

Florian Helms

List of Publications by Year in descending order

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papers

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2258059

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2272923

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citing authors

#	ARTICLE	IF	CITATIONS
1	Establishment of a Modular Hemodynamic Simulator for Accurate In Vitro Simulation of Physiological and Pathological Pressure Waveforms in Native and Bioartificial Blood Vessels. <i>Cardiovascular Engineering and Technology</i> , 2022, 13, 291-306.	1.6	4
2	An encapsulated fibrin-based bioartificial tissue construct with integrated macrovessels, microchannels, and capillary tubes. <i>Biotechnology and Bioengineering</i> , 2022, 119, 2239-2249.	3.3	3
3	A 3-Layered Bioartificial Blood Vessel with Physiological Wall Architecture Generated by Mechanical Stimulation. <i>Annals of Biomedical Engineering</i> , 2021, 49, 2066-2079.	2.5	16
4	Transluminal compression increases mechanical stability, stiffness and endothelialization capacity of fibrin-based bioartificial blood vessels. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 124, 104835.	3.1	4