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Cover
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Inside cover
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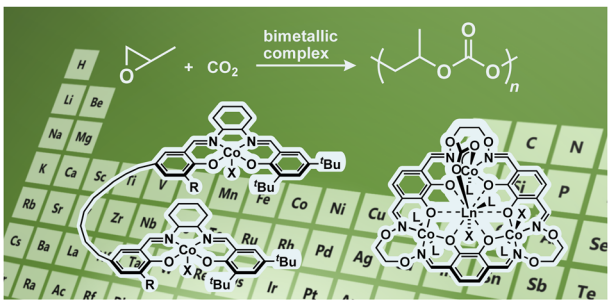
COMMENTARY



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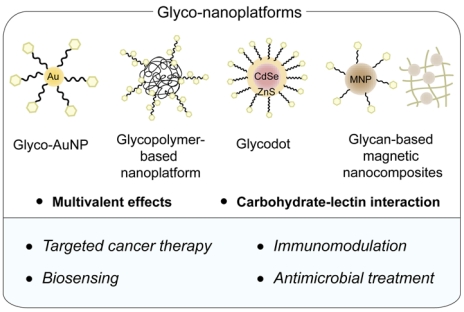

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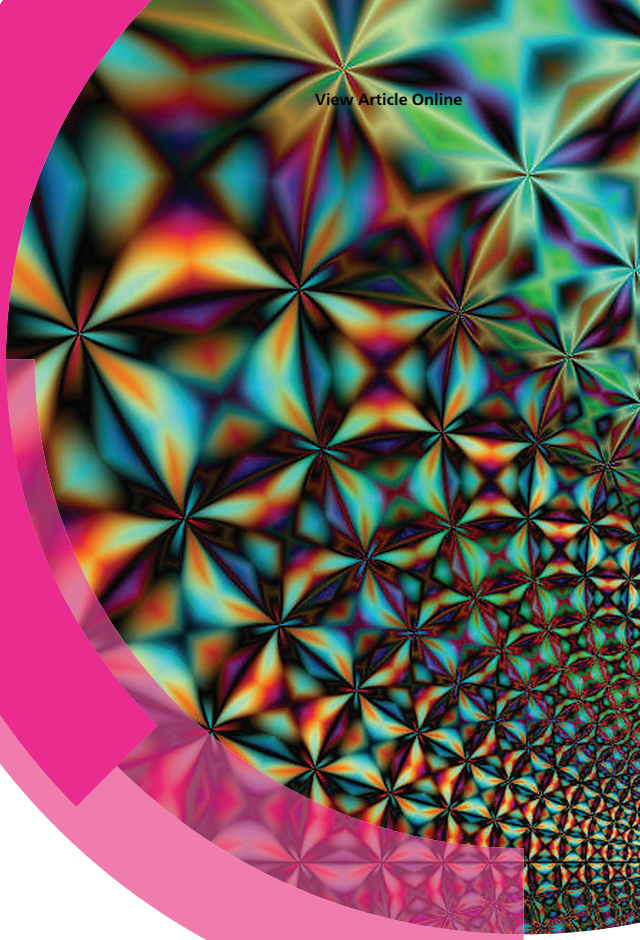

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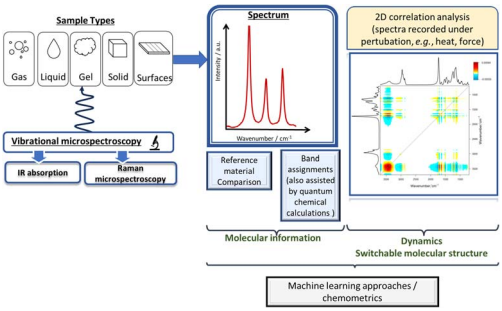

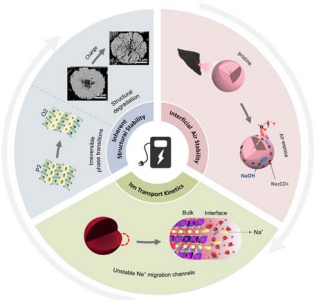

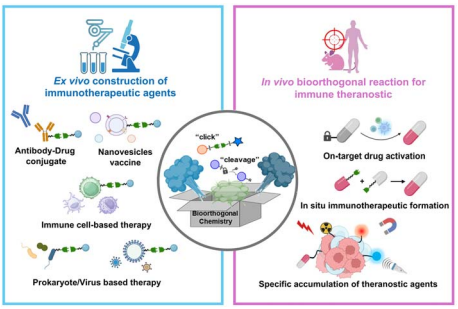

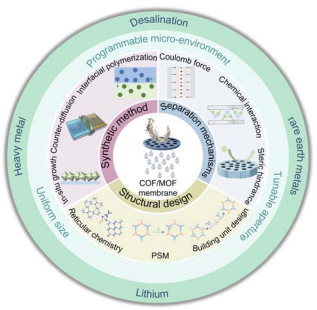

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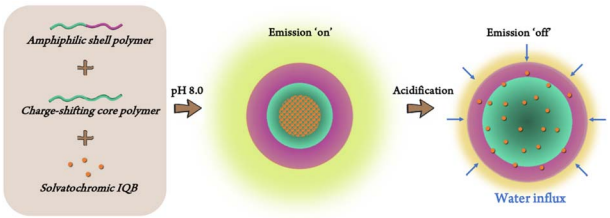
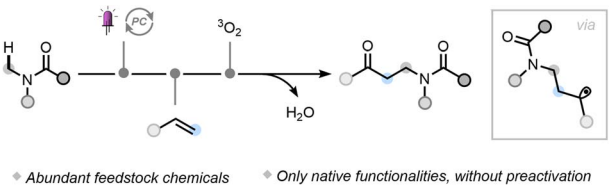


Monitoring structural change and drug release of responsive nanoparticles using polarity-sensitive fluorophores

Yanting Gao, Peter W. McDonald, Chris Ritchie* and Georgina K. Such*

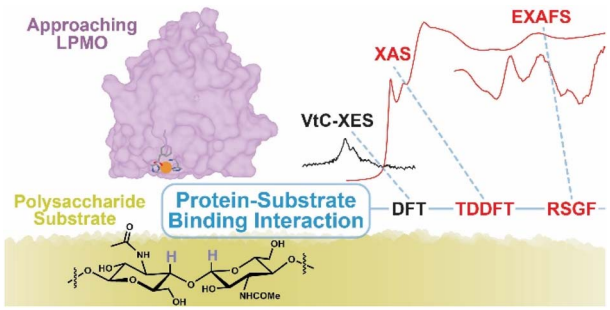
22944



Photocatalyzed hydrogen atom transfer enables multicomponent olefin oxo-amidomethylation under aerobic conditions

Mattia Lepori, Dimitris I. Ioannou, Joshua P. Barham* and Timothy Noël*

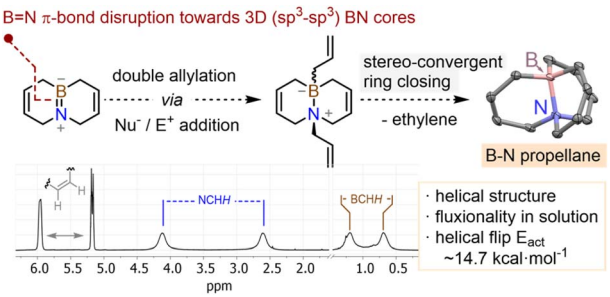
22952



Structural and electronic modulations of lytic polysaccharide monooxygenase (LPMO) upon chitin binding: insights from X-ray spectroscopy

Chris Joseph, Ashish Tamhankar, Ole Golten, Kushal Sengupta, Sergio A. V. Jannuzzi, Morten Sørlie, Liqun Kang, Åsmund K. Røhr, Vincent G. H. Eijsink* and Serena DeBeer*

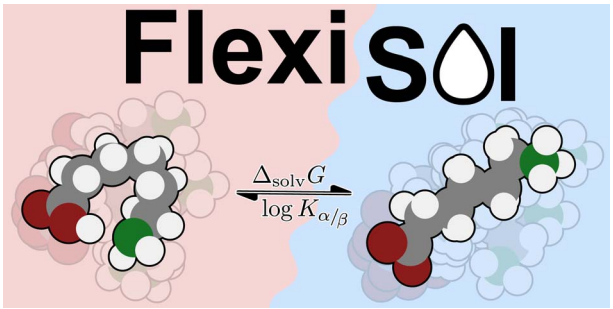
22970

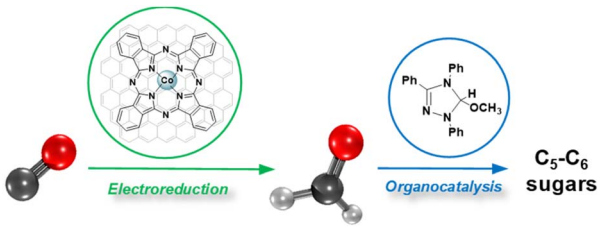


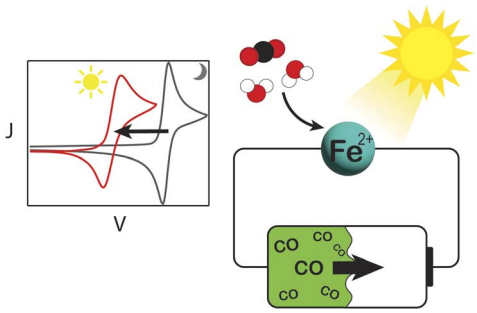
B–N axis as a facilitating agent for the synthesis of 3D structures: the paradigmatic case of BN-[4.4.4] propellane

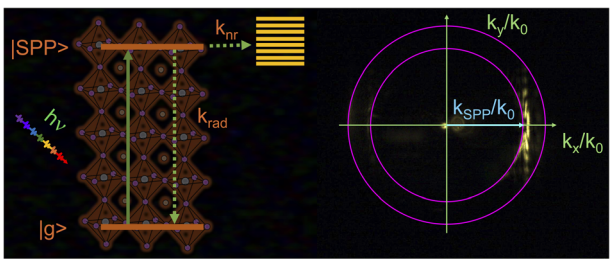
Guillem Sanz-Liarte, Josep Saurí, Pau Nolis, Ana B. Cuenca* and Alexandr Shafir*

EDGE ARTICLES









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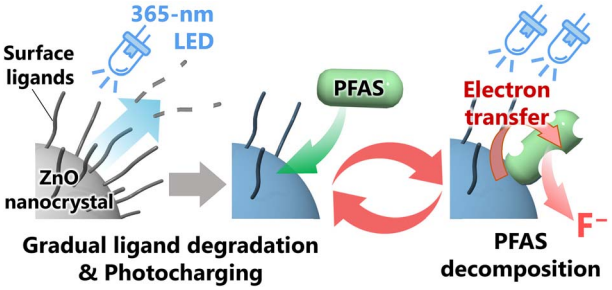

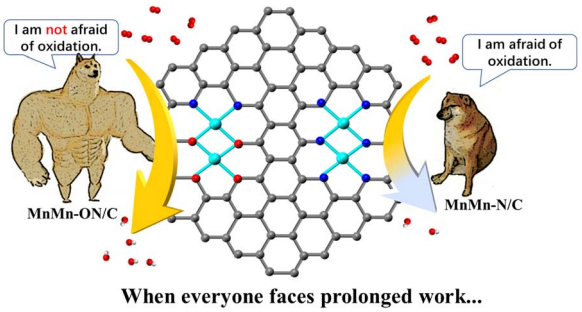

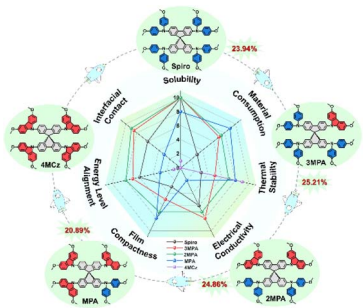

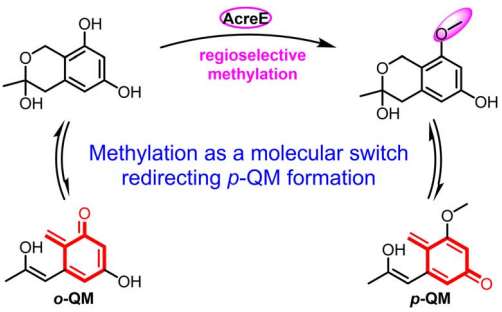

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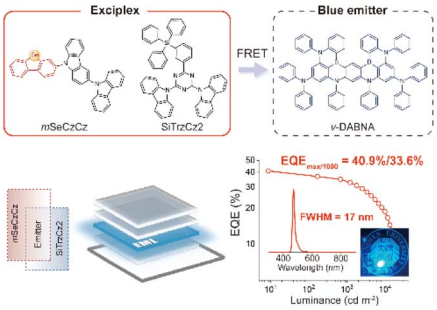

Exciplex spin-flip acceleration enables high-performance narrowband electroluminescence

Mengcheng Wang, Zhanxiang Chen,* Manli Huang, Dengke Wang, Cheng Zhong, Zheng-Hong Lu and Chuluo Yang*

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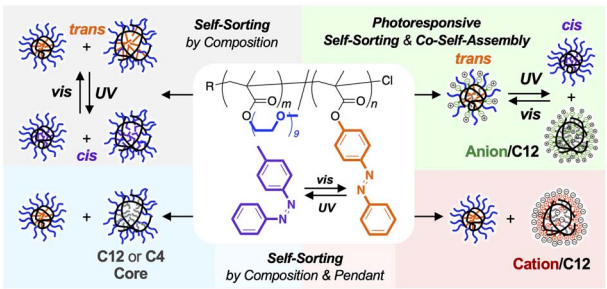

Self-sorting systems of photoresponsive polymer micelles: isomerization drives reversible and switchable self-assembly

Rikuto Kanno, Makoto Ouchi and Takaya Terashima*

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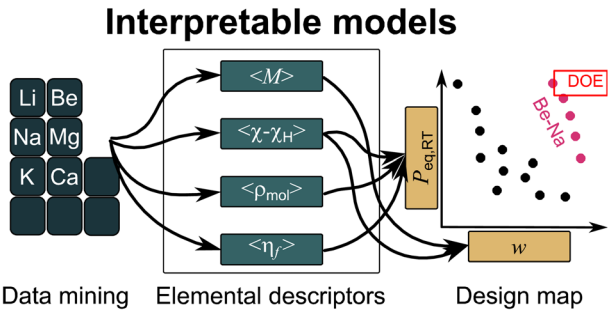

Physically interpretable descriptors drive the materials design of metal hydrides for hydrogen storage

Seong-Hoon Jang,* Di Zhang, Hung Ba Tran, Xue Jia, Kiyoe Konno, Ryuhei Sato, Shin-ichi Orimo* and Hao Li*

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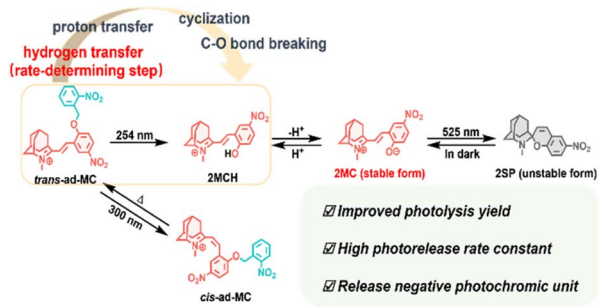

Tuning the photocaged spiropyran photoswitch with a sterically hindered adamantane group: releasing the stable merocyanine

Yifan Su, Xiang Li, Dexin Zheng, Joakim Andreásson, Hong Wang, Le Yu,* Jian Chen,* Jiani Ma* and Yu Fang

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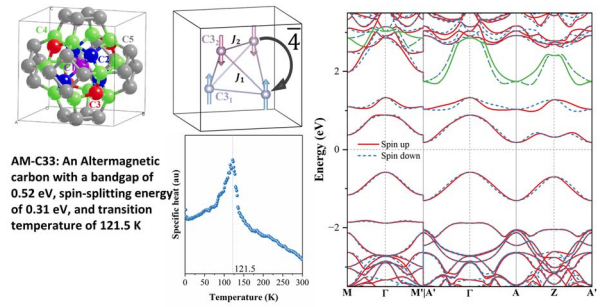

AM-C33: an altermagnetic carbon

Mingqing Liao,* Yuehua Wang, Pengcheng Ye, Chenggang Wu, Haoxin Jiang, Fei Zhou, Jintong Guan and Fengjiang Wang*

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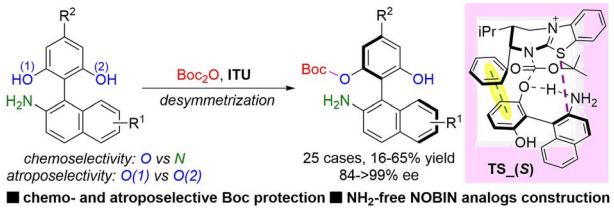

Chemo- and atroposelective Boc protection for asymmetric synthesis of NH_2-free axially chiral biaryl amino phenols

Yangyang Wang, Yike Wang, Zhe Xu, Kexin Chen, Ying-guo Liu,* Xingkuan Chen,* Hongwei Zhou* and Jianfeng Xu*

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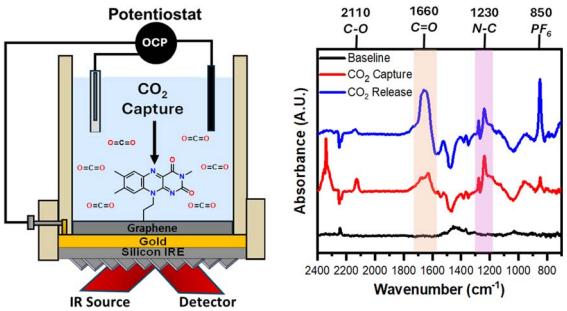

Real-time monitoring of the reversible capture and release of CO_2 on anthraquinone and riboflavin-modified graphitic electrodes using ATR-SEIRAS

Abdur-Rahman Siddiqui, Joel Roberts, Jeanne N'Diaye, Alan L. Ferris, Kristin Martin, Seth T. Putnam, Rohit Bhargava, Jahan Dawlaty, Steven C. Zimmerman, Veronica Augustyn and Joaquín Rodríguez-López*

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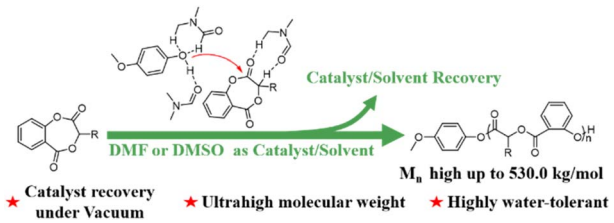

DMF/DMSO-catalyzed selective ring-opening polymerization of salicylate cyclic esters

Ge Yao, Jiyu Liu, Hongjun Fu, Chunmei Wang, Guojie Li, Luya Cao, Xiaobo Pan and Jincai Wu*

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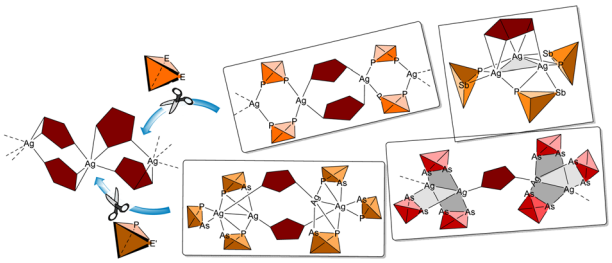

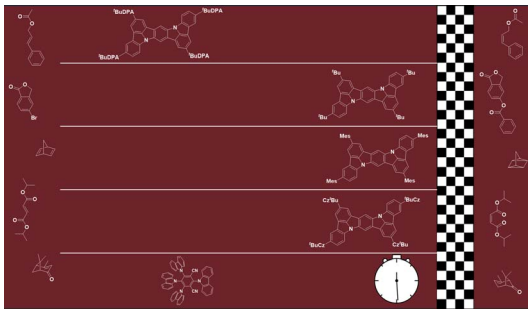

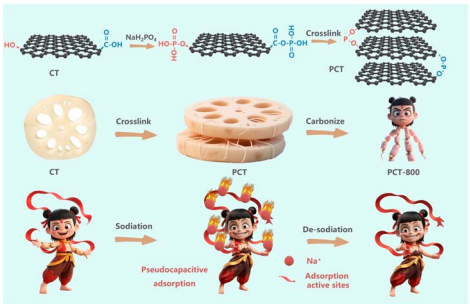

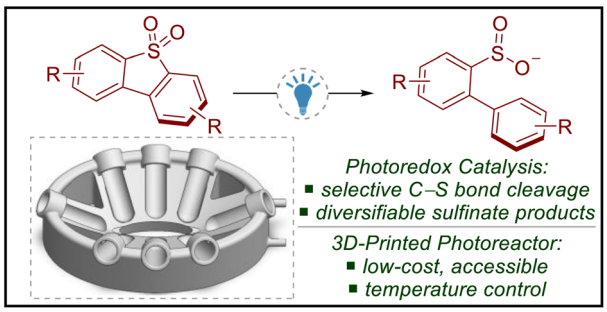

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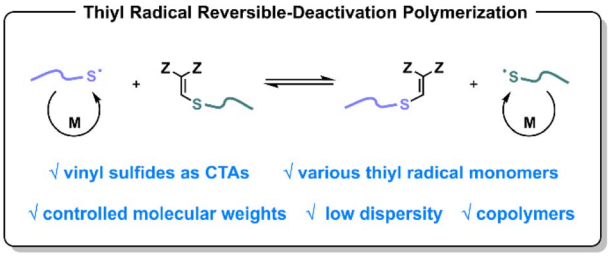

Thiyl radical reversible-deactivation polymerization *via* degenerative transfer with vinyl sulfides

Huajuan Hu, Ping Yi, Derong Cao and Hanchu Huang*

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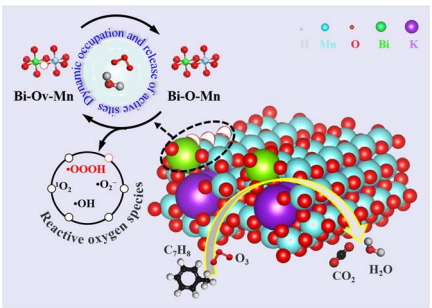

Single site of water-resistant asymmetric Bi–Ov–Mn for robust VOC ozonation at ambient temperature

Yuqin Lu, Huayang Zhang, Hua Deng,* Jianguo Ding, Tingting Pan, Wenjie Tian, Yunbo Yu, Changbin Zhang, Wenpo Shan, Shaobin Wang, Hong He* and Joseph S. Francisco*

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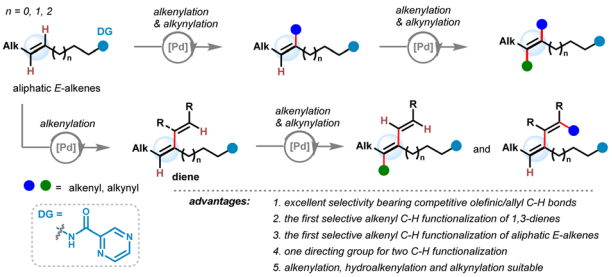

Chelation-assisted multiple and relay C–H functionalization of unactivated aliphatic *E*-alkenes

Yini Wang, Xiaoli Li, Chengxing Peng, Yu Chen, Xi Lu, Yuhang Zhu, Peiyuan Yu,* Guofu Zhong* and Jian Zhang*

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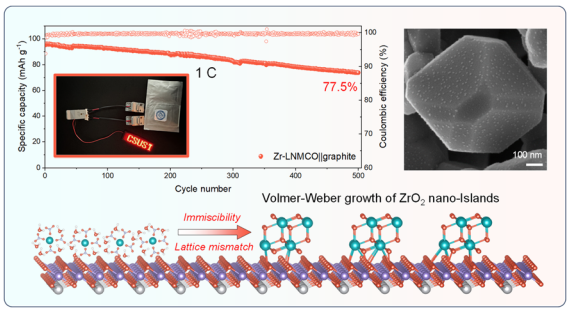
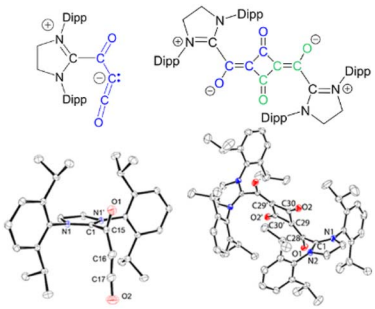
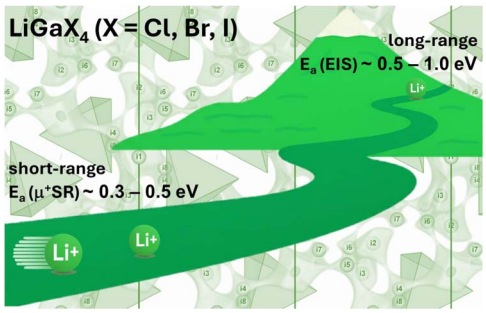
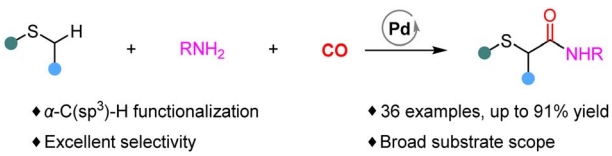


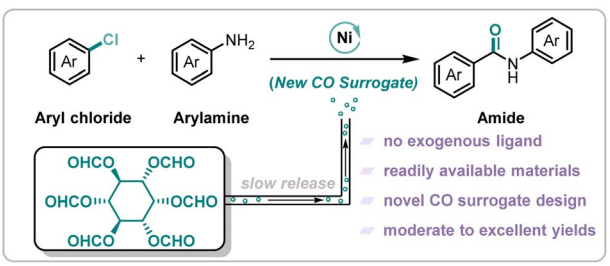
Volmer–Weber growth of nano-island heterostructures on spinel cathodes: a route to stable high-voltage lithium-ion batteries

Gui Chu, Yuanqin She, Aoyu Huang, Qingquan Ye, Yimei Deng, Tongen Lin,* Yongqi Sun, Tobias U. Schülli,* Lianzhou Wang* and Xiaobo Zhu*









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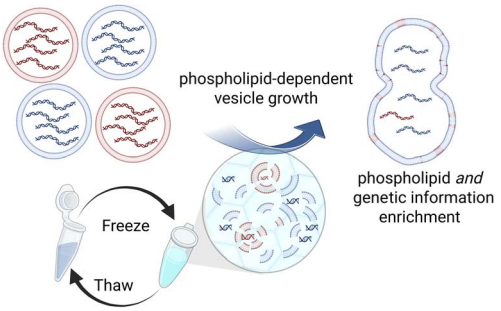
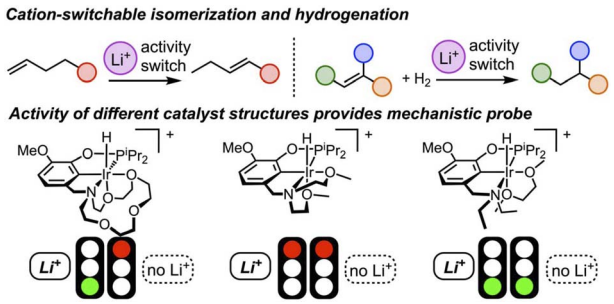


Compositional selection of phospholipid compartments in icy environments drives the enrichment of encapsulated genetic information

Tatsuya Shinoda, Natsumi Noda, Takayoshi Watanabe, Kazumu Kaneko, Yasuhito Sekine and Tomoaki Matsuura*

23330



Cation-switchable transposition and hydrogenation of alkenes *via* interconnected reaction mechanisms

Jonathan R. E. Cobb, Henry M. Dodge, Zoe E. Stuart, Elvis D. Perez Galarza, Shrabanti Bhattacharya, Changho Yoo, Chun-Hsing Chen and Alexander J. M. Miller*

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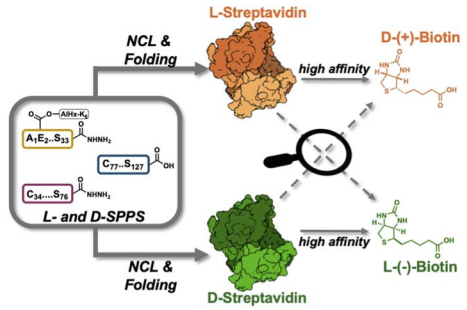

Protein chirality as a determinant of ligand affinity: insights from L- and D-streptavidin

Riley J. Giesler, Peter C. S. Woodham, Steven R. E. Draper, Paul Spaltenstein, Frank G. Whitby, Christopher P. Hill and Michael S. Kay*

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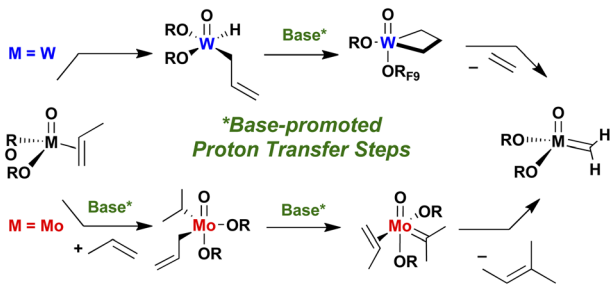
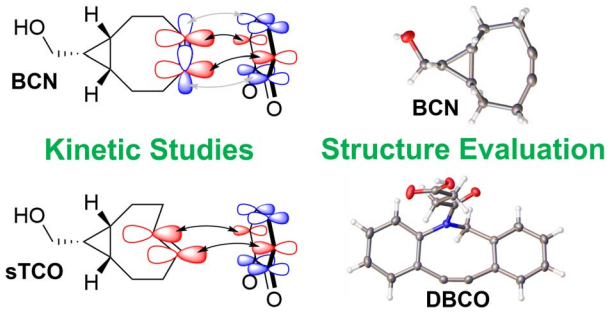
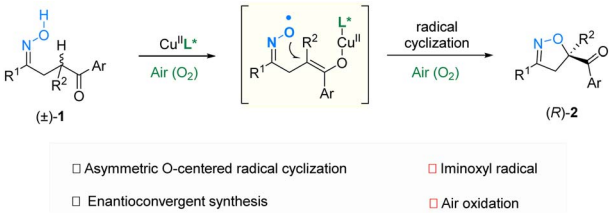
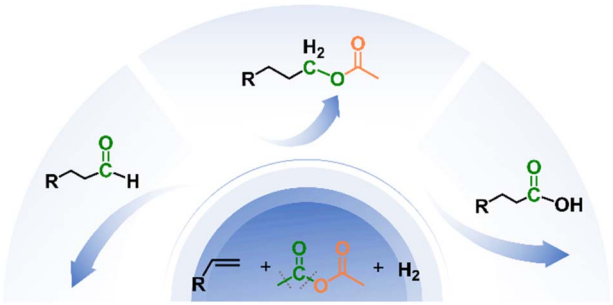


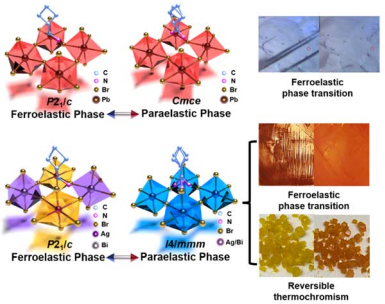
Initiating olefin metathesis: alkylidenes from molecular Mo(IV)-oxo species, olefins and base-promoted proton transfer

Darryl F. Nater, Felix J. de Zwart, Nicolas Kaeffer and Christophe Copéret*









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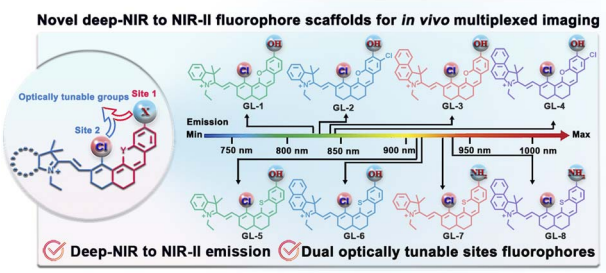

Deep-NIR to NIR-II hemicyanine fluorophore scaffolds with dual optically tunable sites for *in vivo* multiplexed imaging

Qinian Liu, Zhuoyang Li, Yujie Huang, Zhenni Lin, Xing-Can Shen* and Hua Chen*

CORRECTIONS

Correction: Capturing and labeling CO_2 in a jar: mechanochemical ^{17}O-enrichment and ssNMR study of sodium and potassium (bi)carbonate salts

Austin Peach,* Nicolas Fabregue, Célia Erre, Thomas-Xavier Métro, David Gajan, Frédéric Mentink-Vigier, Faith Scott, Julien Trébosc, Florian Voron, Nicolas Patris, Christel Gervais and Danielle Laurencin*

Correction: Structural insights into a bacterial terpene cyclase fused with haloacid dehalogenase-like phosphatase

Keisuke Fujiyama, Hiroshi Takagi, Nhu Ngoc Quynh Vo, Naoko Morita, Toshihiko Nogawa and Shunji Takahashi*