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研究论文

## 纤维素酶水解动力学的人工神经网络模型研究

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**摘要** Enzymatic hydrolysis of cellulose in a heterogeneous system is highly complex, rendering it difficult to build a theoretical model for confident prediction. Artificial neural network model is not conditioned by the need to assume a mechanistic dependency and can simulate and predict enzymatic hydrolysis of cellulose as a result of its advanced non-linear data analysis.

**关键词** [酶催化动力学](#); [纤维素酶水解](#); [人工神经网络](#); [响应面模型](#); [异相催化](#)