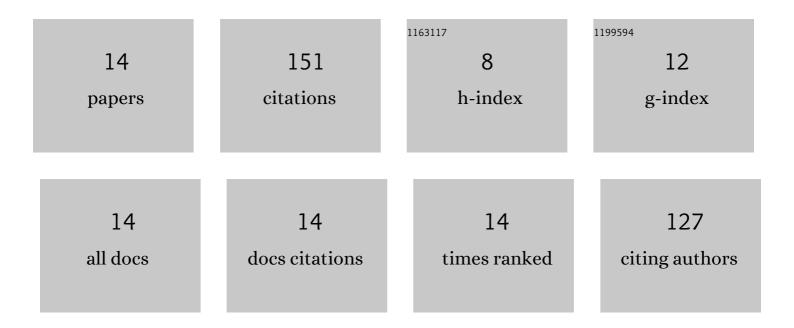
Zhenbo Liu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2478987/publications.pdf Version: 2024-02-01



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