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Title: Spectroelectrochemical analysis of TiO₂ electronic states – implications on the photocatalytic activity of anatase and rutile

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Spectroelectrochemical analysis of TiO₂ electronic states – implications on the photocatalytic activity of anatase and rutile

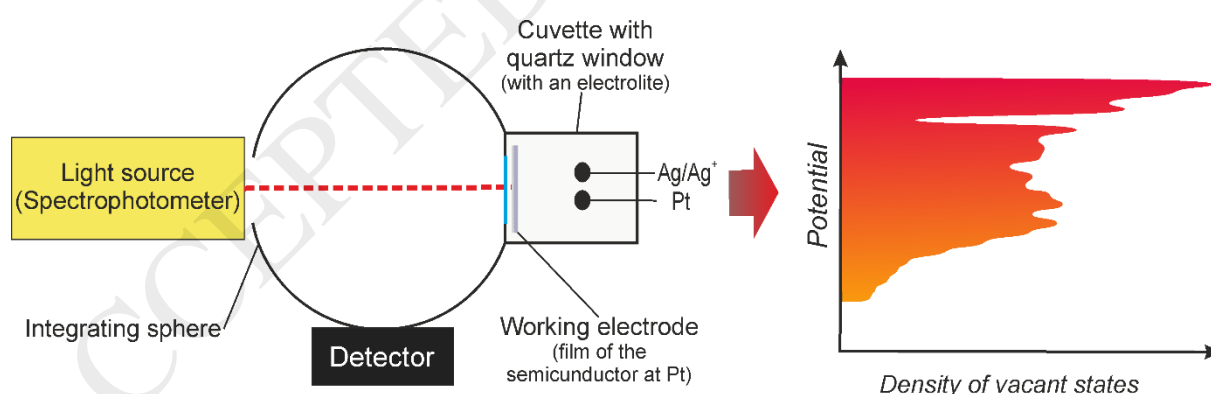
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Graphical abstract



Highlights

- A method of determination of density of states for semiconductors has been proposed.
- The method combines electrochemistry and diffuse reflectance spectroscopy.
- Its applicability for redox characterization of photocatalysts has been demonstrated.

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