

# Gwang-Bum Im

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

241  
citations

1040056

9  
h-index

996975

15  
g-index

19  
all docs

19  
docs citations

19  
times ranked

293  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inorganic Nanoparticles Applied as Functional Therapeutics. <i>Advanced Functional Materials</i> , 2021, 31, 2008171.	14.9	51
2	NIR-vis-Induced pH-Sensitive TiO <sub>2</sub> Immobilized Carbon Dot for Controllable Membrane-Nuclei Targeting and Photothermal Therapy of Cancer Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 37929-37942.	8.0	35
3	Delivery of a spheroids-incorporated human dermal fibroblast sheet increases angiogenesis and M2 polarization for wound healing. <i>Biomaterials</i> , 2021, 275, 120954.	11.4	26
4	Enhancing the Wound Healing Effect of Conditioned Medium Collected from Mesenchymal Stem Cells with High Passage Number Using Bioreducible Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4835.	4.1	18
5	Endosome-triggered ion-releasing nanoparticles as therapeutics to enhance the angiogenic efficacy of human mesenchymal stem cells. <i>Journal of Controlled Release</i> , 2020, 324, 586-597.	9.9	18
6	Effect of polystyrene nanoplastics and their degraded forms on stem cell fate. <i>Journal of Hazardous Materials</i> , 2022, 430, 128411.	12.4	15
7	A Disposable Photovoltaic Patch Controlling Cellular Microenvironment for Wound Healing. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3025.	4.1	12
8	Fortifying the angiogenic efficacy of adipose derived stem cell spheroids using spheroid compaction. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 93, 228-236.	5.8	10
9	Regulation of intracellular transition metal ion level with a pH-sensitive inorganic nanocluster to improve therapeutic angiogenesis by enriching conditioned medium retrieved from human adipose derived stem cells. <i>Nano Convergence</i> , 2020, 7, 34.	12.1	10
10	Recent research trend in cell and drug delivery system for type 1 diabetes treatment. <i>Journal of Pharmaceutical Investigation</i> , 2018, 48, 175-185.	5.3	9
11	Bio-application of Inorganic Nanomaterials in Tissue Engineering. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1249, 115-130.	1.6	7
12	Development of a stem cell spheroid-encapsulated patch with high retention at skin wound site. <i>Bioengineering and Translational Medicine</i> , 2022, 7, .	7.1	7
13	Lightwave-reinforced stem cells with enhanced wound healing efficacy. <i>Journal of Tissue Engineering</i> , 2021, 12, 204173142110670.	5.5	6
14	Fabrication of Photothermal Film for Deicing Process Based on Gold Nano-Aggregate Encapsulated Yolk-Shell Structure. <i>Science of Advanced Materials</i> , 2021, 13, 1424-1429.	0.7	5
15	Anti-senescence ion-delivering nanocarrier for recovering therapeutic properties of long-term-cultured human adipose-derived stem cells. <i>Journal of Nanobiotechnology</i> , 2021, 19, 352.	9.1	4
16	Novel angiogenic metal nanoparticles controlling intracellular gene activation in stem cells. <i>Chemical Engineering Journal</i> , 2021, 419, 129487.	12.7	3
17	Phototoxicity-free blue light for enhancing therapeutic angiogenic efficacy of stem cells. <i>Cell Biology and Toxicology</i> , 2021, , 1.	5.3	3
18	Dual Ion Releasing Nanoparticles for Modulating Osteogenic Cellular Microenvironment of Human Mesenchymal Stem Cells. <i>Materials</i> , 2021, 14, 412.	2.9	2

#	ARTICLE	IF	CITATIONS
19	A Study on the Splitting of Large Gold Nanoparticles by Addition of Aqueous Ascorbic Acid. Science of Advanced Materials, 2021, 13, 1474-1478.	0.7	0