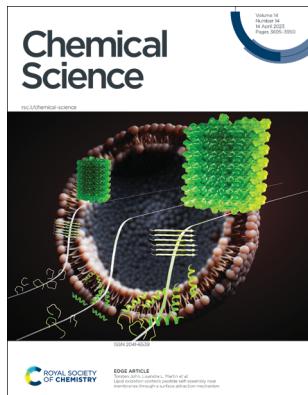


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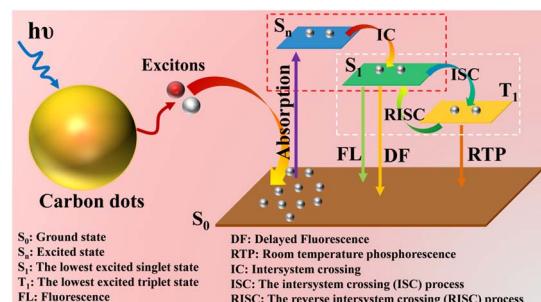
See Torsten John, Lisandra L. Martin *et al.*, pp. 3730–3741.
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REVIEW

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Evolution and fabrication of carbon dot-based room temperature phosphorescence materials

Jiurong Li, Yongzhong Wu and Xiao Gong*

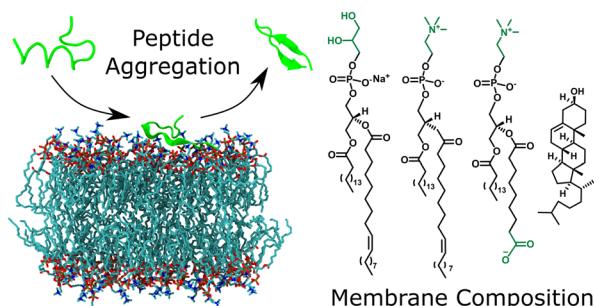


EDGE ARTICLES

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Lipid oxidation controls peptide self-assembly near membranes through a surface attraction mechanism

Torsten John,* Stefania Piantavigna, Tiara J. A. Dealey, Bernd Abel, Herre Jelger Risselada and Lisandra L. Martin*



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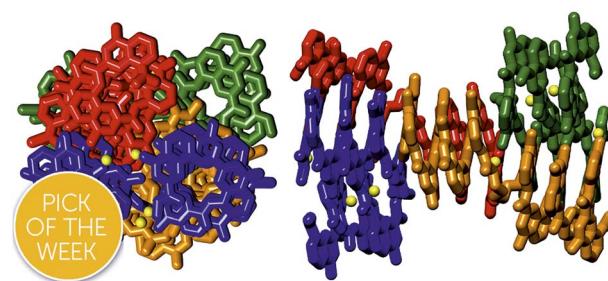
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An abiotic, tetrameric, eight-helix bundle

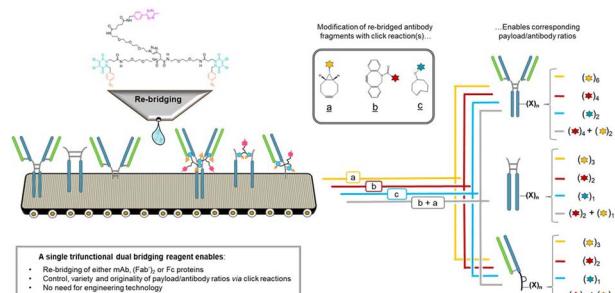
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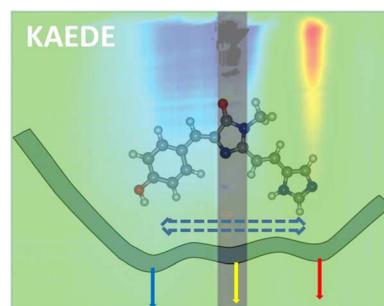
Fabien Thoreau,* Léa N. C. Rochet, James R. Baker* and Vijay Chudasama*



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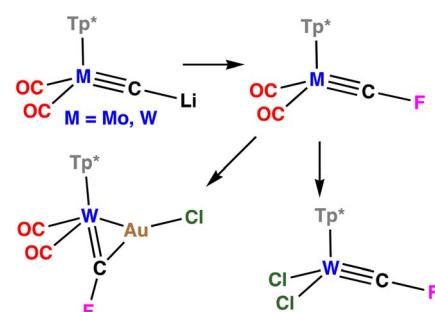
Kiri Addison, Palas Roy, Giovanni Bressan, Karolina Skudaite, Josh Robb, Philip C. Bulman Page, Eleanor K. Ashworth, James N. Bull and Stephen R. Meech*



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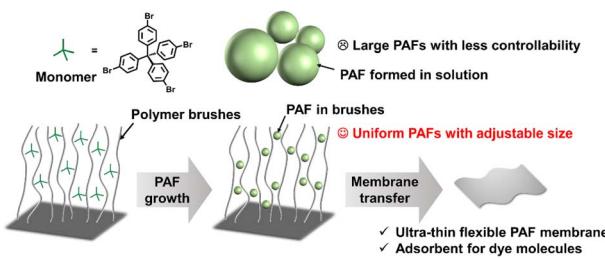
Fluorocarbyne complexes via electrophilic fluorination of carbido ligands

Richard A. Manzano and Anthony F. Hill*



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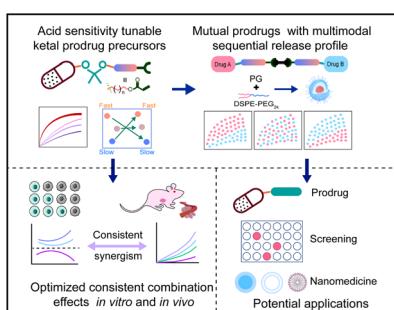
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Tailored preparation of porous aromatic frameworks in a confined environment

Ruihe Yu, Lin Liu, Liying Yin, Yege Jing, Ning Zhang,* Hang Bian* and Guangshan Zhu*

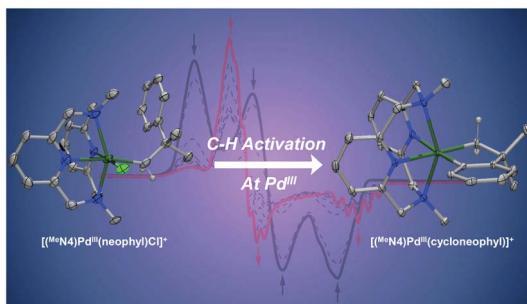
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Fine-tuning the sequential drug release of nano-formulated mutual prodrugs dictates the combination effects

Haiping Zhong, Xingwei Li, Na Yu, Xi Zhang, Jingqing Mu, Tao Liu, Bo Yuan, Xiaoyong Yuan and Shutao Guo*

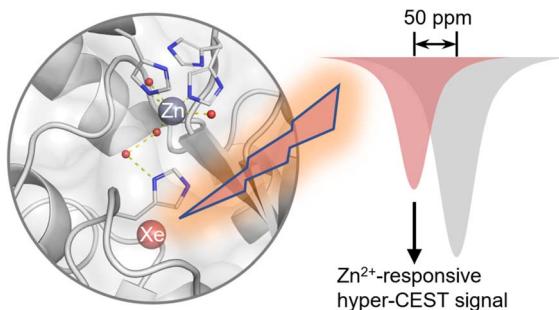
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C–H bond activation via concerted metalation–deprotonation at a palladium(III) center

Bailey S. Bouley, Fengzhi Tang, Dae Young Bae and Liviu M. Mirica*

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Zhuangyu Zhao, Mingyang Zhou, Serge D. Zumerov, Ronen Marmorstein and Ivan J. Dmochowski*



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Probing the donor strength of ylide ligands: synthesis, structure and reactivity of rhodium complexes with a $\text{PC}_\text{ylide}\text{N}$ pincer ligand

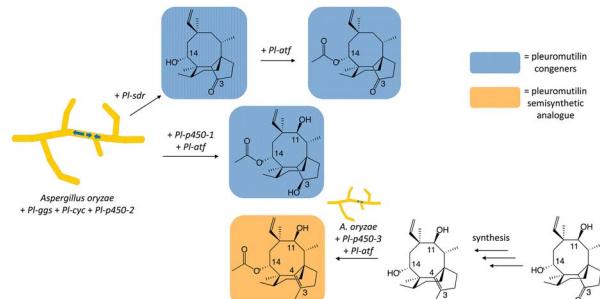
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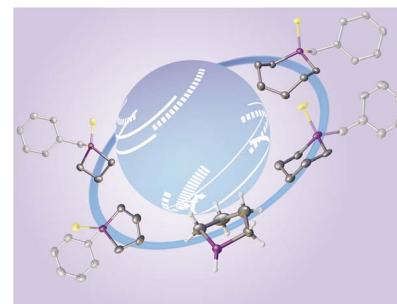
Fabrizio Alberti,* Khairunisa Khairudin, Jonathan A. Davies, Suphattra Sangmallee, Christine L. Willis, Gary D. Foster and Andy M. Bailey*



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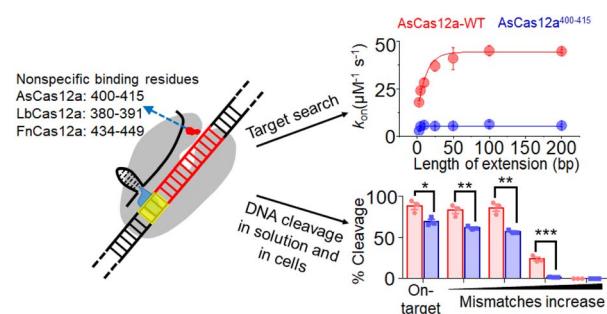
Stephan Reichl, Gábor Balázs and Manfred Scheer*



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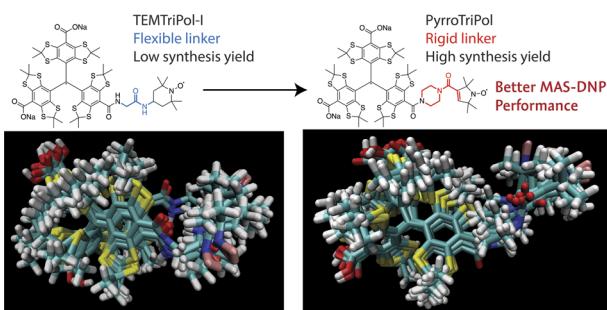
Nonspecific interactions between Cas12a and dsDNA located downstream of the PAM mediate target search and assist AsCas12a for DNA cleavage

Ruirui Sun, Yuqian Zhao, Wenjuan Wang, Jun-Jie Gogo Liu and Chunlai Chen*



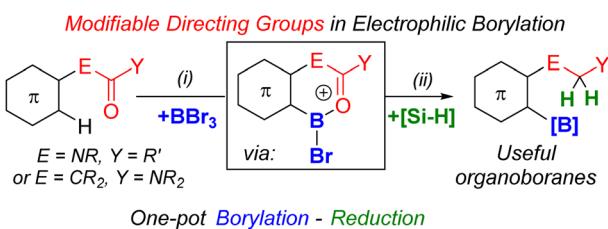
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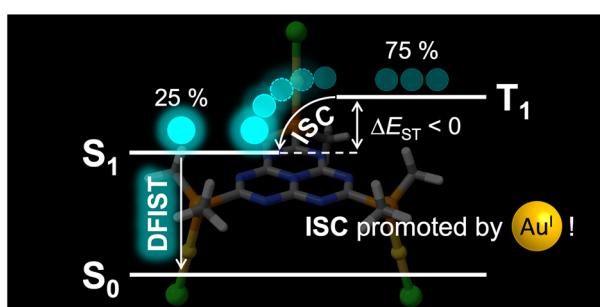
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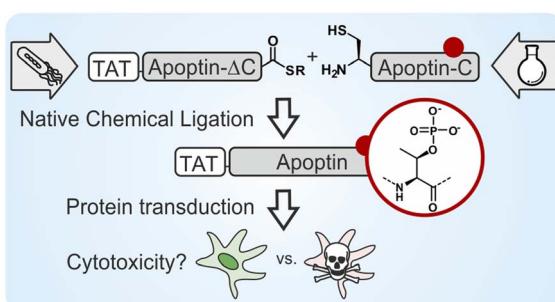
Saqib A. Iqbal, Marina Uzelac, Ismat Nawaz, Zhongxing Wang, T. Harri Jones, Kang Yuan, Clement R. P. Millet, Gary S. Nichol, Ghayoor Abbas Chotana and Michael J. Ingleson*

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Daniel Blasco, Rinat T. Nasibullin, Rashid R. Valiev and Dage Sundholm*

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Jasmine Wyatt, Yuen Ka Chan, Mateusz Hess, Mahvash Tavassoli* and Manuel M. Müller*

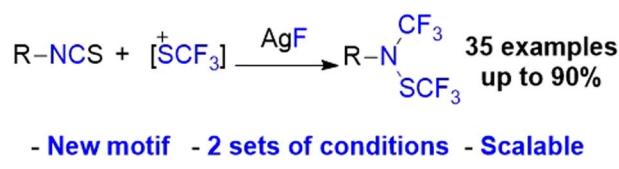


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Novel N(SCF_3)(CF_3)-amines: synthesis, scalability and stability

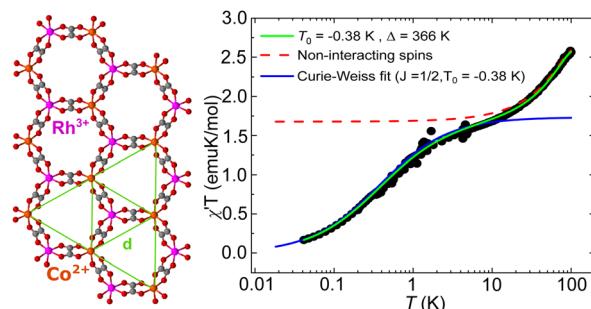
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A quantum spin liquid candidate isolated in a two-dimensional $\text{Co}^{\text{II}}\text{Rh}^{\text{III}}$ bimetallic oxalate network

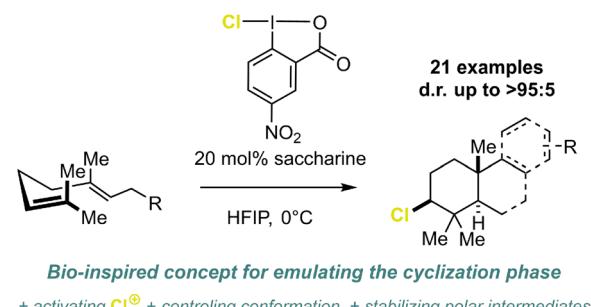
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Biomimetic chlorine-induced polyene cyclizations harnessing hypervalent chloroiodane–HFIP assemblies

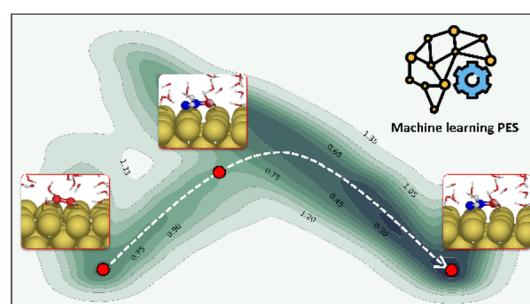
Julia Binder, Aniruddha Biswas and Tanja Gulder*



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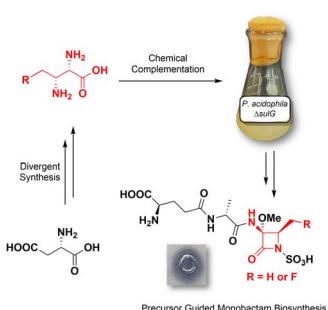
Neural network potentials for accelerated metadynamics of oxygen reduction kinetics at Au–water interfaces

Xin Yang, Arghya Bhowmik, Tejs Vegge and Heine Anton Hansen*



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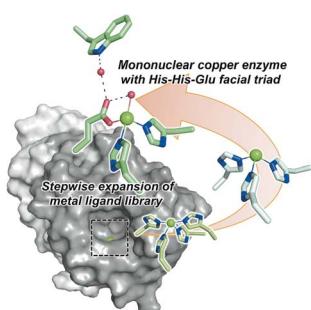
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Synthesis of functionalized 2,3-diaminopropionates and their potential for directed monobactam biosynthesis

Michael S. Lichstrahl, Lukas Kahlert, Rongfeng Li, Trevor A. Zandi, Jerry Yang and Craig. A. Townsend*

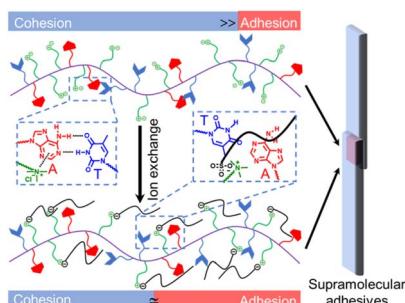
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An artificial metallolyase with pliable 2-His-1-carboxylate facial triad for stereoselective Michael addition

Ryusei Matsumoto, Saho Yoshioka, Miho Yuasa, Yoshitsugu Morita, Genji Kurisu and Nobutaka Fujieda*

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Zhi Dong, Jiang Wu, Xinyi Shen, Zan Hua* and Guangming Liu*

