

# Joshua W Tashman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10956665/publications.pdf>

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8  
papers

427  
citations

1307366  
7  
h-index

1588896  
8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

412  
citing authors

#	ARTICLE	IF	CITATIONS
1	FRESH 3D Bioprinting a Full-Size Model of the Human Heart. ACS Biomaterials Science and Engineering, 2020, 6, 6453-6459.	2.6	163
2	Emergence of FRESH 3D printing as a platform for advanced tissue biofabrication. APL Bioengineering, 2021, 5, 010904.	3.3	115
3	3D Bioprinting using UNiversal Orthogonal Network (UNION) Bioinks. Advanced Functional Materials, 2021, 31, 2007983.	7.8	55
4	A high performance open-source syringe extruder optimized for extrusion and retraction during FRESH 3D bioprinting. HardwareX, 2021, 9, e00170.	1.1	36
5	FRESH 3D bioprinting a contractile heart tube using human stem cell-derived cardiomyocytes. Biofabrication, 2022, 14, 024106.	3.7	20
6	Fibronectin-based nanomechanical biosensors to map 3D surface strains in live cells and tissue. Nature Communications, 2020, 11, 5883.	5.8	18
7	Long-Fiber Embedded Hydrogel 3D Printing for Structural Reinforcement. ACS Biomaterials Science and Engineering, 2022, 8, 303-313.	2.6	10
8	Endothelial superoxide dismutase 2 is decreased in sickle cell disease and regulates fibronectin processing. Function, 2022, 3, zqac005.	1.1	3