

# CITATION REPORT

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Methylcellulose - a versatile printing material that enables biofabrication of tissue equivalents with high shape fidelity

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#	Paper	IF	Citations
45	3D Bioprinting of Lignocellulosic Biomaterials. <i>Advanced Healthcare Materials</i> , <b>2020</b> , 9, e2001472	10.1	24
44	Thermo-Responsive Methylcellulose Hydrogels: From Design to Applications as Smart Biomaterials. <i>Tissue Engineering - Part B: Reviews</i> , <b>2021</b> , 27, 486-513	7.9	11
43	3D printing of cell-laden electroconductive bioinks for tissue engineering applications. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 5862-5876	7.3	34
42	Submerged and non-submerged 3D bioprinting approaches for the fabrication of complex structures with the hydrogel pair GelMA and alginate/methylcellulose. <i>Additive Manufacturing</i> , <b>2021</b> , 37, 101640	6.1	7
41	Trends in 3D bioprinting for esophageal tissue repair and reconstruction. <i>Biomaterials</i> , <b>2021</b> , 267, 120465	5.6	8
40	Controlled Assembly of Luminescent Lanthanide-Organic Frameworks via Post-Treatment of 3D-Printed Objects. <i>Nano-Micro Letters</i> , <b>2020</b> , 13, 15	19.5	7
39	Synthesis and Fluorescent Thermoresponsive Properties of Tetraphenylethylene-Labeled Methylcellulose. <i>Macromolecular Rapid Communications</i> , <b>2021</b> , 42, e2000497	4.8	
38	Recent progress in extrusion 3D bioprinting of hydrogel biomaterials for tissue regeneration: a comprehensive review with focus on advanced fabrication techniques. <i>Biomaterials Science</i> , <b>2021</b> , 9, 535-573	7.4	89
37	Bioprinting for the Biologist. <i>Cell</i> , <b>2021</b> , 184, 18-32	56.2	42
36	Cationic Cellulose Nanocrystals-Based Nanocomposite Hydrogels: Achieving 3D Printable Capacitive Sensors with High Transparency and Mechanical Strength. <i>Polymers</i> , <b>2021</b> , 13,	4.5	7
35	Current progress, challenges, and future prospects of testis organoids. <i>Biology of Reproduction</i> , <b>2021</b> , 104, 942-961	3.9	3
34	A 3D Bioprinted Material That Recapitulates the Perivascular Bone Marrow Structure for Sustained Hematopoietic and Cancer Models. <i>Polymers</i> , <b>2021</b> , 13,	4.5	2
33	Tailorable Zinc-Substituted Mesoporous Bioactive Glass/Alginate-Methylcellulose Composite Bioinks. <i>Materials</i> , <b>2021</b> , 14,	3.5	11
32	3D Printing of Thermoresponsive Hydrogel Laden with an Antimicrobial Agent towards Wound Healing Applications. <i>Bioengineering</i> , <b>2021</b> , 8,	5.3	7
31	Recent Advancements in 3D Printing of Polysaccharide Hydrogels in Cartilage Tissue Engineering. <i>Materials</i> , <b>2021</b> , 14,	3.5	7
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29	Regenerative Medicine Technologies to Treat Dental, Oral, and Craniofacial Defects. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2021</b> , 9, 704048	5.8	6

28	Using melt-electrowritten microfibres for tailoring scaffold mechanics of 3D bioprinted chondrocyte-laden constructs. <i>Bioprinting</i> , <b>2021</b> , 23, e00158	7	3
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26	Scaffold printing using biodegradable poly(1,4-butylene carbonate) ink: printability, physicochemical properties, and biocompatibility. <i>Materials Today Bio</i> , <b>2021</b> , 12, 100129	9.9	
25	4D printing of patterned multimaterial magnetic hydrogel actuators. <i>Additive Manufacturing</i> , <b>2021</b> , 102506	5.6	0
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