

Article

# Studies of the photo protection of radiata pine wood using photocatalytic nanoparticles

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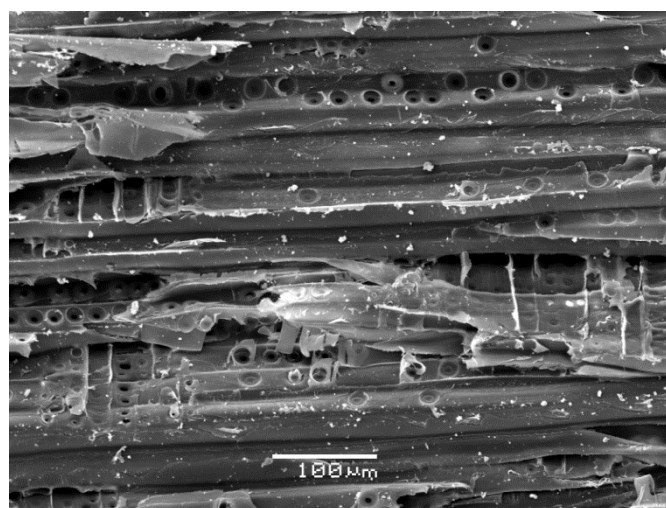


Figure S1: SEM image showing nanoparticles inside wood after vacuum-assisted impregnation.

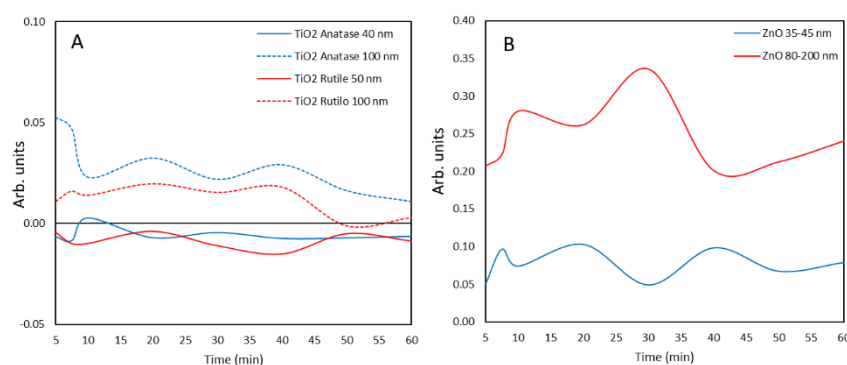


Figure S2: Intensity of  $\cdot\text{OH}$  radicals in arbitrary unit (Arb. unit) by using DMPO-OH adduct. (A) TiO<sub>2</sub> and (B) ZnO nanoparticles.

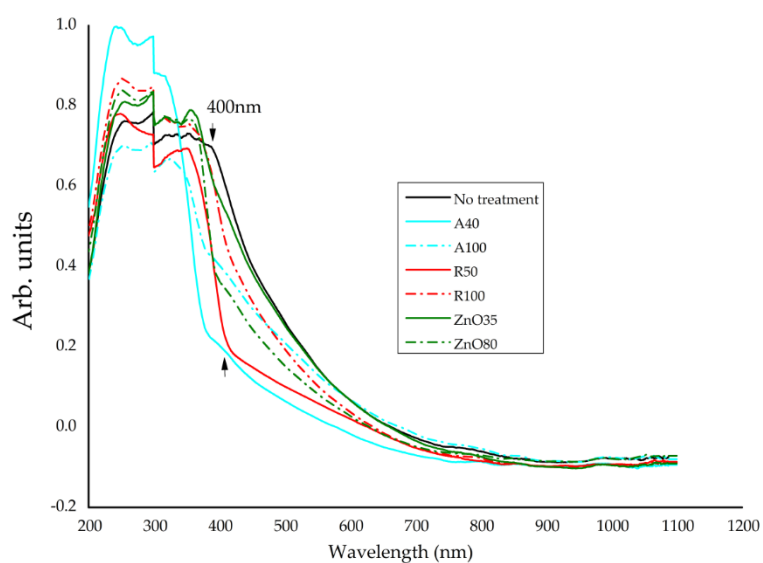


Figure S3: UV-Vis absorbance between 200–1100 nm of untreated control and NP treated samples.

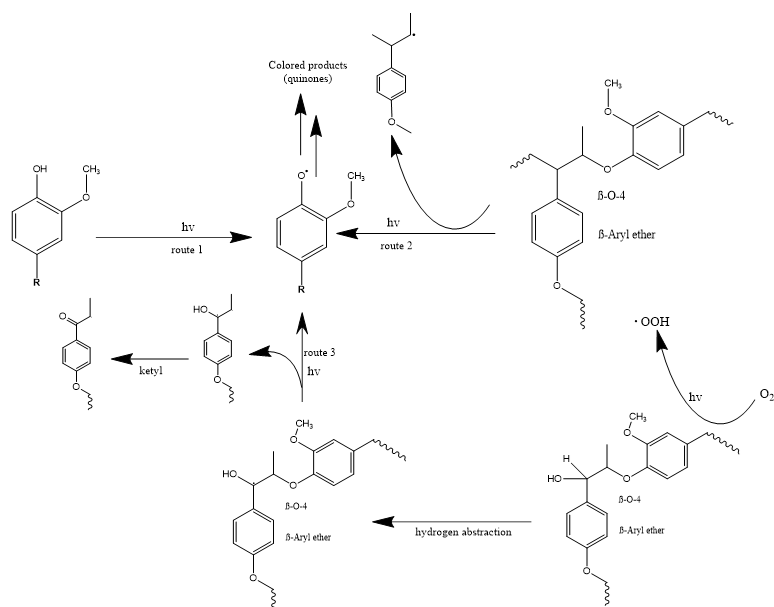


Figure S4: Summary of the main pathways reported in the formation of phenoxy radicals in lignin (modified from Fabbri et al. 2005).