



**Showcasing research on phytic acid as a catalyst for cellulose pyrolysis from Assoc. prof. Shinji Kudo's research group, Institute for Materials Chemistry and Engineering, Kyushu University, Fukuoka, Japan.**

Phytic acid as a biorenewable catalyst for cellulose pyrolysis to produce levoglucosenone

This study demonstrates the innovative use of phytic acid as a sustainable catalyst for cellulose pyrolysis, enhancing production of levoglucosenone, a valuable platform chemical. This approach advances green chemistry by integrating biogenic phosphorus, promoting resource efficiency, and supporting a more sustainable chemical industry.

**As featured in:**



See Shinji Kudo *et al.*,  
*RSC. Sustainability.*, 2025, **3**, 1366.