

# Shangting You

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/927106/publications.pdf>

Version: 2024-02-01

21  
papers

966  
citations

623734

14  
h-index

794594

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1260  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Photopolymerizable Biomaterials and Light-Based 3D Printing Strategies for Biomedical Applications. <i>Chemical Reviews</i> , 2020, 120, 10695-10743.  | 47.7 | 283       |
| 2  | Rapid continuous 3D printing of customizable peripheral nerve guidance conduits. <i>Materials Today</i> , 2018, 21, 951-959.   | 14.2 | 173       |
| 3  | Nanoscale 3D printing of hydrogels for cellular tissue engineering. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2187-2197.  | 5.8  | 78        |
| 4  | Bionic 3D printed corals. <i>Nature Communications</i> , 2020, 11, 1748.   | 12.8 | 78        |
| 5  | Rapid 3D Bioprinting of Glioblastoma Model Mimicking Native Biophysical Heterogeneity. <i>Small</i> , 2021, 17, e2006050.  | 10.0 | 55        |
| 6  | High throughput direct 3D bioprinting in multiwell plates. <i>Biofabrication</i> , 2021, 13, 025007.   | 7.1  | 40        |
| 7  | Eliminating deformations in fluorescence emission difference microscopy. <i>Optics Express</i> , 2014, 22, 26375.  | 3.4  | 32        |
| 8  | Mitigating Scattering Effects in Light-Based Three-Dimensional Printing Using Machine Learning. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2020, 142, . | 2.2  | 32        |
| 9  | High-fidelity 3D printing using flashing photopolymerization. <i>Additive Manufacturing</i> , 2019, 30, 100834.  | 3.0  | 31        |
| 10 | <sup />A 3D Tissue-Printing Approach for Validation of Diffusion Tensor Imaging in Skeletal Muscle. <i>Tissue Engineering - Part A</i> , 2017, 23, 980-988.                                      | 3.1  | 30        |
| 11 | A sequential 3D bioprinting and orthogonal bioconjugation approach for precision tissue engineering. <i>Biomaterials</i> , 2020, 258, 120294.  | 11.4 | 27        |
| 12 | Biomimetic 3D living materials powered by microorganisms. <i>Trends in Biotechnology</i> , 2022, 40, 843-857.  | 9.3  | 27        |
| 13 | Three-Dimensional Printing of Bisphenol A-Free Polycarbonates. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 5331-5339.  | 8.0  | 17        |
| 14 | Resolution-enhanced surface plasmon-coupled emission microscopy. <i>Optics Express</i> , 2015, 23, 13159.  | 3.4  | 16        |
| 15 | Iterative phase-retrieval method for generating stereo array of polarization-controlled focal spots. <i>Optics Letters</i> , 2015, 40, 3532.   | 3.3  | 15        |
| 16 | Rapid 3D bioprinting of a multicellular model recapitulating pterygium microenvironment. <i>Biomaterials</i> , 2022, 282, 121391.  | 11.4 | 13        |
| 17 | Compensating the cell-induced light scattering effect in light-based bioprinting using deep learning. <i>Biofabrication</i> , 2022, 14, 015011.  | 7.1  | 12        |
| 18 | Projection Printing of Ultrathin Structures with Nanoscale Thickness Control. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 16059-16064.   | 8.0  | 5         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Effects of polarization and phase modulation on the focal spot in 4Pi microscopy. Journal of Modern Optics, 2016, 63, 1145-1157. | 1.3 | 2         |
| 20 | Femtosecond Laser-Assisted Nanoscale 3D Printing of Hydrogels. , 2021, , 1-28.   |     | 0         |
| 21 | Femtosecond Laser-Assisted Nanoscale 3D Printing of Hydrogels. , 2021, , 1739-1766.  |     | 0         |