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## **Supporting information**

## High performance ozone decomposition over MnAl-based mixed oxide catalysts derived from layered double hydroxide

Mingpan Shao, Wei Hong, Tianle Zhu, Xinxin Jiang, Ye Sun\*, Shiyu Hou School of Space and Environment, Beihang University, Beijing 100191, China

## \*Corresponding author

Ye Sun; Address: School of Space and Environment, Beihang University, Beijing 100191, China.

E-mail: suny@buaa.edu.cn (Y. Sun).

## **Supplementary Figures**

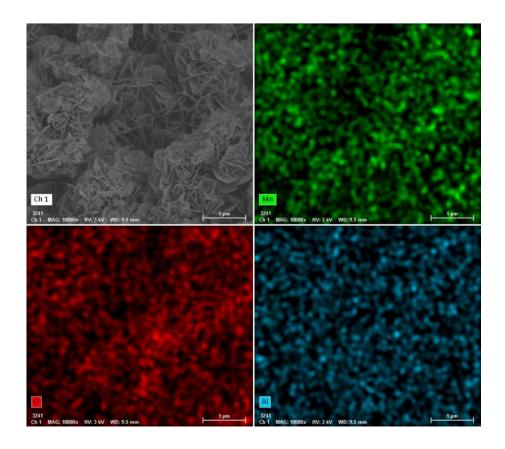


Fig.S1 SEM image and EDS mapping of the Mn<sub>2</sub>AlO-400 sample.

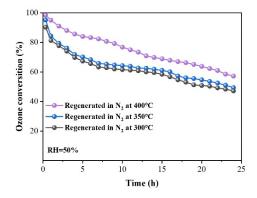


Fig. S2 Ozone conversion of Mn<sub>2</sub>AlO-400 after regeneration at 300-400 °C.

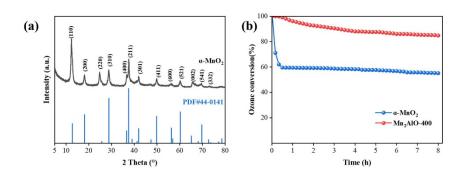


Fig.S3 (a) XRD pattern of  $\alpha$ -MnO<sub>2</sub>; (b) Ozone conversion over  $\alpha$ -MnO<sub>2</sub> and Mn<sub>2</sub>AlO-400 samples.