

Interactive comment on “Atmospheric hydrogen peroxide and organic hydroperoxides during PRIDE-PRD’06, China: their concentration, formation mechanism and contribution to secondary aerosols” by W. Hua et al.

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Dear authors, Before making a final decision, I would like you to make some further modifications to this manuscript.

1. The in depth discussion of the SO₂ interference on the measurements, as explained to referee#2, needs to make its way into the manuscript (Methods + section 3.5.1), since this issue is crucial to the interpretation of the observations.
2. Please add more details on the isoprene measurements; analytical methods, cali-

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bration, references.

3. Discussion on H₂O₂ and WSOC and Figure 8. The argument that the negative correlation observed between these two species is due to WSOC formation is very weak. The decrease in H₂O₂ in the evening is expected from a lack of photochemical formation, plus its deposition (and reaction with SO₂). This section needs to be substantially modified and the claims regarding the links between H₂O₂ and WSOC should be played down.

4. Finally, the grammar of some of the additions/changes to the manuscript needs attention.

Interactive comment on Atmos. Chem. Phys. Discuss., 8, 10481, 2008.

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