

Yuxin Tong

List of Publications by Year in descending order

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13
papers

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1040056

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times ranked

626
citing authors

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