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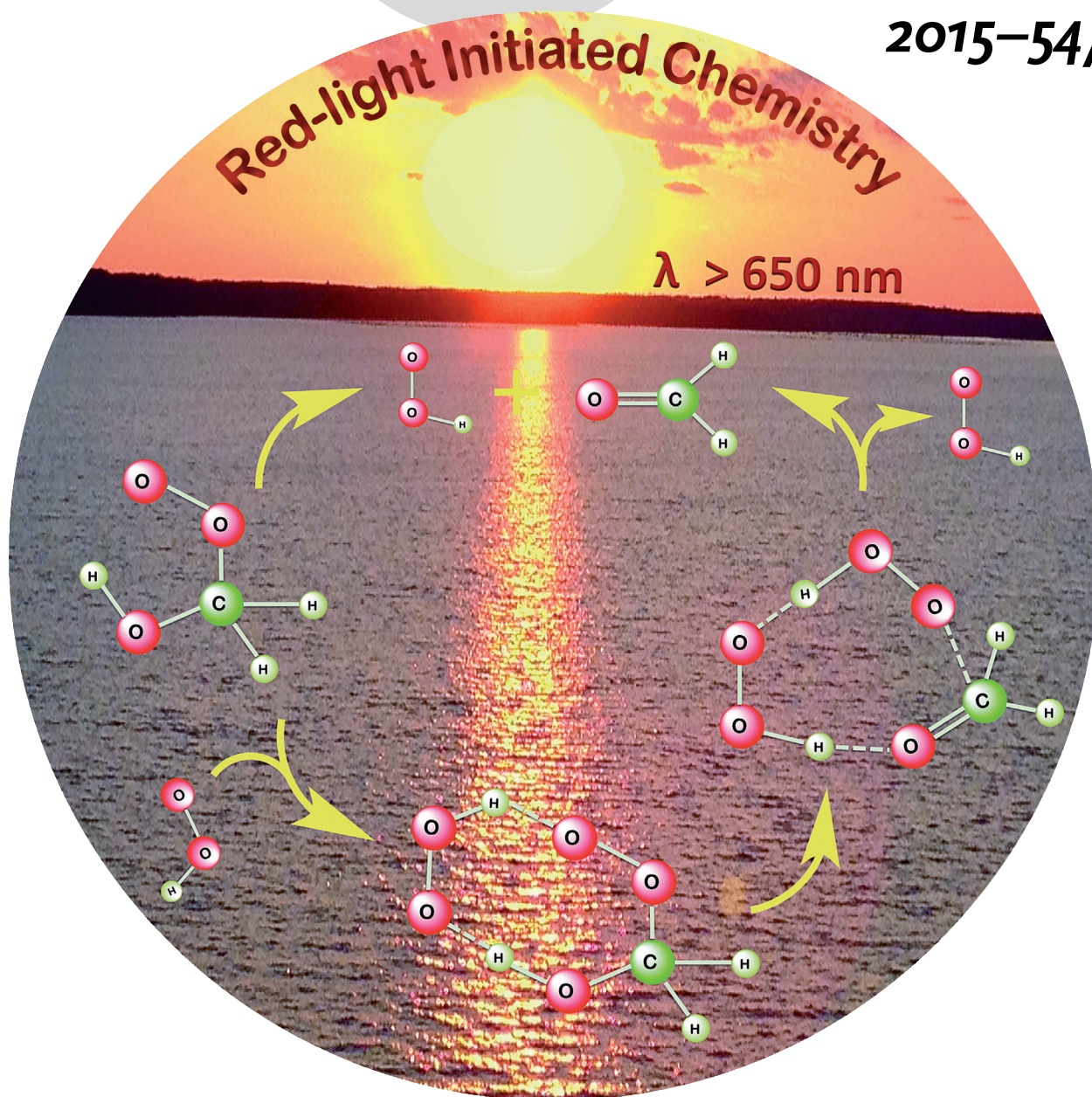
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The red-light-initiated gas-phase decomposition ...

... of the α -hydroxy methylperoxy radical has been examined by quantum chemical calculations. In their Communication on page 15711 ff., J. S. Francisco and M. Kumar report the important chemical role of the $\text{H}_2\text{O}\cdot\text{HO}_2$ radical complex that exist in significant abundance in the troposphere. The reaction of organic peroxy radicals with the HO_2 radical and the $\text{H}_2\text{O}\cdot\text{HO}_2$ radical complex is a new example of red-light-initiated atmospheric chemistry.

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