

## Accepted Manuscript

Title: Impact of surface hydroxylation in  
MgO-/SnO-nanocluster modified TiO<sub>2</sub> anatase (101)  
composites on visible light absorption, charge separation and  
reducibility

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PII: S1001-8417(17)30505-3  
DOI: <https://doi.org/10.1016/j.cclet.2017.11.036>  
Reference: CCLET 4351

To appear in: *Chinese Chemical Letters*

Received date: 27-9-2017  
Revised date: 13-11-2017  
Accepted date: 24-11-2017



Please cite this article as: Stephen Rhatigan, Michael Nolan, Impact of surface hydroxylation in MgO-/SnO-nanocluster modified TiO<sub>2</sub> anatase (101) composites on visible light absorption, charge separation and reducibility, Chinese Chemical Letters <https://doi.org/10.1016/j.cclet.2017.11.036>

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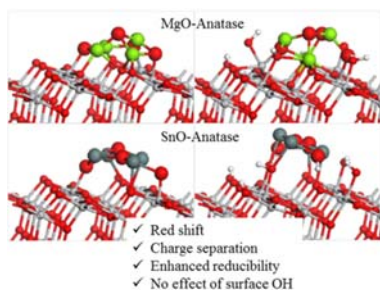
Communication

# Impact of surface hydroxylation in MgO-/SnO-nanocluster modified TiO<sub>2</sub> anatase (101) composites on visible light absorption, charge separation and reducibility

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## Graphical Abstract



Anatase TiO<sub>2</sub> surfaces, whether oxidised or hydroxylated, can be modified by nanoclusters of SnO and MgO to give a red shift in light absorption, enhanced charge separation and high reducibility.

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