

Jin Han

List of Publications by Year in descending order

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19
papers

1,505
citations

516710

16
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

2769
citing authors

#	ARTICLE	IF	CITATIONS
1	A framework for addressing senescent cell burden in the osteoarthritic knee. , 2022, , 309-334.		1
2	Computational reconstruction of the signalling networks surrounding implanted biomaterials from single-cell transcriptomics. Nature Biomedical Engineering, 2021, 5, 1228-1238.	22.5	40
3	Cell-Mimicking Nanoparticles for Cancer Immunotherapy. Advanced Materials, 2020, 32, e2003368.	21.0	73
4	IL-17 and immunologically induced senescence regulate response to injury in osteoarthritis. Journal of Clinical Investigation, 2020, 130, 5493-5507.	8.2	119
5	Dual Roles of Graphene Oxide To Attenuate Inflammation and Elicit Timely Polarization of Macrophage Phenotypes for Cardiac Repair. ACS Nano, 2018, 12, 1959-1977.	14.6	184
6	M1 Macrophage-Derived Nanovesicles Potentiate the Anticancer Efficacy of Immune Checkpoint Inhibitors. ACS Nano, 2018, 12, 8977-8993.	14.6	286
7	Reversible Cell Layering for Heterogeneous Cell Assembly Mediated by Ionic Cross-Linking of Chitosan and a Functionalized Cell Surface Membrane. Chemistry of Materials, 2017, 29, 5294-5305.	6.7	7
8	Cellular Layer-by-Layer Coculture Platform Using Biodegradable, Nanoarchitected Membranes for Stem Cell Therapy. Chemistry of Materials, 2017, 29, 5134-5147.	6.7	16
9	Therapeutic Angiogenesis via Solar Cell-Facilitated Electrical Stimulation. ACS Applied Materials & Interfaces, 2017, 9, 38344-38355.	8.0	29
10	Zinc Oxide Nanorod-Based Piezoelectric Dermal Patch for Wound Healing. Advanced Functional Materials, 2017, 27, 1603497.	14.9	132
11	Generation of Integration-Free Induced Neurons Using Graphene Oxide-Polyethylenimine. Small, 2017, 13, 1601993.	10.0	32
12	Therapeutic angiogenesis using tumor cell-conditioned medium. Biotechnology Progress, 2016, 32, 456-464.	2.6	9
13	Enhanced Bone Repair by Guided Osteoblast Recruitment Using Topographically Defined Implant. Tissue Engineering - Part A, 2016, 22, 654-664.	3.1	30
14	Iron Oxide Nanoparticle-Mediated Development of Cellular Gap Junction Crosstalk to Improve Mesenchymal Stem Cells' Therapeutic Efficacy for Myocardial Infarction. ACS Nano, 2015, 9, 2805-2819.	14.6	122
15	pH-triggered release of manganese from MnAu nanoparticles that enables cellular neuronal differentiation without cellular toxicity. Biomaterials, 2015, 55, 33-43.	11.4	28
16	Graphene Oxide Flakes as a Cellular Adhesive: Prevention of Reactive Oxygen Species Mediated Death of Implanted Cells for Cardiac Repair. ACS Nano, 2015, 9, 4987-4999.	14.6	203
17	Graphene Potentiates the Myocardial Repair Efficacy of Mesenchymal Stem Cells by Stimulating the Expression of Angiogenic Growth Factors and Gap Junction Protein. Advanced Functional Materials, 2015, 25, 2590-2600.	14.9	114
18	Integration of mesenchymal stem cells with nanobiomaterials for the repair of myocardial infarction. Advanced Drug Delivery Reviews, 2015, 95, 15-28.	13.7	34

#	ARTICLE	IF	CITATIONS
19	Nanofiber Coculture Membranes with Tunable Pore Architecture and Thermoresponsive Functionality for Transfer-Printable Stem Cell-Derived Cardiac Sheets. ACS Nano, 2015, 9, 10186-10202.	14.6	44