

Yoonhee Jin

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,656
citations

361413

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477307

29
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docs citations

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times ranked

2929
citing authors

#	ARTICLE	IF	CITATIONS
1	Tissue Adhesive Catechol-Modified Hyaluronic Acid Hydrogel for Effective, Minimally Invasive Cell Therapy. <i>Advanced Functional Materials</i> , 2015, 25, 3814-3824.	14.9	351
2	Microfluidic device with brain extracellular matrix promotes structural and functional maturation of human brain organoids. <i>Nature Communications</i> , 2021, 12, 4730.	12.8	164
3	Three-Dimensional Electroconductive Hyaluronic Acid Hydrogels Incorporated with Carbon Nanotubes and Polypyrrole by Catechol-Mediated Dispersion Enhance Neurogenesis of Human Neural Stem Cells. <i>Biomacromolecules</i> , 2017, 18, 3060-3072.	5.4	144
4	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.	5.4	113
5	Vascularized Liver Organoids Generated Using Induced Hepatic Tissue and Dynamic Liver-Specific Microenvironment as a Drug Testing Platform. <i>Advanced Functional Materials</i> , 2018, 28, 1801954.	14.9	100
6	Tissue Tapes-Phenolic Hyaluronic Acid Hydrogel Patches for Off-Shell Therapy. <i>Advanced Functional Materials</i> , 2019, 29, 1903863.	14.9	97
7	Paper-based bioactive scaffolds for stem cell-mediated bone tissue engineering. <i>Biomaterials</i> , 2014, 35, 9811-9823.	11.4	93
8	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.	21.0	90
9	Three-dimensional brain-like microenvironments facilitate the direct reprogramming of fibroblasts into therapeutic neurons. <i>Nature Biomedical Engineering</i> , 2018, 2, 522-539.	22.5	86
10	Bio-artificial tongue with tongue extracellular matrix and primary taste cells. <i>Biomaterials</i> , 2018, 151, 24-37.	11.4	49
11	Functional Skeletal Muscle Regeneration with Thermally Drawn Porous Fibers and Reprogrammed Muscle Progenitors for Volumetric Muscle Injury. <i>Advanced Materials</i> , 2021, 33, e2007946.	21.0	40
12	Aligned Brain Extracellular Matrix Promotes Differentiation and Myelination of Human-Induced Pluripotent Stem Cell-Derived Oligodendrocytes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 15344-15353.	8.0	39
13	Nanostructured Tendon-Derived Scaffolds for Enhanced Bone Regeneration by Human Adipose-Derived Stem Cells. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 22819-22829.	8.0	33
14	Photoactive Poly(3-hexylthiophene) Nanoweb for Optoelectrical Stimulation to Enhance Neurogenesis of Human Stem Cells. <i>Theranostics</i> , 2017, 7, 4591-4604.	10.0	31
15	Tissue Beads: Tissue-Specific Extracellular Matrix Microbeads to Potentiate Reprogrammed Cell-Based Therapy. <i>Advanced Functional Materials</i> , 2019, 29, 1807803.	14.9	31
16	In Situ Bone Tissue Engineering With an Endogenous Stem Cell Mobilizer and Osteoinductive Nanofibrous Polymeric Scaffolds. <i>Biotechnology Journal</i> , 2017, 12, 1700062.	3.5	30
17	Intragenic CpG islands play important roles in bivalent chromatin assembly of developmental genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1885-E1894.	7.1	27
18	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.	10.0	25

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19	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.	14.9	24
20	Magnetic Control of Axon Navigation in Reprogrammed Neurons. <i>Nano Letters</i> , 2019, 19, 6517-6523.	9.1	22
21	Reconstruction of Muscle Fascicle-Like Tissues by Anisotropic 3D Patterning. <i>Advanced Functional Materials</i> , 2021, 31, 2006227.	14.9	21
22	Immunomodulatory Scaffolds Derived from Lymph Node Extracellular Matrices. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 14037-14049.	8.0	14
23	Bacterial tRNase ^H -Based Gene Therapy with Poly(¹² -Amino Ester) Nanoparticles for Suppressing Melanoma Tumor Growth and Relapse. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800052.	7.6	9
24	Biphasic Electrical Pulse by a Micropillar Electrode Array Enhances Maturation and Drug Response of Reprogrammed Cardiac Spheroids. <i>Nano Letters</i> , 2020, 20, 6947-6956.	9.1	7
25	Drug Screening: Vascularized Liver Organoids Generated Using Induced Hepatic Tissue and Dynamic Liver-Specific Microenvironment as a Drug Testing Platform (<i>Adv. Funct. Mater.</i> 37/2018). <i>Advanced Functional Materials</i> , 2018, 28, 1870266.	14.9	5
26	Bioengineering platforms for cell therapeutics derived from pluripotent and direct reprogramming. <i>APL Bioengineering</i> , 2021, 5, 031501.	6.2	4
27	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.	14.9	3
28	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>)	14.9	24