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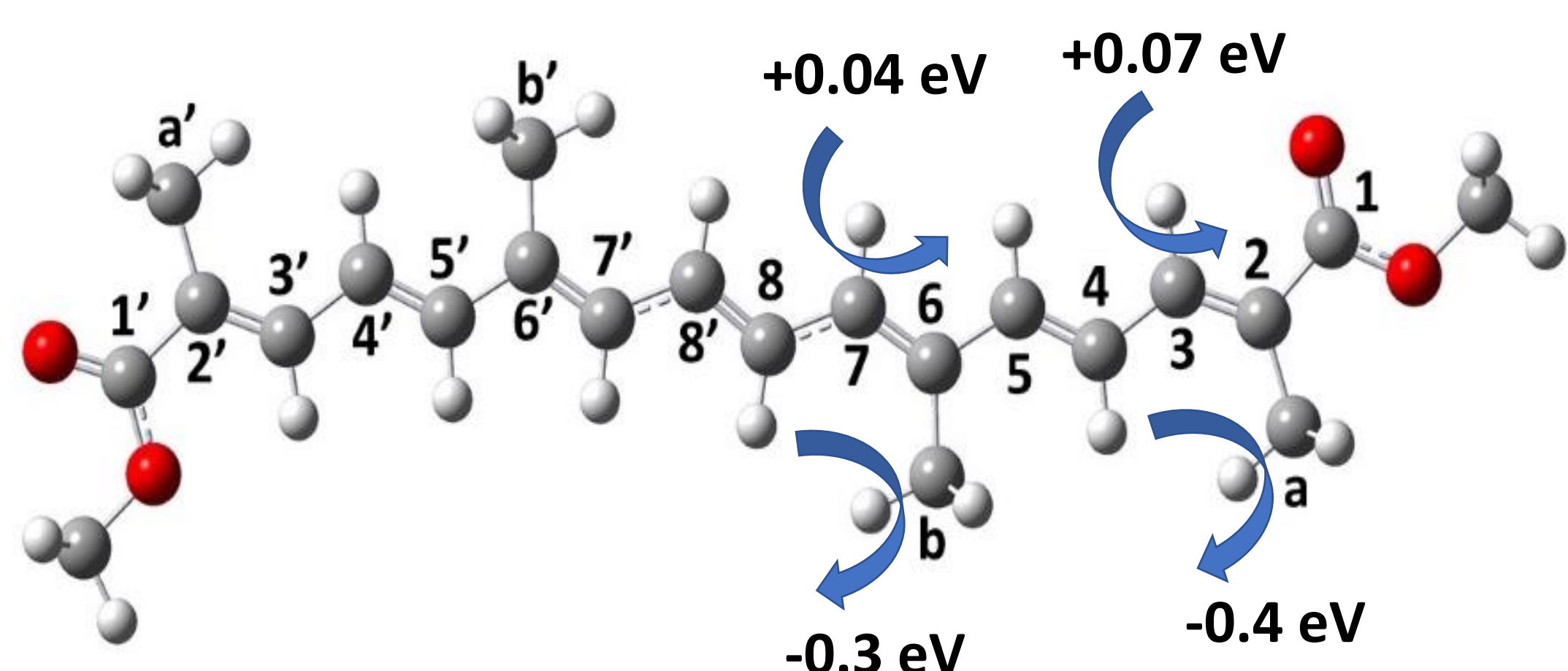
Mechanistic Investigation of the Antioxidant Properties of Crocin by Radiolysis and Molecular Simulations

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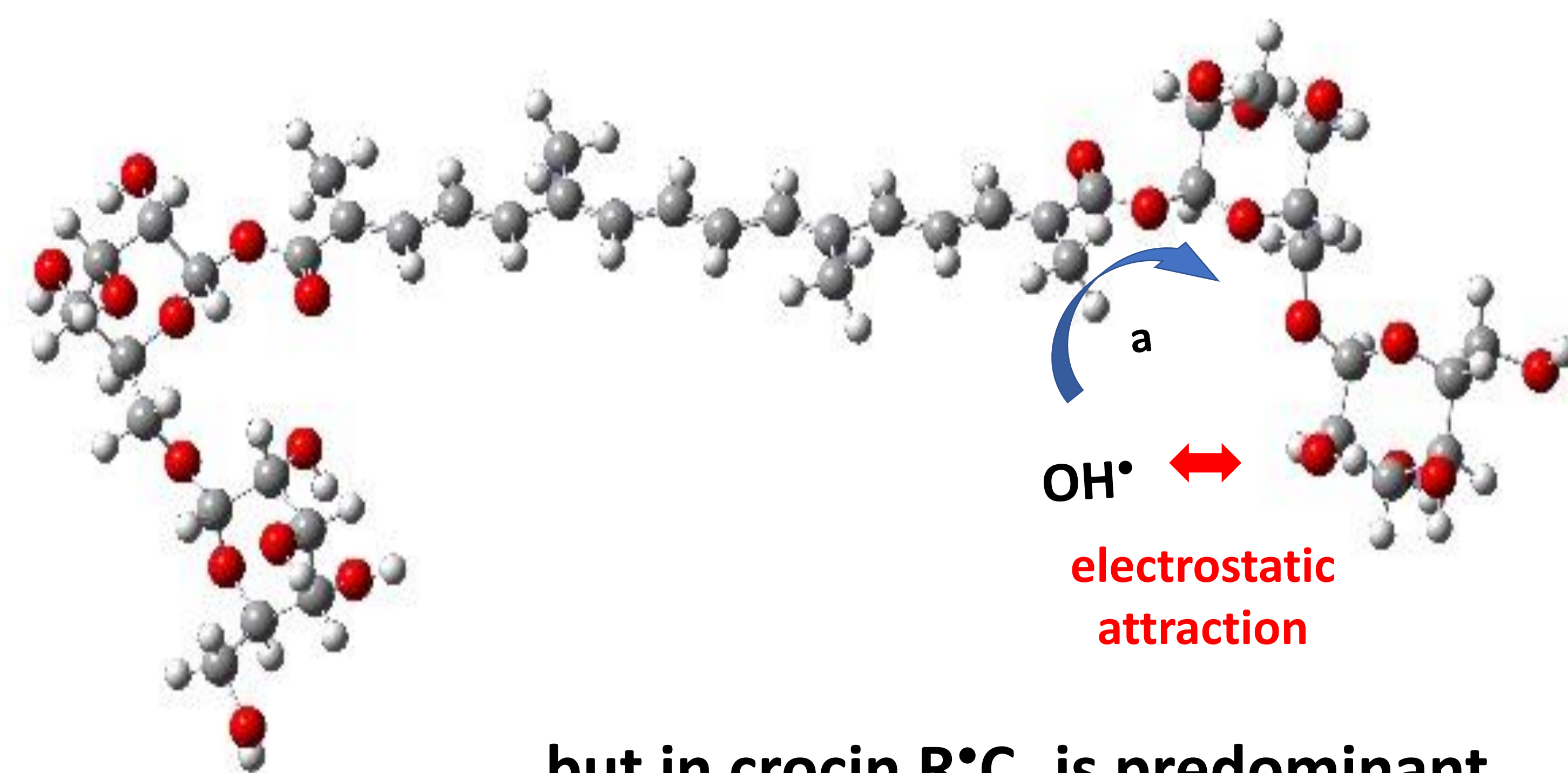
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barriers to oxidation by OH^\bullet
by H abstraction



in Me_2 -crocetin

$\text{R}^\bullet\text{C}_a$ and $\text{R}^\bullet\text{C}_b$ have the same probability



but in crocin $\text{R}^\bullet\text{C}_a$ is predominant

→ sugar-driven oxidation

