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Highlights

Abstract

Keywords

1. Introduction

2. Materials and methods

3. Results and discussion

4. Conclusions

Acknowledgements

References

Figures and tables

Table 1



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Influence of heating temperature and holding time on biochars derived from rubber wood sawdust via slow pyrolysis

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Highlights

- Biochars were derived from rubber wood sawdust via slow pyrolysis.
- Heating temperatures (HT) ranged from 300 to 700 °C and retention time (RT) ranged from 1 to 3 h.
- They were characterised by XRD, FT-IR, Boehm titration, pH, BET, SEM and SEM-EDX.
- At low HT and RT, biochar consists of more acidic groups with lower pH.
- At high HT and RT, biochar obtained larger surface area and total pore volume.

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