

Electronic Supplementary Information to:

Sol-gel synthesis of defect-pyrochlore structured CsTaWO₆ and the tribochemical influences on photocatalytic activity

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Results and Discussion

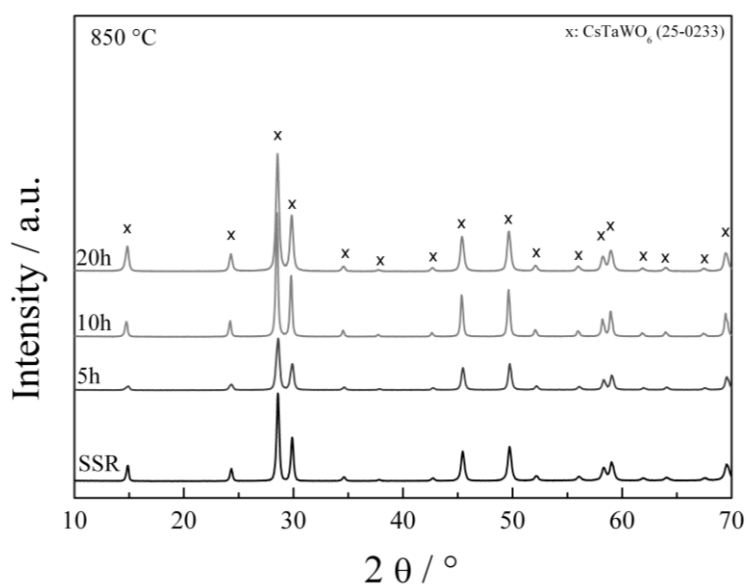


Fig. SD01 XRD patterns after calcination of CsTaWO₆ at 850 °C for different lengths.

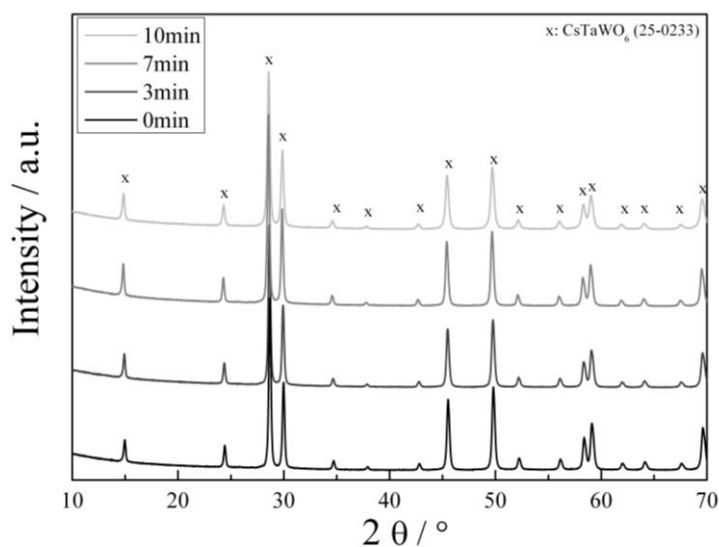


Fig. SD02 XRD patterns after different ball milling times.

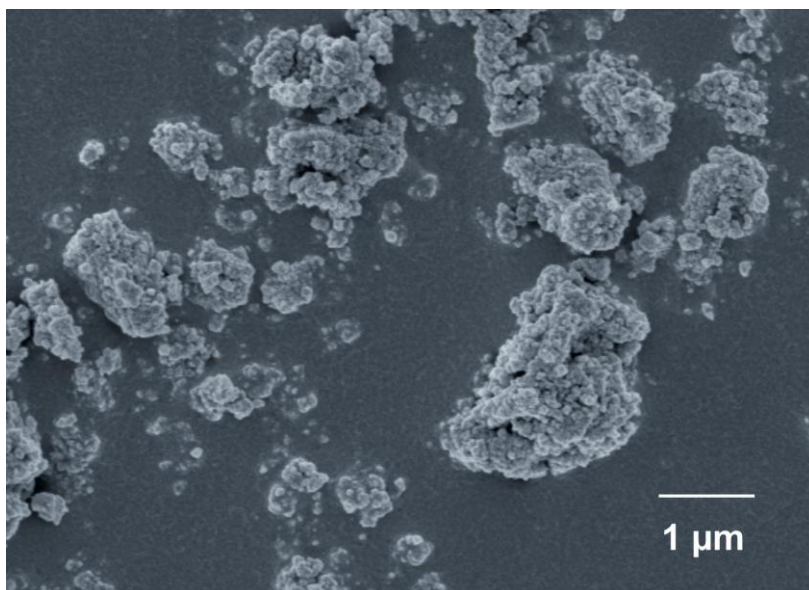


Fig. SD03 SEM image of CsTaWO₆ after sol–gel synthesis and calcination at 850 °C for 20 hours, and 10 minutes ball milling.

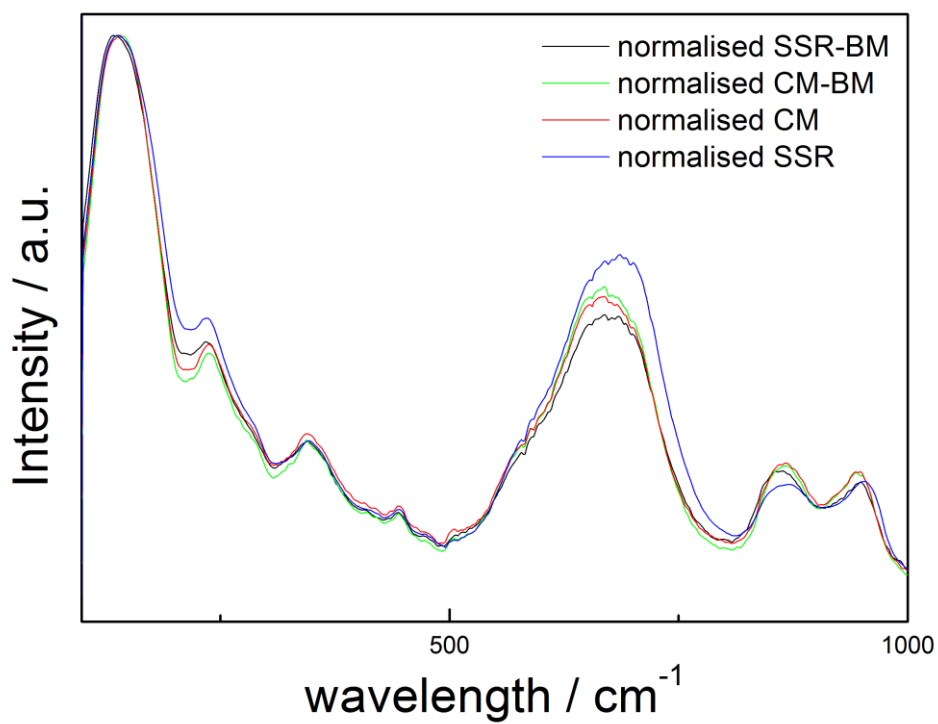


Fig. SD04 Normalised Raman spectra of ball milled samples (SSR & 20 h 850°C) compared to the untreated powders.