

## Graphical synopsis

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**Corrole photochemistry**

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**Invited paper:** This review provides a comprehensive overview of corrole photochemistry. Corroles are most often utilized as photosensitizers that transfer energy or an electron to molecular oxygen ( $^3\text{O}_2$ ), generating singlet oxygen ( $^1\text{O}_2$ ) and superoxide ( $\text{O}_2^{\bullet-}$ ), respectively. These reactive oxygen species can be used to drive chemical reactions, or kill cells in a process known as photodynamic therapy. Although less explored, light can directly activate M–L bonds to generate radicals that perform chemical reactions.

**Keywords:** Corrole;  
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photochemistry; photo-  
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