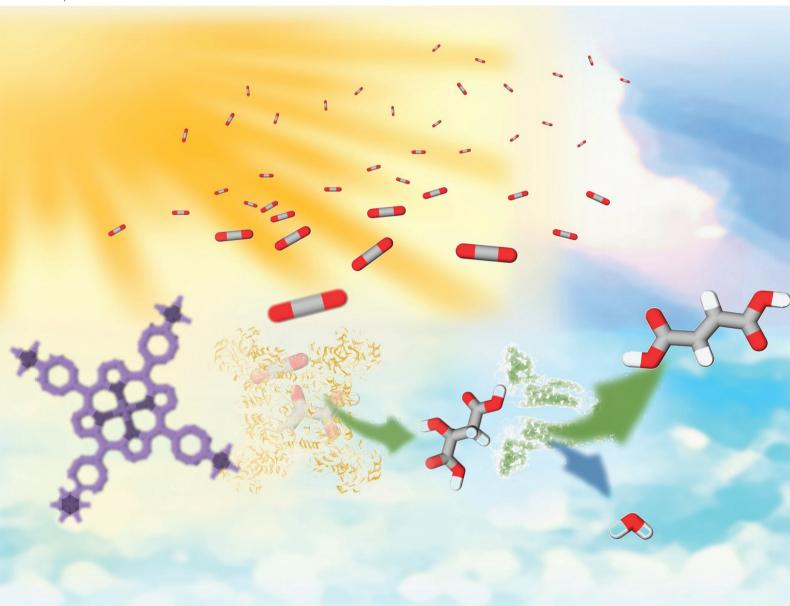
Volume 53 Number 2 14 January 2024 Pages 367-822

## Dalton Transactions

An international journal of inorganic chemistry rsc.li/dalton



ISSN 1477-9226



## COMMUNICATION

Mika Takeuchi and Yutaka Amao An effective visible-light driven fumarate production from gaseous  $\mathrm{CO}_2$  and pyruvate by the cationic zinc porphyrin-based photocatalytic system with dual biocatalysts