

Shiyu Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

428
citations

933447

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1281871

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17
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17
times ranked

550
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Stretchable Metal-Polymer Conductor Electrode Array for Electrophysiology. <i>Advanced Healthcare Materials</i> , 2021, 10, e2000641.	7.6	25
2	Anticoagulant Hydrogel Tubes with Poly(ϵ -Caprolactone) Sheaths for Small-Diameter Vascular Grafts. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100839.	7.6	13
3	A Soft and Absorbable Temporary Epicardial Pacing Wire. <i>Advanced Materials</i> , 2021, 33, e2101447.	21.0	25
4	Nature-Inspired Circular-Economy Recycling for Proteins: Proof of Concept. <i>Advanced Materials</i> , 2021, 33, e2104581.	21.0	14
5	Nature-Inspired Circular-Economy Recycling for Proteins: Proof of Concept (<i>Adv. Mater.</i> 44/2021). <i>Advanced Materials</i> , 2021, 33, 2170345.	21.0	0
6	A Soft, Conductive External Stent Inhibits Intimal Hyperplasia in Vein Grafts by Electroporation and Mechanical Restriction. <i>ACS Nano</i> , 2020, 14, 16770-16780.	14.6	22
7	Electronic Blood Vessel. <i>Matter</i> , 2020, 3, 1664-1684.	10.0	58
8	Microfluidics for Biomedical Applications. , 2019, , 368-383.		1
9	A Strategy for Rapid Construction of Blood Vessel-Like Structures with Complex Cell Alignments. <i>Macromolecular Bioscience</i> , 2018, 18, e1700408.	4.1	10
10	Printable Metal-Polymer Conductors for Highly Stretchable Bio-Devices. <i>IScience</i> , 2018, 4, 302-311.	4.1	119
11	Self-Adjusting, Polymeric Multilayered Roll that can Keep the Shapes of the Blood Vessel Scaffolds during Biodegradation. <i>Advanced Materials</i> , 2017, 29, 1700171.	21.0	104
12	Biomaterials: Self-Adjusting, Polymeric Multilayered Roll that can Keep the Shapes of the Blood Vessel Scaffolds during Biodegradation (<i>Adv. Mater.</i> 28/2017). <i>Advanced Materials</i> , 2017, 29, .	21.0	0
13	In Vitro Evaluation of Essential Mechanical Properties and Cell Behaviors of a Novel Poly(lactic-co-Glycolic Acid (PLGA)-Based Tubular Scaffold for Small-Diameter Vascular Tissue Engineering. <i>Polymers</i> , 2017, 9, 318.	4.5	19
14	A strategy for rapid and facile fabrication of controlled, layered blood vessel-like structures. <i>RSC Advances</i> , 2016, 6, 55054-55063.	3.6	18