

# Chenhuan Lai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9009378/publications.pdf>

Version: 2024-02-01

8  
papers

328  
citations

1163117  
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1588992  
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docs citations

8  
times ranked

363  
citing authors

#	ARTICLE	IF	CITATIONS
1	Remarkable solvent and extractable lignin effects on enzymatic digestibility of organosolv pretreated hardwood. <i>Bioresource Technology</i> , 2014, 156, 92-99.	9.6	68
2	Co-production of xylooligosaccharides and fermentable sugars from poplar through acetic acid pretreatment followed by poly (ethylene glycol) ether assisted alkali treatment. <i>Bioresource Technology</i> , 2019, 288, 121569.	9.6	57
3	Unlocking the secret of lignin-enzyme interactions: Recent advances in developing state-of-the-art analytical techniques. <i>Biotechnology Advances</i> , 2022, 54, 107830.	11.7	44
4	New strategy to elucidate the positive effects of extractable lignin on enzymatic hydrolysis by quartz crystal microbalance with dissipation. <i>Biotechnology for Biofuels</i> , 2019, 12, 57.	6.2	43
5	Enhanced enzymatic saccharification of corn stover by in situ modification of lignin with poly (ethylene glycol) ether during low temperature alkali pretreatment. <i>Bioresource Technology</i> , 2017, 244, 92-99.	9.6	42
6	Facilitating enzymatic digestibility of larch by in-situ lignin modification during combined acid and alkali pretreatment. <i>Bioresource Technology</i> , 2020, 311, 123517.	9.6	31
7	Incorporating Lignin into Polyethylene Glycol Enhanced Its Performance for Promoting Enzymatic Hydrolysis of Hardwood. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 1797-1804.	6.7	29
8	Promoting enzymatic saccharification of organosolv-pretreated poplar sawdust by saponin-rich tea seed waste. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 1999-2007.	3.4	14