Wanlu Li

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9634566/publications.pdf

Version: 2024-02-01

22	754	706676 14	759306 22
papers	citations	h-index	g-index

23	23	23	739
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Digital Light Processing Based Bioprinting with Composable Gradients. Advanced Materials, 2022, 34, e2107038.	11.1	71
2	Digital Light Processing Based Bioprinting with Composable Gradients (Adv. Mater. 1/2022). Advanced Materials, 2022, 34, .	11.1	6
3	Photoacoustic imaging of 3D-printed vascular networks. Biofabrication, 2022, 14, 025001.	3.7	7
4	Vertical Extrusion Cryo(bio)printing for Anisotropic Tissue Manufacturing. Advanced Materials, 2022, 34, e2108931.	11.1	36
5	A CMOS Cellular Interface Array for Digital Physiology Featuring High-Density Multi-Modal Pixels and Reconfigurable Sampling Rate. , 2022, , .		1
6	Biosurfactant-Stabilized Micropore-Forming GelMA Inks Enable Improved Usability for 3D Printing Applications. Regenerative Engineering and Translational Medicine, 2022, 8, 471-481.	1.6	6
7	A multifunctional micropore-forming bioink with enhanced anti-bacterial and anti-inflammatory properties. Biofabrication, 2022, 14, 024105.	3.7	19
8	Uniaxial and Coaxial Vertical Embedded Extrusion Bioprinting. Advanced Healthcare Materials, 2022, 11, e2102411.	3.9	15
9	Microporeâ€Forming Gelatin Methacryloyl (GelMA) Bioink Toolbox 2.0: Designable Tunability and Adaptability for 3D Bioprinting Applications. Small, 2022, 18, .	5.2	31
10	Molecularly cleavable bioinks facilitate high-performance digital light processing-based bioprinting of functional volumetric soft tissues. Nature Communications, 2022, 13, .	5.8	43
11	Symbiotic Photosynthetic Oxygenation within 3D-Bioprinted Vascularized Tissues. Matter, 2021, 4, 217-240.	5.0	57
12	SARS-CoV-2-related vascular injury: mechanisms, imaging and models. Microphysiological Systems, 2021, 5, 1-1.	2.0	4
13	3D human nonalcoholic hepatic steatosis and fibrosis models. Bio-Design and Manufacturing, 2021, 4, 157-170.	3.9	20
14	Attacking COVID-19 Progression Using Multi-Drug Therapy for Synergetic Target Engagement. Biomolecules, 2021, 11, 787.	1.8	14
15	Engineering (Bio)Materials through Shrinkage and Expansion. Advanced Healthcare Materials, 2021, 10, e2100380.	3.9	15
16	A Smartphoneâ€Enabled Portable Digital Light Processing 3D Printer. Advanced Materials, 2021, 33, e2102153.	11.1	45
17	A Smartphoneâ€Enabled Portable Digital Light Processing 3D Printer (Adv. Mater. 35/2021). Advanced Materials, 2021, 33, 2170271.	11.1	1
18	High-resolution lithographic biofabrication of hydrogels with complex microchannels from low-temperature-soluble gelatin bioresins. Materials Today Bio, 2021, 12, 100162.	2.6	38

#	Article	IF	Citations
19	3D bioprinting of glioblastoma models. Journal of 3D Printing in Medicine, 2020, 4, 113-125.	1.0	17
20	Recent Advances in Formulating and Processing Biomaterial Inks for Vat Polymerizationâ€Based 3D Printing. Advanced Healthcare Materials, 2020, 9, e2000156.	3.9	128
21	Complexation-induced resolution enhancement of 3D-printed hydrogel constructs. Nature Communications, 2020, 11, 1267.	5.8	158
22	Expanding sacrificially printed microfluidic channel-embedded paper devices for construction of volumetric tissue models in vitro. Biofabrication, 2020, 12, 045027.	3.7	20