

Hongzhao Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

258
citations

1162889

8
h-index

1281743

11
g-index

13
all docs

13
docs citations

13
times ranked

251
citing authors

#	ARTICLE	IF	CITATIONS
1	Current Advances on 3D-Bioprinted Liver Tissue Models. <i>Advanced Healthcare Materials</i> , 2020, 9, e2001517.	3.9	60
2	Self-Healing Dielectric Elastomers for Damage-Tolerant Actuation and Energy Harvesting. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 7595-7604.	4.0	55
3	3D bioprinted hyaluronic acid-based cell-laden scaffold for brain microenvironment simulation. <i>Bio-Design and Manufacturing</i> , 2020, 3, 164-174.	3.9	27
4	Engineered Vasculature for Organ-on-a-Chip Systems. <i>Engineering</i> , 2022, 9, 131-147.	3.2	22
5	The construction of in vitro tumor models based on 3D bioprinting. <i>Bio-Design and Manufacturing</i> , 2020, 3, 227-236.	3.9	19
6	Drop-on-demand (DOD) inkjet dynamics of printing viscoelastic conductive ink. <i>Additive Manufacturing</i> , 2021, 48, 102451.	1.7	19
7	3D Printed Multi-material Medical Phantoms for Needle-tissue Interaction Modelling of Heterogeneous Structures. <i>Journal of Bionic Engineering</i> , 2021, 18, 346-360.	2.7	14
8	Vascularizing the brain in vitro. <i>IScience</i> , 2022, 25, 104110.	1.9	13
9	A versatile embedding medium for freeform bioprinting with multi-crosslinking methods. <i>Biofabrication</i> , 2022, 14, 035022.	3.7	12
10	Distributed Actuation and Control of a Tensegrity-Based Morphing Wing. <i>IEEE/ASME Transactions on Mechatronics</i> , 2022, 27, 34-45.	3.7	7
11	Parallel kinematic mechanisms for distributed actuation of future structures. <i>Journal of Physics: Conference Series</i> , 2016, 744, 012169.	0.3	2
12	Closed Loop Position and Pre-Stress Control for a Morphing Aircraft Wing With Distributed Multi-Axis Pneumatic Actuation. , 2018, , .		2