

# Yuan Pang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8715105/publications.pdf>

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  | 3D perfusion culture of mouse insulinoma in macro-porous scaffolds enhanced insulin production response. <i>International Journal of Artificial Organs</i> , 2022, 45, 96-102.  | 0.7 | 0         |
| 2  | 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         |
| 3  | Construction and Application of in vitro Alveolar Models Based on 3D Printing Technology. , 2022, 1, 100025.  |     | 1         |
| 4  | 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         |
| 5  | Three-dimensional bioprinted hepatorganoids prolong survival of mice with liver failure. <i>Gut</i> , 2021, 70, 567-574.  | 6.1 | 108       |
| 6  | 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         |
| 7  | Three-dimensional bio-printing of primary human hepatocellular carcinoma for personalized medicine. <i>Biomaterials</i> , 2021, 265, 120416.  | 5.7 | 74        |
| 8  | Inside Back Cover Image, Volume 118, Number 2, February 2021. <i>Biotechnology and Bioengineering</i> , 2021, 118, iii.   | 1.7 | 0         |
| 9  | Customizable design strategies for high-performance bioanodes in bioelectrochemical systems. <i>IScience</i> , 2021, 24, 102163.  | 1.9 | 20        |
| 10 | 3D Printing of <em>In Vitro</em> Hydrogel Microcarriers by Alternating Viscous-Inertial Force Jetting. <i>Journal of Visualized Experiments</i> , 2021, , .   | 0.2 | 4         |
| 11 | Affinity-Controlled Double-Network Hydrogel Facilitates Long-Term Release of Anti-Human Papillomavirus Protein. <i>Biomedicines</i> , 2021, 9, 1298.  | 1.4 | 9         |
| 12 | 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         |
| 13 | 3D Fabrication of PCL Micro-Scaffolds with Interconnected Flow-Channel and Perfusion Culture for In Vitro Construction of Functional Islet Tissue. , 2020, , .  |     | 0         |
| 14 | 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         |
| 15 | Bioprinting of <i>in vitro</i> tumor models for personalized cancer treatment: a review. <i>Biofabrication</i> , 2020, 12, 042001.  | 3.7 | 61        |
| 16 | Application of a 3D Bioprinted Hepatocellular Carcinoma Cell Model in Antitumor Drug Research. <i>Frontiers in Oncology</i> , 2020, 10, 878.  | 1.3 | 52        |
| 17 | Design, Fabrication, and Evaluation of Polyglycolic Acid Modules with Canals as Tissue Elements in Cellular-Assembly Technology. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3748.                                  | 1.3 | 3         |
| 18 | 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        |

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|----|--|-----|-----------|
| 19 | 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        |
| 20 | Bio-Manufacturing Research Center at Tsinghua University. <i>Bio-Design and Manufacturing</i> , 2019, 2, 137-143.  | 3.9 | 1         |
| 21 | An integrated cell printing system for the construction of heterogeneous tissue models. <i>Acta Biomaterialia</i> , 2019, 95, 245-257.   | 4.1 | 24        |
| 22 | 3D bioprinting of hepatoma cells and application with microfluidics for pharmacodynamic test of Metuzumab. <i>Biofabrication</i> , 2019, 11, 034102.   | 3.7 | 40        |
| 23 | 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         |
| 24 | TGF- $\beta$ induced epithelial-mesenchymal transition in an advanced cervical tumor model by 3D printing. <i>Biofabrication</i> , 2018, 10, 044102.   | 3.7 | 40        |
| 25 | 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         |