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Author: Yingfu Zheng Songping Zhang Shida Miao Zhiguo Su Ping Wang



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Temperature Sensitivity of Cellulase Adsorption on Lignin and its Impact on Enzymatic Hydrolysis of Lignocellulosic Biomass

Yingfu Zheng ^{1,2}, Songping Zhang ¹, Shida Miao ¹, Zhiguo Su ^{1*}, Ping Wang ^{3*}

¹ National Key Laboratory of Biochemical Engineering, Institute of Process Engineering,
Chinese Academy of Sciences, Beijing 100190, China

² Graduate university of Chinese Academy of Sciences, Beijing 100049, China

³ Department of Bioproducts and Biosystems Engineering and Biotechnology Institute,
University of Minnesota, St. Paul, MN, 55108, USA

Highlights

Reveals a unique temperature-dependent adsorption behavior of cellulase on lignin
Evaluation of effect of unproductive enzyme adsorption on the effectiveness of cellulase
In-depth understanding of the recalcitrance of biomass against enzymatic hydrolysis
Insights on the process of enzymatic hydrolysis of pretreated biomass

* Corresponding authors (Reprint: Ping Wang: ping@umn.edu)

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