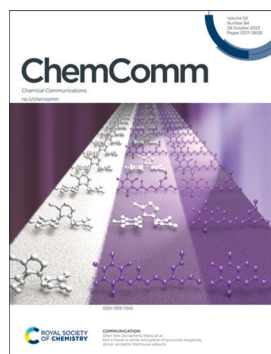


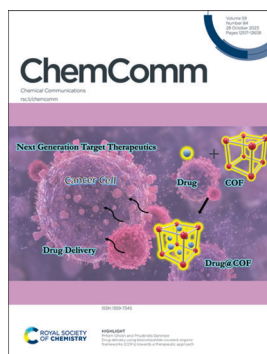
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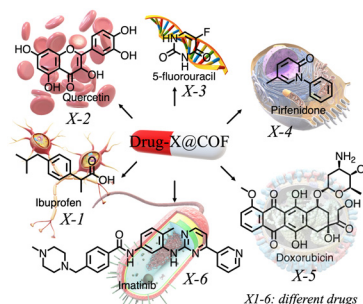
See Pritam Ghosh and Priyabrata Banerjee, pp. 12527–12547. Image reproduced by permission of Pritam Ghosh and Priyabrata Banerjee from *Chem. Commun.*, 2023, 59, 12527.

## HIGHLIGHT

12527

### Drug delivery using biocompatible covalent organic frameworks (COFs) towards a therapeutic approach

Pritam Ghosh\* and Priyabrata Banerjee\*

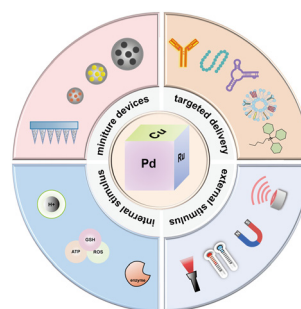


## FEATURE ARTICLES

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### Progress in controllable bioorthogonal catalysis for prodrug activation

Xia Liu, Tingjing Huang, Zhaowei Chen\* and Huanghao Yang\*



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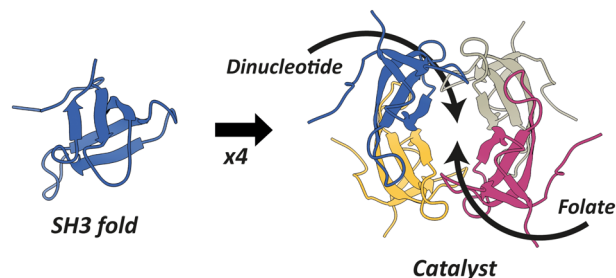


## FEATURE ARTICLES

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## From a binding module to essential catalytic activity: how nature stumbled on a good thing

Claud le Lemay-St-Denis and Joelle N. Pelletier\*

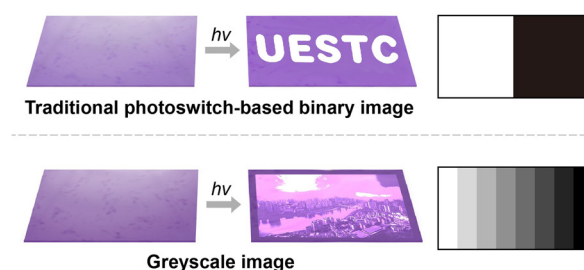


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## Not in black or white, encryption of grayscale images by donor–acceptor Stenhouse adducts

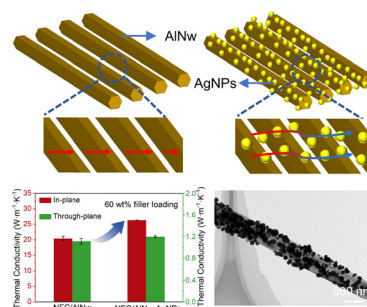
Fanxi Sun, Ang Gao, Xiaoyu Xiong, Yongli Duan, Dacheng Dai, Yifei Zhu, Chaoming Xie, Qiang Wei, Longquan Chen, Bo He, Hui Zhao, Yonghao Zheng, Xu Deng, Chen Wei\* and Dongsheng Wang\*



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## Silver nanoparticle-decorated AlN whiskers hybrids for enhancing the thermal conductivity of nanofibrillated cellulose composite films

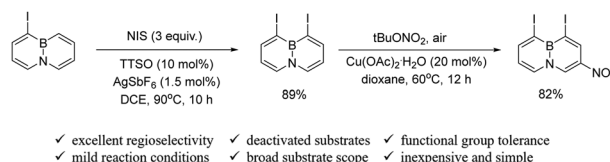
Mengyang Niu, Zheng Zhao, Baokai Wang, Chang Yu, Mengyi Li, Jiajun Hu, Ming Yue, Qipeng Lu\* and Qi Wang\*



12581

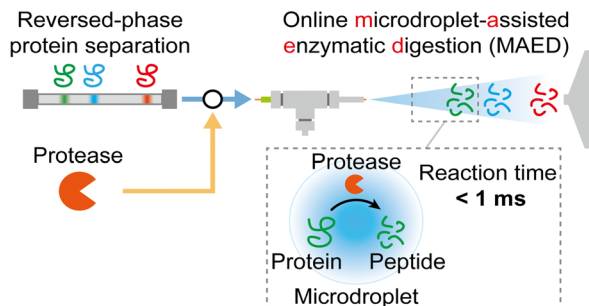
## Copper-catalyzed nitration of electron-deficient BN-naphthalene

Xiangdong Fang



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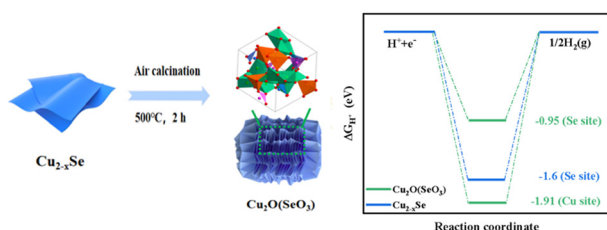
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### Real-time bottom-up characterization of protein mixtures enabled by online microdroplet-assisted enzymatic digestion (MAED)

Cheng-Hua Ma, Chih-Lin Chen and Cheng-Chih Hsu\*

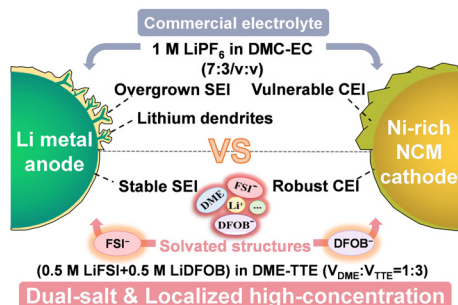
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### Constructing the coordination environment of Se–O in $\text{Cu}_{2-x}\text{Se}$ for electrochemical hydrogen evolution

Shuhua Song, Zhiyu Shao, Qian Zhu, Xiangyan Hou and Beining Zheng\*

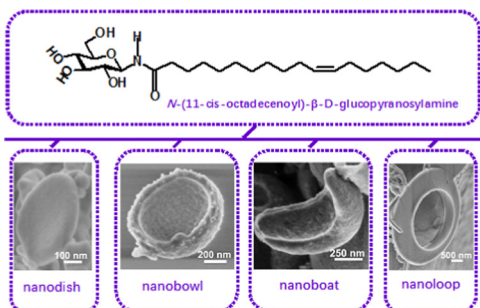
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### Stable electrode/electrolyte interfaces regulated by dual-salt and localized high-concentration strategies for high-voltage lithium metal batteries

Yingmeng Zhang, Lingxuan Zeng, Zaohui Ding, Wei Wu, Libo Deng and Lei Yao\*

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### Lipid-inspired biomimicking morphosynthesis of a series of complex concave silica architectures

Zhengdao Li,\* Chuanyun Yang, Xingjian Zhang, Jiping Shi, Lu Ruan, Qi Liu,\* Yongcai Zhang and Yong Zhou\*

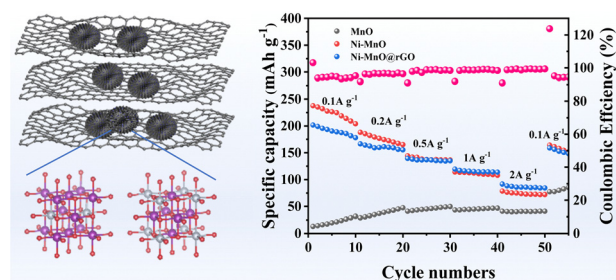


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### Inside-out regulation of MnO toward fast reaction kinetics in aqueous zinc ion batteries

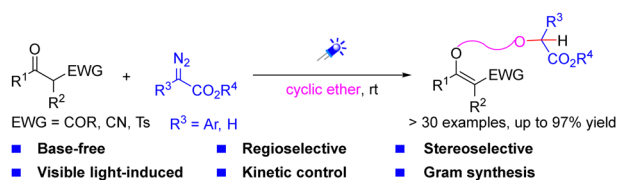
Zixiang Cui, Jing Zhang, Shenfei Zhao, Ke Wu, Chunjie Li, Ruguang Ma\* and Chang Ming Li\*



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### Base-free regio- and stereoselective photochemical synthesis of enol ethers from 1,3-dicarbonyl compounds

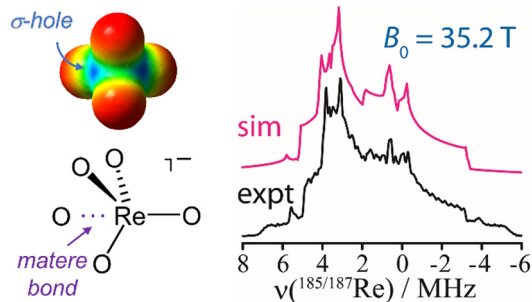
Keyong Zhu, Wen-Jing Yu, Xinlong Zhou, Chaogui Xu, Guanzhen Zhao, Yun Chai,\* Shi-Jun Li,\* Yuanqing Xu and Pan Li\*



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### Non-covalent matere bonds in perrhenates probed via ultrahigh field rhenium-185/187 NMR and zero-field NQR spectroscopy

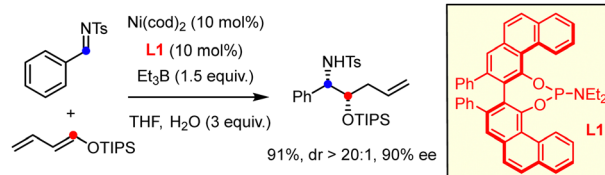
Yijue Xu, Miriam Calabrese, Nicola Demitri, Andrea Pizzi, Tamali Nag, Ivan Hung, Zhehong Gan, Giuseppe Resnati\* and David L. Bryce\*



12613

### Aminoalcohol derivatives by nickel-catalyzed enantioselective coupling of imines and dienol ethers

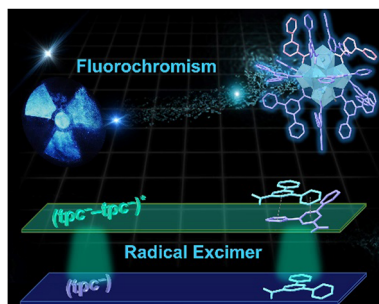
Jae Yeon Kim, Thomas Q. Davies and Alois Fürstner\*





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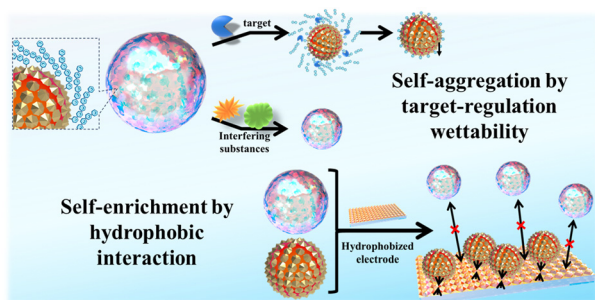
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### A ratiometric radio-photoluminescence dosimeter based on a radical excimer for X-ray detection

Huangjie Lu, Jingqi Ma, Junpu Yang, Huiliang Hou, Jiacheng Lu, Jian-Qiang Wang,\* Yaxing Wang and Jian Lin\*

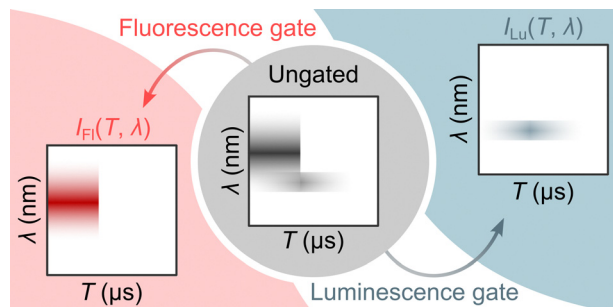
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### Design of target response wettability switchable core-shell-shell electrochemiluminescence nanoprobes for sensitive hyaluronidase detection

Zhixin Li, Fangcai Wu, Yulan Zeng, Yiwei Xu, Hongning Liu,\* Xinjia Wang,\* Fang Luo and Zhenyu Lin\*

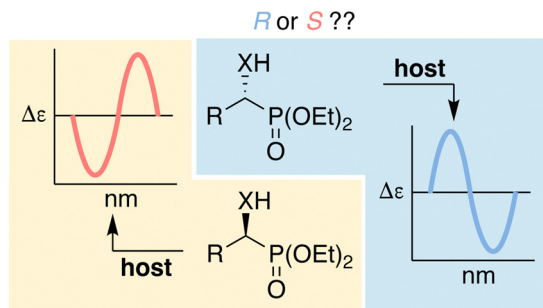
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### Time gated Fourier transform spectroscopy with burst excitation for time-resolved spectral maps from the nano- to millisecond range

Mikkel B. Liisberg,\* Vanessa Rück and Tom Vosch\*

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### Employing a chiroptical sensor for the absolute stereochemical determination of α-amino and α-hydroxyphosphonates

Debarshi Chakraborty, Li Zheng, Yijing Dai, Jeff Gwasdacus, James E. McTighe, William D. Wulff\* and Babak Borhan\*

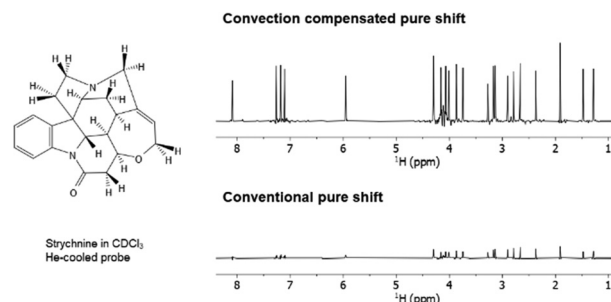


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## Recovering sensitivity lost through convection in pure shift NMR

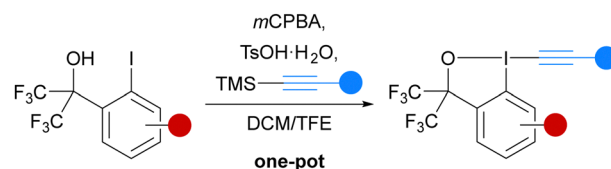
Elsa Caytan, Howard M. Foster, Laura Castañar, Ralph W. Adams, Mathias Nilsson and Gareth A. Morris\*



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## One-pot synthesis of functionalized bis(trifluoromethylated)benziodoxoles from iodine(i) precursors

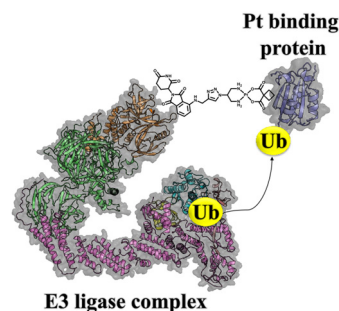
Tobias M. Milzarek, Nieves P. Ramirez, Xing-Yu Liu and Jerome Waser\*



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## First-in-class metallo-PROTAC as an effective degrader of select Pt-binding proteins

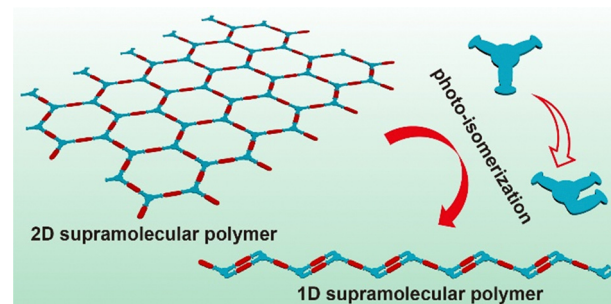
Paul D. O'Dowd, Graeme P. Sullivan, Daniel A. Rodrigues, Triona Ní Chonghaile and Darren M. Griffith\*



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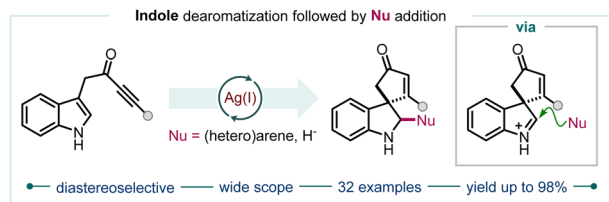
## Topological transformation across different dimensions of supramolecular polymer via photo-isomerization

Bin Mu, Liang Wang, Zhongke Yang, Xiao Luo and Wei Tian\*



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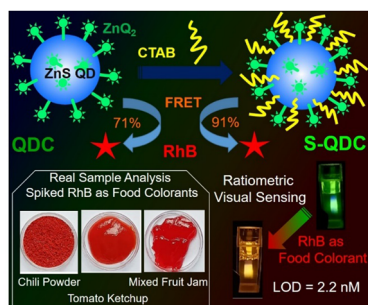
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Debojyoti Bag and Sanghapal D. Sawant\*

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### Surfactant-mediated enhanced FRET from a quantum-dot complex for ratiometric sensing of food colorants

Sumit Singha, Mihir Manna, Priya Das, Sabyasachi Pramanik\* and Satyapriya Bhandari\*

