

Zongan Li

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

985
citations

430874

18
h-index

434195

31
g-index

35
all docs

35
docs citations

35
times ranked

1161
citing authors

#	ARTICLE	IF	CITATIONS
1	A TPMS-based method for modeling porous scaffolds for bionic bone tissue engineering. <i>Scientific Reports</i> , 2018, 8, 7395.	3.3	104
2	Tunable sequential drug delivery system based on chitosan/hyaluronic acid hydrogels and PLGA microspheres for management of non-healing infected wounds. <i>Materials Science and Engineering C</i> , 2018, 89, 213-222.	7.3	96
3	A review of 3D printed porous ceramics. <i>Journal of the European Ceramic Society</i> , 2022, 42, 3351-3373.	5.7	81
4	Controlled release of silver ions from AgNPs using a hydrogel based on konjac glucomannan and chitosan for infected wounds. <i>International Journal of Biological Macromolecules</i> , 2020, 149, 148-157.	7.5	69
5	The recent development of vat photopolymerization: A review. <i>Additive Manufacturing</i> , 2021, 48, 102423.	3.0	67
6	Recent advances in microfluidic cell sorting techniques based on both physical and biochemical principles. <i>Electrophoresis</i> , 2019, 40, 930-954.	2.4	56
7	Fabrication of PDMS microfluidic devices with 3D wax jetting. <i>RSC Advances</i> , 2017, 7, 3313-3320.	3.6	45
8	Design and fabrication of graduated porous Ti-based alloy implants for biomedical applications. <i>Journal of Alloys and Compounds</i> , 2017, 728, 1043-1048.	5.5	42
9	3D-printed "fistula stent" designed for management of enterocutaneous fistula: An advanced strategy. <i>World Journal of Gastroenterology</i> , 2017, 23, 7489-7494.	3.3	40
10	Bioinspired Anti-digestive Hydrogels Selected by a Simulated Gut Microfluidic Chip for Closing Gastrointestinal Fistula. <i>IScience</i> , 2018, 8, 40-48.	4.1	33
11	Marine-inspired molecular mimicry generates a drug-free, but immunogenic hydrogel adhesive protecting surgical anastomosis. <i>Bioactive Materials</i> , 2021, 6, 770-782.	15.6	33
12	Elasto-inertial particle focusing in 3D-printed microchannels with unconventional cross sections. <i>Microfluidics and Nanofluidics</i> , 2019, 23, 1.	2.2	30
13	Applications of four-dimensional printing in emerging directions: Review and prospects. <i>Journal of Materials Science and Technology</i> , 2021, 91, 105-120.	10.7	29
14	Fabrication of high numerical aperture micro-lens array based on drop-on-demand generating of water-based molds. <i>Optics and Laser Technology</i> , 2015, 68, 23-27.	4.6	26
15	Preparation of paper micro-fluidic devices used in bio-assay based on drop-on-demand wax droplet generation. <i>Analytical Methods</i> , 2014, 6, 878-885.	2.7	22
16	A Porous Scaffold Design Method for Bone Tissue Engineering Using Triply Periodic Minimal Surfaces. <i>IEEE Access</i> , 2018, 6, 1015-1022.	4.2	22
17	Programming electronic skin with diverse skin-like properties. <i>Journal of Materials Chemistry A</i> , 2021, 9, 963-973.	10.3	20
18	Preparation of PDMS microfluidic devices based on drop-on-demand generation of wax molds. <i>Analytical Methods</i> , 2014, 6, 4716-4722.	2.7	19

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19	Gut bioengineering promotes gut repair and pharmaceutical research: a review. <i>Journal of Tissue Engineering</i> , 2019, 10, 204173141983984.	5.5	17
20	Fabrication of Different Microchannels by Adjusting the Extrusion Parameters for Sacrificial Molds. <i>Micromachines</i> , 2019, 10, 544.	2.9	14
21	Fabrication of paper micro-devices with wax jetting. <i>RSC Advances</i> , 2016, 6, 17921-17928.	3.6	13
22	Fabrication of gelatin-based printable inks with improved stiffness as well as antibacterial and UV-shielding properties. <i>International Journal of Biological Macromolecules</i> , 2021, 186, 396-404.	7.5	13
23	A Lightweight One-Stage Defect Detection Network for Small Object Based on Dual Attention Mechanism and PAFPN. <i>Frontiers in Physics</i> , 2021, 9, .	2.1	13
24	Processing and 3D printing of Gradient Heterogeneous Bio-Model Based on Computer Tomography Images. <i>IEEE Access</i> , 2016, 4, 8814-8822.	4.2	11
25	Biomaterials and biosensors in intestinal organoid culture, a progress review. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 1501-1508.	4.0	11
26	Application of a 3D-printed "fistula stent" in plugging enteroatmospheric fistula with open abdomen: A case report. <i>World Journal of Gastroenterology</i> , 2019, 25, 1775-1782.	3.3	11
27	Fabrication of PDMS microfluidic chips used in rapid diagnosis by micro jetting. <i>Multimedia Tools and Applications</i> , 2018, 77, 3761-3774.	3.9	8
28	Fabrication of Microfluidic Chips Based on an EHD-Assisted Direct Printing Method. <i>Sensors</i> , 2020, 20, 1559.	3.8	8
29	A Design and Fabrication Method for a Heterogeneous Model of 3D Bio-Printing. <i>IEEE Access</i> , 2017, 5, 5347-5353.	4.2	7
30	Synthesizing Ag ⁺ : MgS, Ag ⁺ : Nb ₂ S ₅ , Sm ³⁺ : Y ₂ S ₃ , Sm ³⁺ : Er ₂ S ₃ , and Sm ³⁺ : ZrS ₂ Compound Nanoparticles for Multicolor Fluorescence Imaging of Biotissues. <i>ACS Omega</i> , 2020, 5, 32868-32876.	3.5	6
31	Recent Advances in Cryogenic 3D Printing Technologies. <i>Advanced Engineering Materials</i> , 2022, 24, .	3.5	6
32	An electrohydrodynamic (EHD) printing method with nanosilver ink for flexible electronics. <i>International Journal of Modern Physics B</i> , 2020, 34, 2050154.	2.0	5
33	A liquid molding method for the fabrication of microfluidic devices based on a drop-on-demand generation of patterned substrates. <i>Microsystem Technologies</i> , 2017, 23, 4543-4551.	2.0	3
34	Synthesis of Holmium-Oxide Nanoparticles for Near-Infrared Imaging and Dye-Photodegradation. <i>Molecules</i> , 2022, 27, 3522.	3.8	3
35	The Fabrication of Tissue Engineering Scaffolds by Inkjet Printing Technology. <i>Materials Science Forum</i> , 2018, 934, 129-133.	0.3	2