

Lokesh Karthik Narayanan

List of Publications by Year in descending order

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papers

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1478280

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694
citing authors

#	ARTICLE	IF	CITATIONS
1	3D-Bioprinting of Polylactic Acid (PLA) Nanofiber-Alginate Hydrogel Bioink Containing Human Adipose-Derived Stem Cells. ACS Biomaterials Science and Engineering, 2016, 2, 1732-1742.	2.6	232
2	Cell-Laden Nanocellulose/Chitosan-Based Bioinks for 3D Bioprinting and Enhanced Osteogenic Cell Differentiation. ACS Applied Bio Materials, 2021, 4, 2342-2353.	2.3	66
3	Ultrasound-assisted biofabrication and bioprinting of preferentially aligned three-dimensional cellular constructs. Biofabrication, 2019, 11, 035015.	3.7	46
4	In vitro characterization of design and compressive properties of 3D-biofabricated/decellularized hybrid grafts for tracheal tissue engineering. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 59, 572-585.	1.5	27
5	Effects of Autoclaving, EtOH, and UV Sterilization on the Chemical, Mechanical, Printability, and Biocompatibility Characteristics of Alginate. ACS Biomaterials Science and Engineering, 2020, 6, 5191-5201.	2.6	18
6	Label free process monitoring of 3D bioprinted engineered constructs via dielectric impedance spectroscopy. Biofabrication, 2018, 10, 035012.	3.7	15
7	Investigating Dielectric Impedance Spectroscopy As a Non-Destructive Quality Assessment Tool for 3D Cellular Constructs. , 2017, , .		3
8	Experimental Characterization and Finite Element Modeling of the Effects of 3D Bioplotting Process Parameters on Structural and Tensile Properties of Polycaprolactone (PCL) Scaffolds. Applied Sciences (Switzerland), 2020, 10, 5289.	1.3	2