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Cover

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

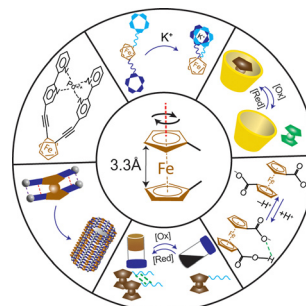
See Lionel Delaude *et al.*, pp. 14528-14531. Image reproduced by permission of Lionel Delaude from *Chem. Commun.*, 2023, 59, 14528.

HIGHLIGHT

14482

Ferrocene: an exotic building block for supramolecular assemblies

Chandrakanta Guchhait, Vembanan Suriyaa, Nihar Sahu, Sovik Dey Sarkar and Bimalendu Adhikari*

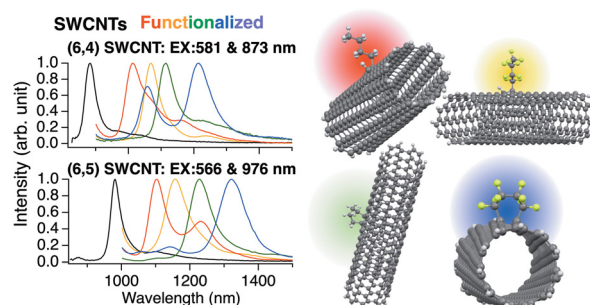


FEATURE ARTICLES

14497

Recent progress in controlling the photoluminescence properties of single-walled carbon nanotubes by oxidation and alkylation

Yutaka Maeda,* Pei Zhao and Masahiro Ehara



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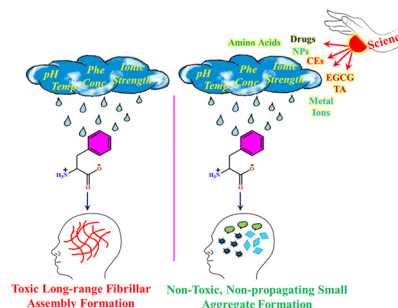


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Phenylalanine-based fibrillar systems

Soumen Kuila, Sukantha Dey, Pijush Singh, Akash Shrivastava and Jayanta Nanda*

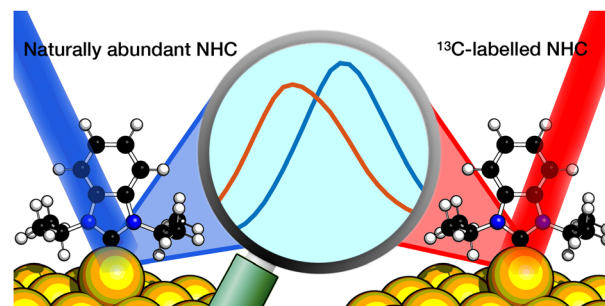


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Seeking a Au–C stretch on gold nanoparticles with ^{13}C -labeled N-heterocyclic carbenes

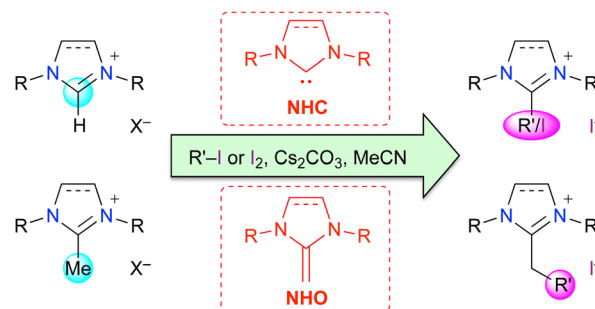
Isabel M. Jensen, Shayanta Chowdhury, Gaohe Hu, Lasse Jensen,* Jon P. Camden* and David M. Jenkins*



14528

The facile alkylation and iodination of imidazol(in)ium salts in the presence of cesium carbonate

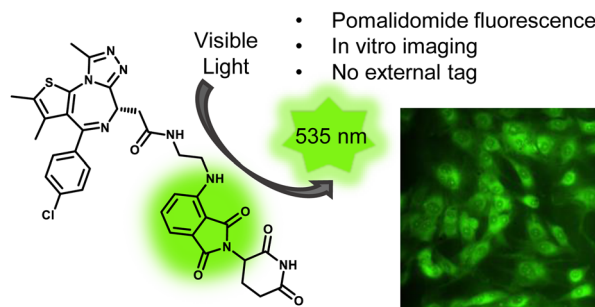
François Mazars, Guillermo Zaragoza and Lionel Delaude*



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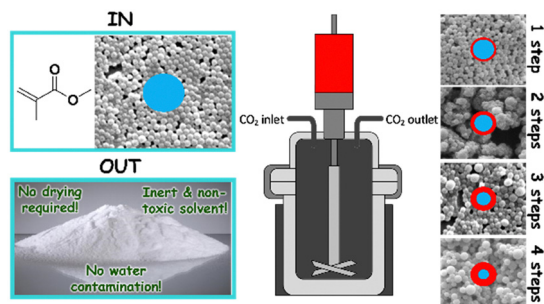
Utilising the intrinsic fluorescence of pomalidomide for imaging applications

Duncan K. Brownsey, Christopher J. Gafuik, Dae-Sun Kim, Leonie O'Sullivan, Evgueni Gorobets, Samuel Krukowski, Madison Turk, Craig N. Jenne, Douglas J. Mahoney and Darren J. Derksen*



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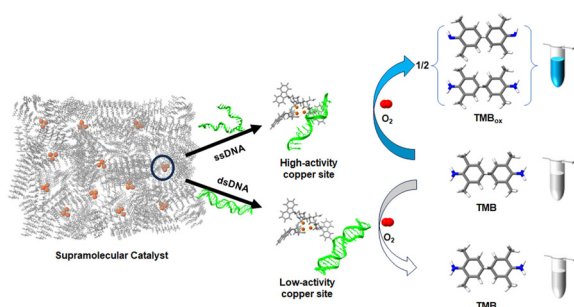
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Synthesis of core-shell polymer particles in supercritical carbon dioxide *via* iterative monomer addition

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*

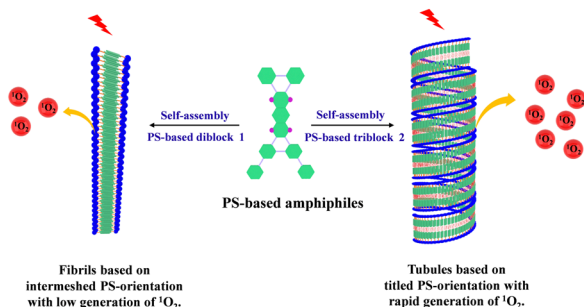
14540



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*

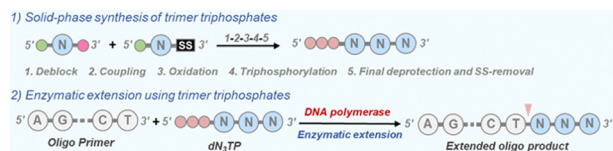
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Controlled assembly of photosensitizers through directional interactions for effective photooxidation

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*

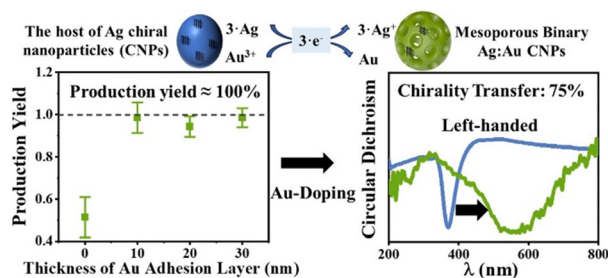


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Mesoporous alloy chiral nanoparticles with high production yield and strong optical activities

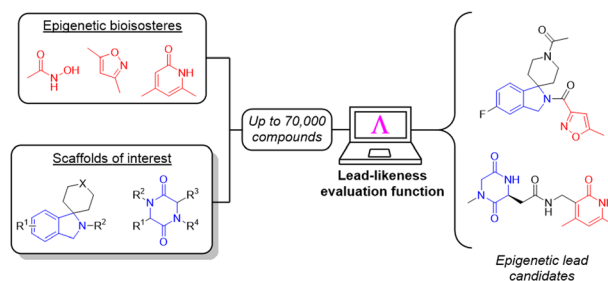
Yicong Ma, Lin Yang, Yu Chen, Xiaopeng Bai, Geping Qu, Tao Yao, Xiangchen Hu, Jianfang Wang, Zongxiang Xu, Yi Yu and Zhifeng Huang*



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Lead-oriented synthesis of epigenetic relevant scaffolds

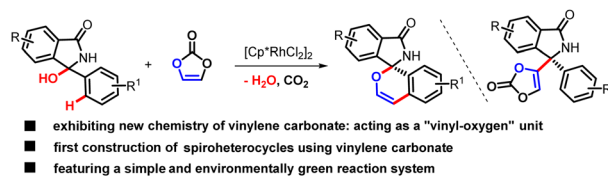
Timoth  Maujean, Prakash Kannaboina, Adam I. Green and George M. Burslem*



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Rhodium-catalyzed divergent dehydroxylation/alkenylation of hydroxyisoindolinones with vinylenecarbonate

Jiang Nan* and Lu Liang

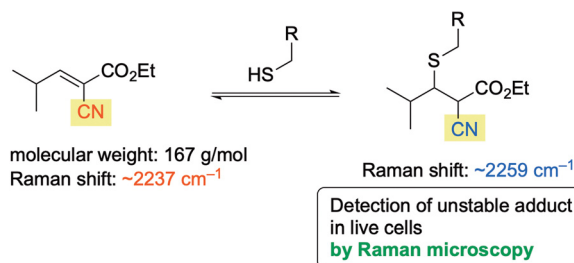


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Ratiometric analysis of reversible thia-Michael reactions using nitrile-tagged molecules by Raman microscopy

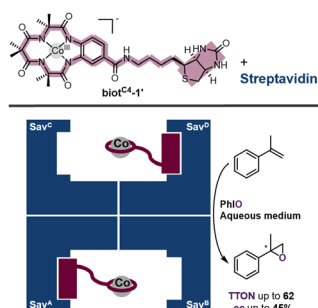
Hiroyuki Yamakoshi,* Daiki Shibata, Kazuki Bando, Shinji Kajimoto, Aki Kohyama, Syusuke Egoshi, Kosuke Dodo, Yoshiharu Iwabuchi, Mikiko Sodeoka, Katsumasa Fujita and Takakazu Nakabayashi

ThioRas: thiol-detecting Raman sensor



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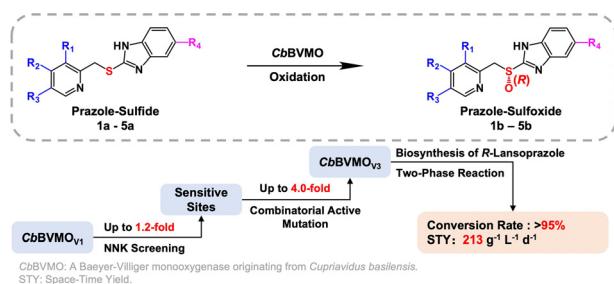
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A Co(TAML)-based artificial metalloenzyme for asymmetric radical-type oxygen atom transfer catalysis

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

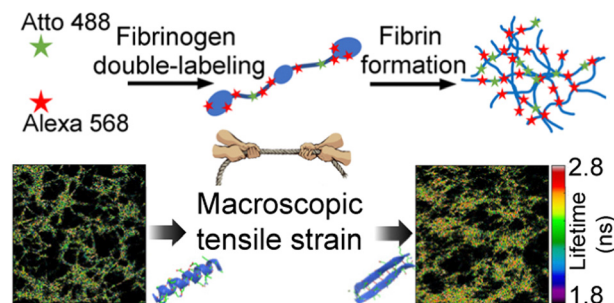
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Enzymatic synthesis of pharmacologically relevant chiral sulfoxides by improved CbBMO variants

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

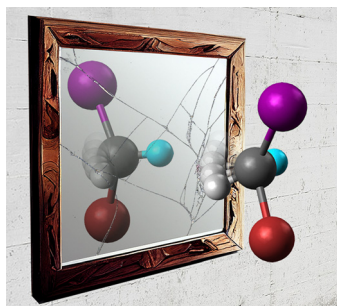
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Visualizing molecular deformation in fibrin networks under tensile loading via FLIM-FRET

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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Water activating fresh NiMo foam for enhanced urea electrolysis

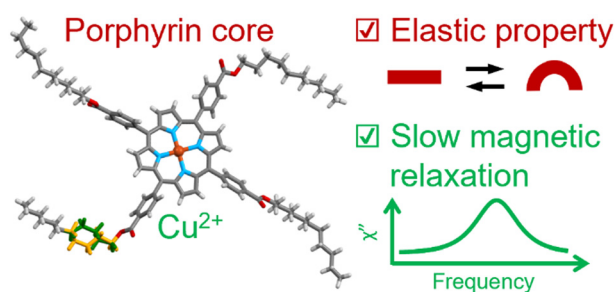
Haoxuan Wang, Kang Xiong, Lihua Gao, Min Xue, Zhongqin Pan,* Xiao-Lei Huo* and Qingwen Zhou*



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Molecular elastic crystals exhibiting slow magnetic relaxations

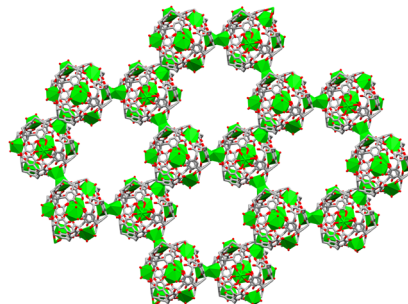
Hinako Kato, Yoji Horii,* Mariko Noguchi, Hiroki Fujimori and Takashi Kajiwara



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Hierarchical 2D honeycomb-like network from barium-seamed nanocapsules

Kanishka Sikligar, Steven P. Kelley, Gary A. Baker* and Jerry L. Atwood*



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Access to 2-thio/selenoquinolines via domino reaction of isocyanides with sulfur and selenium in water

Haitao Liu, Mengying Jia, Shaoguang Sun* and Xianxiu Xu*

