

# Fan Hu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11118491/publications.pdf>

Version: 2024-02-01

15  
papers

1,949  
citations

687363

13  
h-index

1125743

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

2341  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the molecular structure basis for biomass recalcitrance during dilute acid and hydrothermal pretreatments. <i>Biotechnology for Biofuels</i> , 2013, 6, 15.	6.2	468
2	Pretreatment and Lignocellulosic Chemistry. <i>Bioenergy Research</i> , 2012, 5, 1043-1066.	3.9	366
3	Pseudo-lignin formation and its impact on enzymatic hydrolysis. <i>Bioresource Technology</i> , 2012, 117, 7-12.	9.6	327
4	Carbohydrate derived pseudo-lignin can retard cellulose biological conversion. <i>Biotechnology and Bioengineering</i> , 2013, 110, 737-753.	3.3	174
5	OsCESA9 conserved site mutation leads to largely enhanced plant lodging resistance and biomass enzymatic saccharification by reducing cellulose DP and crystallinity in rice. <i>Plant Biotechnology Journal</i> , 2017, 15, 1093-1104.	8.3	143
6	Three lignocellulose features that distinctively affect biomass enzymatic digestibility under NaOH and H2SO4 pretreatments in Miscanthus. <i>Bioresource Technology</i> , 2013, 130, 30-37.	9.6	111
7	Investigation of the fate of poplar lignin during autohydrolysis pretreatment to understand the biomass recalcitrance. <i>RSC Advances</i> , 2013, 3, 5305.	3.6	72
8	Lignin Structural Alterations in Thermochemical Pretreatments with Limited Delignification. <i>Bioenergy Research</i> , 2015, 8, 992-1003.	3.9	69
9	Noble metal catalyzed aqueous phase hydrogenation and hydrodeoxygenation of lignin-derived pyrolysis oil and related model compounds. <i>Bioresource Technology</i> , 2014, 173, 6-10.	9.6	68
10	Impact of Pseudolignin versus Dilute Acid-Pretreated Lignin on Enzymatic Hydrolysis of Cellulose. <i>ACS Sustainable Chemistry and Engineering</i> , 2013, 1, 62-65.	6.7	66
11	Suppression of pseudo-lignin formation under dilute acid pretreatment conditions. <i>RSC Advances</i> , 2014, 4, 4317-4323.	3.6	47
12	A Novel Oxidative Pretreatment of Loblolly Pine, Sweetgum, and Miscanthus by Ozone. <i>Journal of Wood Chemistry and Technology</i> , 2012, 32, 361-375.	1.7	22
13	Topochemical Understanding of Lignin Distribution During Hydrothermal Flowthrough Pretreatment. <i>ChemistrySelect</i> , 2018, 3, 9348-9352.	1.5	16
14	A "Twitter" Generation Perspective on Biorefining. <i>Biofuels, Bioproducts and Biorefining</i> , 2013, 7, 629-633.	3.7	0
15	CHAPTER 3: REDUCTION OF BIOMASS RECALCITRANCE VIA WATER/ACID PRETREATMENTS. <i>Materials and Energy</i> , 2014, , 45-73.	0.1	0