

Chemistry Europe

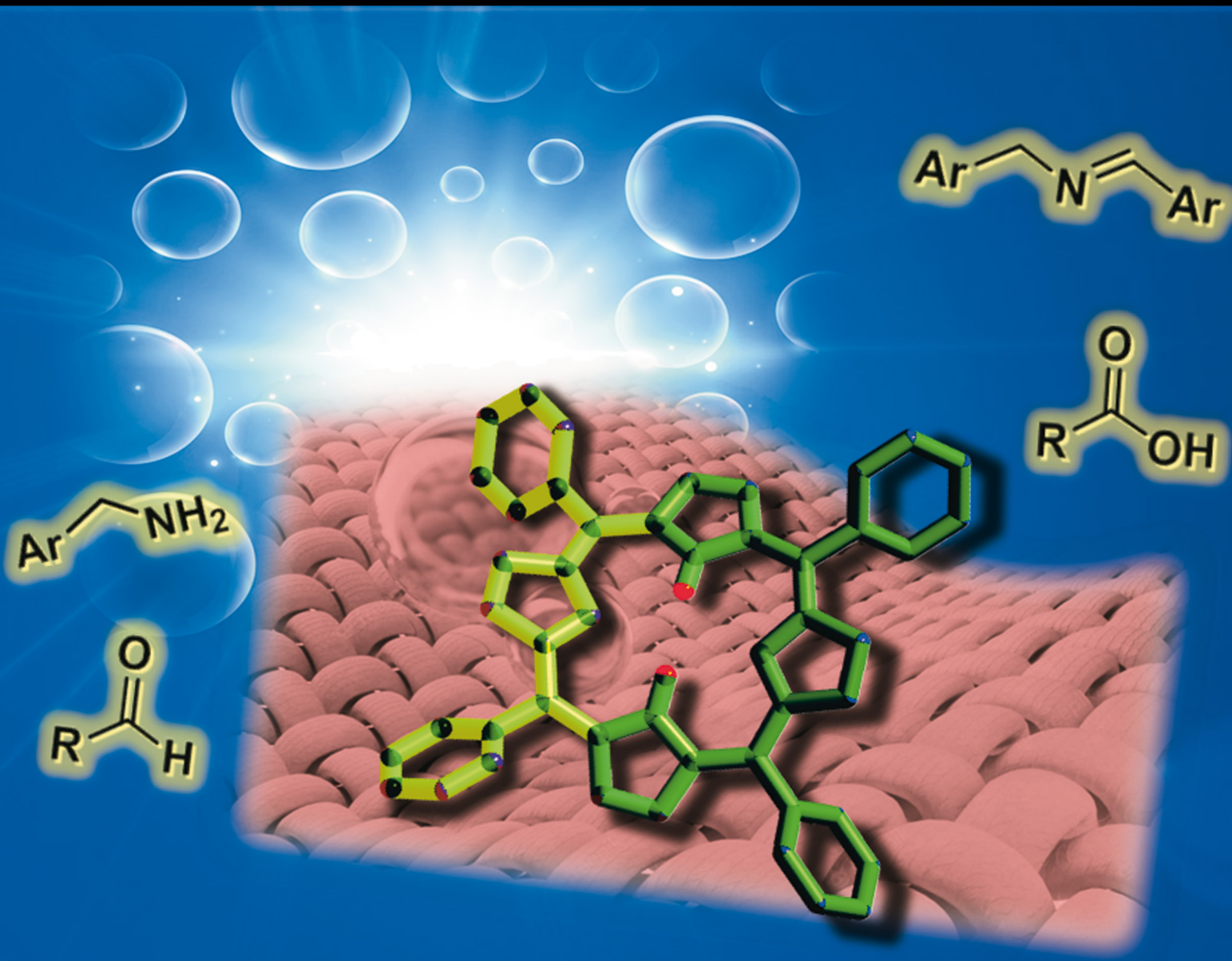


Excellence in Chemistry Research Worldwide

Cover Feature:

Emma Gallo and co-workers

Porphyrins Anchored onto Colour Catcher®: Photoactive Material for the Conversion of Amines into Imines and Aldehydes into Carboxylic Acids



The Cover Feature shows the utilization of porphyrins attached to Colour Catcher® in mediating the photooxidation of amines or aldehydes. This innovative approach harnesses the power of white light and molecular oxygen, enabling cost-effective, time-efficient, and energy-saving reactions. In addition, the chemical stability, recyclability, and biodegradability of the Colour Catcher®-based photoactive material align with the growing societal need for the eco-friendly production of fine chemicals. More information can be found in the Research Article by Emma Gallo and co-workers.



*Dr. C. Damiano, M. Cavalleri, Prof. C. di Natale, Prof. R. Paolesse, Prof. E. Gallo**

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