

# Wenhuan Sun

## List of Publications by Year in descending order

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9  
papers

640  
citations

1307594

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h-index

1474206

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g-index

10  
all docs

10  
docs citations

10  
times ranked

886  
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-Fiber Embedded Hydrogel 3D Printing for Structural Reinforcement. ACS Biomaterials Science and Engineering, 2022, 8, 303-313.	5.2	10
2	Continuous fiber extruder for desktop 3D printers toward long fiber embedded hydrogel 3D printing. HardwareX, 2022, 11, e00297.	2.2	5
3	Tuning the Mechanical and Geometric Properties of Electrochemically Aligned Collagen Threads Toward Applications in Biohybrid Robotics. Journal of Biomechanical Engineering, 2021, 143, .	1.3	5
4	3D Printing Hydrogel-Based Soft and Biohybrid Actuators: A Mini-Review on Fabrication Techniques, Applications, and Challenges. Frontiers in Robotics and AI, 2021, 8, 673533.	3.2	27
5	DARLING: a device for assessing resistance to lodging in grain crops. Plant Methods, 2019, 15, 102.	4.3	29
6	Measuring the transverse Young's modulus of maize rind and pith tissues. Journal of Biomechanics, 2019, 84, 113-120.	2.1	26
7	The elastic modulus for maize stems. Plant Methods, 2018, 14, 11.	4.3	49
8	High thermal conductivity in soft elastomers with elongated liquid metal inclusions. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2143-2148.	7.1	456
9	Measuring the compressive modulus of elasticity of pith-filled plant stems. Plant Methods, 2017, 13, 99.	4.3	31