

Shweta Anil Kumar

List of Publications by Year in descending order

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11
papers

294
citations

1163117

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1281871

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g-index

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all docs

11
docs citations

11
times ranked

412
citing authors

#	ARTICLE	IF	CITATIONS
1	Bone tissue engineering techniques, advances, and scaffolds for treatment of bone defects. <i>Current Opinion in Biomedical Engineering</i> , 2021, 17, 100248.	3.4	79
2	A Visible Light-Cross-Linkable, Fibrin-Gelatin-Based Bioprinted Construct with Human Cardiomyocytes and Fibroblasts. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 4551-4563.	5.2	72
3	3D Bioprinting Stem Cell Derived Tissues. <i>Cellular and Molecular Bioengineering</i> , 2018, 11, 219-240.	2.1	58
4	Applications of stem cells and bioprinting for potential treatment of diabetes. <i>World Journal of Stem Cells</i> , 2019, 11, 13-32.	2.8	23
5	Fabrication of Surfactant-Dispersed HiPco Single-Walled Carbon Nanotube-Based Alginate Hydrogel Composites as Cellular Products. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4802.	4.1	14
6	A Contact-Based Method for Differentiation of Human Mesenchymal Stem Cells into an Endothelial Cell-Phenotype. <i>Cell Biochemistry and Biophysics</i> , 2018, 76, 187-195.	1.8	13
7	A Comparative Study of a 3D Bioprinted Gelatin-Based Lattice and Rectangular-Sheet Structures. <i>Gels</i> , 2018, 4, 73.	4.5	13
8	Hydrogel scaffolds with elasticity-mimicking embryonic substrates promote cardiac cellular network formation. <i>Progress in Biomaterials</i> , 2020, 9, 125-137.	4.5	11
9	Methods for histological characterization of cryo-induced myocardial infarction in a rat model. <i>Acta Histochemica</i> , 2020, 122, 151624.	1.8	4
10	Evolution of Radicals from the Photolysis of High Ionic Strength Alkaline Nitrite Solutions. <i>Journal of Physical Chemistry A</i> , 2020, 124, 3019-3025.	2.5	4
11	A Model for Studying the Biomechanical Effects of Varying Ratios of Collagen Types I and III on Cardiomyocytes. <i>Cardiovascular Engineering and Technology</i> , 2021, 12, 311-324.	1.6	3