

Kyeongsoon Park

List of Publications by Citations

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141
papers

7,377
citations

41
h-index

83
g-index

147
ext. papers

7,970
ext. citations

7.3
avg, IF

5.59
L-index

#	Paper	IF	Citations
141	Polymeric nanomedicine for cancer therapy. <i>Progress in Polymer Science</i> , 2008 , 33, 113-137	29.6	416
140	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, 208-18	11.7	380
139	New Generation of Multifunctional Nanoparticles for Cancer Imaging and Therapy. <i>Advanced Functional Materials</i> , 2009 , 19, 1553-1566	15.6	375
138	Super pH-sensitive multifunctional polymeric micelle for tumor pH(e) specific TAT exposure and multidrug resistance. <i>Journal of Controlled Release</i> , 2008 , 129, 228-36	11.7	352
137	Tumor-homing multifunctional nanoparticles for cancer theragnosis: Simultaneous diagnosis, drug delivery, and therapeutic monitoring. <i>Journal of Controlled Release</i> , 2010 , 146, 219-27	11.7	297
136	Antitumor efficacy of cisplatin-loaded glycol chitosan nanoparticles in tumor-bearing mice. <i>Journal of Controlled Release</i> , 2008 , 127, 41-9	11.7	292
135	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, 2804-7	16.4	286
134	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, 109-15	11.7	261
133	High-resolution three-photon biomedical imaging using doped ZnS nanocrystals. <i>Nature Materials</i> , 2013 , 12, 359-66	27	218
132	Effect of polymer molecular weight on the tumor targeting characteristics of self-assembled glycol chitosan nanoparticles. <i>Journal of Controlled Release</i> , 2007 , 122, 305-14	11.7	218
131	Oral protein delivery: Current status and future prospect. <i>Reactive and Functional Polymers</i> , 2011 , 71, 280-287	4.6	204
130	Self-assembled glycol chitosan nanoparticles for the sustained and prolonged delivery of antiangiogenic small peptide drugs in cancer therapy. <i>Biomaterials</i> , 2008 , 29, 1920-30	15.6	188
129	Polymers for bioimaging. <i>Progress in Polymer Science</i> , 2007 , 32, 1031-1053	29.6	166
128	Tumor specificity and therapeutic efficacy of photosensitizer-encapsulated glycol chitosan-based nanoparticles in tumor-bearing mice. <i>Biomaterials</i> , 2009 , 30, 2929-39	15.6	151
127	Polymeric nanoparticle-based activatable near-infrared nanosensor for protease determination in vivo. <i>Nano Letters</i> , 2009 , 9, 4412-6	11.5	135
126	Gentamicin and bone morphogenic protein-2 (BMP-2)-delivering heparinized-titanium implant with enhanced antibacterial activity and osteointegration. <i>Bone</i> , 2012 , 50, 974-82	4.7	133
125	Activatable imaging probes with amplified fluorescent signals. <i>Chemical Communications</i> , 2008 , 4250-605.8		132

124	Preparation and characterization of self-assembled nanoparticles of heparin-deoxycholic acid conjugates. <i>Langmuir</i> , 2004 , 20, 11726-31	4	130
123	Heparin-deoxycholic acid chemical conjugate as an anticancer drug carrier and its antitumor activity. <i>Journal of Controlled Release</i> , 2006 , 114, 300-6	11.7	129
122	Tumor targeting chitosan nanoparticles for dual-modality optical/MR cancer imaging. <i>Bioconjugate Chemistry</i> , 2010 , 21, 578-82	6.3	126
121	Real-time and non-invasive optical imaging of tumor-targeting glycol chitosan nanoparticles in various tumor models. <i>Biomaterials</i> , 2011 , 32, 5252-61	15.6	116
120	Doxorubicin loaded pH-sensitive micelle: antitumoral efficacy against ovarian A2780/DOXR tumor. <i>Pharmaceutical Research</i> , 2008 , 25, 2074-82	4.5	108
119	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, 217-23	11.7	80
118	A Near-Infrared-Fluorescence-Quenched Gold-Nanoparticle Imaging Probe for In Vivo Drug Screening and Protease Activity Determination. <i>Angewandte Chemie</i> , 2008 , 120, 2846-2849	3.6	78
117	Heparin/poly(L-lysine) nanoparticle-coated polymeric microspheres for stem-cell therapy. <i>Journal of the American Chemical Society</i> , 2007 , 129, 5788-9	16.4	72
116	Dark quenched matrix metalloproteinase fluorogenic probe for imaging osteoarthritis development in vivo. <i>Bioconjugate Chemistry</i> , 2008 , 19, 1743-7	6.3	71
115	MMPs-specific PEGylated peptide-DOX conjugate micelles that can contain free doxorubicin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007 , 67, 646-54	5.7	68
114	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, 560-9	6	67
113	Improved antitumor activity and tumor targeting of NH(2)-terminal-specific PEGylated tumor necrosis factor-related apoptosis-inducing ligand. <i>Molecular Cancer Therapeutics</i> , 2010 , 9, 1719-29	6.1	61
112	Electrical pulsed stimulation of surfaces homogeneously coated with gold nanoparticles to induce neurite outgrowth of PC12 cells. <i>Langmuir</i> , 2009 , 25, 451-7	4	61
111	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	6.3	55
110	Fabrication of a BMP-2-immobilized porous microsphere modified by heparin for bone tissue engineering. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 134, 453-60	6	50
109	Hyaluronated fullerenes with photoluminescent and antitumoral activity. <i>Chemical Communications</i> , 2013 , 49, 282-4	5.8	50
108	Protein-phosphorylation-responsive polymeric nanoparticles for imaging protein kinase activities in single living cells. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 5779-82	16.4	50
107	Improving osteoblast functions and bone formation upon BMP-2 immobilization on titanium modified with heparin. <i>Carbohydrate Polymers</i> , 2014 , 114, 123-132	10.3	47

106	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, 707-16	5.4	46
105	Cell adhesion and in vivo osseointegration of sandblasted/acid etched/anodized dental implants. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 10324-36	6.3	45
104	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	9.5	45
103	PLGA microsphere construct coated with TGF-beta 3 loaded nanoparticles for neocartilage formation. <i>Biomacromolecules</i> , 2008 , 9, 2162-9	6.9	45
102	A novel near-infrared fluorescence chemosensor for copper ion detection using click ligation and energy transfer. <i>Chemical Communications</i> , 2013 , 49, 5969-71	5.8	42
101	Tumor endothelial cell targeted cyclic RGD-modified heparin derivative: inhibition of angiogenesis and tumor growth. <i>Pharmaceutical Research</i> , 2008 , 25, 2786-98	4.5	42
100	Intravascular optical imaging of high-risk plaques in vivo by targeting macrophage mannose receptors. <i>Scientific Reports</i> , 2016 , 6, 22608	4.9	40
99	In vivo 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	11.7	39
98	Osteogenesis induction of periodontal ligament cells onto bone morphogenic protein-2 immobilized PCL fibers. <i>Carbohydrate Polymers</i> , 2014 , 99, 700-9	10.3	38
97	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, 253-60	11.7	38
96	Preparation of poly-L-lysine-based nanoparticles with pH-sensitive release of curcumin for targeted imaging and therapy of liver cancer in vitro and in vivo. <i>Drug Delivery</i> , 2018 , 25, 950-960	7	37
95	Antimetastatic effect of an orally active heparin derivative on experimentally induced metastasis. <i>Clinical Cancer Research</i> , 2008 , 14, 2841-9	12.9	37
94	The attenuation of experimental lung metastasis by a bile acid acylated-heparin derivative. <i>Biomaterials</i> , 2007 , 28, 2667-76	15.6	37
93	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	6	36
92	Antiangiogenic and apoptotic properties of a novel amphiphilic folate-heparin-lithocholate derivative having cellular internality for cancer therapy. <i>Pharmaceutical Research</i> , 2007 , 24, 705-14	4.5	36
91	Antiangiogenic effect of bile acid acylated heparin derivative. <i>Pharmaceutical Research</i> , 2007 , 24, 176-85	4.5	36
90	Multicomponent, Tumor-Homing Chitosan Nanoparticles for Cancer Imaging and Therapy. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	35
89	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, 3005-13	4.13	34

88	Preparation and characterization of hyaluronic acid-based hydrogel nanoparticles. <i>Journal of Physics and Chemistry of Solids</i> , 2008 , 69, 1591-1595	3.9	33
87	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, E219-28	4.4	32
86	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, 1080-90	4	31
85	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, 2739-495	4.5	28
84	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, 145-8	7.5	28
83	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, 861-70	3.5	28
82	The use of chondrogenic differentiation drugs to induce stem cell differentiation using double bead microsphere structure. <i>Biomaterials</i> , 2008 , 29, 2490-500	15.6	26
81	Stability and bioactivity of nanocomplex of TNF-related apoptosis-inducing ligand. <i>International Journal of Pharmaceutics</i> , 2008 , 363, 149-54	6.5	26
80	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	6	25
79	Insight of current technologies for oral delivery of proteins and peptides. <i>Drug Discovery Today: Technologies</i> , 2012 , 9, e71-e174	7.1	25
78	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	16.7	25
77	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	3.5	25
76	The effect of titanium with heparin/BMP-2 complex for improving osteoblast activity. <i>Carbohydrate Polymers</i> , 2013 , 98, 546-54	10.3	24
75	Glycol chitosan-based fluorescent theranostic nanoagents for cancer therapy. <i>Marine Drugs</i> , 2014 , 12, 6038-57	6	23
74	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	6.3	22
73	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	4.5	22
72	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	6.3	22
71	Triple constructs consisting of nanoparticles and microspheres for bone-marrow-derived stromal-cell-delivery microscaffolds. <i>Small</i> , 2008 , 4, 1950-5	11	22

70	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	10.3	22
69	Cationic analog of deoxycholate as an oral delivery carrier for ceftriaxone. <i>Journal of Pharmaceutical Sciences</i> , 2005 , 94, 2541-8	3.9	21
68	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,	6.3	20
67	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, 963-72	2.8	20
66	Near-infrared fluorescence imaging using a protease-specific probe for the detection of colon tumors. <i>Gut and Liver</i> , 2010 , 4, 488-97	4.8	20
65	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	3.5	19
64	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,	6.3	19
63	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, 230152	3	18
62	Combination therapy of heparin-deoxycholic acid conjugate and doxorubicin against squamous cell carcinoma and B16F10 melanoma. <i>Pharmaceutical Research</i> , 2008 , 25, 268-76	4.5	18
61	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, 191-8	6	17
60	Detection of active matrix metalloproteinase-3 in serum and fibroblast-like synoviocytes of collagen-induced arthritis mice. <i>Bioconjugate Chemistry</i> , 2013 , 24, 1068-74	6.3	16
59	In vitro photodynamic effects of scavenger receptor targeted-photoactivatable nanoagents on activated macrophages. <i>International Journal of Biological Macromolecules</i> , 2017 , 97, 181-189	7.9	15
58	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, 167-79	11.7	15
57	Therapeutic Effects of Targeted PPAR γ Activation on Inflamed High-Risk Plaques Assessed by Serial Optical Imaging In Vivo. <i>Theranostics</i> , 2018 , 8, 45-60	12.1	15
56	Protein-Phosphorylation-Responsive Polymeric Nanoparticles for Imaging Protein Kinase Activities in Single Living Cells. <i>Angewandte Chemie</i> , 2007 , 119, 5881-5884	3.6	14
55	Biomaterials for the Treatment of Tendon Injury. <i>Tissue Engineering and Regenerative Medicine</i> , 2019 , 16, 467-477	4.5	13
54	Preparation of redox-sensitive ECD-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	6.3	13
53	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	4.8	13

52	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	6.3	12
51	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	6.5	11
50	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	10.3	11
49	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	7.9	10
48	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	4.5	10
47	Polysaccharide-based near-infrared fluorescence nanoprobe for cancer diagnosis. <i>Quantitative Imaging in Medicine and Surgery</i> , 2012 , 2, 106-13	3.6	10
46	Recent Advances of Biphasic Calcium Phosphate Bioceramics for Bone Tissue Regeneration. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1250, 177-188	3.6	10
45	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	6.3	10
44	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, 1450-8	5.6	9
43	Alendronate-Eluting Biphasic Calcium Phosphate (BCP) Scaffolds Stimulate Osteogenic Differentiation. <i>BioMed Research International</i> , 2015 , 2015, 320713	3	9
42	Versatile Chemical Derivatizations to Design Glycol Chitosan-Based Drug Carriers. <i>Molecules</i> , 2017 , 22,	4.8	8
41	Accelerated Osteogenic Differentiation of MC3T3-E1 Cells by Lactoferrin-Conjugated Nanodiamonds through Enhanced Anti-Oxidant and Anti-Inflammatory Effects. <i>Nanomaterials</i> , 2019 , 10,	5.4	8
40	Surface modification of titanium with ECD/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	6.3	7
39	Hyaluronic Acid-Conjugated Mesoporous Silica Nanoparticles Loaded with Dual Anticancer Agents for Chemophotodynamic Cancer Therapy. <i>Journal of Nanomaterials</i> , 2019 , 2019, 1-11	3.2	7
38	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	6.3	7
37	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	14.3	7
36	Facile synthesis of partially uncapped liposomes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 135, 143-149		6
35	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	4.5	6

34	Biphasic Calcium Phosphate (BCP)-Immobilized Porous Poly (d,l-Lactic-co-Glycolic Acid) Microspheres Enhance Osteogenic Activities of Osteoblasts. <i>Polymers</i> , 2017 , 9,	4.5	6
33	Assessment of collagen-induced arthritis using cyanine 5.5 conjugated with hydrophobically modified glycol chitosan nanoparticles: correlation with 18F-fluorodeoxyglucose positron emission tomography data. <i>Korean Journal of Radiology</i> , 2012 , 13, 450-7	6.9	6
32	Hyaluronic acid derived from other streptococci supports Streptococcus pneumoniae in vitro biofilm formation. <i>BioMed Research International</i> , 2013 , 2013, 690217	3	6
31	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	4.5	5
30	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	1.9	5
29	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	1.9	5
28	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	6.5	5
27	Icariin-Functionalized Nanodiamonds to Enhance Osteogenic Capacity In Vitro. <i>Nanomaterials</i> , 2020 , 10,	5.4	5
26	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	6.3	4
25	Spectroscopic methods to analyze drug metabolites. <i>Archives of Pharmacal Research</i> , 2018 , 41, 355-371	6.1	4
24	Improving Osteogenesis Activity on BMP-2-Immobilized PCL Fibers Modified by the β Ray Irradiation Technique. <i>BioMed Research International</i> , 2015 , 2015, 302820	3	4
23	Peptide-doxorubicin conjugates specifically degraded by matrix metalloproteinases expressed from tumor. <i>Drug Development Research</i> , 2006 , 67, 438-447	5.1	4
22	Subacute toxicity of all-trans-retinoic acid loaded biodegradable microspheres in rats. <i>Drug Development Research</i> , 2003 , 59, 326-332	5.1	4
21	In Vitro Photodynamic Effects of the Inclusion Nanocomplexes of Glucan and Chlorin e6 on Atherogenic Foam Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 22,	6.3	4
20	Facile Fabrication of Oxygen-Releasing Tannylated Calcium Peroxide Nanoparticles. <i>Materials</i> , 2020 , 13,	3.5	4
19	Visible Light-Cured Antibacterial Collagen Hydrogel Containing Water-Solubilized Triclosan for Improved Wound Healing. <i>Materials</i> , 2021 , 14,	3.5	4
18	Multifunctional Tannic Acid-Alendronate Nanocomplexes with Antioxidant, Anti-Inflammatory, and Osteogenic Potency. <i>Nanomaterials</i> , 2021 , 11,	5.4	4
17	Macrophage targeted theranostic strategy for accurate detection and rapid stabilization of the inflamed high-risk plaque. <i>Theranostics</i> , 2021 , 11, 8874-8893	12.1	4

16	Biom mineralized hybrid nanoparticles for imaging and therapy of cancers. <i>Quantitative Imaging in Medicine and Surgery</i> , 2018 , 8, 694-708	3.6	4
15	Intravascular Optical Molecular Imaging of α Macrophage Subset Within Intraplaque Hemorrhages. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 371-372	8.4	3
14	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	4.5	3
13	In vivo tumor targeting imaging of cyclic RGD-modified heparin derivative to α B-integrin expressing tumor. <i>Journal of Pharmaceutical Investigation</i> , 2012 , 42, 9-14	6.3	3
12	Simultaneous production of 2Sfucosyllactose and difucosyllactose by engineered Escherichia coli with high secretion efficiency.. <i>Biotechnology Journal</i> , 2022 , e2100629	5.6	3
11	Lactoferrin-Anchored Tannylated Mesoporous Silica Nanomaterials for Enhanced Osteo-Differentiation Ability. <i>Pharmaceutics</i> , 2020 , 13,	6.4	3
10	Tannylated Calcium Carbonate Materials with Antacid, Anti-Inflammatory, and Antioxidant Effects. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
9	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	6.3	2
8	Investigating the In Vitro Osteogenic Properties of the Inclusion Nanocarrier of Icaritin with Beta-Cyclodextrin-Alginate. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 4137	2.6	1
7	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, 5052028	3	1
6	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	7.9	1
5	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, 19476035211069250	3	0
4	Targeted theranostic photoactivation on atherosclerosis. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 338	9.4	0
3	Enhanced effects of osteoclastogenesis inhibition by curcumin-delivering heparin nanoparticles. <i>Macromolecular Research</i> , 2014 , 22, 647-656	1.9	
2	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	5.1	
1	Optimization of the Preparation and Characterization of Tannylated-Albumin Nanoagents. <i>Macromolecular Research</i> , 2020 , 28, 969-972	1.9	