

Hongji Yan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9575609/publications.pdf>

Version: 2024-02-01

20
papers

424
citations

759055

12
h-index

752573

20
g-index

22
all docs

22
docs citations

22
times ranked

663
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic design of growth factor sequestering extracellular matrix mimetic hydrogel for promoting in vivo bone formation. <i>Biomaterials</i> , 2018, 161, 190-202.	5.7	74
2	Mild and Efficient Strategy for Site-Selective Aldehyde Modification of Glycosaminoglycans: Tailoring Hydrogels with Tunable Release of Growth Factor. <i>Biomacromolecules</i> , 2013, 14, 2427-2432.	2.6	55
3	Chondroitin Sulfate-Coated DNA-Nanoplexes Enhance Transfection Efficiency by Controlling Plasmid Release from Endosomes: A New Insight into Modulating Nonviral Gene Transfection. <i>Advanced Functional Materials</i> , 2015, 25, 3907-3915.	7.8	43
4	Immune-Informed Mucin Hydrogels Evade Fibrotic Foreign Body Response In Vivo. <i>Advanced Functional Materials</i> , 2019, 29, 1902581.	7.8	34
5	Glyco-Modification of Mucin Hydrogels to Investigate Their Immune Activity. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 19324-19336.	4.0	27
6	Rotary culture promotes the proliferation of MCF-7 cells encapsulated in three-dimensional collagen-alginate hydrogels via activation of the ERK1/2-MAPK pathway. <i>Biomedical Materials (Bristol)</i> , 2012, 7, 015003.	1.7	25
7	Reversible Condensation of Mucins into Nanoparticles. <i>Langmuir</i> , 2018, 34, 13615-13625.	1.6	20
8	Bioengineered tumor microenvironments with naked mole rats high-molecular-weight hyaluronan induces apoptosis in breast cancer cells. <i>Oncogene</i> , 2019, 38, 4297-4309.	2.6	18
9	Modulating the Bioactivity of Mucin Hydrogels with Crosslinking Architecture. <i>Advanced Functional Materials</i> , 2021, 31, 2008428.	7.8	17
10	Immune-Modulating Mucin Hydrogel Microdroplets for the Encapsulation of Cell and Microtissue. <i>Advanced Functional Materials</i> , 2021, 31, 2105967.	7.8	17
11	Hydrogels bearing bioengineered mimetic embryonic microenvironments for tumor reversion. <i>Journal of Materials Chemistry B</i> , 2016, 4, 6183-6191.	2.9	15
12	DNA Strands Trigger the Intracellular Release of Drugs from Mucin-Based Nanocarriers. <i>ACS Nano</i> , 2021, 15, 2350-2362.	7.3	14
13	Assessment of Oligo-Chitosan Biocompatibility toward Human Spermatozoa. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 46572-46584.	4.0	12
14	Self-assembled monolayers with different chemical group substrates for the study of MCF-7 breast cancer cell line behavior. <i>Biomedical Materials (Bristol)</i> , 2013, 8, 035008.	1.7	10
15	A three-dimensional in vitro culture model for primary neonatal rat ventricular myocytes. <i>Current Applied Physics</i> , 2012, 12, 826-833.	1.1	8
16	Expression of estrogen receptor β in human breast cancer cells regulates mitochondrial oxidative stress under simulated microgravity. <i>Advances in Space Research</i> , 2012, 49, 1432-1440.	1.2	8
17	A dual-transduction-integrated biosensing system to examine the 3D cell-culture for bone regeneration. <i>Biosensors and Bioelectronics</i> , 2019, 141, 111481.	5.3	8
18	3D Co-cultured Endothelial Cells and Monocytes Promoted Cancer Stem Cells' Stemness and Malignancy. <i>ACS Applied Bio Materials</i> , 2021, 4, 441-450.	2.3	7

#	ARTICLE	IF	CITATIONS
19	A novel 4D cell culture mimicking stomach peristalsis altered gastric cancer spheroids growth and malignance. <i>Biofabrication</i> , 2021, 13, 035034.	3.7	7
20	A novel nano delivery system targeting different stages of osteoclasts. <i>Biomaterials Science</i> , 2022, 10, 1821-1830.	2.6	5