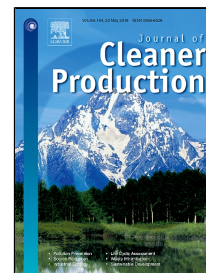


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New advancement perspectives of chloride additives on enhanced heavy metals removal and phosphorus fixation during thermal processing of sewage sludge

Zain Ali Saleh Bairq^{1,2,4}, Rundong Li^{*2}, Yanlong Li², Hongxia Gao¹,
Teerawat Sema^{1,3}, Wenchao Teng², Sunel Kumar², Zhiwu Liang^{*1}

¹ *Provincial Hunan Key Laboratory for Cost-effective Utilization of Fossil Fuel Aimed at Reducing CO₂ Emissions, College of Chemistry and Chemical Engineering, Hunan University, Changsha, Hunan, 410082, P.R. China*

² *The Key Laboratory of Clean Energy Liaoning Province, Shenyang Aerospace University, Shenyang, China*

³ *Department of Chemical Engineering, Faculty of Engineering, Mahidol University*

⁴ *Department of chemistry, Faculty of Sciences, Sana'a University, Yemen*

Corresponding authors:

E-mail address: zwliang@hnu.edu.cn (Zhiwu Liang), rdleesau@163.com (Rundong Li).

Highlights

1. The behavior of phosphorus and heavy metals during thermal processing was studied.
2. 81.6% of Cu and 96% of Pb can be removed from sewage sludge ash.
3. The removal efficiency of heavy metals and the Phosphate fixation were studied.
4. Sewage sludge was calcined with an inorganic chlorinating agent MgCl₂ and KCl.
5. High temperatures promote the transformation of P from NAIP to AP

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