

# Zhenbo Liu

## List of Publications by Year in descending order

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14  
papers

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1163117  
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docs citations

14  
times ranked

127  
citing authors

#	ARTICLE	IF	CITATIONS
1	Moisture- and mould-proof characteristics of surface modified wood for musical instrument soundboards. <i>Royal Society Open Science</i> , 2022, 9, 210790.	2.4	3
2	Ultralight, Mechanically Enhanced, and Thermally Improved Graphene-Cellulose-Polyethyleneimine Aerogels for the Adsorption of Anionic and Cationic Dyes. <i>Nanomaterials</i> , 2022, 12, 1727.	4.1	11
3	A novel graphene-based micro/nano architecture with high strength and conductivity inspired by multiple creatures. <i>Scientific Reports</i> , 2021, 11, 1387.	3.3	6
4	Effect of extraction on the acoustic vibrational properties of <i>Picea jezoensis</i> var. <i>microsperma</i> (Lindl.) W.C.Cheng & L.K.Fu. <i>Annals of Forest Science</i> , 2021, 78, 1.	2.0	1
5	Ultralight, High Capacitance, Mechanically Strong Graphene-Cellulose Aerogels. <i>Molecules</i> , 2021, 26, 4891.	3.8	9
6	Mechanically Strong, Low Thermal Conductivity and Improved Thermal Stability Polyvinyl Alcoholâ€“Grapheneâ€“Nanocellulose Aerogel. <i>Gels</i> , 2021, 7, 170.	4.5	12
7	Preparation of Graphene Oxide/Cellulose Composites with Microcrystalline Cellulose Acid Hydrolysis Using the Waste Acids Generated by the Hummers Method of Graphene Oxide Synthesis. <i>Polymers</i> , 2021, 13, 4453.	4.5	15
8	Preparation of and research on bioinspired graphene oxide/nanocellulose/polydopamine ternary artificial nacre. <i>Materials and Design</i> , 2019, 181, 107961.	7.0	28
9	Prediction of lute acoustic quality based on soundboard vibration performance using multiple choice model. <i>Journal of Forestry Research</i> , 2017, 28, 855-861.	3.6	2
10	Analysis of Wood Vibration Energy Attenuation Based on FFT Vibration Signal. <i>BioResources</i> , 2014, 10, .	1.0	2
11	Variations in Temperature Distribution and Tissue Lesion Formation Induced by Tissue Inhomogeneity for Therapeutic Ultrasound. <i>Ultrasound in Medicine and Biology</i> , 2014, 40, 1857-1868.	1.5	9
12	Improvement of dimensional stability of wood via combination treatment: swelling with maleic anhydride and grafting with glycidyl methacrylate and methyl methacrylate. <i>Holzforschung</i> , 2012, 66, .	1.9	44
13	Acoustic vibration properties of wood for musical instrument based on FFT of adding windows. , 2010, , .		0
14	Measurement of the dynamic modulus of elasticity of wood panels. <i>Frontiers of Forestry in China: Selected Publications From Chinese Universities</i> , 2006, 1, 425-430.	0.2	9