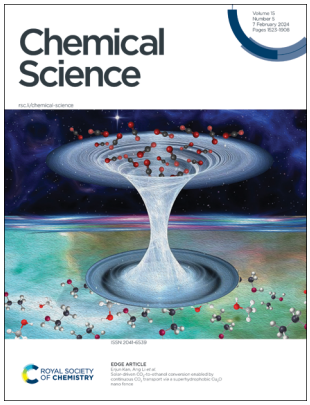
Chemical Science

rsc.li/chemical-science

The Royal Society of Chemistry is the world's leading chemistry community. Through our high impact journals and publications we connect the world with the chemical sciences and invest the profits back into the chemistry community.

IN THIS ISSUE

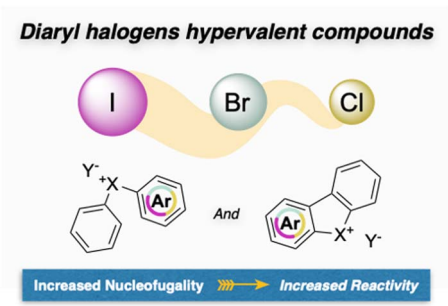
ISSN 2041-6539 CODEN CSHCBM 15(5) 1523–1908 (2024)



Cover
See Erjun Kan, Ang Li *et al.*, pp. 1638–1647. Image reproduced by permission of Ang Li from *Chem. Sci.*, 2024, **15**, 1638.

Inside cover
See Carlos E. Puerto Galvis, Emilio Palomares *et al.*, pp. 1534–1556. Image reproduced by permission of Laia Plana Mendoza, Carlos E. Puerto Galvis and Emilio Palomares from *Chem. Sci.*, 2024, **15**, 1534. Artwork by Laia Plana Mendoza and Carlos E. Puerto Galvis (ICIQ).

PERSPECTIVES



ROYAL SOCIETY OF CHEMISTRY

Fuelling your energy research

Energy & Environmental Science

Agenda-setting research in energy science and technology

Chair of the Editorial Board

Jenny Nelson, Imperial College London, UK

Impact factor 2021: 39.714, median time to first decision (peer reviewed articles only): 46 days*.

rsc.li/ees

EES Catalysis

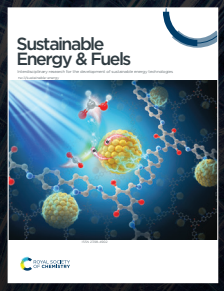
Exceptional research on energy and environmental catalysis

Editor-in-Chief

Shizhang Qiao, University of Adelaide, Australia

Median time to first decision (peer reviewed articles only): 24 days*.

rsc.li/ees-catalysis



Sustainable Energy & Fuels

Driving the development of sustainable energy technologies through cutting edge research

Editor-in-Chief

Garry Rumbles, National Renewable Energy Laboratory and University of Colorado Boulder, USA

Impact factor 2021: 6.813, median time to first decision (peer reviewed articles only): 28 days*.

rsc.li/sustainable-energy

Energy Advances

Embracing research at the nexus of energy science and sustainability

Editor-in-Chief

Volker Presser, Leibniz Institute for New Materials, Germany

Median time to first decision (peer reviewed articles only): 32 days*.

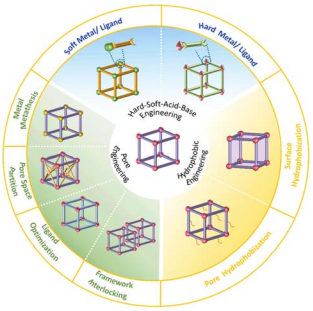
rsc.li/energy-advances

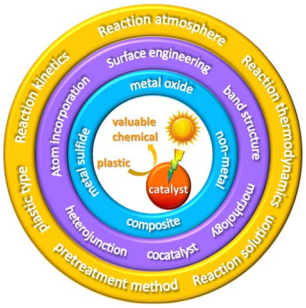
Submit your work today

rsc.li/energy

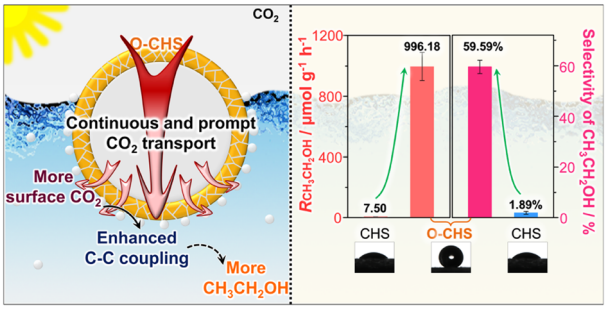
*Visit **rsc.li/metrics-explainer** for more information

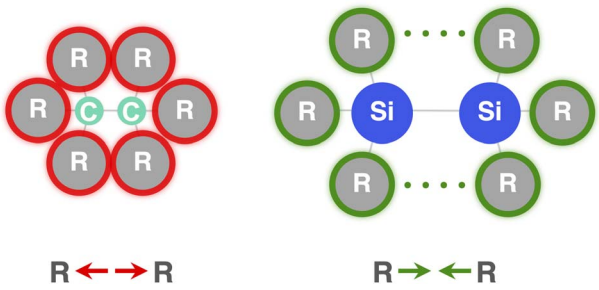
REVIEWS





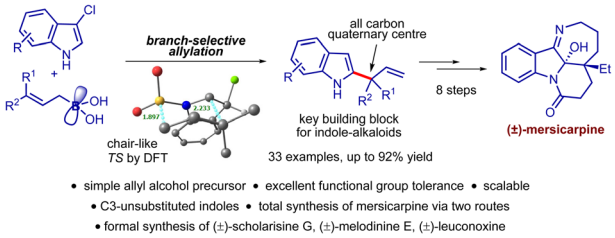
EDGE ARTICLES

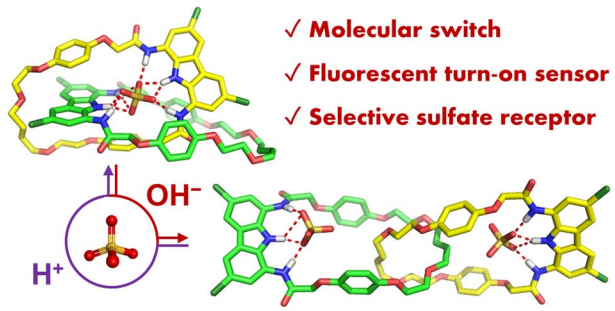


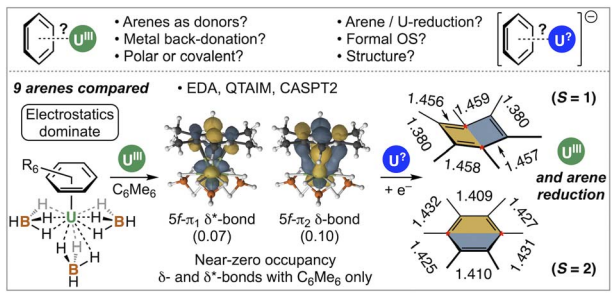


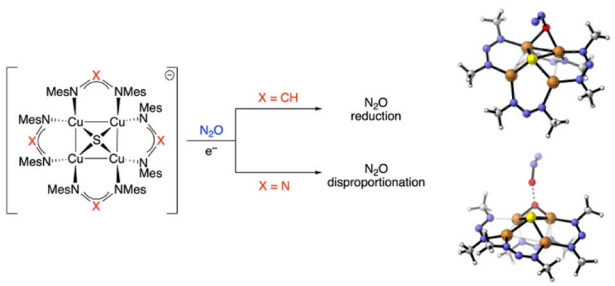
EDGE ARTICLES

EDGE ARTICLES









EDGE ARTICLES

EDGE ARTICLES