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Effect of pyrolysis temperature, heating rate, and residence time on rapeseed stem derived biochar

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1 Highlights

- 2 • rapeseed stem, an openly burnt waste in china, was pyrolyzed to produce biochar
- 3 • biochar was produced over a wide range of different pyrolysis conditions
- 4 • a quantitative statistical analysis of biochar data was undertaken
- 5 • pyrolysis conditions need to be considered to maximize its beneficial use
- 6 • pyrolysis temperature was found to be the most influential pyrolysis parameter

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