

Yu Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6873369/publications.pdf>

Version: 2024-02-01

10
papers

568
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

548
citing authors

#	ARTICLE	IF	CITATIONS
1	Alignment of Cellulose Nanofibers: Harnessing Nanoscale Properties to Macroscale Benefits. ACS Nano, 2021, 15, 3646-3673.	14.6	108
2	Hardened wood as a renewable alternative to steel and plastic. Matter, 2021, 4, 3941-3952.	10.0	39
3	Lightweight, strong, moldable wood via cell wall engineering as a sustainable structural material. Science, 2021, 374, 465-471.	12.6	137
4	Favorable combination of foldability and toughness of transparent cellulose nanofibril films by a PET fiber-reinforced strategy. International Journal of Biological Macromolecules, 2020, 164, 3268-3274.	7.5	10
5	Approaching Theoretical Haze of Highly Transparent All-Cellulose Composite Films. ACS Applied Materials & Interfaces, 2020, 12, 31998-32005.	8.0	59
6	Critical Role of Degree of Polymerization of Cellulose in Super-Strong Nanocellulose Films. Matter, 2020, 2, 1000-1014.	10.0	106
7	Strong Cellulose-Based Materials by Coupling Sodium Hydroxide-“Anthraquinone (NaOH-AQ) Pulp with Hot Pressing from Wood. ACS Omega, 2019, 4, 7861-7865.	3.5	13
8	Transparent and Hazy All-Cellulose Composite Films with Superior Mechanical Properties. ACS Sustainable Chemistry and Engineering, 2018, 6, 6974-6980.	6.7	50
9	A study on the transmission haze and mechanical properties of highly transparent paper with different fiber species. Cellulose, 2018, 25, 2051-2061.	4.9	23
10	Protonation Process to Enhance the Water Resistance of Transparent and Hazy Paper. ACS Sustainable Chemistry and Engineering, 2018, 6, 12385-12392.	6.7	23