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## Controlling the porosity and microarchitecture of hydrogels for tissue engineering

DOI: 10.1089/ten.teb.2009.0639

Tissue Engineering - Part B: Reviews, 2010, 16, 371-83.

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**Version:** 2024-04-24

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829	The design of scaffolds for use in tissue engineering. Part II. Rapid prototyping techniques. <b>2002</b> , 8, 1-11		616
828	BIOMIMETIC GRADIENT HYDROGELS FOR TISSUE ENGINEERING. <b>2010</b> , 88, 899-911		190
827	Epoxy-amine synthesised hydrogel scaffolds for soft-tissue engineering. <b>2010</b> , 31, 6454-67		51
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123	Advanced Materials and Sensors for Microphysiological Systems: Focus on Electronic and Electro-optical Interfaces.. <b>2021</b> , e2107876	1
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118	Investigation of the 3D Printability of Covalently Cross-Linked Polypeptide-Based Hydrogels.. <b>2022</b> , 7, 7556-7571	1
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116	Characterizing chemical signaling between engineered "microbial sentinels" in porous microplates.. <b>2022</b> , 18, e10785	0
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111	A Modular 3D Bioprinter for Printing Porous Scaffolds for Tissue Engineering. <b>2021</b> ,	0

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106	High-resolution 3D printing of xanthan gum/nanocellulose bio-inks.. <b>2022</b> ,	2
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69	Annealing High Aspect Ratio Microgels into Macroporous 3D Scaffolds Allows for Higher Porosities and Effective Cell Migration. 2200989	0
68	Polymer-modified bentonites with low hydraulic conductivity and improved chemical compatibility as barriers for Cu <sup>2+</sup> containment.	0
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66	A Comprehensive Review on Collagen Type I Development of Biomaterials for Tissue Engineering: From Biosynthesis to Bioscaffold. <b>2022</b> , 10, 2307	6
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64	Simultaneous Writing and Erasing Using Probe Lithography Synchronized Erasing and Deposition (PLiSED).	0
63	3D-Printed Hybrid Collagen/GelMA Hydrogels for Tissue Engineering Applications. <b>2022</b> , 11, 1561	0
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32	Absorption rate governs cell transduction in dry macroporous scaffolds.	0
31	Sustainable hydrogels in food packaging systems. <b>2023</b> , 355-374	0
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29	Chitosan/Gelatin Scaffolds Loaded with <i>Jatropha mollissima</i> Extract as Potential Skin Tissue Engineering Materials. <b>2023</b> , 15, 603	0
28	Advances in cryostructures and their applications in biomedical and pharmaceutical products.	0
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13	Thiol-Acrylate polyHIPEs via Facile Layer-by-Layer Photopolymerization.	0
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