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## Determination of the crystallinity of TiO<sub>2</sub> photocatalysts

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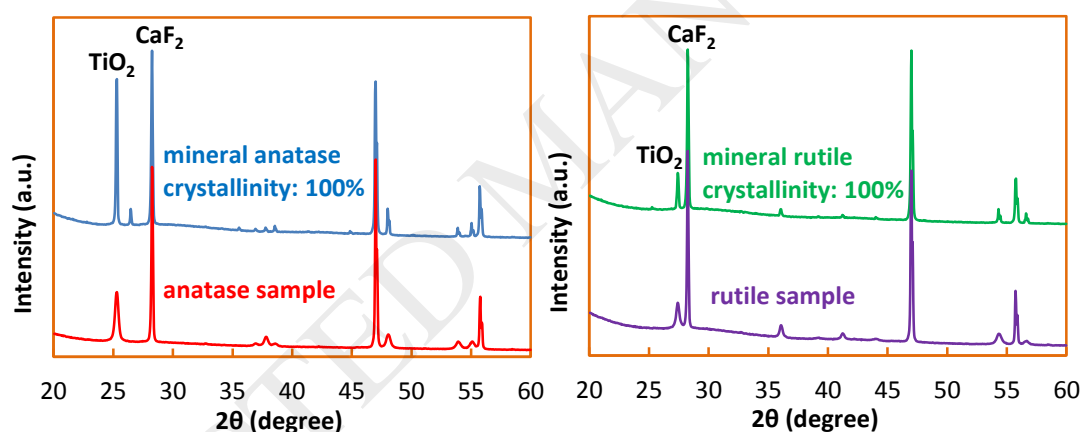
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Graphical abstract



XRD diffractograms of TiO<sub>2</sub>-CaF<sub>2</sub> mixtures used to determine the crystallinity of anatase and rutile samples

### Highlights

- The crystallinity of partly crystalline TiO<sub>2</sub> samples was determined by a facile method.
- Various TiO<sub>2</sub> samples were tested for a probe photocatalytic reaction.
- A correlation among crystallinity and photoactivity of the samples was evidenced.

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