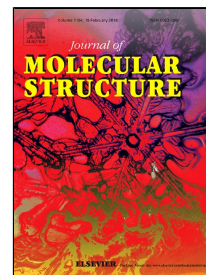


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Experimental and theoretical study on DPPH radical scavenging mechanism of some chalcone quinoline derivatives

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- The mechanism of DPPH radical scavenging elucidated by means of DFT calculations.
- The site responsible of the electron transfer is determined by HOMO distribution.
- The mechanism type is influenced by the reaction medium.

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