

Atmos. Chem. Phys. Discuss., author comment AC3  
<https://doi.org/10.5194/acp-2022-6-AC3>, 2022  
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## Reply on RC3

Yuhan Liu et al.

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Author comment on "The positive effect of formaldehyde on the photocatalytic renoxification of nitrate on TiO<sub>2</sub> particles" by Yuhan Liu et al., Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2022-6-AC3>, 2022

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Dear the reviewer,

Thanks for your comments, which will be all valuable and very helpful for revising and improving the manuscript, as well as the important guiding significance to our researches. We have thought deeply about the experimental design, and answer the comments point by point.

The response is quite long, totally 7 pages with 3 figures and 1 table inside. We find that it is difficult to text and upload the figures in this box. So, we uploaded our response file as supplement.

Best regards and many thanks.

Jing Shang

Please also note the supplement to this comment:

<https://acp.copernicus.org/preprints/acp-2022-6/acp-2022-6-AC3-supplement.pdf>