

# Lan-feng Hui

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

156  
citations

1307594

7  
h-index

1199594

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

144  
citing authors

#	ARTICLE	IF	CITATIONS
1	Superhydrophobic modification of nanocellulose based on an octadecylamine/dopamine system. <i>Carbohydrate Polymers</i> , 2022, 275, 118710.	10.2	31
2	Electrospinning hydrophobically modified polyvinyl alcohol composite air filter paper with water resistance and high filterability properties. <i>Nordic Pulp and Paper Research Journal</i> , 2022, 37, 356-365.	0.7	1
3	Porous Carbon Material Derived from Steam-Exploded Poplar for Supercapacitor: Insights into Synergistic Effect of KOH and Urea on the Structure and Electrochemical Properties. <i>Materials</i> , 2022, 15, 2741.	2.9	3
4	Lab-scale design of two layers wood cellulose filter media to maximize life span for intake air filtration. <i>Scientific Reports</i> , 2021, 11, 3153.	3.3	3
5	Synergistic Effect of Moderate Steam Explosion Pretreatment and Bovine Serum Albumin Addition for Enhancing Enzymatic Hydrolysis of Poplar. <i>Bioenergy Research</i> , 2021, 14, 534-542.	3.9	3
6	Effects of calcium silicate synthesized in situ on Fiber loading and paper properties. <i>Nordic Pulp and Paper Research Journal</i> , 2021, 36, 443-455.	0.7	0
7	Structural characterization and evaluation of the antioxidant activity of DES-Lignin isolated from <i>Cunninghamia lanceolata</i> . <i>Wood Science and Technology</i> , 2021, 55, 1041-1055.	3.2	7
8	Valorization of <i>Miscanthus Æ— giganteus</i> by Î <sup>3</sup> -Valerolactone/H <sub>2</sub> O/FeCl <sub>3</sub> system toward efficient conversion of cellulose and hemicelluloses. <i>Carbohydrate Polymers</i> , 2021, 270, 118388.	10.2	13
9	Nanofiltration filter paper based on multi-walled carbon nanotubes and cellulose filter papers. <i>RSC Advances</i> , 2021, 11, 1194-1199.	3.6	7
10	Solid acid facilitated deep eutectic solvents extraction of high-purity and antioxidative lignin production from poplar wood. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 64-70.	7.5	9
11	Assessment on temperature-pressure severally controlled explosion pretreatment of poplar. <i>Carbohydrate Polymers</i> , 2020, 230, 115622.	10.2	10
12	Understanding the structural changes of lignin in poplar following steam explosion pretreatment. <i>Holzforschung</i> , 2020, 74, 275-285.	1.9	24
13	Cationic cellulose nanofibers as sustainable flocculant and retention aid for reconstituted tobacco sheet with high performance. <i>Carbohydrate Polymers</i> , 2019, 210, 372-378.	10.2	12
14	Characterization of liquefied products from corn stalk and its biomass components by polyhydric alcohols with phosphoric acid. <i>Carbohydrate Polymers</i> , 2019, 215, 170-178.	10.2	17
15	Using cationic nanofibrillated cellulose to increase the precipitated calcium carbonate retention and physical properties during reconstituted tobacco sheet preparation. <i>Industrial Crops and Products</i> , 2019, 130, 592-597.	5.2	16