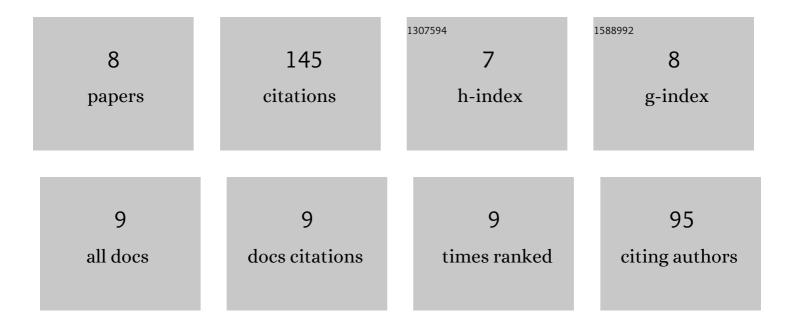
Nannan Xiao

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8784711/publications.pdf Version: 2024-02-01



Νανινάν Χίαο

#	Article	IF	CITATIONS
1	The Puzzle of the Walnut Shell: A Novel Cell Type with Interlocked Packing. Advanced Science, 2019, 6, 1900644.	11.2	36
2	From the Soft to the Hard: Changes in Microchemistry During Cell Wall Maturation of Walnut Shells. Frontiers in Plant Science, 2020, 11, 466.	3.6	24
3	Topological Interlocking and Geometric Stiffening as Complementary Strategies for Strong Plant Shells. Advanced Materials, 2020, 32, e2004519.	21.0	23
4	Twist and lock: nutshell structures for high strength and energy absorption. Royal Society Open Science, 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. International Journal of Molecular Sciences, 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. Journal of Experimental Botany, 2021, 72, 4744-4756.	4.8	14
7	Structure and electrical resistivity of individual carbonised natural and man-made cellulose fibres. Journal of Materials Science, 2020, 55, 10271-10280.	3.7	10
8	Oak wood drying: precipitation of crystalline ellagic acid leads to discoloration. Holzforschung, 2021, 75, 712-720.	1.9	5