

Se-jeong Kim

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

654
citations

840585

11
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996849

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docs citations

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times ranked

1036
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of mechanical properties of gelatin methacryloyl hydrogels on encapsulated stem cell spheroids for 3D tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2022, 194, 903-913.	3.6	11
2	Spatially arranged encapsulation of stem cell spheroids within hydrogels for the regulation of spheroid fusion and cell migration. <i>Acta Biomaterialia</i> , 2022, 142, 60-72.	4.1	21
3	Surface engineering of 3D-printed scaffolds with minerals and a pro-angiogenic factor for vascularized bone regeneration. <i>Acta Biomaterialia</i> , 2022, 140, 730-744.	4.1	9
4	Evaluation of the anti-oxidative and ROS scavenging properties of biomaterials coated with epigallocatechin gallate for tissue engineering. <i>Acta Biomaterialia</i> , 2021, 124, 166-178.	4.1	40
5	One-step harvest and delivery of micropatterned cell sheets mimicking the multi-cellular microenvironment of vascularized tissue. <i>Acta Biomaterialia</i> , 2021, 132, 176-187.	4.1	13
6	Adipose-derived mesenchymal stem cell spheroid sheet accelerates regeneration of ulcerated oral mucosa by enhancing inherent therapeutic properties. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 91, 296-310.	2.9	8
7	Engineering Multi-cellular Spheroids for Tissue Engineering and Regenerative Medicine. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000608.	3.9	102
8	Collagen-Immobilized Extracellular FRET Reporter for Visualizing Protease Activity Secreted by Living Cells. <i>ACS Sensors</i> , 2020, 5, 655-664.	4.0	14
9	Fabrication of core-shell spheroids as building blocks for engineering 3D complex vascularized tissue. <i>Acta Biomaterialia</i> , 2019, 100, 158-172.	4.1	28
10	Lotus seedpod-inspired hydrogels as an all-in-one platform for culture and delivery of stem cell spheroids. <i>Biomaterials</i> , 2019, 225, 119534.	5.7	21
11	Current progress in application of polymeric nanofibers to tissue engineering. <i>Nano Convergence</i> , 2019, 6, 36.	6.3	188
12	Hydrogels with an embossed surface: An all-in-one platform for mass production and culture of human adipose-derived stem cell spheroids. <i>Biomaterials</i> , 2019, 188, 198-212.	5.7	60
13	Conductive biomaterials for tissue engineering applications. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 51, 12-26.	2.9	98
14	Oxygen-dependent generation of a graded polydopamine coating on nanofibrous materials for controlling stem cell functions. <i>Journal of Materials Chemistry B</i> , 2017, 5, 8865-8878.	2.9	8
15	Microcontact printing of polydopamine on thermally expandable hydrogels for controlled cell adhesion and delivery of geometrically defined microtissues. <i>Acta Biomaterialia</i> , 2017, 61, 75-87.	4.1	33