

Nannan Xiao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8784711/publications.pdf>

Version: 2024-02-01

8
papers

145
citations

1307594

7
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

95
citing authors

#	ARTICLE	IF	CITATIONS
1	The Puzzle of the Walnut Shell: A Novel Cell Type with Interlocked Packing. <i>Advanced Science</i> , 2019, 6, 1900644.	11.2	36
2	From the Soft to the Hard: Changes in Microchemistry During Cell Wall Maturation of Walnut Shells. <i>Frontiers in Plant Science</i> , 2020, 11, 466.	3.6	24
3	Topological Interlocking and Geometric Stiffening as Complementary Strategies for Strong Plant Shells. <i>Advanced Materials</i> , 2020, 32, e2004519.	21.0	23
4	Twist and lock: nutshell structures for high strength and energy absorption. <i>Royal Society Open Science</i> , 2021, 8, 210399.	2.4	18
5	Winter Nights during Summer Time: Stress Physiological Response to Ice and the Facilitation of Freezing Cytorrhysis by Elastic Cell Wall Components in the Leaves of a Nival Species. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7042.	4.1	14
6	A belt for the cell: cellulosic wall thickenings and their role in morphogenesis of the 3D puzzle cells in walnut shells. <i>Journal of Experimental Botany</i> , 2021, 72, 4744-4756.	4.8	14
7	Structure and electrical resistivity of individual carbonised natural and man-made cellulose fibres. <i>Journal of Materials Science</i> , 2020, 55, 10271-10280.	3.7	10
8	Oak wood drying: precipitation of crystalline ellagic acid leads to discoloration. <i>Holzforschung</i> , 2021, 75, 712-720.	1.9	5