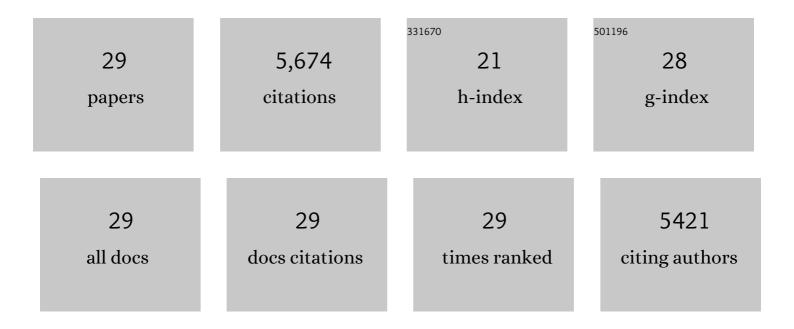


List of Publications by Year in descending order

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ΤΛΟ ΧΗ

#	Article	IF	CITATIONS
1	A scalable coaxial bioprinting technology for mesenchymal stem cell microfiber fabrication and high extracellular vesicle yield. Biofabrication, 2022, 14, 015012.	7.1	10
2	Adaptive multiâ€degreeâ€ofâ€freedom in situ bioprinting robot for hairâ€follicleâ€inclusive skin repair: A preliminary study conducted in mice. Bioengineering and Translational Medicine, 2022, 7, .	7.1	21
3	Bioprinting of Human Cord Blood-Derived CD34+ Cells and Exploration of the Multilineage Differentiation Ability in Vitro. ACS Biomaterials Science and Engineering, 2021, 7, 2592-2604.	5.2	1
4	A coaxially extruded heterogeneous core–shell fiber with Schwann cells and neural stem cells. International Journal of Energy Production and Management, 2020, 7, 131-139.	3.7	12
5	Inkjet Bioprinting of Biomaterials. Chemical Reviews, 2020, 120, 10793-10833.	47.7	332
6	Preliminary engineering for <i>in situ in vivo</i> bioprinting: a novel micro bioprinting platform for <i>in situ in vivo</i> bioprinting at a gastric wound site. Biofabrication, 2020, 12, 045020.	7.1	47
7	In Situ Bioprinting of Autologous Skin Cells Accelerates Wound Healing of Extensive Excisional Full-Thickness Wounds. Scientific Reports, 2019, 9, 1856.	3.3	297
8	3D bioprinted glioma cellâ€laden scaffolds enriching glioma stem cells via epithelial–mesenchymal transition. Journal of Biomedical Materials Research - Part A, 2019, 107, 383-391.	4.0	46
9	Biofabrication: A Guide to Technology and Terminology. Trends in Biotechnology, 2018, 36, 384-402.	9.3	465
10	Coaxial extrusion bioprinted shell-core hydrogel microfibers mimic glioma microenvironment and enhance the drug resistance of cancer cells. Colloids and Surfaces B: Biointerfaces, 2018, 171, 291-299.	5.0	83
11	3D bioprinted rat Schwann cell-laden structures with shape flexibility and enhanced nerve growth factor expression. 3 Biotech, 2018, 8, 342.	2.2	29
12	Coaxial 3D bioprinting of self-assembled multicellular heterogeneous tumor fibers. Scientific Reports, 2017, 7, 1457.	3.3	100
13	Biofabrication: reappraising the definition of an evolving field. Biofabrication, 2016, 8, 013001.	7.1	523
14	Complex heterogeneous tissue constructs containing multiple cell types prepared by inkjet printing technology. Biomaterials, 2013, 34, 130-139.	11.4	518
15	Hybrid printing of mechanically and biologically improved constructs for cartilage tissue engineering applications. Biofabrication, 2013, 5, 015001.	7.1	475
16	High throughput miniature drug-screening platform using bioprinting technology. Biofabrication, 2012, 4, 035001.	7.1	73
17	Electrophysiological characterization of embryonic hippocampal neurons cultured in a 3D collagen hydrogel. Biomaterials, 2009, 30, 4377-4383.	11.4	96
18	Fabrication and characterization of bio-engineered cardiac pseudo tissues. Biofabrication, 2009, 1, 035001.	7.1	153

ΤΑΟ Χυ

#	Article	IF	CITATIONS
19	Inkjet-Mediated Gene Transfection into Living Cells Combined with Targeted Delivery. Tissue Engineering - Part A, 2009, 15, 95-101.	3.1	96
20	High-Throughput Production of Single-Cell Microparticles Using an Inkjet Printing Technology. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2008, 130, .	2.2	102
21	Characterization of Cell Constructs Generated With Inkjet Printing Technology Using In Vivo Magnetic Resonance Imaging. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2008, 130, .	2.2	36
22	Bioâ€printing of living organized tissues using an inkjet technology. FASEB Journal, 2007, 21, A636.	0.5	1
23	Three-Dimensional Tissue Printing Technology. Manuals in Biomedical Research, 2007, , 183-191.	0.0	0
24	Viability and electrophysiology of neural cell structures generated by the inkjet printing method. Biomaterials, 2006, 27, 3580-8.	11.4	410
25	Application of inkjet printing to tissue engineering. Biotechnology Journal, 2006, 1, 910-917.	3.5	695
26	Inkjet printing of viable mammalian cells. Biomaterials, 2005, 26, 93-99.	11.4	914
27	Fabricating Neural and Cardiomyogenic Stem Cell Structures by a Novel Rapid Prototyping—the Inkjet Printing Method. Materials Research Society Symposia Proceedings, 2004, 845, 30.	0.1	1
28	Layer-by-layer printing of cells and its application to tissue engineering. Materials Research Society Symposia Proceedings, 2004, 845, 5.	0.1	14
29	Construction of high-density bacterial colony arrays and patterns by the ink-jet method. Biotechnology and Bioengineering, 2004, 85, 29-33.	3.3	124