

# Accepted Manuscript

Oxidation of  $\beta$ -lactam antibiotics by peracetic acid: Reaction kinetics, product and pathway evaluation

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PII: S0043-1354(17)30533-X

DOI: [10.1016/j.watres.2017.06.057](https://doi.org/10.1016/j.watres.2017.06.057)

Reference: WR 13012

To appear in: *Water Research*

Received Date: 24 April 2017

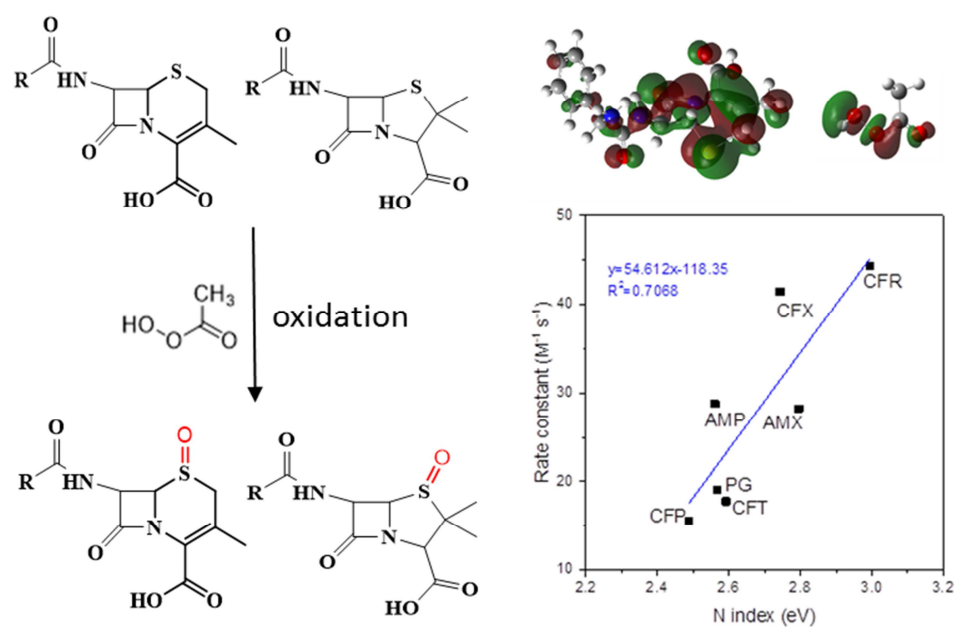
Revised Date: 15 June 2017

Accepted Date: 21 June 2017

Please cite this article as: Zhang, K., Zhou, X., Du, P., Zhang, T., Cai, M., Sun, P., Huang, C.-H., Oxidation of  $\beta$ -lactam antibiotics by peracetic acid: Reaction kinetics, product and pathway evaluation, *Water Research* (2017), doi: 10.1016/j.watres.2017.06.057.

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