

Hyeok Jun Shin

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

195
citations

1478505

6
h-index

1720034

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all docs

7
docs citations

7
times ranked

332
citing authors

#	ARTICLE	IF	CITATIONS
1	Polydopamine-assisted one-step modification of nanofiber surfaces with adenosine to tune the osteogenic differentiation of mesenchymal stem cells and the maturation of osteoclasts. <i>Biomaterials Science</i> , 2020, 8, 2825-2839.	5.4	8
2	Effect of spatial arrangement and structure of hierarchically patterned fibrous scaffolds generated by a femtosecond laser on cardiomyoblast behavior. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 1732-1742.	4.0	5
3	Fabrication of in vitro 3D mineralized tissue by fusion of composite spheroids incorporating biomineral-coated nanofibers and human adipose-derived stem cells. <i>Acta Biomaterialia</i> , 2018, 74, 464-477.	8.3	44
4	Agglomeration of human dermal fibroblasts with ECM mimicking nano-fragments and their effects on proliferation and cell/ECM interactions. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 67, 80-91.	5.8	12
5	Engineering an aligned endothelial monolayer on a topologically modified nanofibrous platform with a micropatterned structure produced by femtosecond laser ablation. <i>Journal of Materials Chemistry B</i> , 2017, 5, 318-328.	5.8	42
6	Hybrid-spheroids incorporating ECM like engineered fragmented fibers potentiate stem cell function by improved cell/cell and cell/ECM interactions. <i>Acta Biomaterialia</i> , 2017, 64, 161-175.	8.3	66
7	Advanced capability of radially aligned fibrous scaffolds coated with polydopamine for guiding directional migration of human mesenchymal stem cells. <i>Journal of Materials Chemistry B</i> , 2017, 5, 8725-8737.	5.8	18