

# Kyeongsoon Park

## List of Publications by Year in descending order

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Version: 2024-02-01

143  
papers

8,650  
citations

53751

45  
h-index

45285

90  
g-index

147  
all docs

147  
docs citations

147  
times ranked

11684  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymeric nanomedicine for cancer therapy. <i>Progress in Polymer Science</i> , 2008, 33, 113-137.	11.8	453
2	Hydrophobically modified glycol chitosan nanoparticles-encapsulated camptothecin enhance the drug stability and tumor targeting in cancer therapy. <i>Journal of Controlled Release</i> , 2008, 127, 208-218.	4.8	429
3	New Generation of Multifunctional Nanoparticles for Cancer Imaging and Therapy. <i>Advanced Functional Materials</i> , 2009, 19, 1553-1566.	7.8	405
4	Super pH-sensitive multifunctional polymeric micelle for tumor pH specific TAT exposure and multidrug resistance. <i>Journal of Controlled Release</i> , 2008, 129, 228-236.	4.8	376
5	Tumor-homing multifunctional nanoparticles for cancer theragnosis: Simultaneous diagnosis, drug delivery, and therapeutic monitoring. <i>Journal of Controlled Release</i> , 2010, 146, 219-227.	4.8	336
6	Antitumor efficacy of cisplatin-loaded glycol chitosan nanoparticles in tumor-bearing mice. <i>Journal of Controlled Release</i> , 2008, 127, 41-49.	4.8	333
7	A Near-Infrared-Fluorescence-Quenched Gold Nanoparticle Imaging Probe for In Vivo Drug Screening and Protease Activity Determination. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2804-2807.	7.2	310
8	Tumoral acidic extracellular pH targeting of pH-responsive MPEG-poly( $\beta$ -amino ester) block copolymer micelles for cancer therapy. <i>Journal of Controlled Release</i> , 2007, 123, 109-115.	4.8	281
9	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.	4.8	240
10	High-resolution three-photon biomedical imaging using doped ZnS nanocrystals. <i>Nature Materials</i> , 2013, 12, 359-366.	13.3	240
11	Oral protein delivery: Current status and future prospect. <i>Reactive and Functional Polymers</i> , 2011, 71, 280-287.	2.0	230
12	Self-assembled glycol chitosan nanoparticles for the sustained and prolonged delivery of antiangiogenic small peptide drugs in cancer therapy. <i>Biomaterials</i> , 2008, 29, 1920-1930.	5.7	211
13	Polymers for bioimaging. <i>Progress in Polymer Science</i> , 2007, 32, 1031-1053.	11.8	180
14	Tumor specificity and therapeutic efficacy of photosensitizer-encapsulated glycol chitosan-based nanoparticles in tumor-bearing mice. <i>Biomaterials</i> , 2009, 30, 2929-2939.	5.7	163
15	Heparin-deoxycholic acid chemical conjugate as an anticancer drug carrier and its antitumor activity. <i>Journal of Controlled Release</i> , 2006, 114, 300-306.	4.8	153
16	Polymeric Nanoparticle-Based Activatable Near-Infrared Nanosensor for Protease Determination In Vivo. <i>Nano Letters</i> , 2009, 9, 4412-4416.	4.5	149
17	Gentamicin and bone morphogenic protein-2 (BMP-2)-delivering heparinized-titanium implant with enhanced antibacterial activity and osteointegration. <i>Bone</i> , 2012, 50, 974-982.	1.4	149
18	Activatable imaging probes with amplified fluorescent signals. <i>Chemical Communications</i> , 2008, , 4250.	2.2	139

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19	Tumor Targeting Chitosan Nanoparticles for Dual-Modality Optical/MR Cancer Imaging. <i>Bioconjugate Chemistry</i> , 2010, 21, 578-582.	1.8	139
20	Preparation and Characterization of Self-Assembled Nanoparticles of Heparin-Deoxycholic Acid Conjugates. <i>Langmuir</i> , 2004, 20, 11726-11731.	1.6	137
21	Real-time and non-invasive optical imaging of tumor-targeting glycol chitosan nanoparticles in various tumor models. <i>Biomaterials</i> , 2011, 32, 5252-5261.	5.7	133
22	Doxorubicin Loaded pH-sensitive Micelle: Antitumoral Efficacy against Ovarian A2780/DOXR Tumor. <i>Pharmaceutical Research</i> , 2008, 25, 2074-82.	1.7	112
23	Strategies, advances, and challenges associated with the use of graphene-based nanocomposites for electrochemical biosensors. <i>Advances in Colloid and Interface Science</i> , 2022, 304, 102664.	7.0	102
24	A new atherosclerotic lesion probe based on hydrophobically modified chitosan nanoparticles functionalized by the atherosclerotic plaque targeted peptides. <i>Journal of Controlled Release</i> , 2008, 128, 217-223.	4.8	90
25	Fully Integrated High-Speed Intravascular Optical Coherence Tomography/Near-Infrared Fluorescence Structural/Molecular Imaging In Vivo Using a Clinically Available Near-Infrared Fluorescence-Emitting Indocyanine Green to Detect Inflamed Lipid-Rich Atheromata in Coronary-Sized Vessels. <i>Circulation: Cardiovascular Interventions</i> , 2014, 7, 560-569.	1.4	83
26	Heparin/Poly(L-lysine) Nanoparticle-Coated Polymeric Microspheres for Stem-Cell Therapy. <i>Journal of the American Chemical Society</i> , 2007, 129, 5788-5789.	6.6	80
27	Dark Quenched Matrix Metalloproteinase Fluorogenic Probe for Imaging Osteoarthritis Development <i>in Vivo</i> . <i>Bioconjugate Chemistry</i> , 2008, 19, 1743-1747.	1.8	77
28	MMPs-specific PEGylated peptide-DOX conjugate micelles that can contain free doxorubicin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007, 67, 646-654.	2.0	74
29	Preparation and evaluation of visible-light cured glycol chitosan hydrogel dressing containing dual growth factors for accelerated wound healing. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 53, 360-370.	2.9	71
30	Electrical Pulsed Stimulation of Surfaces Homogeneously Coated with Gold Nanoparticles to Induce Neurite Outgrowth of PC12 Cells. <i>Langmuir</i> , 2009, 25, 451-457.	1.6	69
31	Improved Antitumor Activity and Tumor Targeting of NH <sub>2</sub> -Terminal-Specific PEGylated Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 1719-1729.	1.9	65
32	Hyaluronated fullerenes with photoluminescent and antitumoral activity. <i>Chemical Communications</i> , 2013, 49, 282-284.	2.2	65
33	Label-Free Tomographic Imaging of Lipid Droplets in Foam Cells for Machine-Learning-Assisted Therapeutic Evaluation of Targeted Nanodrugs. <i>ACS Nano</i> , 2020, 14, 1856-1865.	7.3	64
34	Fabrication of a BMP-2-immobilized porous microsphere modified by heparin for bone tissue engineering. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 134, 453-460.	2.5	59
35	Intracoronary dual-modal optical coherence tomography-near-infrared fluorescence structural-molecular imaging with a clinical dose of indocyanine green for the assessment of high-risk plaques and stent-associated inflammation in a beating coronary artery. <i>European Heart Journal</i> , 2016, 37, 2833-2844.	1.0	58
36	Improving osteoblast functions and bone formation upon BMP-2 immobilization on titanium modified with heparin. <i>Carbohydrate Polymers</i> , 2014, 114, 123-132.	5.1	56

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37	Preparation of poly-L-lysine-based nanoparticles with pH-sensitive release of curcumin for targeted imaging and therapy of liver cancer <i>in vitro</i> and <i>in vivo</i> . <i>Drug Delivery</i> , 2018, 25, 950-960.	2.5	56
38	PLGA Microsphere Construct Coated with TGF- $\beta$ 3 Loaded Nanoparticles for Neocartilage Formation. <i>Biomacromolecules</i> , 2008, 9, 2162-2169.	2.6	55
39	Protein-Phosphorylation-Responsive Polymeric Nanoparticles for Imaging Protein Kinase Activities in Single Living Cells. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5779-5782.	7.2	54
40	Cell Adhesion and <i>in Vivo</i> Osseointegration of Sandblasted/Acid Etched/Anodized Dental Implants. <i>International Journal of Molecular Sciences</i> , 2015, 16, 10324-10336.	1.8	53
41	Anti-tumor and anti-metastatic effects of gelatin-doxorubicin and PEGylated gelatin-doxorubicin nanoparticles in SCC7 bearing mice. <i>Journal of Drug Targeting</i> , 2006, 14, 707-716.	2.1	52
42	Osteogenesis induction of periodontal ligament cells onto bone morphogenic protein-2 immobilized PCL fibers. <i>Carbohydrate Polymers</i> , 2014, 99, 700-709.	5.1	49
43	Intravascular optical imaging of high-risk plaques <i>in vivo</i> by targeting macrophage mannose receptors. <i>Scientific Reports</i> , 2016, 6, 22608.	1.6	48
44	Tumor Endothelial Cell Targeted Cyclic RGD-modified Heparin Derivative: Inhibition of Angiogenesis and Tumor Growth. <i>Pharmaceutical Research</i> , 2008, 25, 2786-2798.	1.7	47
45	Multicomponent, Tumor-Homing Chitosan Nanoparticles for Cancer Imaging and Therapy. <i>International Journal of Molecular Sciences</i> , 2017, 18, 594.	1.8	46
46	<i>In vivo</i> time-dependent gene expression of cationic lipid-based emulsion as a stable and biocompatible non-viral gene carrier. <i>Journal of Controlled Release</i> , 2008, 128, 89-97.	4.8	45
47	A novel near-infrared fluorescence chemosensor for copper ion detection using click ligation and energy transfer. <i>Chemical Communications</i> , 2013, 49, 5969.	2.2	45
48	Effect of lactoferrin-impregnated porous poly(lactide-co-glycolide) (PLGA) microspheres on osteogenic differentiation of rabbit adipose-derived stem cells (rADSCs). <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 122, 457-464.	2.5	42
49	Antiangiogenic and Apoptotic Properties of a Novel Amphiphilic Folate-Heparin-Lithocholate Derivative Having Cellular Internality for Cancer Therapy. <i>Pharmaceutical Research</i> , 2007, 24, 705-714.	1.7	41
50	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.	1.1	41
51	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. <i>Journal of Controlled Release</i> , 2010, 147, 253-260.	4.8	40
52	Antiangiogenic Effect of Bile Acid Acylated Heparin Derivative. <i>Pharmaceutical Research</i> , 2006, 24, 176-185.	1.7	39
53	The attenuation of experimental lung metastasis by a bile acid acylated-heparin derivative. <i>Biomaterials</i> , 2007, 28, 2667-2676.	5.7	39
54	Antimetastatic Effect of an Orally Active Heparin Derivative on Experimentally Induced Metastasis. <i>Clinical Cancer Research</i> , 2008, 14, 2841-2849.	3.2	39

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55	The Effect of Alendronate-Loaded Polycaprolactone Nanofibrous Scaffolds on Osteogenic Differentiation of Adipose-Derived Stem Cells in Bone Tissue Regeneration. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 1080-1090.	0.5	39
56	Co-delivery of platelet-derived growth factor (PDGF-BB) and bone morphogenic protein (BMP-2) coated onto heparinized titanium for improving osteoblast function and osteointegration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, E219-E228.	1.3	37
57	Local delivery of alendronate eluting chitosan scaffold can effectively increase osteoblast functions and inhibit osteoclast differentiation. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 2739-2749.	1.7	36
58	Preparation and characterization of hyaluronic acid-based hydrogel nanoparticles. <i>Journal of Physics and Chemistry of Solids</i> , 2008, 69, 1591-1595.	1.9	35
59	3D printed alendronate-releasing poly(caprolactone) porous scaffolds enhance osteogenic differentiation and bone formation in rat tibial defects. <i>Biomedical Materials (Bristol)</i> , 2016, 11, 055005.	1.7	35
60	Design of a 3D BMP-2-Delivering Tannylated PCL Scaffold and Its Anti-Oxidant, Anti-Inflammatory, and Osteogenic Effects In Vitro. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3602.	1.8	35
61	Recent Advances of Biphasic Calcium Phosphate Bioceramics for Bone Tissue Regeneration. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1250, 177-188.	0.8	34
62	Inhibition of tumor growth by biodegradable microspheres containing all-trans-retinoic acid in a human head-and-neck cancer xenograft. <i>International Journal of Cancer</i> , 2003, 107, 145-148.	2.3	31
63	Ibuprofen-loaded porous microspheres suppressed the progression of monosodium iodoacetate-induced osteoarthritis in a rat model. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 147, 265-273.	2.5	31
64	Surface immobilization of biphasic calcium phosphate nanoparticles on 3D printed poly(caprolactone) scaffolds enhances osteogenesis and bone tissue regeneration. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 55, 101-109.	2.9	31
65	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.	1.4	30
66	Long-term local PDGF delivery using porous microspheres modified with heparin for tendon healing of rotator cuff tendinitis in a rabbit model. <i>Carbohydrate Polymers</i> , 2019, 209, 372-381.	5.1	30
67	The use of chondrogenic differentiation drugs to induce stem cell differentiation using double bead microsphere structure. <i>Biomaterials</i> , 2008, 29, 2490-2500.	5.7	29
68	Stability and bioactivity of nanocomplex of TNF-related apoptosis-inducing ligand. <i>International Journal of Pharmaceutics</i> , 2008, 363, 149-154.	2.6	29
69	Glycol Chitosan-Based Fluorescent Theranostic Nanoagents for Cancer Therapy. <i>Marine Drugs</i> , 2014, 12, 6038-6057.	2.2	29
70	Exploring the In Vivo Anti-Inflammatory Actions of Simvastatin-Loaded Porous Microspheres on Inflamed Tenocytes in a Collagenase-Induced Animal Model of Achilles Tendinitis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 820.	1.8	29
71	Insight of current technologies for oral delivery of proteins and peptides. <i>Drug Discovery Today: Technologies</i> , 2012, 9, e105-e112.	4.0	27
72	The effect of titanium with heparin/BMP-2 complex for improving osteoblast activity. <i>Carbohydrate Polymers</i> , 2013, 98, 546-554.	5.1	27

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73	Effects of Anodized Titanium with Arg-Gly-Asp (RGD) Peptide Immobilized Via Chemical Grafting or Physical Adsorption on Bone Cell Adhesion and Differentiation. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013, 28, 963-972.	0.6	27
74	Heparin-immobilized hydroxyapatite nanoparticles as a lactoferrin delivery system for improving osteogenic differentiation of adipose-derived stem cells. <i>Biomedical Materials (Bristol)</i> , 2016, 11, 025004.	1.7	26
75	Osteogenesis and new bone formation of alendronate-immobilized porous PLGA microspheres in a rat calvarial defect model. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 52, 277-286.	2.9	26
76	Macrophage targeted theranostic strategy for accurate detection and rapid stabilization of the inflamed high-risk plaque. <i>Theranostics</i> , 2021, 11, 8874-8893.	4.6	26
77	Cationic Analog of Deoxycholate as an Oral Delivery Carrier for Ceftriaxone. <i>Journal of Pharmaceutical Sciences</i> , 2005, 94, 2541-2548.	1.6	23
78	Near-Infrared Fluorescence Imaging Using a Protease-Specific Probe for the Detection of Colon Tumors. <i>Gut and Liver</i> , 2010, 4, 488-497.	1.4	23
79	The effect of bone morphogenic protein-2 (BMP-2)-immobilizing heparinized-chitosan scaffolds for enhanced osteoblast activity. <i>Tissue Engineering and Regenerative Medicine</i> , 2013, 10, 122-130.	1.6	23
80	Bone Formation in a Rat Tibial Defect Model Using Carboxymethyl Cellulose/BioC/Bone Morphogenic Protein-2 Hybrid Materials. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	23
81	In vitro photodynamic effects of scavenger receptor targeted-photoactivatable nanoagents on activated macrophages. <i>International Journal of Biological Macromolecules</i> , 2017, 97, 181-189.	3.6	23
82	Attenuation of inflammation and cartilage degradation by sulfasalazine-containing hyaluronic acid on osteoarthritis rat model. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 341-348.	3.6	23
83	Therapeutic Effects of Targeted PPAR $\alpha$ Activation on Inflamed High-Risk Plaques Assessed by Serial Optical Imaging In Vivo. <i>Theranostics</i> , 2018, 8, 45-60.	4.6	23
84	Biomaterials for the Treatment of Tendon Injury. <i>Tissue Engineering and Regenerative Medicine</i> , 2019, 16, 467-477.	1.6	23
85	Enhanced tendon restoration effects of anti-inflammatory, lactoferrin-immobilized, heparin-polymeric nanoparticles in an Achilles tendinitis rat model. <i>Carbohydrate Polymers</i> , 2020, 241, 116284.	5.1	23
86	Combination Therapy of Heparin-Deoxycholic Acid Conjugate and Doxorubicin against Squamous Cell Carcinoma and B16F10 Melanoma. <i>Pharmaceutical Research</i> , 2008, 25, 268-276.	1.7	22
87	Triple Constructs Consisting of Nanoparticles and Microspheres for Bone-Marrow-Derived Stromal-Cell-Delivery Microscaffolds. <i>Small</i> , 2008, 4, 1950-1955.	5.2	22
88	Detection of Active Matrix Metalloproteinase-3 in Serum and Fibroblast-Like Synoviocytes of Collagen-Induced Arthritis Mice. <i>Bioconjugate Chemistry</i> , 2013, 24, 1068-1074.	1.8	20
89	Osteoblast activity of MG-63 cells is enhanced by growth on a lactoferrin-immobilized titanium substrate. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 123, 191-198.	2.5	20
90	A comparative pilot study of oral diacerein and locally treated diacerein-loaded nanoparticles in a model of osteoarthritis. <i>International Journal of Pharmaceutics</i> , 2020, 581, 119249.	2.6	18

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91	Chemoprevention of 4-NQO-induced oral carcinogenesis by co-administration of all-trans retinoic acid loaded microspheres and celecoxib. <i>Journal of Controlled Release</i> , 2005, 104, 167-179.	4.8	16
92	A Facile Method for the Preparation of Monodisperse Beads with Uniform Pore Sizes for Cell Culture. <i>Macromolecular Rapid Communications</i> , 2013, 34, 399-405.	2.0	16
93	Hyaluronic Acid-Conjugated Mesoporous Silica Nanoparticles Loaded with Dual Anticancer Agents for Chemophotodynamic Cancer Therapy. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-11.	1.5	16
94	In vivo imaging of reactive oxygen species (ROS)-producing pro-inflammatory macrophages in murine carotid atheromas using a CD44-targetable and ROS-responsive nanosensor. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 92, 158-166.	2.9	16
95	Preparation of redox-sensitive $\beta$ -CD-based nanoparticles with controlled release of curcumin for improved therapeutic effect on liver cancer in vitro. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 45, 156-163.	2.9	14
96	Alendronate-Eluting Biphasic Calcium Phosphate (BCP) Scaffolds Stimulate Osteogenic Differentiation. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	13
97	In vitro and in vivo anti-inflammatory and tendon-healing effects in Achilles tendinopathy of long-term curcumin delivery using porous microspheres. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 58, 123-130.	2.9	13
98	Accelerated Osteogenic Differentiation of MC3T3-E1 Cells by Lactoferrin-Conjugated Nanodiamonds through Enhanced Anti-Oxidant and Anti-Inflammatory Effects. <i>Nanomaterials</i> , 2020, 10, 50.	1.9	13
99	Icariin-Functionalized Nanodiamonds to Enhance Osteogenic Capacity In Vitro. <i>Nanomaterials</i> , 2020, 10, 2071.	1.9	13
100	Tannylated Calcium Carbonate Materials with Antacid, Anti-Inflammatory, and Antioxidant Effects. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4614.	1.8	13
101	Multifunctional Tannic Acid-Alendronate Nanocomplexes with Antioxidant, Anti-Inflammatory, and Osteogenic Potency. <i>Nanomaterials</i> , 2021, 11, 1812.	1.9	13
102	Targeted theranostic photoactivation on atherosclerosis. <i>Journal of Nanobiotechnology</i> , 2021, 19, 338.	4.2	13
103	Hyaluronic Acid Derived from Other Streptococci Supports <i>Streptococcus pneumoniae</i> In Vitro Biofilm Formation. <i>BioMed Research International</i> , 2013, 2013, 1-7.	0.9	12
104	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
105	In Vitro Anti-Inflammation and Chondrogenic Differentiation Effects of Inclusion Nanocomplexes of Hyaluronic Acid-Beta Cyclodextrin and Simvastatin. <i>Tissue Engineering and Regenerative Medicine</i> , 2018, 15, 263-274.	1.6	12
106	Facile Fabrication of Oxygen-Releasing Tannylated Calcium Peroxide Nanoparticles. <i>Materials</i> , 2020, 13, 3864.	1.3	12
107	In Vitro Photodynamic Effects of the Inclusion Nanocomplexes of Glucan and Chlorin e6 on Atherogenic Foam Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 177.	1.8	12
108	Simultaneous production of 2- <i>O</i> -fucosyllactose and difucosyllactose by engineered <i>Escherichia coli</i> with high secretion efficiency. <i>Biotechnology Journal</i> , 2022, 17, e2100629.	1.8	12



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109	Versatile Chemical Derivatizations to Design Glycol Chitosan-Based Drug Carriers. <i>Molecules</i> , 2017, 22, 1662.	1.7	11
110	Simple surface biofunctionalization of biphasic calcium phosphates for improving osteogenic activity and bone tissue regeneration. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 68, 220-228.	2.9	11
111	Polysaccharide-based near-infrared fluorescence nanoprobes for cancer diagnosis. <i>Quantitative Imaging in Medicine and Surgery</i> , 2012, 2, 106-13.	1.1	11
112	Surface modification of titanium with $\beta$ -CD/polydopamine for a controlled release of lovastatin, and its effect on the enhanced osteogenic activity. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 49, 158-167.	2.9	9
113	Biom mineralized hybrid nanoparticles for imaging and therapy of cancers. <i>Quantitative Imaging in Medicine and Surgery</i> , 2018, 8, 694-708.	1.1	9
114	Visible Light-Cured Antibacterial Collagen Hydrogel Containing Water-Solubilized Triclosan for Improved Wound Healing. <i>Materials</i> , 2021, 14, 2270.	1.3	9
115	Oxygen-generating glycol chitosan-manganese dioxide nanoparticles enhance the photodynamic effects of chlorin e6 on activated macrophages in hypoxic conditions. <i>International Journal of Biological Macromolecules</i> , 2021, 184, 20-28.	3.6	9
116	Assessment of Collagen-Induced Arthritis Using Cyanine 5.5 Conjugated with Hydrophobically Modified Glycol Chitosan Nanoparticles: Correlation with $^{18}\text{F}$ -Fluorodeoxyglucose Positron Emission Tomography Data. <i>Korean Journal of Radiology</i> , 2012, 13, 450.	1.5	7
117	Facile synthesis of partially uncapped liposomes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 135, 143-149.	2.5	7
118	Lactoferrin-Anchored Tannylated Mesoporous Silica Nanomaterials for Enhanced Osteo-Differentiation Ability. <i>Pharmaceutics</i> , 2021, 13, 30.	2.0	7
119	Insight of key factors influencing tumor targeting characteristics of glycol chitosan-based nanoparticles and In vivo applications. <i>Macromolecular Research</i> , 2012, 20, 1109-1117.	1.0	6
120	The effects of functionalized titanium with alendronate and bone morphogenic protein-2 for improving osteoblast activity. <i>Tissue Engineering and Regenerative Medicine</i> , 2013, 10, 353-361.	1.6	6
121	Local delivery of recombinant human bone morphogenic protein-2 (rhBMP-2) from rhBMP-2/heparin complex fixed to a chitosan scaffold enhances osteoblast behavior. <i>Tissue Engineering and Regenerative Medicine</i> , 2014, 11, 163-170.	1.6	6
122	Improving Osteogenesis Activity on BMP-2-Immobilized PCL Fibers Modified by the $\beta$ -Ray Irradiation Technique. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	6
123	Biphasic Calcium Phosphate (BCP)-Immobilized Porous Poly (d,l-Lactic-co-Glycolic Acid) Microspheres Enhance Osteogenic Activities of Osteoblasts. <i>Polymers</i> , 2017, 9, 297.	2.0	6
124	Intravascular Optical Molecular Imaging of a Macrophage Subset Within Intraplaque Hemorrhages. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 371-372.	2.3	6
125	Intra-Articular Injection of Rebamipide-Loaded Nanoparticles Attenuate Disease Progression and Joint Destruction in Osteoarthritis Rat Model: A Pilot Study. <i>Cartilage</i> , 2022, 13, 194760352110692.	1.4	6
126	Subacute toxicity of all-trans-retinoic acid loaded biodegradable microspheres in rats. <i>Drug Development Research</i> , 2003, 59, 326-332.	1.4	5



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127	Chemopreventive efficacy of all-trans-retinoic acid in biodegradable microspheres against epithelial cancers: Results in a 4-nitroquinoline 1-oxide-induced oral carcinogenesis model. <i>International Journal of Pharmaceutics</i> , 2006, 320, 45-52.	2.6	5
128	Peptide-doxorubicin conjugates specifically degraded by matrix metalloproteinases expressed from tumor. <i>Drug Development Research</i> , 2006, 67, 438-447.	1.4	5
129	Fabrication of poly(L-lactide) porous beads coated with hydroxyapatite using a simple fluidic device for tissue engineering. <i>Macromolecular Research</i> , 2015, 23, 501-504.	1.0	5
130	Spectroscopic methods to analyze drug metabolites. <i>Archives of Pharmacal Research</i> , 2018, 41, 355-371.	2.7	5
131	Wrapping of tendon tissues with diclofenac-immobilized polycaprolactone fibrous sheet improves tendon healing in a rabbit model of collagenase-induced Achilles tendinitis. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 73, 152-161.	2.9	5
132	Investigating the In Vitro Osteogenic Properties of the Inclusion Nanocarrier of Icariin with Beta-Cyclodextrin-Alginate. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4137.	1.3	5
133	Cyclic RGDfK- and Sulfo-Cy5.5-functionalized mPEG-PCL theranostic nanosystems for hepatocellular carcinoma. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 99, 204-213.	2.9	5
134	Recombinant human bone morphogenic protein-2 (Rhbmp-2) immobilization onto the surface of apatite-coated titanium significantly promotes osteoblast function and mineralization. <i>Tissue Engineering and Regenerative Medicine</i> , 2012, 9, 216-223.	1.6	3
135	In vivo tumor targeting imaging of cyclic RGD-modified heparin derivative to $\alpha_5\beta_3$ -integrin expressing tumor. <i>Journal of Pharmaceutical Investigation</i> , 2012, 42, 9-14.	2.7	3
136	Therapeutic Efficacy of Intratendinous Delivery of Dexamethasone Using Porous Microspheres for Amelioration of Inflammation and Tendon Degeneration on Achilles Tendinitis in Rats. <i>BioMed Research International</i> , 2020, 2020, 1-11.	0.9	2
137	In vitro Therapeutic Effects of Folate Receptor-Targeted Delivery of Anti-Atherogenic Nanodrug on Macrophage Foam Cells. <i>Macromolecular Research</i> , 2022, 30, 703-706.	1.0	2
138	Augmentation of all-trans-retinoic acid concentration in plasma by preventing inflammation responses induced by atRA-loaded microspheres with concurrent treatment of dexamethasone. <i>Drug Development Research</i> , 2004, 61, 197-206.	1.4	0
139	The effect of an alendronate-eluting titanium system to induce osteogenic differentiation in human buccal fat cells (HBFCs). , 2012, , .		0
140	Enhanced effects of osteoclastogenesis inhibition by curcumin-delivering heparin nanoparticles. <i>Macromolecular Research</i> , 2014, 22, 647-656.	1.0	0
141	Optimization of the Preparation and Characterization of Tannylated-Albumin Nanoagents. <i>Macromolecular Research</i> , 2020, 28, 969-972.	1.0	0
142	Abstract 14935: Targeted Optical Molecular Imaging of Atheroma Calcification Using Novel Aldendronate-based Probe. <i>Circulation</i> , 2020, 142, .	1.6	0
143	Abstract 11653: Intravascular Targeted Photoactivation Guided by Optical Coherence Tomography-Near Infrared Fluorescence (OCT-NIRF) Imaging Promotes Stabilization of Atherosclerotic Plaques. <i>Circulation</i> , 2021, 144, .	1.6	0