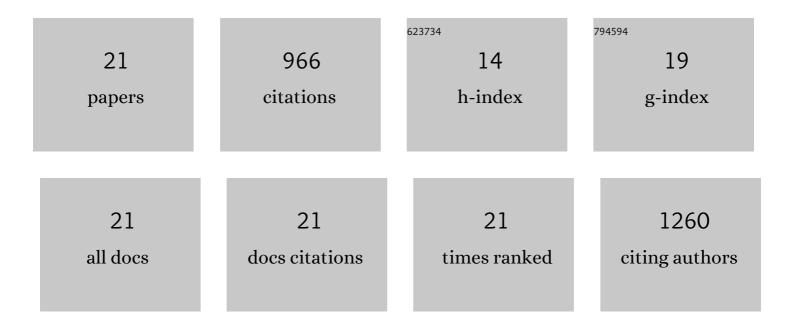
## **Shangting You**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/927106/publications.pdf Version: 2024-02-01



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

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