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Supporting Information

Theoretical investigations on hydrogen peroxide decomposition in aquo

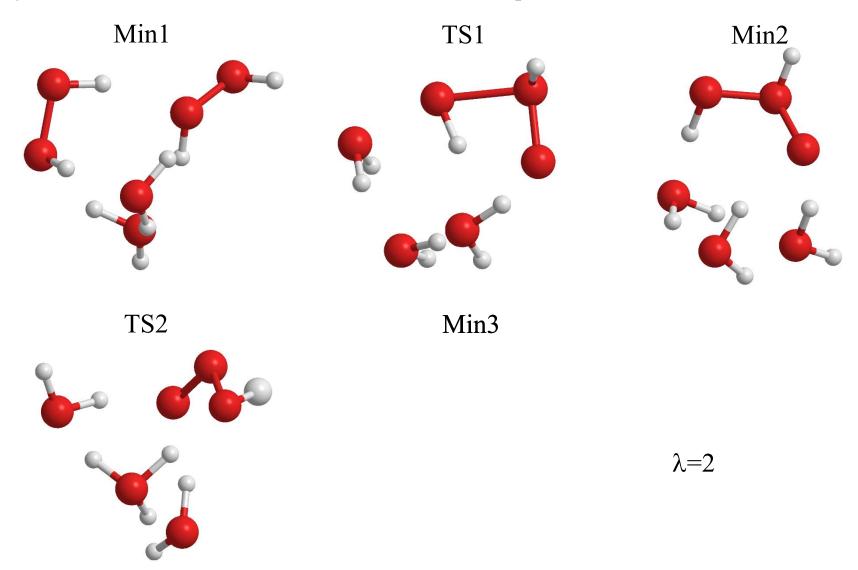
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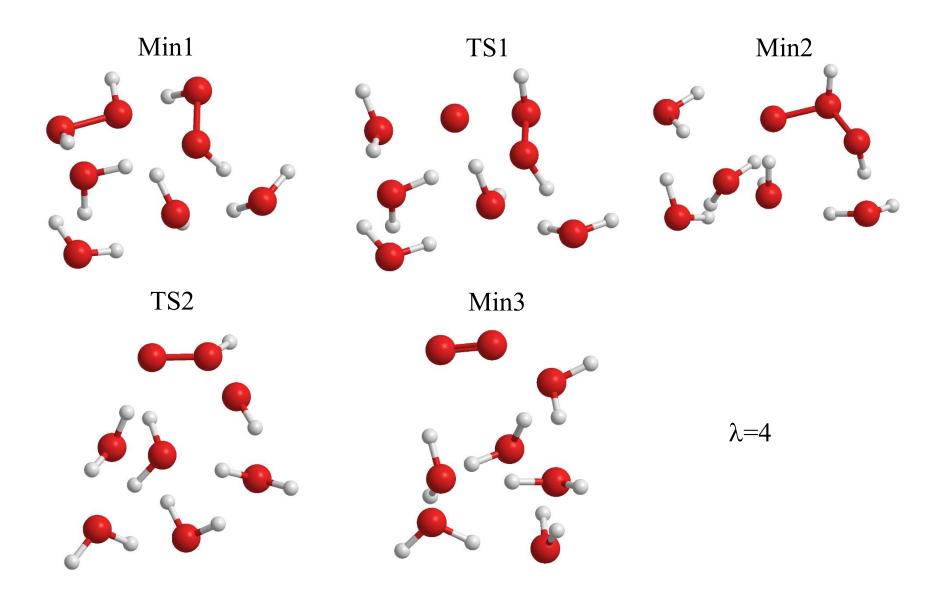
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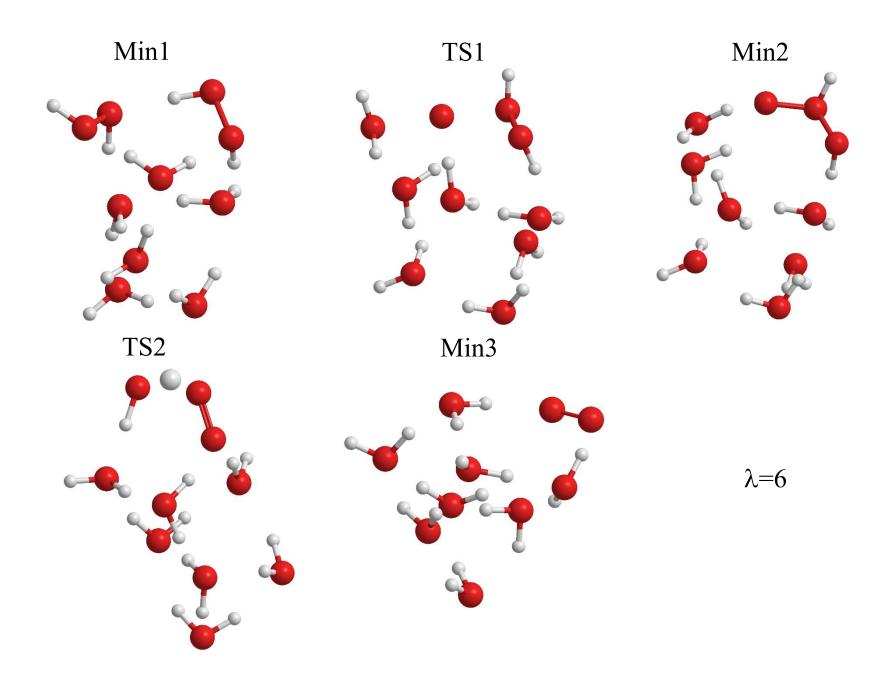
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Fig. S1. Molecular structures of H_2O_2 decomposition reaction at each step for the explicit hydration numbers of λ =2, 4, 6 and 8. LC-BLYP/ cc-pVDZ calculations.







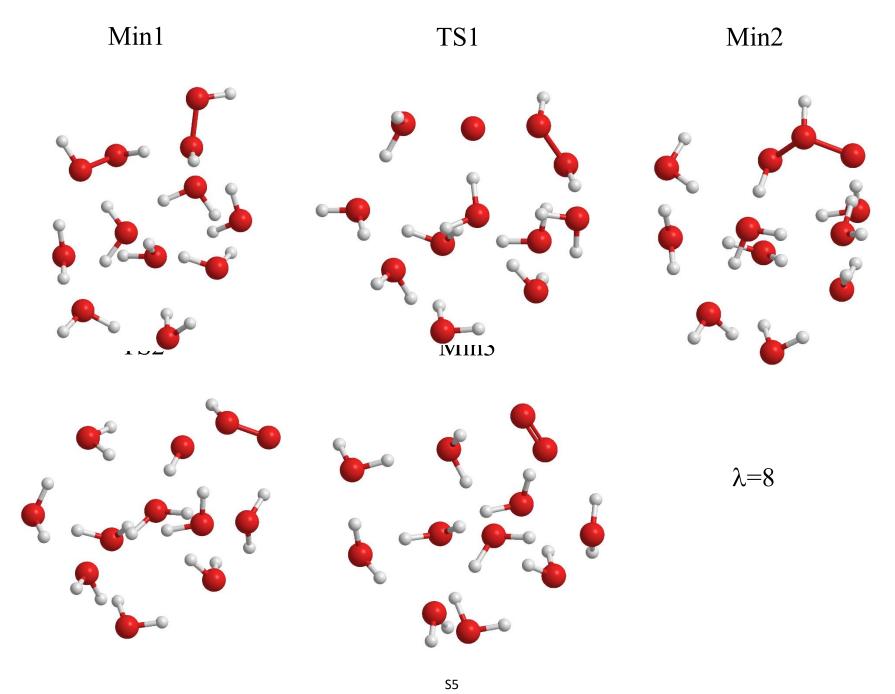


Fig. S2. Calculated vibrational spectra of OHOHO and HOOOH radicals, which are coordinated by two H₂O molecules. LC-BLYP/ cc-pVDZ calculations.

