Reaction Chemistry & Engineering

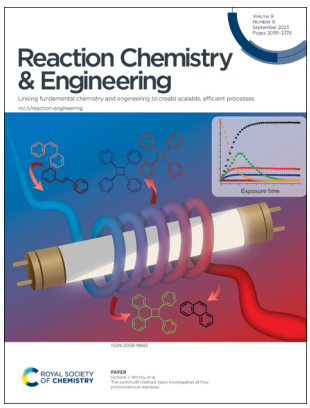
Bridging the gap between chemistry and chemical engineering

rsc.li/reaction-engineering

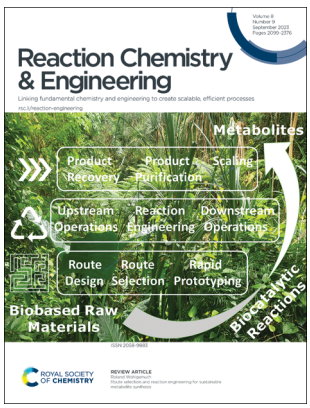
The Royal Society of Chemistry is the world's leading chemistry community. Through our high impact journals and publications we connect the world with the chemical sciences and invest the profits back into the chemistry community.

IN THIS ISSUE

ISSN 2058–9883 CODEN RCEEBW 8(9) 2099–2376 (2023)

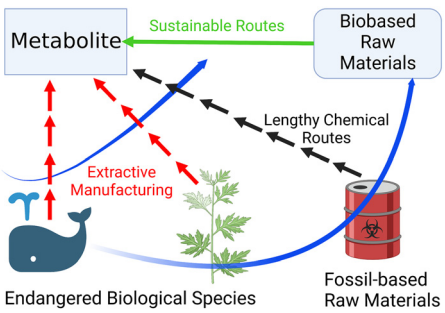


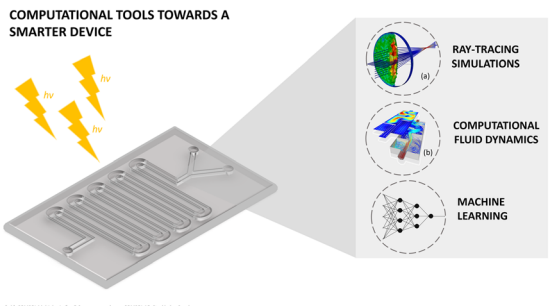
Cover
See Richard J. Whitby *et al.*, pp. 2134–2140.
Image reproduced by permission of Dawid Drelinkiewicz from *React. Chem. Eng.*, 2023, **8**, 2134.



Inside cover
See Roland Wohlgemuth, pp. 2109–2118.
Image reproduced by permission of Roland Wohlgemuth from *React. Chem. Eng.*, 2023, **8**, 2109.

REVIEWS





Reaction Chemistry & Engineering (electronic: ISSN 2058-9883) is published 12 times a year by the Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, UK CB4 0WF.

All orders, with cheques made payable to the Royal Society of Chemistry, should be sent to the Royal Society of Chemistry Order Department, Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, CB4 0WF, UK
Tel +44 (0)1223 432398; E-mail: orders@rsc.org

2023 Annual (electronic) subscription price: £2584; $4262. Customers in Canada will be subject to a surcharge to cover GST. Customers in the EU subscribing to the electronic version only will be charged VAT.

If you take an institutional subscription to any Royal Society of Chemistry journal you are entitled to free, site-wide web access to that journal. You can arrange access via Internet Protocol (IP) address at www.rsc.org/ip

Customers should make payments by cheque in sterling payable on a UK clearing bank or in US dollars payable on a US clearing bank.

ROYAL SOCIETY OF CHEMISTRY

Reaction Chemistry & Engineering

rsc.li/reaction-engineering

Bridging the gap between chemistry and chemical engineering

Information for Authors

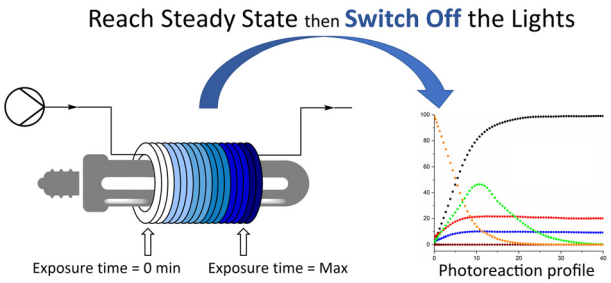
Full details on how to submit material for publication in Reaction Chemistry & Engineering are given in the Instructions for Authors (available from http://www.rsc.org/authors). Submissions should be made via the journal's homepage: rsc.li/reaction-engineering. Submissions: The journal welcomes submissions of manuscripts for publication as Review Articles and Minireviews. Full Papers and Communications should describe original work of high quality and impact.

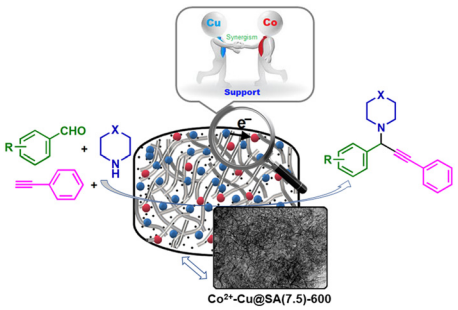
Additional details are available from the Editorial Office or http://www.rsc.org/authors

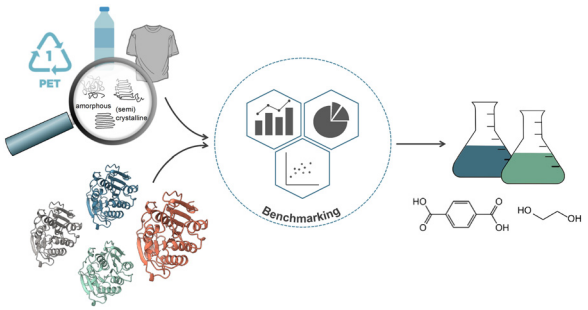
Authors may reproduce/republish portions of their published contribution without seeking permission from the Royal Society of Chemistry, provided that any such republication is accompanied by an acknowledgement in the form: (Original Citation)–Reproduced by permission of the Royal Society of Chemistry.

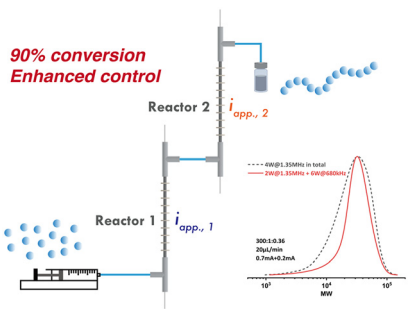
Registered charity number: 207890

PAPERS



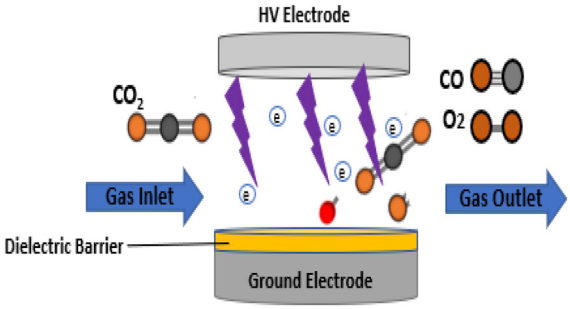


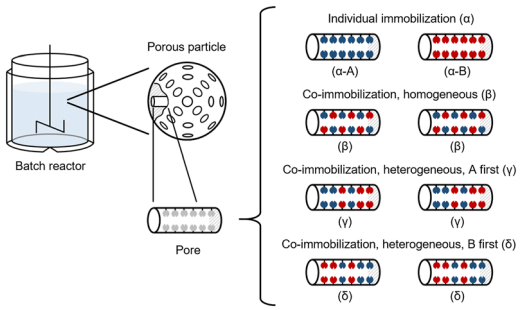


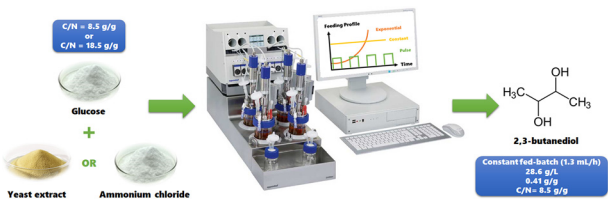


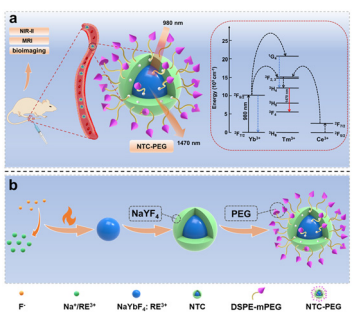
PAPERS

PAPERS







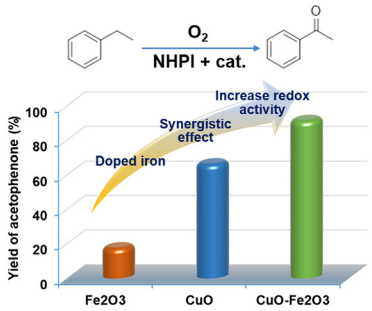


PAPERS

PAPERS

PAPERS

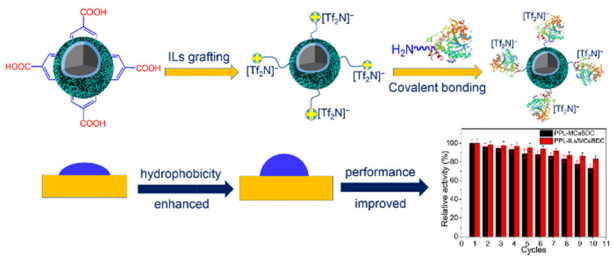
2353



Dioxygen-triggered oxidation of benzylic C–H bonds: insight on the synergistic effect of Cu–Fe bimetallic oxide

Aniruddha Singha, Anil Chandra Kothari, Rajaram Bal and Biswajit Chowdhury*

2365



Metal–organic framework-supported ionic liquids for lipase immobilization: design, characterization, and investigation of catalytic performance

Hongbo Suo, Qi Qi, Xusheng Dai, Xinyue Geng, Qi Li, Jie Yang, Guoyun Liu,* Renmin Liu* and Lili Xu*