

Tanmay Jain

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

169
citations

1307594

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1372567

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docs citations

10
times ranked

161
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of cell density on the bioprinting of gelatin methacrylate (GelMA) bioinks. <i>Bioprinting</i> , 2021, 22, e00131.	5.8	20
2	Synthesis, Rheology, and Assessment of 3D Printability of Multifunctional Polyesters for Extrusion-Based Direct-Write 3D Printing. <i>ACS Applied Polymer Materials</i> , 2021, 3, 6618-6631.	4.4	9
3	Structural insight into the viscoelastic behaviour of elastomeric polyesters: effect of the nature of fatty acid side chains and the degree of unsaturation. <i>Polymer Chemistry</i> , 2020, 11, 5216-5224.	3.9	8
4	Thread Size and Polymer Composition of 3D Printed and Electrospun Wound Dressings Affect Wound Healing Outcomes in an Excisional Wound Rat Model. <i>Biomacromolecules</i> , 2020, 21, 4030-4042.	5.4	23
5	Introduction of Hydrogen Bonds Improves the Shape Fidelity of Viscoelastic 3D Printed Scaffolds While Maintaining Their Low-Temperature Printability. <i>Macromolecules</i> , 2020, 53, 3690-3699.	4.8	21
6	Role of pendant side-chain length in determining polymer 3D printability. <i>Polymer Chemistry</i> , 2019, 10, 5543-5554.	3.9	12
7	Effect of Dexamethasone on Room Temperature Three-Dimensional Printing, Rheology, and Degradation of a Low Modulus Polyester for Soft Tissue Engineering. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 846-858.	5.2	15
8	A hydrophilic coumarin-based polyester for ambient-temperature initiator-free 3D printing: Chemistry, rheology and interface formation. <i>Polymer</i> , 2018, 152, 9-17.	3.8	21
9	An Osteoconductive Antibiotic Bone Eluting Putty with a Custom Polymer Matrix. <i>Polymers</i> , 2016, 8, 247.	4.5	5
10	A Solvent and Initiator Free, Low-Modulus, Degradable Polyester Platform with Modular Functionality for Ambient-Temperature 3D Printing. <i>Macromolecules</i> , 2016, 49, 2429-2437.	4.8	35