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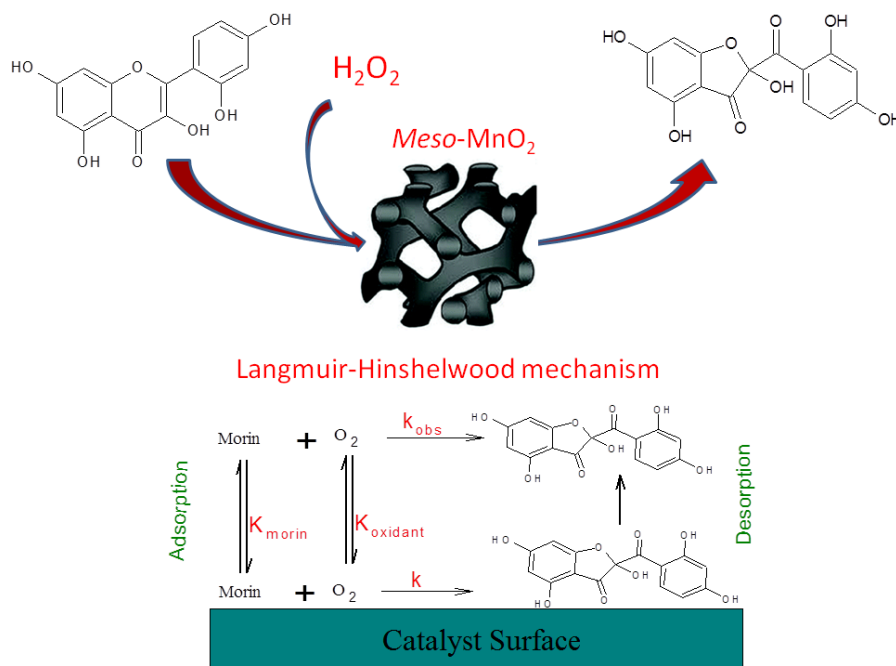
Revisiting kinetics of morin oxidation: Surface kinetics analysis

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Graphical abstract



Highlights

- Reducible mesoporous manganese oxide using the hard template method was synthesized.
- Oxidation of morin using hydrogen peroxide was used as a model reaction
- Langmuir-Hinshelwood and Mars-van Krevelen models were used to study the reaction.
- Absence of the oxidizing agent enabled surface analysis of the oxidation of morin

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