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Chemical Communications (print: ISSN 1359-7345; electronic: ISSN 1364-548X) is published 100 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
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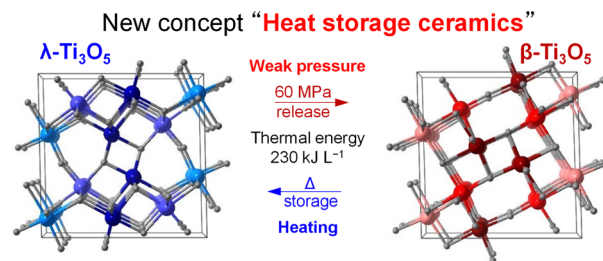
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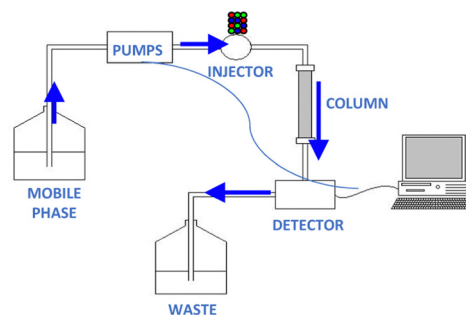
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Jessica MacDougall, Yusuke Ikeda and Hiroko Tokoro*

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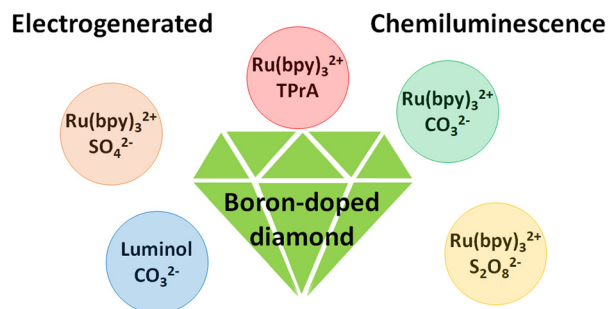
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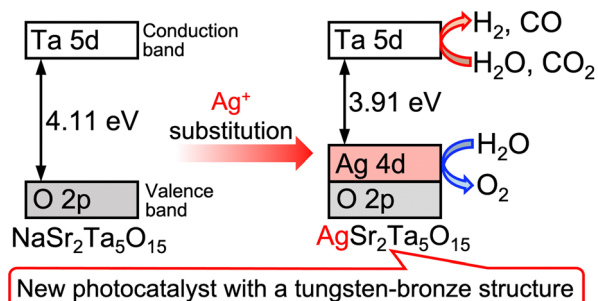
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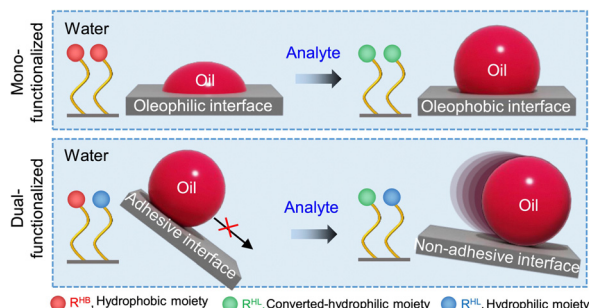
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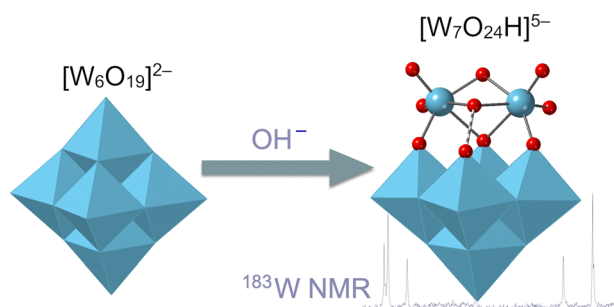
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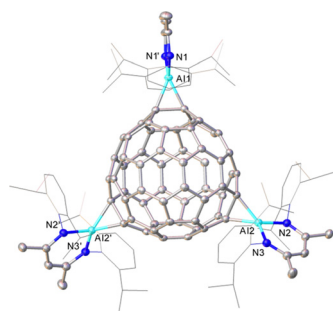
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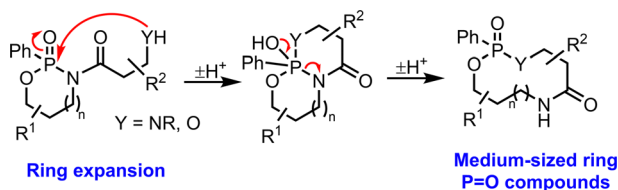
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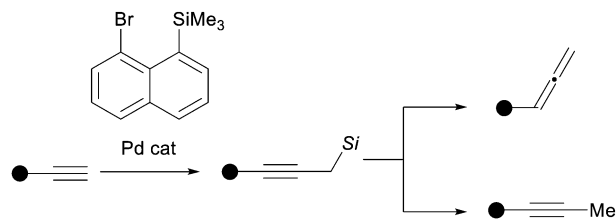


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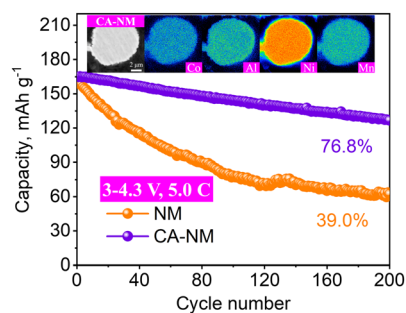
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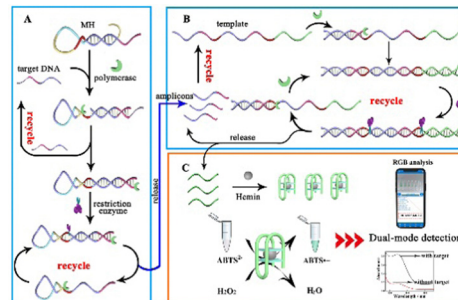
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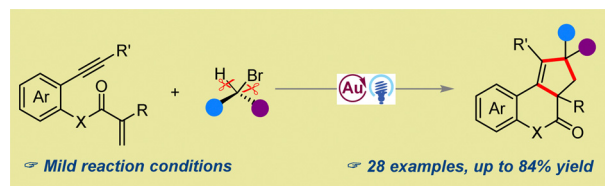
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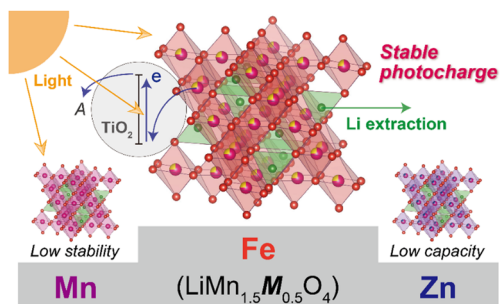
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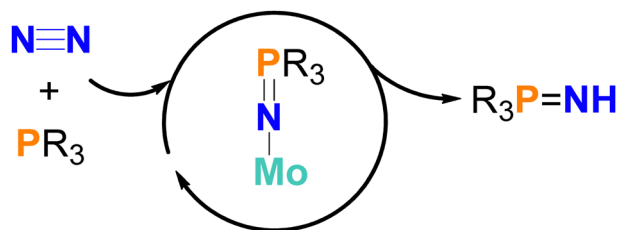
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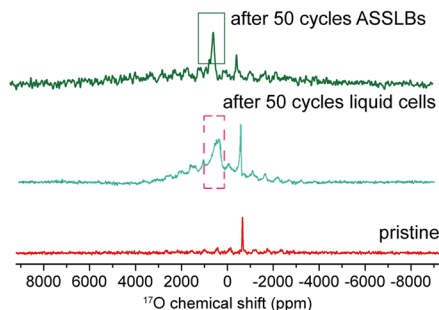
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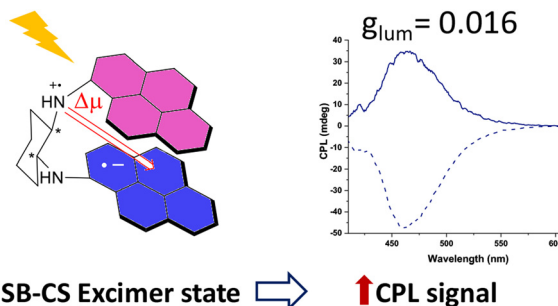


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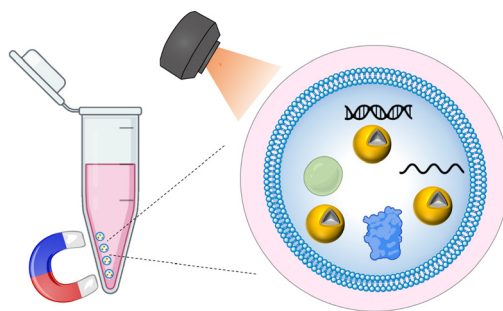
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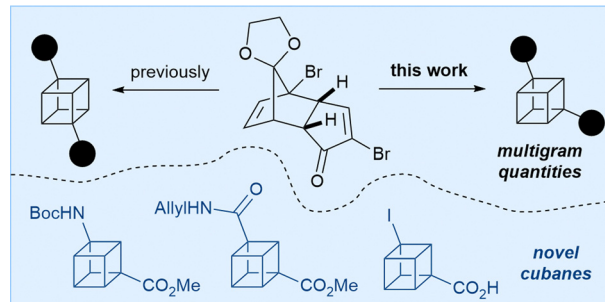
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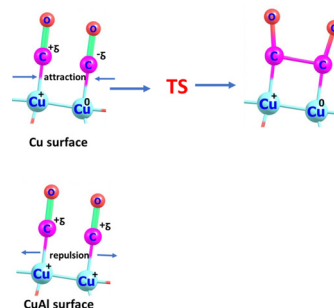
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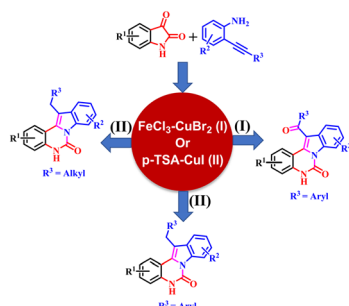
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Ibrahim M. Badawy, Ghada E. Khedr, Ahmed Hafez, Elsayed A. Ashour and Nageh K. Allam*



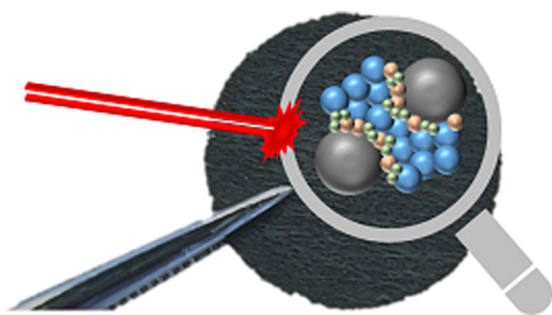
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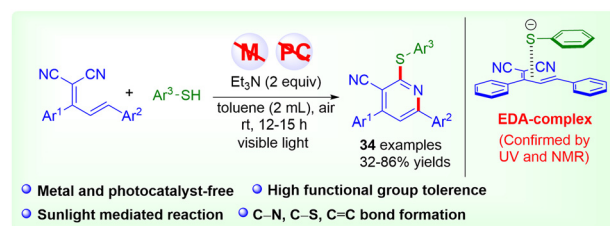


- radical dual difunctionalization of two different alkenes
- ordered-assembly by the intrinsic nucleophilicity/electrophilicity of radicals and alkenes
- abundant aromatic/aliphatic aldehydes as acyl radical source
- readily available alkene substrates
- convenient synthesis of chain elongated β,δ -functionalized ketones
- Fe-catalyzed four-component acylative azidation at 35 °C

D–A–D–T-type four-component radical dual-difunctionalization and acylative azidation of two different alkenes

Ren-Xiang Liu, Xin Chen and Luo Yang*

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Visible-light driven electron–donor–acceptor (EDA) complex-initiated synthesis of thio-functionalized pyridines

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