

Jongmin Kim

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

482
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

986
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell-printed 3D liver-on-a-chip possessing a liver microenvironment and biliary system. <i>Biofabrication</i> , 2019, 11, 025001.	7.1	125
2	High-yield isolation of extracellular vesicles using aqueous two-phase system. <i>Scientific Reports</i> , 2015, 5, 13103.	3.3	111
3	3D printing of drug-loaded multi-shell rods for local delivery of bevacizumab and dexamethasone: A synergetic therapy for retinal vascular diseases. <i>Acta Biomaterialia</i> , 2020, 116, 174-185.	8.3	48
4	Isolation of High-Purity Extracellular Vesicles by Extracting Proteins Using Aqueous Two-Phase System. <i>PLoS ONE</i> , 2015, 10, e0129760.	2.5	45
5	Application of Gelatin Bioinks and Cell-Printing Technology to Enhance Cell Delivery Capability for 3D Liver Fibrosis-on-a-Chip Development. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 2469-2477.	5.2	32
6	3D Cell Printing of Tissue/Organ-Mimicking Constructs for Therapeutic and Drug Testing Applications. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7757.	4.1	29
7	Construction of Tissue-Level Cancer Vascular Model with High-Precision Position Control via In Situ 3D Cell Printing. <i>Small Methods</i> , 2021, 5, e2100072.	8.6	25
8	Molecular Mechanisms of Retinal Pigment Epithelium Dysfunction in Age-Related Macular Degeneration. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12298.	4.1	21
9	Development of 3D Printed Bruch's Membrane-Mimetic Substance for the Maturation of Retinal Pigment Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1095.	4.1	15
10	Promoting Long-Term Cultivation of Motor Neurons for 3D Neuromuscular Junction Formation of 3D In Vitro Using Central Nervous Tissue-Derived Bioink. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100581.	7.6	14
11	Effect of Photobiomodulation in Suppression of Oxidative Stress on Retinal Pigment Epithelium. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6413.	4.1	7
12	Maturation and Protection Effect of Retinal Tissue-Derived Bioink for 3D Cell Printing Technology. <i>Pharmaceutics</i> , 2021, 13, 934.	4.5	6
13	Three-Dimensional Microfilament Printing of a Decellularized Extracellular Matrix (dECM) Bioink Using a Microgel Printing Bath for Nerve Graft Fabrication and the Effectiveness of dECM Graft Combined with a Polycaprolactone Conduit. <i>ACS Applied Bio Materials</i> , 2022, 5, 1591-1603.	4.6	4
14	Inside Front Cover: Construction of Tissue-Level Cancer Vascular Model with High-Precision Position Control via In Situ 3D Cell Printing (Small Methods 7/2021). <i>Small Methods</i> , 2021, 5, 2170029.	8.6	0