

Jian Li

List of Publications by Year in descending order

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18
papers

831
citations

687363

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839539

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docs citations

18
times ranked

1049
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication and characterization of nanofibrillated cellulose and its aerogels from natural pine needles. <i>Carbohydrate Polymers</i> , 2015, 119, 202-209.	10.2	152
2	Fabrication and characterisation of $\hat{\pm}$ -chitin nanofibers and highly transparent chitin films by pulsed ultrasonication. <i>Carbohydrate Polymers</i> , 2013, 98, 1497-1504.	10.2	136
3	Poly(vinyl alcohol) films reinforced with nanofibrillated cellulose (NFC) isolated from corn husk by high intensity ultrasonication. <i>Carbohydrate Polymers</i> , 2016, 136, 1027-1034.	10.2	97
4	Low-value wood for sustainable high-performance structural materials. <i>Nature Sustainability</i> , 2022, 5, 628-635.	23.7	72
5	Improved weathering performance and wettability of wood protected by CeO_2 coating deposited onto the surface. <i>Holzforschung</i> , 2014, 68, 345-351.	1.9	54
6	Multifunctional wood materials with magnetic, superhydrophobic and anti-ultraviolet properties. <i>Applied Surface Science</i> , 2015, 332, 565-572.	6.1	54
7	Carbonized Wood Decorated with Cobalt-Nickel Binary Nanoparticles as a Low-Cost and Efficient Electrode for Water Splitting. <i>Advanced Functional Materials</i> , 2021, 31, 2010951.	14.9	54
8	Magnetically Driven 3D Cellulose Film for Improved Energy Efficiency in Solar Evaporation. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 7756-7765.	8.0	38
9	Superhydrophobic conductive wood with oil repellency obtained by coating with silver nanoparticles modified by fluoroalkyl silane. <i>Holzforschung</i> , 2016, 70, 63-68.	1.9	37
10	Removal of oils from water surface via useful recyclable CoFe_2O_4 /sawdust composites under magnetic field. <i>Materials and Design</i> , 2016, 98, 194-200.	7.0	33
11	pH-dependent structure and wettability of TiO_2 -based wood surface. <i>Materials Letters</i> , 2015, 142, 217-220.	2.6	27
12	Superhydrophobic Hierarchical Structures from Self-Assembly of Cellulose-Based Nanoparticles. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 14101-14111.	6.7	23
13	Comprehensive studies of the hydrothermal growth of ZnO nanocrystals on the surface of bamboo. <i>Ceramics International</i> , 2015, 41, 921-929.	4.8	16
14	The Magnetic, Mechanical, Thermal Properties and UV Resistance of $\text{CoFe}_2\text{O}_4/\text{SiO}_2$ -Coated Film on Wood. <i>Journal of Wood Chemistry and Technology</i> , 2016, 36, 94-104.	1.7	12
15	Magnetic property, thermal stability, UV-resistance, and moisture absorption behavior of magnetic wood composites. <i>Polymer Composites</i> , 2017, 38, 1646-1654.	4.6	9
16	Multipurpose Solar-Thermal Hydrogel Platform for Desalination of Seawater and Subsequent Collection of Atmospheric Water. <i>ACS ES&T Water</i> , 2023, 3, 1740-1746.	4.6	8
17	Flexible, Electrically Conductive, Nanostructured, Asymmetric Aerogel Films for Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 59174-59184.	8.0	5
18	Polydopamine Induced Wettability Switching of Cellulose Nanofibers/n-Dodecanethiol Composite Aerogels. <i>International Journal of Polymer Science</i> , 2022, 2022, 1-9.	2.7	4