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## ACCEPTED MANUSCRIPT

Understanding the "Seesaw Effect" of interlayered K<sup>+</sup> with different structure in manganese oxides for the enhanced formaldehyde oxidation

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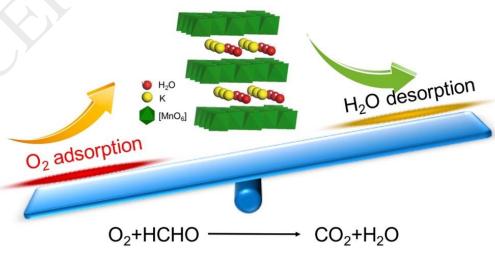
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### **Graphic abstract**



**Highlights** 

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