

Donghyun Lee

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Thiolate poly(lactic-co-glycolic acid) nanofibers loaded with dexamethasone and ropivacaine show enhanced sustained release in the treatment of neuropathic pain through a local therapy technique. Chemical Engineering Journal, 2022, 431, 133356.	12.7	4
2	Immediately implantable extracellular matrix-enriched osteoinductive hydrogel-laden 3D-printed scaffold for promoting vascularized bone regeneration in vivo. Materials and Design, 2022, 219, 110801.	7.0	6
3	Facile Preparation of β -Cyclodextrin-grafted Chitosan Electrospun Nanofibrous Scaffolds as a Hydrophobic Drug Delivery Vehicle for Tissue Engineering Applications. ACS Omega, 2021, 6, 28307-28315.	3.5	12
4	Comparison of polysaccharides in articular cartilage regeneration associated with chondrogenic and autophagy-related gene expression. International Journal of Biological Macromolecules, 2020, 146, 922-930.	7.5	19
5	Strategy to inhibit effective differentiation of RANKL-induced osteoclasts using vitamin D-conjugated gold nanoparticles. Applied Surface Science, 2020, 527, 146765.	6.1	12
6	Vitamin D-conjugated gold nanoparticles as functional carriers to enhancing osteogenic differentiation. Science and Technology of Advanced Materials, 2019, 20, 826-836.	6.1	33
7	Anti-neuroinflammatory gold nanocomplex loading ursodeoxycholic acid following spinal cord injury. Chemical Engineering Journal, 2019, 375, 122088.	12.7	21
8	Simple and facile preparation of recombinant human bone morphogenetic protein-2 immobilized titanium implant via initiated chemical vapor deposition technique to promote osteogenesis for bone tissue engineering application. Materials Science and Engineering C, 2019, 100, 949-958.	7.3	39
9	Ursodeoxycholic Acid Inhibits Inflammatory Responses and Promotes Functional Recovery After Spinal Cord Injury in Rats. Molecular Neurobiology, 2019, 56, 267-277.	4.0	50
10	Poly(lactide-co-glycolide) nanofibrous scaffolds chemically coated with gold-nanoparticles as osteoinductive agents for osteogenesis. Applied Surface Science, 2018, 432, 300-307.	6.1	35
11	Injectable hydrogel composite containing modified gold nanoparticles: implication in bone tissue regeneration. International Journal of Nanomedicine, 2018, Volume 13, 7019-7031.	6.7	57
12	Fabrication and design of bioactive agent coated, highly-aligned electrospun matrices for nerve tissue engineering: Preparation, characterization and application. Applied Surface Science, 2017, 424, 359-367.	6.1	16
13	Flexible and Highly Biocompatible Nanofiber-Based Electrodes for Neural Surface Interfacing. ACS Nano, 2017, 11, 2961-2971.	14.6	62
14	The use of heparin chemistry to improve dental osteogenesis associated with implants. Carbohydrate Polymers, 2017, 157, 1750-1758.	10.2	15
15	Preparation of mechanically enhanced hydrogel scaffolds by incorporating interfacial polymer nanorods for nerve electrode application. Fibers and Polymers, 2017, 18, 2248-2254.	2.1	5
16	Preparation of Electrospun Fibrous Scaffold Containing Silver Sulfadiazine for Biomedical Applications. Journal of Nanoscience and Nanotechnology, 2016, 16, 8554-8558.	0.9	10
17	Multifunctional hydrogel coatings on the surface of neural cuff electrode for improving electrode-nerve tissue interfaces. Acta Biomaterialia, 2016, 39, 25-33.	8.3	71
18	Use of Baicalin-Conjugated Gold Nanoparticles for Apoptotic Induction of Breast Cancer Cells. Nanoscale Research Letters, 2016, 11, 381.	5.7	38

#	ARTICLE	IF	CITATIONS
19	Inhibition of Osteoclast Differentiation and Bone Resorption by Bisphosphonate-conjugated Gold Nanoparticles. Scientific Reports, 2016, 6, 27336.	3.3	67
20	Poly(L-Lactic Acid)/Gelatin Fibrous Scaffold Loaded with Simvastatin/Beta-Cyclodextrin-Modified Hydroxyapatite Inclusion Complex for Bone Tissue Regeneration. Macromolecular Bioscience, 2016, 16, 1027-1038.	4.1	44
21	Surface modification of 3D-printed porous scaffolds via mussel-inspired polydopamine and effective immobilization of rhBMP-2 to promote osteogenic differentiation for bone tissue engineering. Acta Biomaterialia, 2016, 40, 182-191.	8.3	175
22	Titanium dental implants surface-immobilized with gold nanoparticles as osteoinductive agents for rapid osseointegration. Journal of Colloid and Interface Science, 2016, 469, 129-137.	9.4	87
23	Generation of functionalized polymer nanolayer on implant surface via initiated chemical vapor deposition (iCVD). Journal of Colloid and Interface Science, 2015, 439, 34-41.	9.4	29