

Reviewer's Comments:

The authors did not try to improve the manuscript. Out of the 7 points that I defined as in need of corrections only 2 have been addressed.

Author's Feedback:

I have complied with two of the reviewer's comments. I did not make changes on the rest because I strongly disagreed with them for the reasons I made clear in my first response which is given below. I have complied with four out of the five reviews. If that's not satisfactory so be it.

The other references are not randomly picked, they refer to state of the art calculations of this kind. I do not agree with other comments. The results are clearly stated and summarized in the conclusion i.e. that N4- and N8- can clearly catalyze the dissociation of HO₂. The result is in agreement with the experimental results of ref. 8 and lends support to their interpretation.