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## **Supporting Information**

## for

## Aurivillius Bi<sub>7</sub>Fe<sub>3-x</sub>Ni<sub>x</sub>Ti<sub>3</sub>O<sub>21</sub> nanostructure towards recyclable

## photocatalysts

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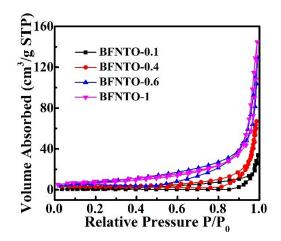


Figure S1 Adsorption-desorption isotherms of BFNTO samples.

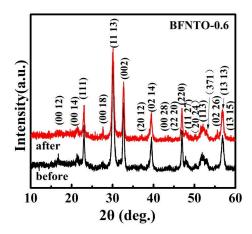


Figure S2 XRD patterns of BFNTO-0.6 sample before and after the photocatalytic RhB degradation.