

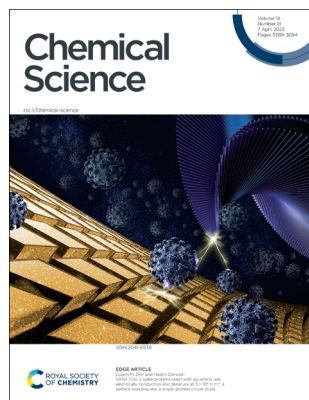
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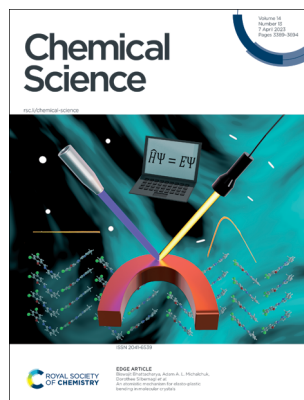
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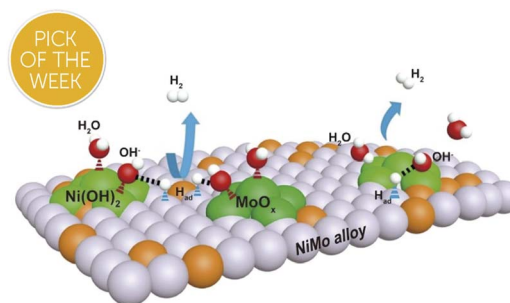
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Insights into alloy/oxide or hydroxide interfaces in Ni–Mo-based electrocatalysts for hydrogen evolution under alkaline conditions

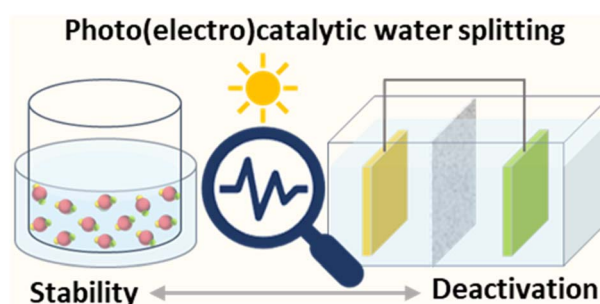
Min Luo, Jietian Yang, Xingang Li, Miharuru Eguchi, Yusuke Yamauchi and Zhong-Li Wang*



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Addressing the stability challenge of photo(electro)catalysts towards solar water splitting

Mu Xiao, Zhiliang Wang, Kazuhiko Maeda, Gang Liu and Lianzhou Wang*



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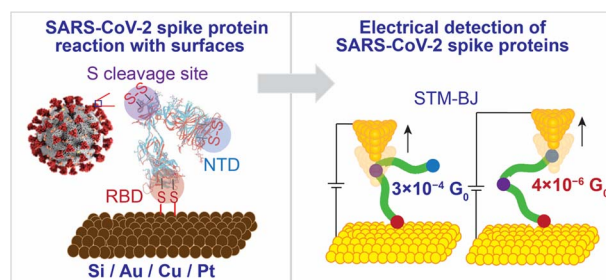
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SARS-CoV-2 spike proteins react with Au and Si, are electrically conductive and denature at $3 \times 10^8 \text{ V m}^{-1}$: a surface bonding and a single-protein circuit study

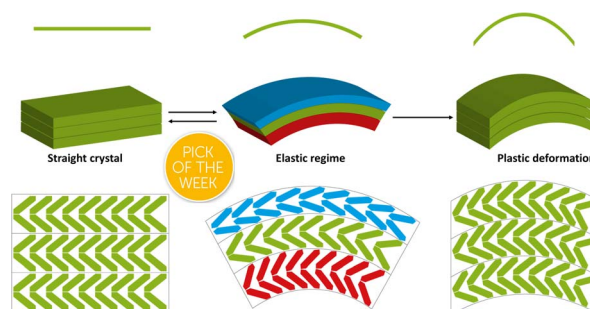
Essam M. Dief and Nadim Darwish*



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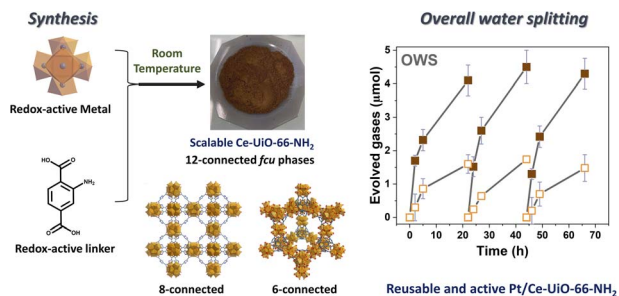
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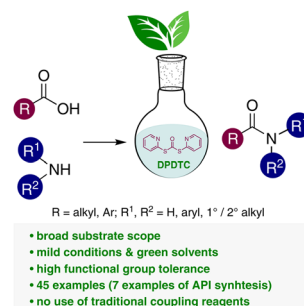
Shan Dai, Eva Montero-Lanzuela, Antoine Tissot,* Herme G. Baldoví, Hermenegildo García, Sergio Navalón* and Christian Serre*



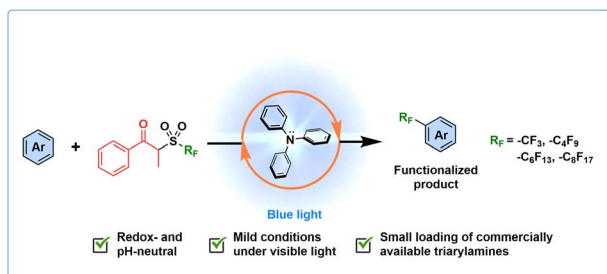
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Direct formation of amide/peptide bonds from carboxylic acids: no traditional coupling reagents, 1-pot, and green

Kaitlyn M. Freiberg, Rahul D. Kavthe, Rohan M. Thomas, David M. Fialho, Paris Dee, Matthew Scurria and Bruce H. Lipshutz*



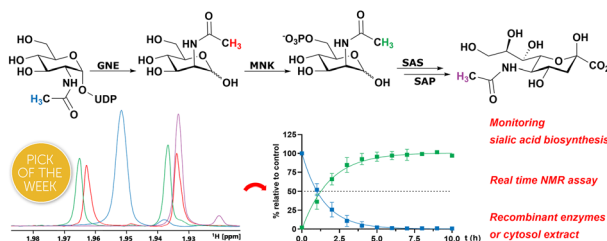
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Triarylamines as catalytic donors in light-mediated electron donor–acceptor complexes

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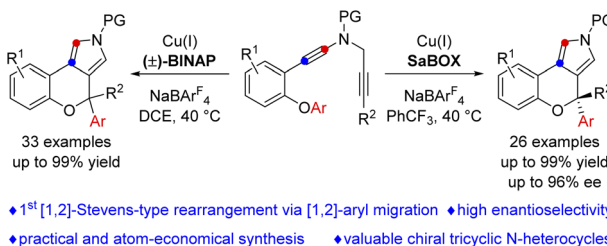
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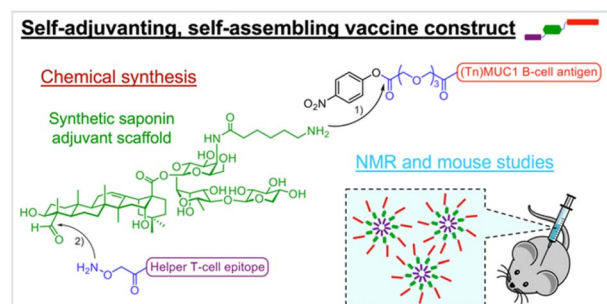
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Copper-catalyzed enantioselective diyne cyclization via C(sp²)-O bond cleavage

Ji-Jia Zhou, Ya-Nan Meng, Li-Gao Liu, Yi-Xi Liu, Zhou Xu,* Xin Lu,* Bo Zhou and Long-Wu Ye*

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Development of synthetic, self-adjuvant, and self-assembling anticancer vaccines based on a minimal saponin adjuvant and the tumor-associated MUC1 antigen

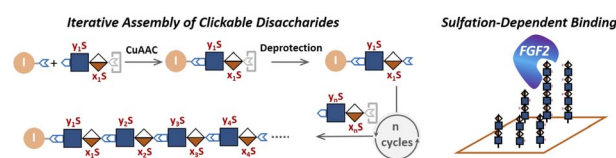
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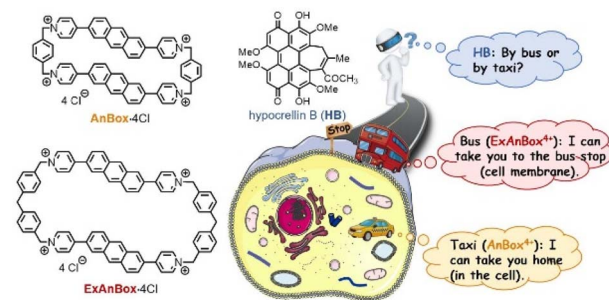
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Supramolecular photosensitizers using extended macrocyclic hosts for photodynamic therapy with distinct cellular delivery

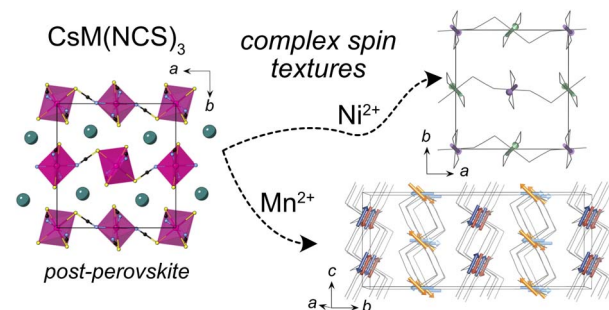
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Non-collinear magnetism in the post-perovskite thiocyanate frameworks CsM(NCS)₃

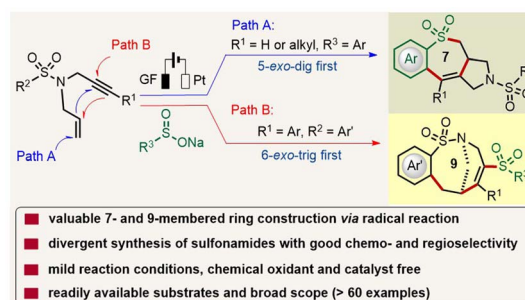
Madeleine Geers, Jie Yie Lee, Sanliang Ling, Oscar Fabelo, Laura Cañadillas-Delgado and Matthew J. Cliffe*



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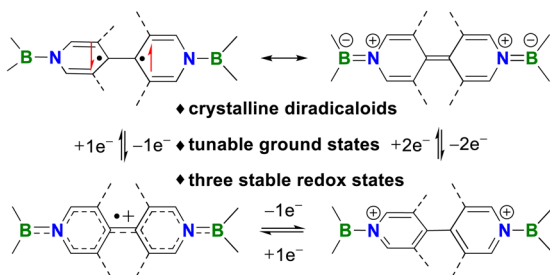
Electrosynthesis of bridged or fused sulfonamides through complex radical cascade reactions: divergence in medium-sized ring formation

Yan Zhang,* Zhenzhi Cai, Chunhang Zhao, Hanliang Zheng and Lutz Ackermann*



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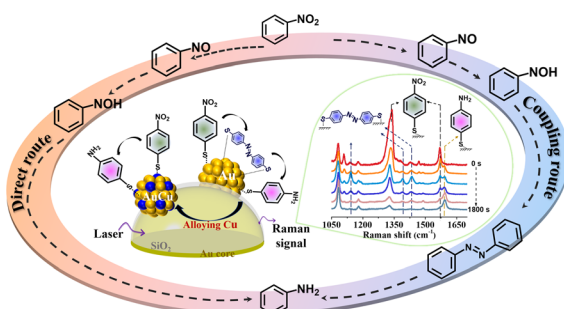
the Marriage of Viologens and Chichibabin's Hydrocarbon



Multiple stable redox states and tunable ground states via the marriage of viologens and Chichibabin's hydrocarbon

Yuyang Dai, Zhuofeng Xie, Manling Bao, Chunmeng Liu and Yuanting Su*

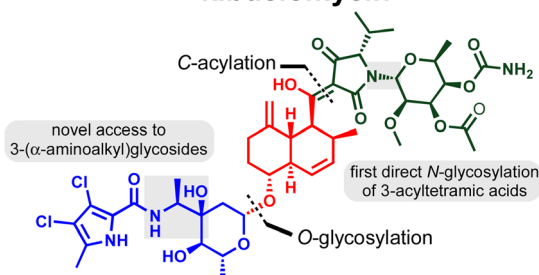
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*In situ* SERS reveals the route regulation mechanism mediated by bimetallic alloy nanocatalysts for the catalytic hydrogenation reaction

Xiaoxiao Li, Jinghua An, Ze Gao, Chang Xu, Yaoying Cheng, Simin Li, Lu Li* and Bo Tang*

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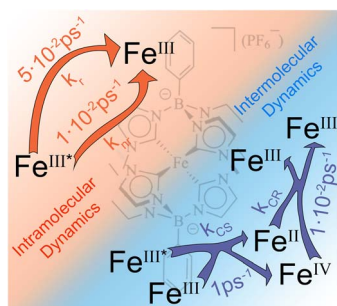
kibdelomycin



Formal synthesis of kibdelomycin and derivatisation of amycolose glycosides

Manuel G. Schriefer, Laura Treiber and Rainer Schobert*

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Competing dynamics of intramolecular deactivation and bimolecular charge transfer processes in luminescent Fe(III) N-heterocyclic carbene complexes

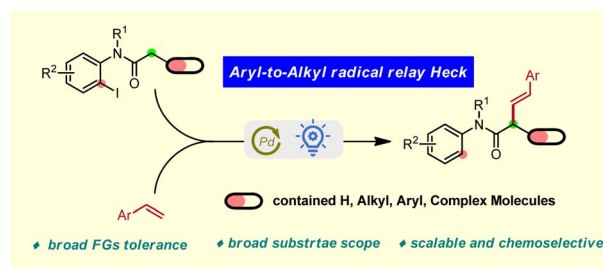
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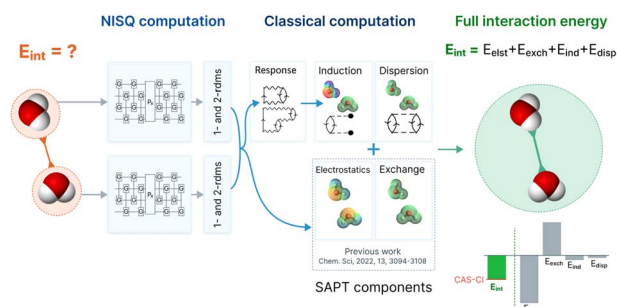
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Accurate non-covalent interaction energies on noisy intermediate-scale quantum computers via second-order symmetry-adapted perturbation theory

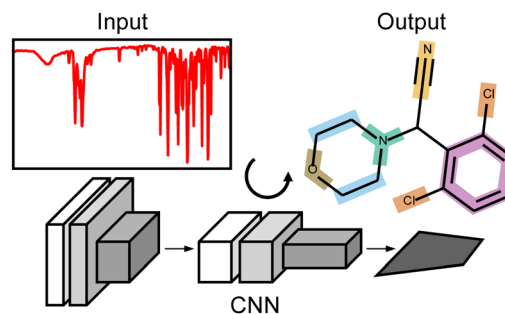
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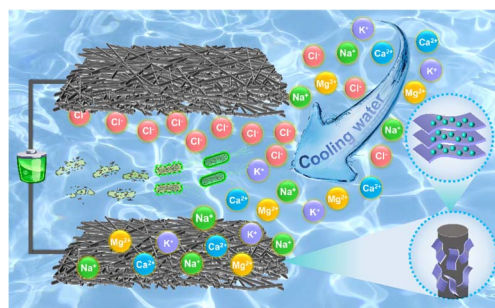
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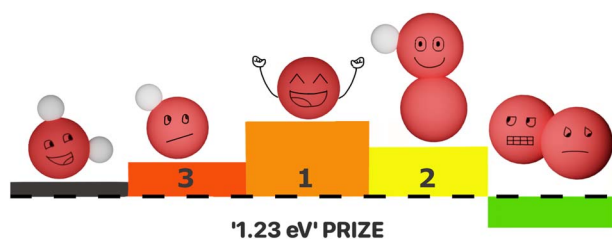
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Ti₃C₂T_x MXene/carbon nanofiber multifunctional electrode for electrode ionization with antifouling activity

Jingjing Lei, Fei Yu, Haijiao Xie and Jie Ma*



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A general but still unknown characteristic of active oxygen evolution electrocatalysts

Eleonora Romeo, Francesc Illas* and Federico Calle-Vallejo*

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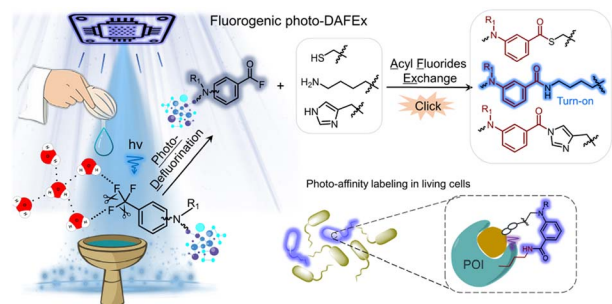
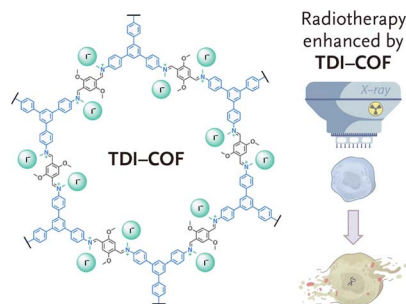


Photo-induced defluorination acyl fluoride exchange as a fluorogenic photo-click reaction for photo-affinity labeling

Lijun Deng, Cefei Zhang, Baolin Li, Jieli Fu, Zhong Zhang, Sitong Li, Xiaohu Zhao, Zhishan Su, Changwei Hu* and Zhipeng Yu*

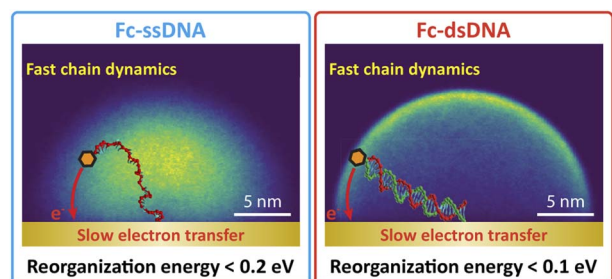
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An iodide-containing covalent organic framework for enhanced radiotherapy

Le-Le Zhou, Qun Guan, Wei Zhou, Jing-Lan Kan and Yu-Bin Dong*

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Electrochemical response of surface-attached redox DNA governed by low activation energy electron transfer kinetics

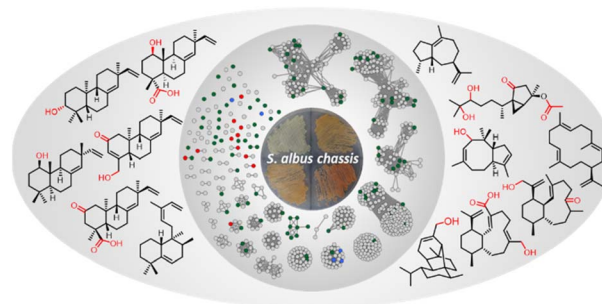
Zhiyong Zheng, Soo Hyeon Kim, Arnaud Chovin, Nicolas Clement* and Christophe Demaille*



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Building *Streptomyces albus* as a chassis for synthesis of bacterial terpenoids

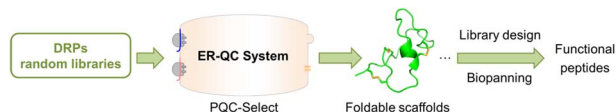
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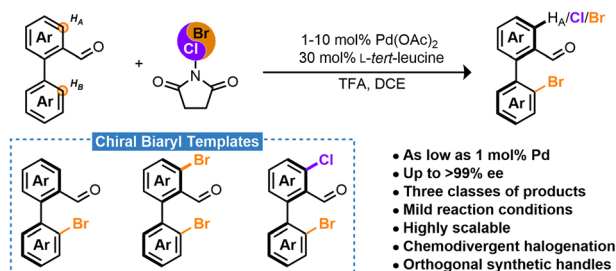
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Redox tuning of the H-cluster by second coordination sphere amino acids in the sensory [FeFe] hydrogenase from *Thermotoga maritima*

Nipa Chongdar,* Patricia Rodríguez-Maciá, Edward J. Reijerse, Wolfgang Lubitz, Hideaki Ogata* and James A. Birrell*

