-tumor CTL responses leading to tumor regression. <i>Oncotarget</i> , 2016, 7, 39894-39906.	1.8	32
81	Preparation of ultra-thin hexagonal boron nitride nanoplates for cancer cell imaging and neurotransmitter sensing. <i>Chemical Communications</i> , 2016, 52, 6146-6149.	4.1	32
82	Biomimetic pH/redox dual stimuli-responsive zwitterionic polymer block poly(L-histidine) micelles for intracellular delivery of doxorubicin into tumor cells. <i>Journal of Polymer Science Part A</i> , 2017, 55, 2061-2070.	2.3	32
83	Peptide-modified vectors for nucleic acid delivery to neurons. <i>Journal of Controlled Release</i> , 2008, 132, 230-235.	9.9	31
84	Enhanced angiogenesis mediated by vascular endothelial growth factor plasmid-loaded thermo-responsive amphiphilic polymer in a rat myocardial infarction model. <i>Journal of Controlled Release</i> , 2009, 138, 168-176.	9.9	31
85	Preparation of Engineered <i>Salmonella Typhimurium</i> -Driven Hyaluronic Acid-Based Microbeads with Both Chemotactic and Biological Targeting Towards Breast Cancer Cells for Enhanced Anticancer Therapy. <i>Advanced Healthcare Materials</i> , 2016, 5, 288-295.	7.6	31
86	In-direct localized surface plasmon resonance (LSPR)-based nanosensors for highly sensitive and rapid detection of cortisol. <i>Sensors and Actuators B: Chemical</i> , 2018, 266, 710-716.	7.8	31
87	In Situ Oxygenic Nanopods Targeting Tumor Adaption to Hypoxia Potentiate Image-Guided Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 19782-19792.	8.0	31
88	Interleukin-4 receptor-targeted delivery of Bcl-xL siRNA sensitizes tumors to chemotherapy and inhibits tumor growth. <i>Biomaterials</i> , 2017, 142, 101-111.	11.4	30
89	Multimodal Composite Iron Oxide Nanoparticles for Biomedical Applications. <i>Tissue Engineering and Regenerative Medicine</i> , 2019, 16, 451-465.	3.7	30
90	Flagellin is a strong vaginal adjuvant of a therapeutic vaccine for genital cancer. <i>Oncolmmunology</i> , 2016, 5, e1081328.	4.6	29

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91	Self-Quenched Polysaccharide Nanoparticles with a Reactive Oxygen Species-Sensitive Cascade for Enhanced Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 28004-28013.	8.0	29
92	Xyloglucan as a synthetic extracellular matrix for hepatocyte attachment. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2004, 15, 1375-1387.	3.5	28
93	Stimuli-Regulated Smart Polymeric Systems for Gene Therapy. <i>Polymers</i> , 2017, 9, 152.	4.5	28
94	White-Light-Emitting Carbon Nano-Onions: A Tunable Multichannel Fluorescent Nanoprobe for Glutathione-Responsive Bioimaging. <i>ACS Applied Nano Materials</i> , 2018, 1, 662-674.	5.0	28
95	Carboxylic mannan-coated iron oxide nanoparticles targeted to immune cells for lymph node-specific MRI in vivo. <i>Carbohydrate Polymers</i> , 2012, 88, 780-788.	10.2	27
96	Galactosylated chitosan (GC)-graft-poly(vinyl pyrrolidone) (PVP) as hepatocyte-targeting DNA carrier:in vitro transfection. <i>Archives of Pharmacal Research</i> , 2004, 27, 1284-1289.	6.3	26
97	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. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1189.	4.1	26
98	“Navigate-dock-activate” anti-tumor strategy: Tumor micromilieu charge-switchable, hierarchically activated nanoplatform with ultrarapid tumor-tropic accumulation for trackable photothermal/chemotherapy. <i>Theranostics</i> , 2019, 9, 2505-2525.	10.0	25
99	Chemical Modification of Chitosan with pH-Sensitive Molecules and Specific Ligands for Efficient DNA Transfection and siRNA Silencing. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 564-576.	0.9	24
100	Formulation of glutathione responsive anti-proliferative nanoparticles from thiolated Akt1 siRNA and disulfide-crosslinked PEI for efficient anti-cancer gene therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 126, 322-327.	5.0	24
101	Drug- and Gene-eluting Stents for Preventing Coronary Restenosis. <i>Chonnam Medical Journal</i> , 2017, 53, 14.	0.9	24
102	Bio-mimetic surface engineering of plasmid-loaded nanoparticles for active intracellular trafficking by actin comet-tail motility. <i>Biomaterials</i> , 2009, 30, 951-958.	11.4	23
103	Glutathione and endosomal pH-responsive hybrid vesicles fabricated by zwitterionic polymer block poly(L-aspartic acid) as a smart anticancer delivery platform. <i>Reactive and Functional Polymers</i> , 2017, 119, 47-56.	4.1	23
104	Dual-stimuli-responsive albumin-polyplex nanoassembly for spatially controlled gene release in metastatic breast cancer. <i>Journal of Controlled Release</i> , 2018, 276, 72-83.	9.9	23
105	MHI-148 Cyanine Dye Conjugated Chitosan Nanomicelle with NIR Light-Trigger Release Property as Cancer Targeting Theranostic Agent. <i>Molecular Imaging and Biology</i> , 2018, 20, 533-543.	2.6	23
106	Microwave-Assisted Synthesis of Biocompatible Silk Fibroin-Based Carbon Quantum Dots. <i>Particle and Particle Systems Characterization</i> , 2018, 35, 1700300.	2.3	23
107	Superparamagnetic Iron Oxide Nanoparticles-Loaded Polymersome-Mediated Gene Delivery Guided by Enhanced Magnetic Resonance Signal. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 7057-7060.	0.9	22
108	Immune cell-specific delivery of beta-glucan-coated iron oxide nanoparticles for diagnosing liver metastasis by MR imaging. <i>Carbohydrate Polymers</i> , 2012, 87, 1159-1168.	10.2	22

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109	Synthesis and characterization of magnetic nanoparticle-embedded multi-functional polymeric micelles for MRI-guided gene delivery. <i>Macromolecular Research</i> , 2012, 20, 188-196.	2.4	22
110	Injectable Biomaterials in Plastic and Reconstructive Surgery: A Review of the Current Status. <i>Tissue Engineering and Regenerative Medicine</i> , 2018, 15, 559-574.	3.7	22
111	Photo- and pH-Responsive Polycarbonate Block Copolymer Prodrug Nanomicelles for Controlled Release of Doxorubicin. <i>Macromolecular Bioscience</i> , 2020, 20, e2000118.	4.1	22
112	Mannose-poly(ethylene glycol)-linked SPION targeted to antigen presenting cells for magnetic resonance imaging on lymph node. <i>Carbohydrate Polymers</i> , 2013, 92, 1586-1595.	10.2	21
113	Substrate-Mediated Delivery of MicroRNA-145 Through a Polysorbitol-Based Osmotically Active Transporter Suppresses Smooth Muscle Cell Proliferation: Implications for Restenosis Treatment. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 571-579.	1.1	21
114	Evaluation of Anti-Inflammatory Potential of the New Ganghwaljetongyeum on Adjuvant-Induced Inflammatory Arthritis in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-10.	1.2	21
115	Hyaluronan-Stabilized Redox-Sensitive Nanoassembly for Chemo-Gene Therapy and Dual T1/T2 MR Imaging in Drug-Resistant Breast Cancer Cells. <i>Molecular Pharmaceutics</i> , 2019, 16, 2226-2234.	4.6	21
116	Inflammation-sensing catalase-mimicking nanozymes alleviate acute kidney injury via reversing local oxidative stress. <i>Journal of Nanobiotechnology</i> , 2022, 20, 205.	9.1	21
117	The effect of alpha lipoic acid in a porcine in-stent restenosis model. <i>Journal of Cardiology</i> , 2009, 54, 375-385.	1.9	20
118	In vivo evaluation of cetuximab-conjugated poly(γ -glutamic acid)-docetaxel nanomedicines in EGFR-overexpressing gastric cancer xenografts. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 7165-7182.	6.7	20
119	Polyethylene Glycol Nanoparticles as Promising Tools for Anticancer Therapeutics. , 2019, , 205-231.		20
120	Multistimuli-Responsive Polymeric Vesicles for Accelerated Drug Release in Chemo-photothermal Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 5012-5023.	5.2	20
121	Metallic Nanoparticle-Mediated Immune Cell Regulation and Advanced Cancer Immunotherapy. <i>Pharmaceutics</i> , 2021, 13, 1867.	4.5	20
122	Biodegradable Particulate Delivery of Vascular Endothelial Growth Factor Plasmid from Polycaprolactone/Polyethylenimine Electrospun Nanofibers for the Treatment of Myocardial Infarction. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 7073-7077.	0.9	19
123	Heat-Confined Tumor-Docking Reversible Thermogel Potentiates Systemic Antitumor Immune Response During Near-Infrared Photothermal Ablation in Triple-Negative Breast Cancer. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100907.	7.6	19
124	Tumor homing indocyanine green encapsulated micelles for near infrared and photoacoustic imaging of tumors. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016, 104, 825-834.	3.4	18
125	SPION loaded poly(L-lysine)/hyaluronic acid micelles as MR contrast agent and gene delivery vehicle for cancer theranostics. <i>Macromolecular Research</i> , 2017, 25, 446-451.	2.4	18
126	Tumor Microenvironment-Regulating Immunosenescence-Independent Nanostimulant Synergizing with Near-Infrared Light Irradiation for Antitumor Immunity. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 4844-4852.	8.0	18

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127	Targeted delivery of microRNA-145 to metastatic breast cancer by peptide conjugated branched PEI gene carrier. <i>Macromolecular Research</i> , 2013, 21, 1201-1209.	2.4	17
128	The Biological Function and Therapeutic Potential of Exosomes in Cancer: Exosomes as Efficient Nanocommunicators for Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7363.	4.1	17
129	Aggregation-induced emission-active hyperbranched polymer-based nanoparticles and their biological imaging applications. <i>Dyes and Pigments</i> , 2021, 186, 108975.	3.7	17
130	Immune stimulating activity of an atrophic rhinitis vaccine associated to pegylated chitosan microspheres in vitro. <i>Polymers for Advanced Technologies</i> , 2007, 18, 220-225.	3.2	16
131	Selective transfection with osmotically active sorbitol modified PEI nanoparticles for enhanced anti-cancer gene therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 119, 126-136.	5.0	16
132	Theranostics. , 2016, , 197-215.		16
133	Glycol chitosan-based renal docking biopolymeric nanomicelles for site-specific delivery of the immunosuppressant. <i>Carbohydrate Polymers</i> , 2020, 241, 116255.	10.2	16
134	Stem Cell-assisted Approaches for Cartilage Tissue Engineering. <i>International Journal of Stem Cells</i> , 2010, 3, 96-102.	1.8	16
135	Hyaluronan-coated Prussian blue nanoparticles relieve LPS-induced peritonitis by suppressing oxidative species generation in tissue-resident macrophages. <i>Biomaterials Science</i> , 2022, 10, 1248-1256.	5.4	16
136	Novel Fabrication of MicroRNA Nanoparticle-Coated Coronary Stent for Prevention of Post-Angioplasty Restenosis. <i>Korean Circulation Journal</i> , 2016, 46, 23.	1.9	15
137	Therapeutic Effect of Akt1 siRNA Nanoparticle Eluting Coronary Stent on Suppression of Post-Angioplasty Restenosis. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 1211-1222.	1.1	15
138	Trigger-Responsive Gene Transporters for Anticancer Therapy. <i>Nanomaterials</i> , 2017, 7, 120.	4.1	15
139	Programmed "triple-mode"™ anti-tumor therapy: Improving peritoneal retention, tumor penetration and activatable drug release properties for effective inhibition of peritoneal carcinomatosis. <i>Biomaterials</i> , 2018, 169, 45-60.	11.4	15
140	Degradable pH-responsive polymer prodrug micelles with aggregation-induced emission for cellular imaging and cancer therapy. <i>Reactive and Functional Polymers</i> , 2021, 166, 104966.	4.1	15
141	Controlled release of <i>Bordetella bronchiseptica</i> dermonecrototoxin (BBD) vaccine from BBD-loaded chitosan microspheres In Vitro. <i>Archives of Pharmacal Research</i> , 2004, 27, 346-350.	6.3	14
142	Intracellular delivery and activation of the genetically encoded photosensitizer Killer Red by quantum dots encapsulated in polymeric micelles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 116, 284-294.	5.0	14
143	Self-Assembled, Adjuvant/Antigen-Based Nanovaccine Mediates Anti-Tumor Immune Response against Melanoma Tumor. <i>Polymers</i> , 2018, 10, 1063.	4.5	14
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