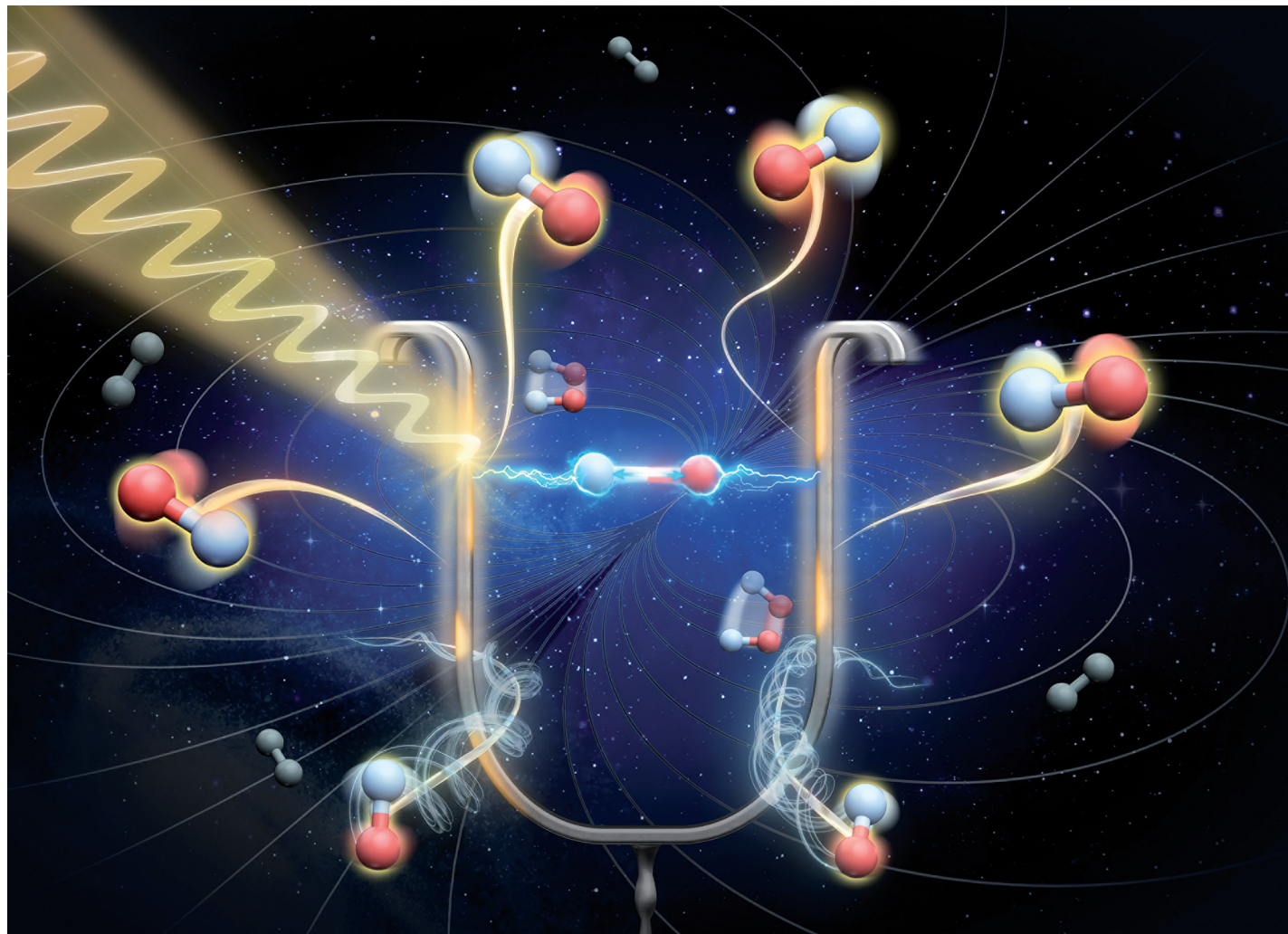


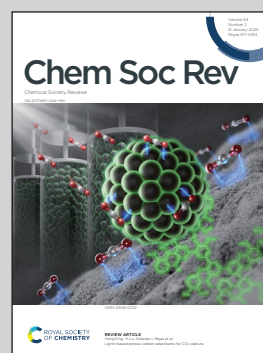


Showcasing research from Professor Long and Professor Xiong's laboratory, Hefei National Research Center for Physical Sciences at the Microscale, Key Laboratory of Precision and Intelligent Chemistry, School of Chemistry and Materials Science, and National Synchrotron Radiation Laboratory, School of Nuclear Science and Technology, University of Science and Technology of China, Hefei, China.

Catalysis under electric-/magnetic-/electromagnetic-field coupling

This review outlines recent advances in catalysis under electric-/magnetic-/electromagnetic-field coupling from the macroscopic molecular motion and the microscopic electron-state alteration, especially elucidating the pivotal role of dipole manipulation by external electromagnetic fields.

As featured in:



See Ran Long, Yujie Xiong *et al.*,
Chem. Soc. Rev., 2025, **54**, 524.