

Yuan Pang

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

558
citations

933264

10
h-index

713332

21
g-index

25
all docs

25
docs citations

25
times ranked

645
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional bioprinted hepatorganoids prolong survival of mice with liver failure. <i>Gut</i> , 2021, 70, 567-574.	6.1	108
2	Three-dimensional bio-printing of primary human hepatocellular carcinoma for personalized medicine. <i>Biomaterials</i> , 2021, 265, 120416.	5.7	74
3	Bioprinting of <i>in vitro</i> tumor models for personalized cancer treatment: a review. <i>Biofabrication</i> , 2020, 12, 042001.	3.7	61
4	Bioprinting of patient-derived <i>in vitro</i> intrahepatic cholangiocarcinoma tumor model: establishment, evaluation and anti-cancer drug testing. <i>Biofabrication</i> , 2020, 12, 045014.	3.7	58
5	Application of a 3D Bioprinted Hepatocellular Carcinoma Cell Model in Antitumor Drug Research. <i>Frontiers in Oncology</i> , 2020, 10, 878.	1.3	52
6	TGF- β induced epithelial-mesenchymal transition in an advanced cervical tumor model by 3D printing. <i>Biofabrication</i> , 2018, 10, 044102.	3.7	40
7	3D bioprinting of hepatoma cells and application with microfluidics for pharmacodynamic test of Metuzumab. <i>Biofabrication</i> , 2019, 11, 034102.	3.7	40
8	An integrated cell printing system for the construction of heterogeneous tissue models. <i>Acta Biomaterialia</i> , 2019, 95, 245-257.	4.1	24
9	Customizable design strategies for high-performance bioanodes in bioelectrochemical systems. <i>IScience</i> , 2021, 24, 102163.	1.9	20
10	Design, modeling and 3D printing of a personalized cervix tissue implant with protein release function. <i>Biomedical Materials (Bristol)</i> , 2020, 15, 045005.	1.7	17
11	Ferric ion crosslinking-based 3D printing of a graphene oxide hydrogel and its evaluation as a bio-scaffold in tissue engineering. <i>Biotechnology and Bioengineering</i> , 2021, 118, 1006-1012.	1.7	9
12	Affinity-Controlled Double-Network Hydrogel Facilitates Long-Term Release of Anti-Human Papillomavirus Protein. <i>Biomedicines</i> , 2021, 9, 1298.	1.4	9
13	Organization of liver organoids using Raschig ring-like micro-scaffolds and triple co-culture: Toward modular assembly-based scalable liver tissue engineering. <i>Medical Engineering and Physics</i> , 2020, 76, 69-78.	0.8	8
14	3D-printed scaffold with halloysite nanotubes laden as a sequential drug delivery system regulates vascularized bone tissue healing. <i>Materials Today Advances</i> , 2022, 15, 100259.	2.5	7
15	Scalable Formation of Highly Viable and Functional Hepatocellular Carcinoma Spheroids in an Oxygen-Permeable Microwell Device for Anti-Tumor Drug Evaluation. <i>Advanced Healthcare Materials</i> , 2022, 11, .	3.9	7
16	Modular assembly-based approach of loosely packing co-cultured hepatic tissue elements with endothelialization for liver tissue engineering. <i>Annals of Translational Medicine</i> , 2020, 8, 1400-1400.	0.7	6
17	Rapid screening and evaluation of antioxidants in alkaloid natural products by capillary electrophoresis with chemiluminescence detection. <i>Analytical Methods</i> , 2016, 8, 6545-6553.	1.3	5
18	Biodegradable and hollowed micro-scaffolds for improved modular assembly-based tissue engineering: Design, 3D fabrication, and feasibility in randomly packed perfusion culture. <i>Biochemical Engineering Journal</i> , 2019, 149, 107239.	1.8	4

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19	3D Printing of In Vitro Hydrogel Microcarriers by Alternating Viscous-Inertial Force Jetting. Journal of Visualized Experiments, 2021, , .	0.2	4
20	Design, Fabrication, and Evaluation of Polyglycolic Acid Modules with Canals as Tissue Elements in Cellular-Assembly Technology. Applied Sciences (Switzerland), 2020, 10, 3748.	1.3	3
21	Bio-Manufacturing Research Center at Tsinghua University. Bio-Design and Manufacturing, 2019, 2, 137-143.	3.9	1
22	Construction and Application of in vitro Alveolar Models Based on 3D Printing Technology. , 2022, 1, 100025.		1
23	3D Fabrication of PCL Micro-Scaffolds with Interconnected Flow-Channel and Perfusion Culture for In Vitro Construction of Functional Islet Tissue. , 2020, , .		0
24	Inside Back Cover Image, Volume 118, Number 2, February 2021. Biotechnology and Bioengineering, 2021, 118, iii.	1.7	0
25	3D perfusion culture of mouse insulinoma in macro-porous scaffolds enhanced insulin production response. International Journal of Artificial Organs, 2022, 45, 96-102.	0.7	0