

Yuxin Tong

List of Publications by Year in descending order

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626
citing authors

#	ARTICLE	IF	CITATIONS
1	3D printed stretchable triboelectric nanogenerator fibers and devices. Nano Energy, 2020, 75, 104973.	16.0	79
2	3D printed conformal microfluidics for isolation and profiling of biomarkers from whole organs. Lab on A Chip, 2017, 17, 2561-2571.	6.0	57
3	Programming of Multicomponent Temporal Release Profiles in 3D Printed Polypills via Core-Shell, Multilayer, and Gradient Concentration Profiles. Advanced Healthcare Materials, 2018, 7, e1800213.	7.6	42
4	Additive Manufacturing of Mechanically Isotropic Thin Films and Membranes via Microextrusion 3D Printing of Polymer Solutions. ACS Applied Materials & Interfaces, 2019, 11, 6652-6661.	8.0	33
5	Additive manufacturing of three-dimensional (3D) microfluidic-based microelectromechanical systems (MEMS) for acoustofluidic applications. Lab on A Chip, 2018, 18, 2087-2098.	6.0	31
6	Thermally Drawn Stretchable Electrical and Optical Fiber Sensors for Multimodal Extreme Deformation Sensing. Advanced Optical Materials, 2021, 9, 2001815.	7.3	31
7	Low-cost sensor-integrated 3D-printed personalized prosthetic hands for children with amniotic band syndrome: A case study in sensing pressure distribution on an anatomical human-machine interface (AHMI) using 3D-printed conformal electrode arrays. PLoS ONE, 2019, 14, e0214120.	2.5	26
8	In situ electrochemical polymerization of poly(3,4-ethylenedioxythiophene) (PEDOT) for peripheral nerve interfaces. MRS Communications, 2018, 8, 1043-1049.	1.8	21
9	Therapeutic effects of peripherally administrated neural crest stem cells on pain and spinal cord changes after sciatic nerve transection. Stem Cell Research and Therapy, 2021, 12, 180.	5.5	12
10	A Hybrid 3D Printing and Robotic-assisted Embedding Approach for Design and Fabrication of Nerve Cuffs with Integrated Locking Mechanisms. MRS Advances, 2018, 3, 2365-2372.	0.9	9
11	3D Printed Mask Frames Improve the Inward Protection Efficiency of a Cloth Mask. ACS ES&T Engineering, 2021, 1, 1000-1008.	7.6	8
12	Conformal 3D printing of non-planar antennas on wrinkled and folded kapton films using point cloud data. Flexible and Printed Electronics, 2021, 6, 044002.	2.7	6
13	Polypill: Programming of Multicomponent Temporal Release Profiles in 3D Printed Polypills via Core-Shell, Multilayer, and Gradient Concentration Profiles (Adv. Healthcare Mater. 16/2018). Advanced Healthcare Materials, 2018, 7, 1870066.	7.6	1