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Deceleration of SO₂ Poisoning on PtPd/Al₂O₃ Catalyst during Complete Methane Oxidation

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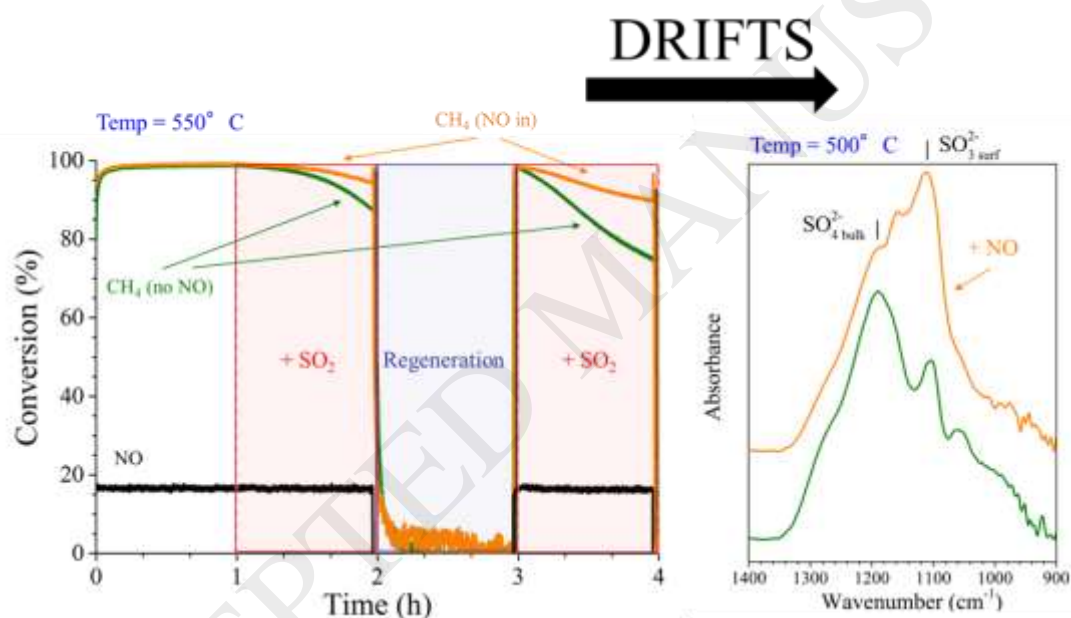
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Graphical abstract



Highlights

- Pt improves SO₂-resistance of Pd/Al₂O₃
- PtPd alloys favor methane oxidation
- NO postpones inhibition effect of H₂O and SO₂
- NO removes bulk sulfates forming surface sulfates/sulfites

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