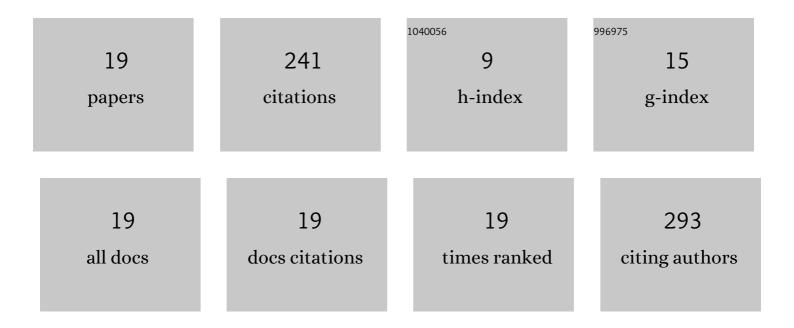
Gwang-Bum Im

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Inorganic Nanoparticles Applied as Functional Therapeutics. Advanced Functional Materials, 2021, 31, 2008171.	14.9	51
2	NIR-vis-Induced pH-Sensitive TiO ₂ Immobilized Carbon Dot for Controllable Membrane-Nuclei Targeting and Photothermal Therapy of Cancer Cells. ACS Applied Materials & Interfaces, 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. Biomaterials, 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. International Journal of Molecular Sciences, 2019, 20, 4835.	4.1	18
5	Endosome-triggered ion-releasing nanoparticles as therapeutics to enhance the angiogenic efficacy of human mesenchymal stem cells. Journal of Controlled Release, 2020, 324, 586-597.	9.9	18
6	Effect of polystyrene nanoplastics and their degraded forms on stem cell fate. Journal of Hazardous Materials, 2022, 430, 128411.	12.4	15
7	A Disposable Photovoltaic Patch Controlling Cellular Microenvironment for Wound Healing. International Journal of Molecular Sciences, 2018, 19, 3025.	4.1	12
8	Fortifying the angiogenic efficacy of adipose derived stem cell spheroids using spheroid compaction. Journal of Industrial and Engineering Chemistry, 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. Nano Convergence, 2020, 7, 34.	12.1	10
10	Recent research trend in cell and drug delivery system for type 1 diabetes treatment. Journal of Pharmaceutical Investigation, 2018, 48, 175-185.	5.3	9
11	Bio-application of Inorganic Nanomaterials in Tissue Engineering. Advances in Experimental Medicine and Biology, 2020, 1249, 115-130.	1.6	7
12	Development of a stem cell spheroidâ€laden patch with high retention at skin wound site. Bioengineering and Translational Medicine, 2022, 7, .	7.1	7
13	Lightwave-reinforced stem cells with enhanced wound healing efficacy. Journal of Tissue Engineering, 2021, 12, 204173142110670.	5.5	6
14	Fabrication of Photothermal Film for Deicing Process Based on Gold Nano-Aggregate Encapsulated Yolk-Shell Structure. Science of Advanced Materials, 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. Journal of Nanobiotechnology, 2021, 19, 352.	9.1	4
16	Novel angiogenic metal nanoparticles controlling intracellular gene activation in stem cells. Chemical Engineering Journal, 2021, 419, 129487.	12.7	3
17	Phototoxicity-free blue light for enhancing therapeutic angiogenic efficacy of stem cells. Cell Biology and Toxicology, 2021, , 1.	5.3	3
18	Dual Ion Releasing Nanoparticles for Modulating Osteogenic Cellular Microenvironment of Human Mesenchymal Stem Cells. Materials, 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