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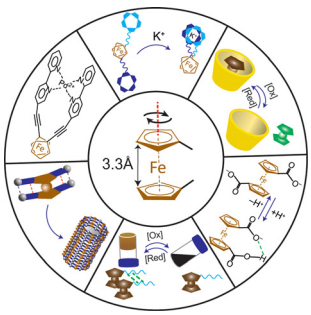
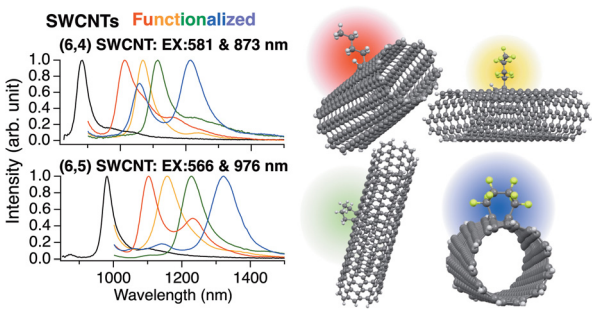
See Lasse Jensen, Jon P. Camden, David M. Jenkins *et al.*, pp. 14524–14527. Image reproduced by permission of Isabel Jensen from *Chem. Commun.*, 2023, **59**, 14524.

Inside cover
See Lionel Delaude *et al.*, pp. 14528–14531. Image reproduced by permission of Lionel Delaude from *Chem. Commun.*, 2023, **59**, 14528.

HIGHLIGHT



FEATURE ARTICLES



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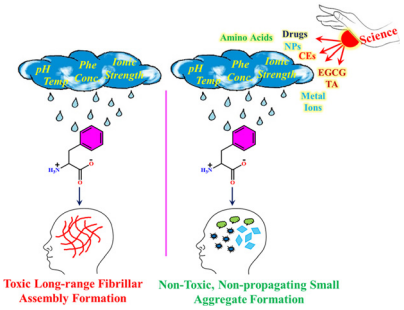

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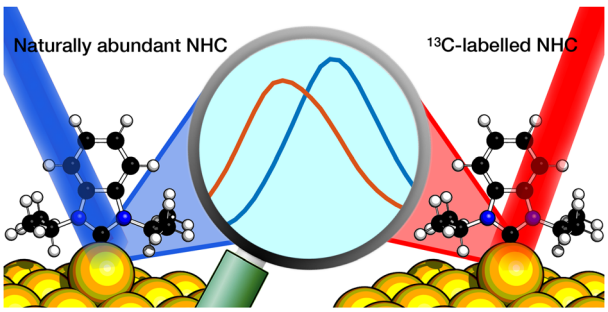

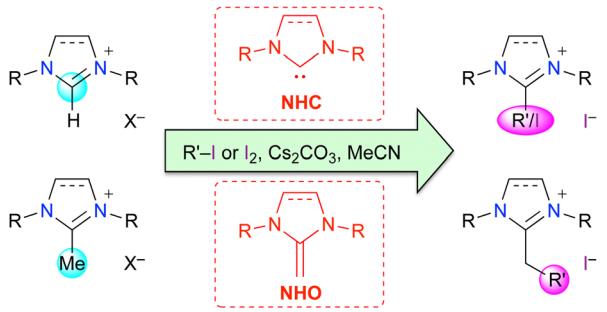

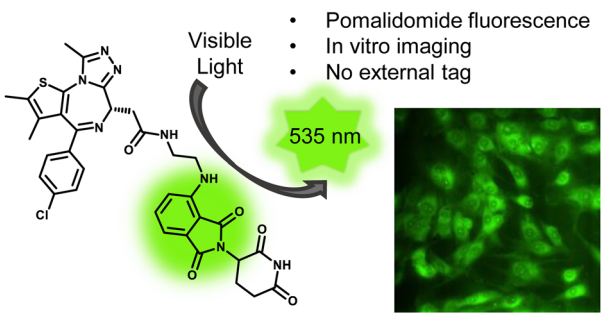

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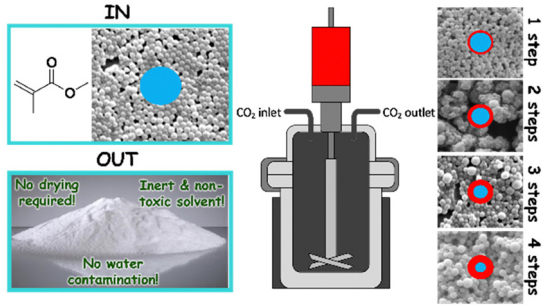

Synthesis of core–shell polymer particles in supercritical carbon dioxide *via* iterative monomer addition

Kristoffer Kortsen, Morgan Reynolds-Green, Bradley Hopkins, Alison McLellan, Matthew J. Derry, Paul D. Topham, Jeremy J. Titman, Daniel J. Keddie, Vincenzo Taresco and Steven M. Howdle*

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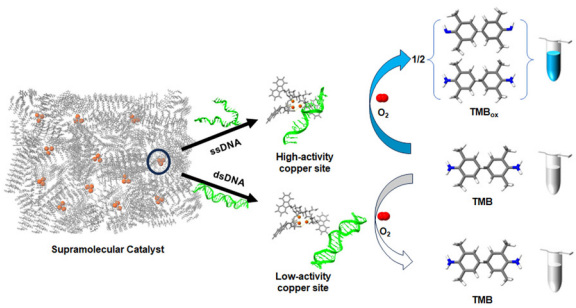
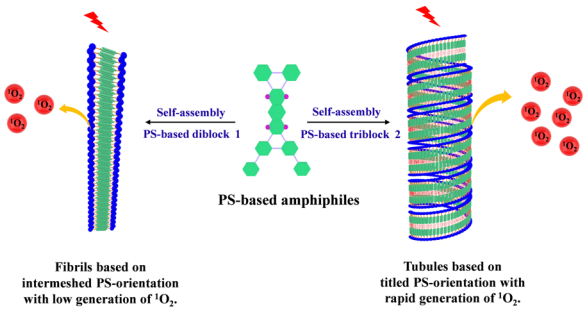


A designed DNA/amino acid amphiphile-based supramolecular oxidase-mimetic catalyst for colorimetric DNA detection

Minquan Jiang, Shichao Xu, Yuanxi Liu and Zhen-Gang Wang*

14544



Controlled assembly of photosensitizers through directional interactions for effective photooxidation

Yuntian Yang, Jirong He, Qi Mou, Bo Quan, Mingshi Jin, Chunzhi Cui, Long Yi Jin and Zhegang Huang*

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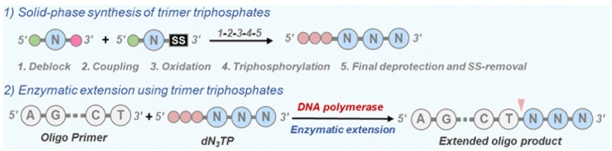

Artificial nucleotide codons for enzymatic DNA synthesis

Nazarii Sabat, Andreas Stämpfli, Marie Flamme, Steven Hanlon, Serena Bisagni, Filippo Sladojevich, Kurt Püntener and Marcel Hollenstein*

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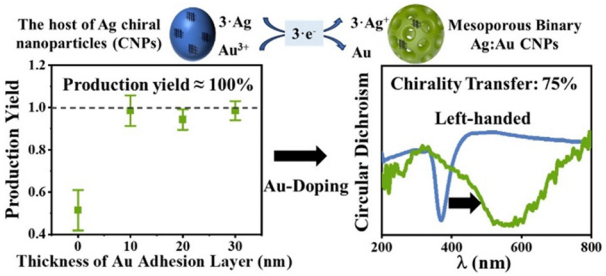

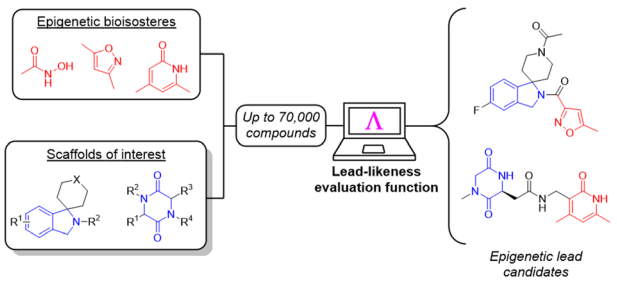

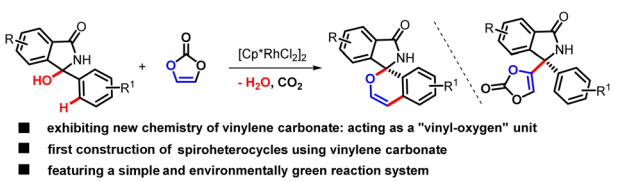

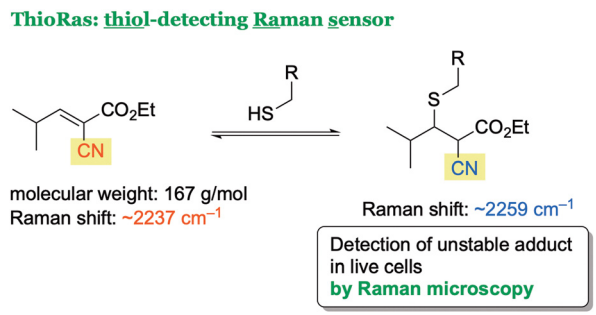

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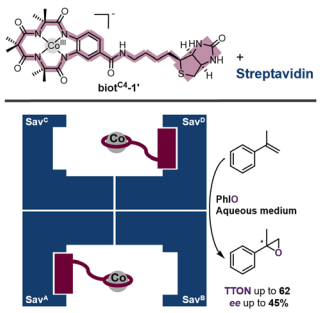

A Co(TAML)-based artificial metalloenzyme for asymmetric radical-type oxygen atom transfer catalysis

Eva J. Meeus, Nico V. Igareta, Iori Morita, Thomas R. Ward,* Bas de Bruin* and Joost N. H. Reek*

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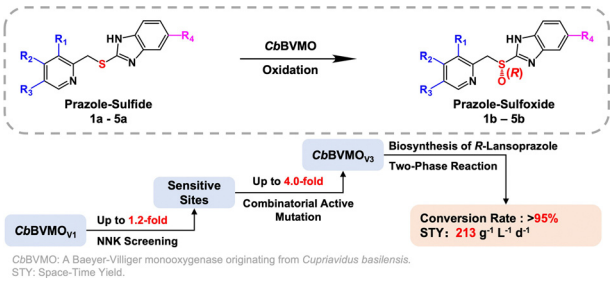

Enzymatic synthesis of pharmacologically relevant chiral sulfoxides by improved *Cb*BVMO variants

Chen Zhao, Feng Liu, Min Zhou, Qiang Geng and Hui-Lei Yu*

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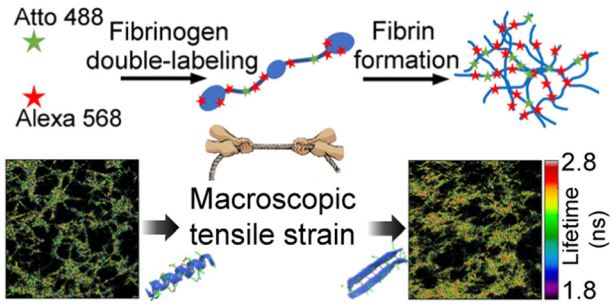

Visualizing molecular deformation in fibrin networks under tensile loading *via* FLIM–FRET

Mohammadhasan Hedayati, Yuan-I Chen, Justin R. Houser, Yujen Wang, Sajjad Norouzi, Hsin-Chih Yeh and Sapun H. Parekh*

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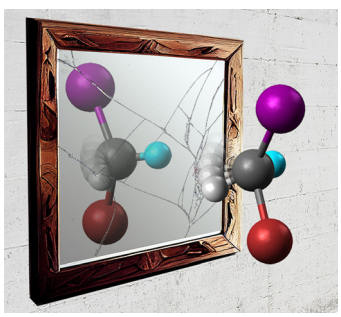

Large vibrationally induced parity violation effects in CHDBrI$^+$

Eduardus, Yuval Shagam, Arie Landau, Shirin Faraji, Peter Schwerdtfeger, Anastasia Borschevsky and Lukáš F. Pašteka*

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