Thermal Degradation and Fire Properties of Fungal Mycelium and Mycelium -Biomass Composite Materials

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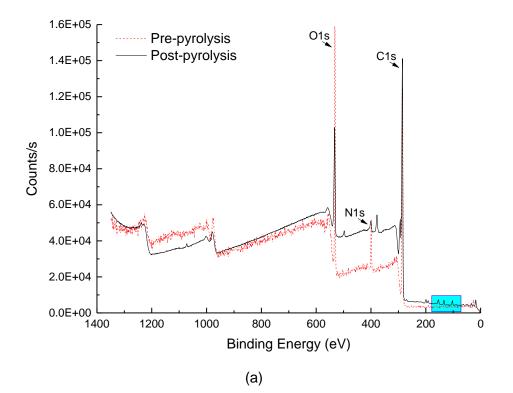
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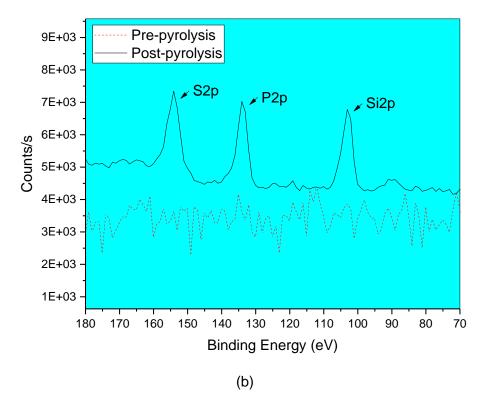


Figure S1. X-ray photoelectron spectroscopy (XPS) spectra for a) C, N, O and b) P, S, Si for *T. versicolor* mycelial biomass pre- (red) and post-pyrolysis (black). Note: XPS provides environment sensitive, surface based elemental analysis only. It characterises surface chemistry that may be affected by the atmosphere, pyrolysis based chemical reactions and other factors. The energy-dispersive x-ray spectroscopy (EDS) bulk analysis spectra included in the main article are suggested to provide more reliable elemental analysis information for whole mycelial biomass. This information is provided for reference only.