

Hyeon-Ki Jang

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

746
citations

623574

14
h-index

642610

23
g-index

24
all docs

24
docs citations

24
times ranked

1672
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple isogenic GNE-myopathy modeling with mutation specific phenotypes from human pluripotent stem cells by base editors. <i>Biomaterials</i> , 2022, 282, 121419.	5.7	11
2	High-purity production and precise editing of DNA base editing ribonucleoproteins. <i>Science Advances</i> , 2021, 7, .	4.7	43
3	Quantitative assessment of engineered Cas9 variants for target specificity enhancement by single-molecule reaction pathway analysis. <i>Nucleic Acids Research</i> , 2021, 49, 11312-11322.	6.5	9
4	Safe scarless cassette-free selection of genome-edited human pluripotent stem cells using temporary drug resistance. <i>Biomaterials</i> , 2020, 262, 120295.	5.7	17
5	Current trends in gene recovery mediated by the CRISPR-Cas system. <i>Experimental and Molecular Medicine</i> , 2020, 52, 1016-1027.	3.2	30
6	i-Silence, Please! An Alternative for Gene Disruption via Adenine Base Editors. <i>Molecular Therapy</i> , 2020, 28, 348-349.	3.7	3
7	Anti-atherogenic Effect of Stem Cell Nanovesicles Targeting Disturbed Flow Sites. <i>Small</i> , 2020, 16, e2000012.	5.2	14
8	A Disposable Photovoltaic Patch Controlling Cellular Microenvironment for Wound Healing. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3025.	1.8	12
9	Therapeutic Angiogenesis via Solar Cell-Facilitated Electrical Stimulation. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 38344-38355.	4.0	29
10	Therapeutic angiogenesis using tumor cell-conditioned medium. <i>Biotechnology Progress</i> , 2016, 32, 456-464.	1.3	9
11	In vivo monitoring of angiogenesis in a mouse hindlimb ischemia model using fluorescent peptide-based probes. <i>Amino Acids</i> , 2016, 48, 1641-1654.	1.2	3
12	Enhanced biocompatibility in poly(3-hexylthiophene)-based organic thin-film transistors upon blending with poly(2-(2-acetoxyacetyl)ethyl methacrylate). <i>RSC Advances</i> , 2016, 6, 16540-16547.	1.7	5
13	A Dual Delivery of Substance P and Bone Morphogenetic Protein-2 for Mesenchymal Stem Cell Recruitment and Bone Regeneration. <i>Tissue Engineering - Part A</i> , 2015, 21, 1275-1287.	1.6	37
14	pH-triggered release of manganese from MnAu nanoparticles that enables cellular neuronal differentiation without cellular toxicity. <i>Biomaterials</i> , 2015, 55, 33-43.	5.7	28
15	Mesenchymal Stem Cells Aggregate and Deliver Gold Nanoparticles to Tumors for Photothermal Therapy. <i>ACS Nano</i> , 2015, 9, 9678-9690.	7.3	155
16	Conditioned medium of adipose-derived stromal cell culture in three-dimensional bioreactors for enhanced wound healing. <i>Journal of Surgical Research</i> , 2015, 194, 8-17.	0.8	36
17	Efficacious and Clinically Relevant Conditioned Medium of Human Adipose-derived Stem Cells for Therapeutic Angiogenesis. <i>Molecular Therapy</i> , 2014, 22, 862-872.	3.7	135
18	Bone morphogenetic protein-2 for bone regeneration – Dose reduction through graphene oxide-based delivery. <i>Carbon</i> , 2014, 78, 428-438.	5.4	38

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19	Therapeutic angiogenesis by a myoblast layer harvested by tissue transfer printing from cell-adhesive, thermosensitive hydrogels. <i>Biomaterials</i> , 2013, 34, 8258-8268.	5.7	19
20	Modulation of BMP-2-Induced Chondrogenic Versus Osteogenic Differentiation of Human Mesenchymal Stem Cells by Cell-Specific Extracellular Matrices. <i>Tissue Engineering - Part A</i> , 2013, 19, 49-58.	1.6	45
21	3,4-Dihydroxyphenylalanine-Assisted Hydroxyapatite Nanoparticle Coating on Polymer Scaffolds for Efficient Osteoconduction. <i>Tissue Engineering - Part C: Methods</i> , 2012, 18, 245-251.	1.1	22
22	Efficient formation of cell spheroids using polymer nanofibers. <i>Biotechnology Letters</i> , 2012, 34, 795-803.	1.1	21
23	Modulation of Stem Cell Differentiation with Biomaterials. <i>International Journal of Stem Cells</i> , 2010, 3, 80-84.	0.8	17