

# Lignocellulosic materials used as biosorbents for the capture of nickel (II) in aqueous solution

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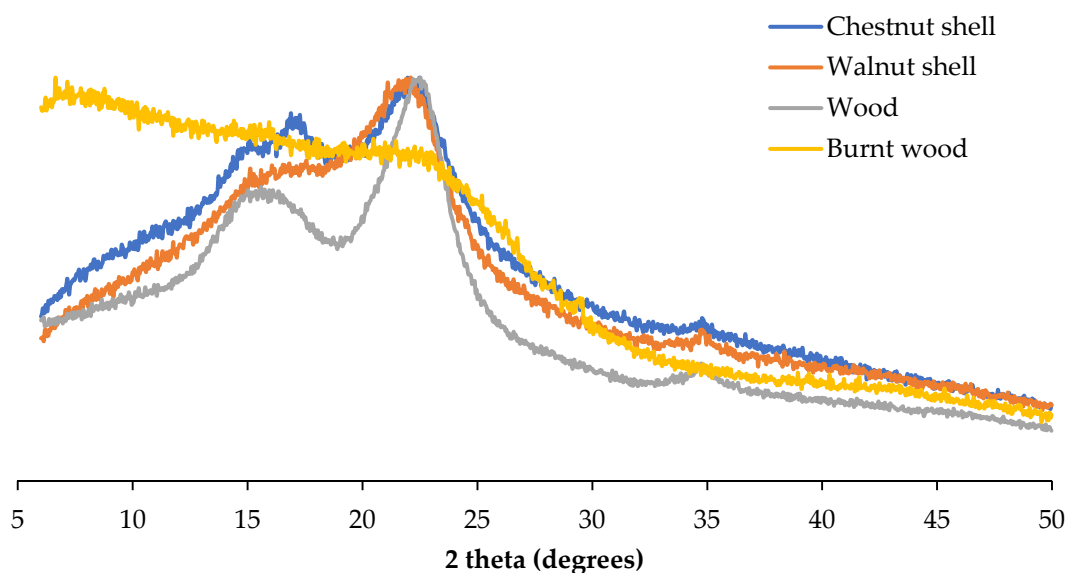


Figure S1 - Powder X-ray diffraction of all the materials.

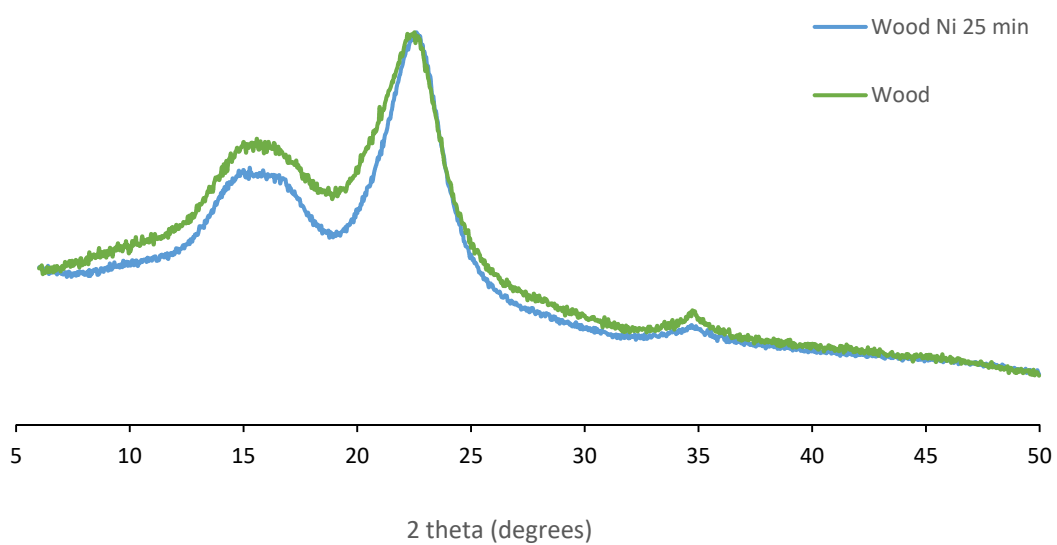


Figure S2 - Powder X-ray diffraction of wood before and after reaction.

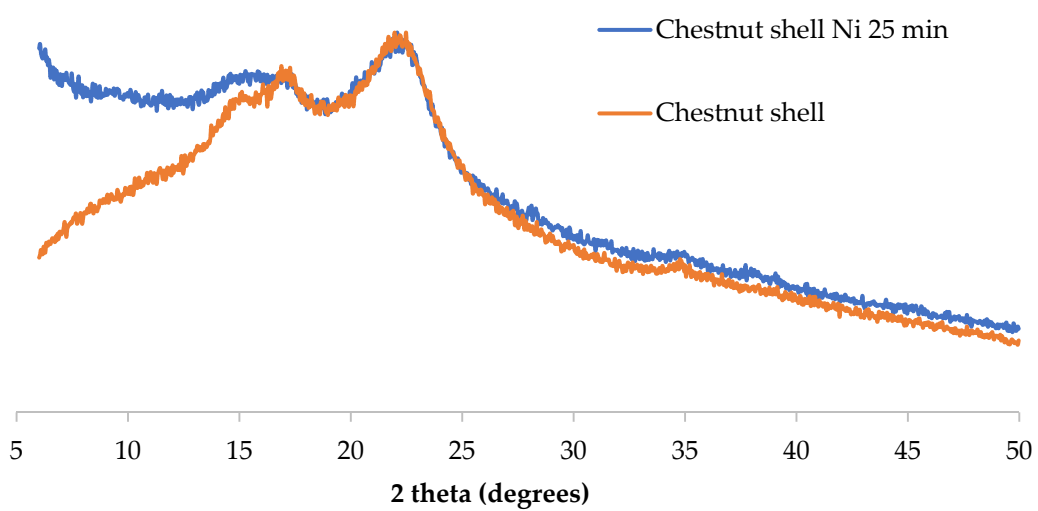


Figure S3 - Powder X-ray diffraction of chestnut shell before and after reaction.

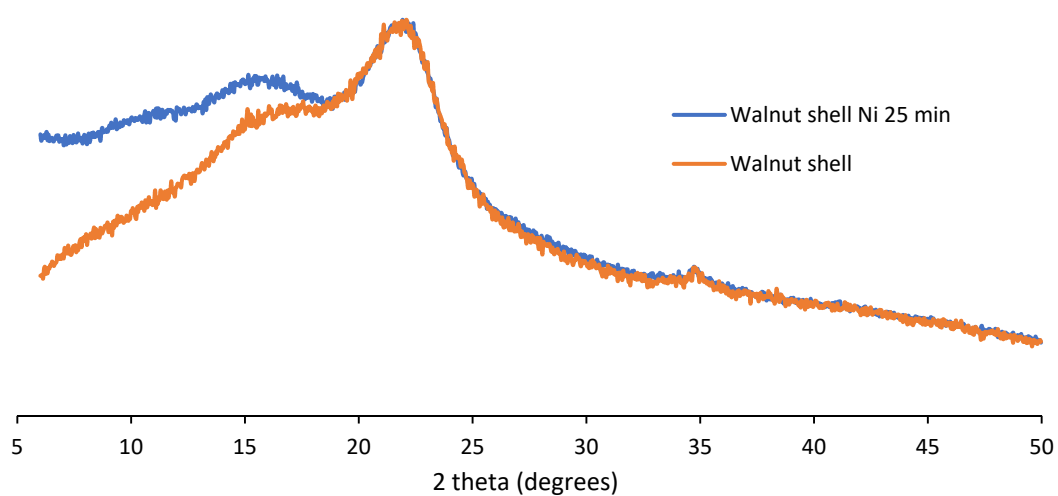


Figure S4 - Powder X-ray diffraction of walnut shell before and after reaction.

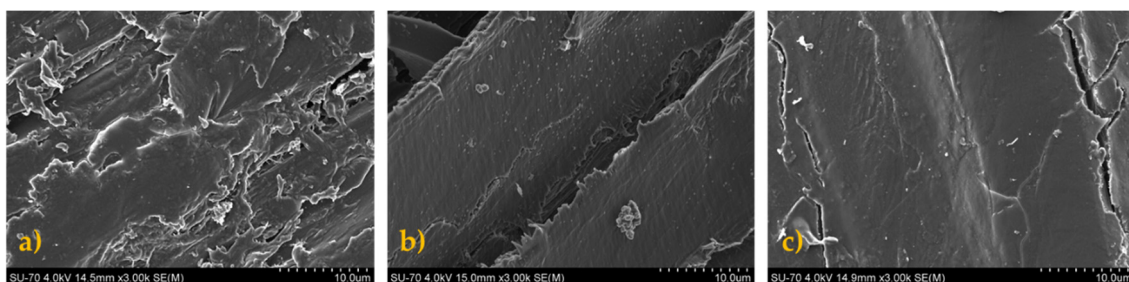


Figure S5 – SEM images from wood a) before, b) after 10 min of reaction and c) after 25 min of reaction.

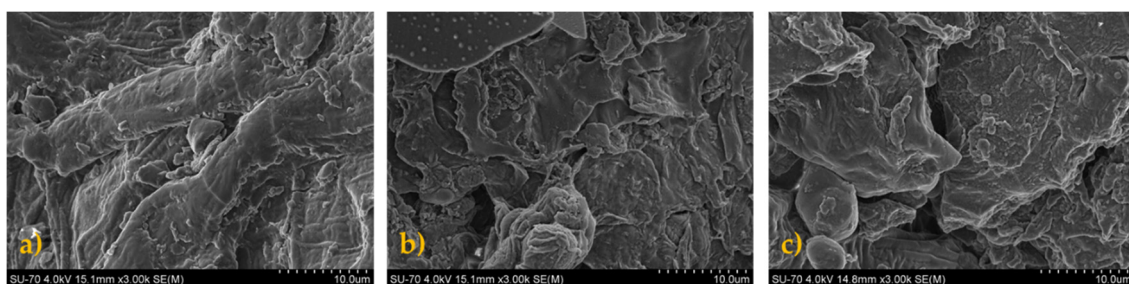


Figure S6 – SEM images from chestnut shell a) before, b) after 10 min of reaction and c) after 25 min of reaction.

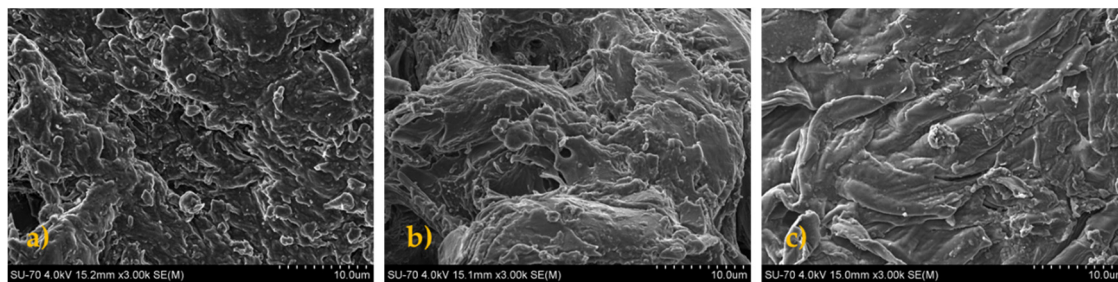


Figure S7 – SEM images from walnut shell a) before, b) after 10 min of reaction and c) after 25 min of reaction.

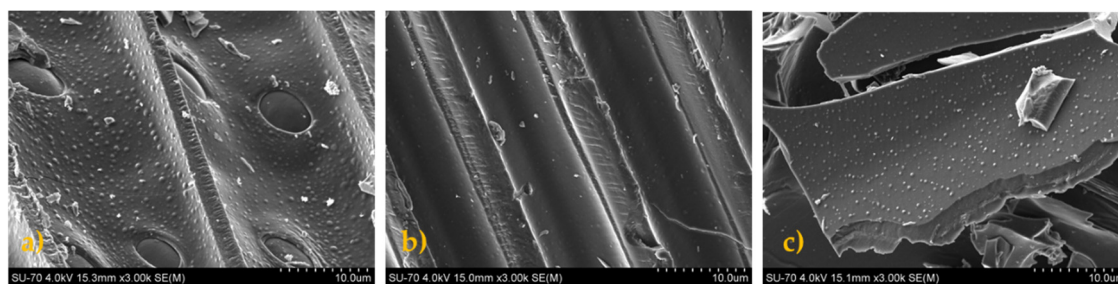


Figure S8 – SEM images from burnt wood a) before, b) after 10 min of reaction and c) after 25 min of reaction.