

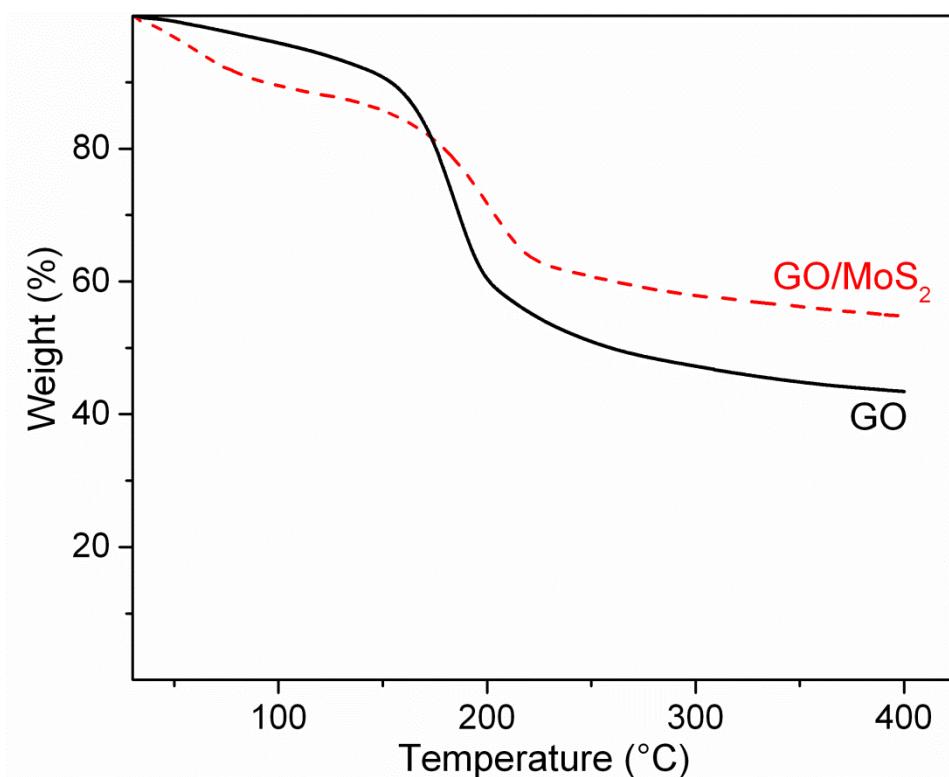
## Designing rGO/MoS<sub>2</sub> hybrid nanostructures for photocatalytic applications

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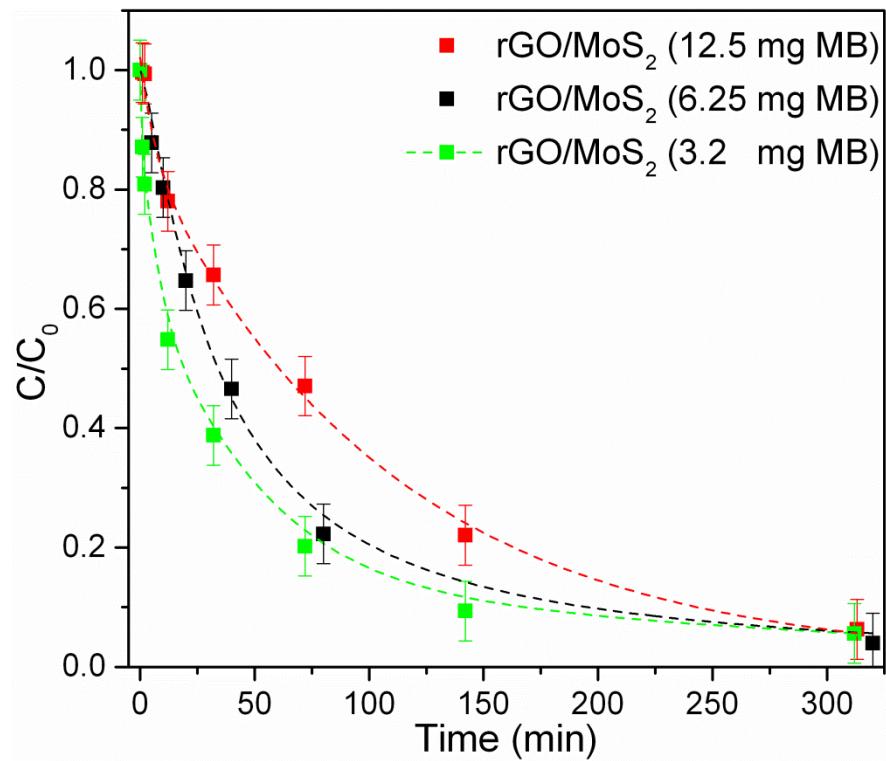
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### Electronic Supplementary Information (ESI)



**Fig. S1.** TGA curve of GO and of GO/MoS<sub>2</sub> under N<sub>2</sub> atmosphere, 5°C/min up to 400°C.



**Fig. S2.** Time dependence upon light exposure of MB adsorbed on rGO/MoS<sub>2</sub> for the three different initial concentrations of MB: 12.5 mgL<sup>-1</sup>, 6.25 mgL<sup>-1</sup> and 3.2 mgL<sup>-1</sup>.