

Wenhuan Sun

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5541641/publications.pdf>

Version: 2024-02-01

9
papers

640
citations

1307594

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

886
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	The elastic modulus for maize stems. Plant Methods, 2018, 14, 11.	4.3	49
3	Measuring the compressive modulus of elasticity of pith-filled plant stems. Plant Methods, 2017, 13, 99.	4.3	31
4	DARLING: a device for assessing resistance to lodging in grain crops. Plant Methods, 2019, 15, 102.	4.3	29
5	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
6	Measuring the transverse Young's modulus of maize rind and pith tissues. Journal of Biomechanics, 2019, 84, 113-120.	2.1	26
7	Long-Fiber Embedded Hydrogel 3D Printing for Structural Reinforcement. ACS Biomaterials Science and Engineering, 2022, 8, 303-313.	5.2	10
8	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
9	Continuous fiber extruder for desktop 3D printers toward long fiber embedded hydrogel 3D printing. HardwareX, 2022, 11, e00297.	2.2	5