

Hyun-Ji Park

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2245178/publications.pdf>

Version: 2024-02-01

39
papers

1,728
citations

361045

20
h-index

315357

38
g-index

42
all docs

42
docs citations

42
times ranked

3398
citing authors

#	ARTICLE	IF	CITATIONS
1	Using computational methods to design patient-specific electrospun cardiac patches for pediatric heart failure. <i>Biomaterials</i> , 2022, 283, 121421.	5.7	2
2	Comparative computational RNA analysis of cardiac-derived progenitor cells and their extracellular vesicles. <i>Genomics</i> , 2022, 114, 110349.	1.3	4
3	Engineering Cardiac Small Extracellular Vesicle-Derived Vehicles with Thin-Film Hydration for Customized microRNA Loading. <i>Journal of Cardiovascular Development and Disease</i> , 2021, 8, 135.	0.8	5
4	Bidirectional Relationship Between Cardiac Extracellular Matrix and Cardiac Cells in Ischemic Heart Disease. <i>Stem Cells</i> , 2021, 39, 1650-1659.	1.4	2
5	Microengineered human blood-brain barrier platform for understanding nanoparticle transport mechanisms. <i>Nature Communications</i> , 2020, 11, 175.	5.8	236
6	Biomimetic nanovesicle design for cardiac tissue repair. <i>Nanomedicine</i> , 2020, 15, 1873-1896.	1.7	14
7	A Surface-Tailoring Method for Rapid Non-Thermosensitive Cell Sheet Engineering via Functional Polymer Coatings. <i>Advanced Materials</i> , 2020, 32, e1907225.	11.1	31
8	Anti-Atherogenic Effect of Stem Cell Nanovesicles Targeting Disturbed Flow Sites. <i>Small</i> , 2020, 16, e2000012.	5.2	14
9	In Vitro Alzheimer's Disease Modeling Using Stem Cells. , 2020, , 263-285.		0
10	PEGylated substance P augments therapeutic angiogenesis in diabetic critical limb ischemia. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 78, 396-409.	2.9	8
11	High-density lipoprotein-mimicking nanodiscs carrying peptide for enhanced therapeutic angiogenesis in diabetic hindlimb ischemia. <i>Biomaterials</i> , 2018, 161, 69-80.	5.7	29
12	High-resolution acoustophoretic 3D cell patterning to construct functional collateral cylindroids for ischemia therapy. <i>Nature Communications</i> , 2018, 9, 5402.	5.8	116
13	High-density lipoprotein mimetic nanotherapeutics for cardiovascular and neurodegenerative diseases. <i>Nano Research</i> , 2018, 11, 5130-5143.	5.8	8
14	Enhanced Self-Renewal and Accelerated Differentiation of Human Fetal Neural Stem Cells Using Graphene Oxide Nanoparticles. <i>Macromolecular Bioscience</i> , 2017, 17, 1600540.	2.1	19
15	In Situ Bone Tissue Engineering With an Endogenous Stem Cell Mobilizer and Osteoinductive Nanofibrous Polymeric Scaffolds. <i>Biotechnology Journal</i> , 2017, 12, 1700062.	1.8	30
16	Triboelectric Nanogenerator Accelerates Highly Efficient Nonviral Direct Conversion and In Vivo Reprogramming of Fibroblasts to Functional Neuronal Cells. <i>Advanced Materials</i> , 2016, 28, 7365-7374.	11.1	90
17	Bioengineered Extracellular Membranous Nanovesicles for Efficient Small-Interfering RNA Delivery: Versatile Platforms for Stem Cell Engineering and In Vivo Delivery. <i>Advanced Functional Materials</i> , 2016, 26, 5804-5817.	7.8	24
18	Multiphoton luminescent graphene quantum dots for in vivo tracking of human adipose-derived stem cells. <i>Nanoscale</i> , 2016, 8, 8512-8519.	2.8	35

#	ARTICLE	IF	CITATIONS
19	Catechol-Functionalized Hyaluronic Acid Hydrogels Enhance Angiogenesis and Osteogenesis of Human Adipose-Derived Stem Cells in Critical Tissue Defects. <i>Biomacromolecules</i> , 2016, 17, 1939-1948.	2.6	113
20	Inhibition of hepatitis C virus in mouse models by lipidoid nanoparticle-mediated systemic delivery of siRNA against PRK2. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 1489-1498.	1.7	26
21	Mussel Adhesion-Inspired Reverse Transfection Platform Enhances Osteogenic Differentiation and Bone Formation of Human Adipose-Derived Stem Cells. <i>Small</i> , 2016, 12, 6266-6278.	5.2	25
22	Nanovesicles: Bioengineered Extracellular Membranous Nanovesicles for Efficient Small-Interfering RNA Delivery: Versatile Platforms for Stem Cell Engineering and In Vivo Delivery (<i>Adv. Funct. Mater.</i>)	10.0	10
23	Galactosylated Lipidoid Nanoparticles for Delivery of Small Interfering RNA to Inhibit Hepatitis C Viral Replication In Vivo. <i>Advanced Healthcare Materials</i> , 2016, 5, 2931-2941.	3.9	15
24	Angiogenic Type I Collagen Extracellular Matrix Integrated with Recombinant Bacteriophages Displaying Vascular Endothelial Growth Factors. <i>Advanced Healthcare Materials</i> , 2016, 5, 205-212.	3.9	4
25	Inhibition of Hepatitis C Virus in Mice by a Small Interfering RNA Targeting a Highly Conserved Sequence in Viral IRES Pseudoknot. <i>PLoS ONE</i> , 2016, 11, e0146710.	1.1	22
26	Tissue Reconstruction: Tissue Adhesive Catechol-Modified Hyaluronic Acid Hydrogel for Effective, Minimally Invasive Cell Therapy (<i>Adv. Funct. Mater.</i> 25/2015). <i>Advanced Functional Materials</i> , 2015, 25, 3798-3798.	7.8	3
27	Tissue Adhesive Catechol-Modified Hyaluronic Acid Hydrogel for Effective, Minimally Invasive Cell Therapy. <i>Advanced Functional Materials</i> , 2015, 25, 3814-3824.	7.8	351
28	Bio-inspired oligovitronein-grafted surface for enhanced self-renewal and long-term maintenance of human pluripotent stem cells under feeder-free conditions. <i>Biomaterials</i> , 2015, 50, 127-139.	5.7	59
29	Recapitulation of in vivo-like paracrine signals of human mesenchymal stem cells for functional neuronal differentiation of human neural stem cells in a 3D microfluidic system. <i>Biomaterials</i> , 2015, 63, 177-188.	5.7	67
30	Cell-permeable mitochondrial ubiquinol-cytochrome c reductase binding protein induces angiogenesis in vitro and in vivo. <i>Cancer Letters</i> , 2015, 366, 52-60.	3.2	20
31	Reconstituting Vascular Microenvironment of Neural Stem Cell Niche in Three-Dimensional Extracellular Matrix. <i>Advanced Healthcare Materials</i> , 2014, 3, 1457-1464.	3.9	58
32	Implantable microfluidic device for the formation of three-dimensional vasculature by human endothelial progenitor cells. <i>Biotechnology and Bioengineering</i> , 2014, 19, 379-385.	1.4	16
33	Paper-based bioactive scaffolds for stem cell-mediated bone tissue engineering. <i>Biomaterials</i> , 2014, 35, 9811-9823.	5.7	93
34	Nonviral delivery for reprogramming to pluripotency and differentiation. <i>Archives of Pharmacal Research</i> , 2014, 37, 107-119.	2.7	15
35	Genetically Engineered Myoblast Sheet for Therapeutic Angiogenesis. <i>Biomacromolecules</i> , 2014, 15, 361-372.	2.6	19
36	Sonic hedgehog intradermal gene therapy using a biodegradable poly(β -amino esters) nanoparticle to enhance wound healing. <i>Biomaterials</i> , 2012, 33, 9148-9156.	5.7	51

#	ARTICLE	IF	CITATIONS
37	Nonviral delivery of genetic medicine for therapeutic angiogenesis. <i>Advanced Drug Delivery Reviews</i> , 2012, 64, 40-52.	6.6	64
38	Therapeutic angiogenesis using genetically engineered human endothelial cells. <i>Journal of Controlled Release</i> , 2012, 160, 515-524.	4.8	38
39	Bio-inspired polymer surfaces for reverse transfection of siRNA to enhance osteogenic differentiation and bone formation of human adipose-derived stem cells. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 4, .	2.0	0