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ISSN 2041-6539 CODEN CSHCBM 14(30) 8009–8224 (2023)

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See Ambara R. Pradipta, Katsunori Tanaka *et al.*, pp. 8054–8060.
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Inside cover
See Alakesh Bisai *et al.*, pp. 8047–8053.
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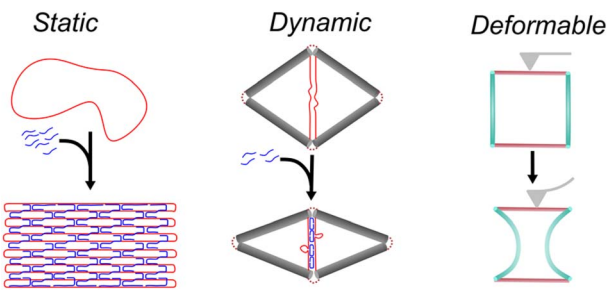
REVIEW

8018

Mechanics of dynamic and deformable DNA nanostructures

Ruixin Li, Anirudh S. Madhvacharyula, Yancheng Du, Harshith K. Adepu and Jong Hyun Choi*

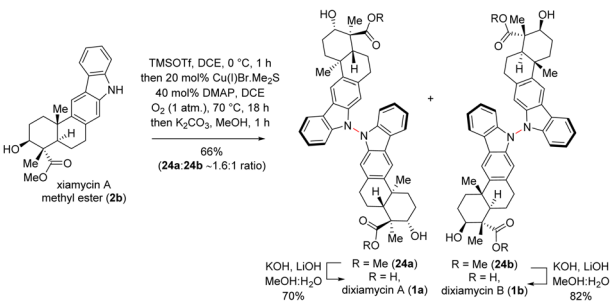


EDGE ARTICLES

8047

Total synthesis of atropisomeric indolosesquiterpenoids *via* N–N bond formation: dixiamycins A and B

Rhituparna Nandi, Sovan Niyogi, Sourav Kundu, Vipin R. Gavit, Mintu Munda, Ranjit Murmu and Alakesh Bisai*



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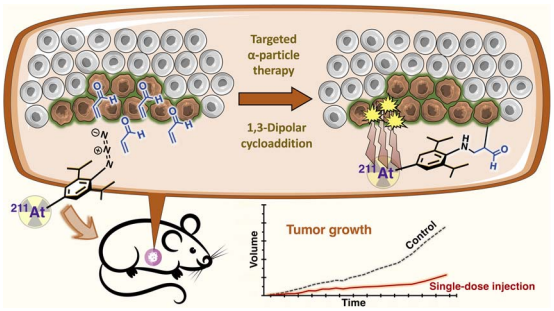
Therapeutic efficacy of ^{211}At-radiolabeled 2,6-diisopropylphenyl azide in mouse models of human lung cancer

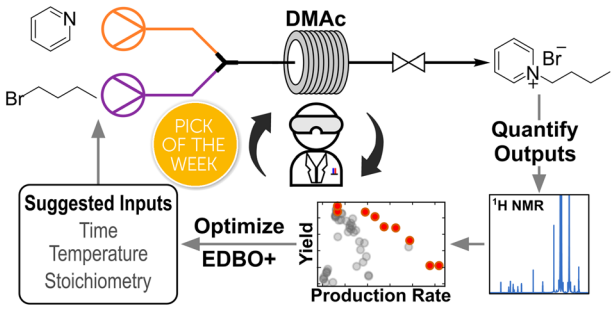
Yudai Ode, Ambara R. Pradipta,* Peni Ahmadi, Akihiro Ishiwata, Akiko Nakamura, Yasuko Egawa, Yuriko Kusakari, Kyohei Muguruma, Yang Wang, Xiaojie Yin, Nozomi Sato, Hiromitsu Haba and Katsunori Tanaka*



8061

Continuous flow synthesis of pyridinium salts accelerated by multi-objective Bayesian optimization with active learning

John H. Dunlap, Jeffrey G. Ethier, Amelia A. Putnam-Neeb, Sanjay Iyer, Shao-Xiong Lennon Luo, Haosheng Feng, Jose Antonio Garrido Torres, Abigail G. Doyle, Timothy M. Swager, Richard A. Vaia, Peter Mirau, Christopher A. Crouse and Luke A. Baldwin*



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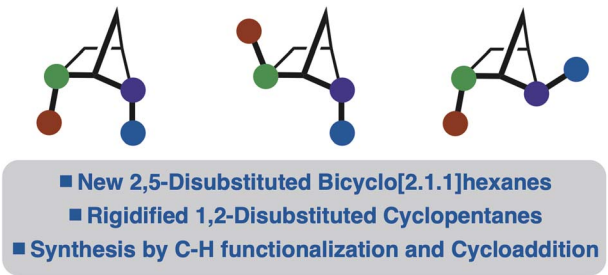
2,5-disubstituted bicyclo[2.1.1]hexanes as rigidified cyclopentane variants

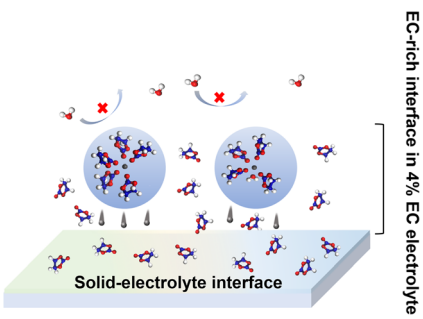
Shashwati Paul, Daniel Adelfinsky, Christophe Salome, Thomas Fessard* and M. Kevin Brown*



8076

Interface solvation regulation stabilizing the Zn metal anode in aqueous Zn batteries

Kuo Wang, Tong Qiu, Lu Lin, Fangming Liu, Jiaqi Zhu, Xiao-Xia Liu and Xiaoqi Sun*



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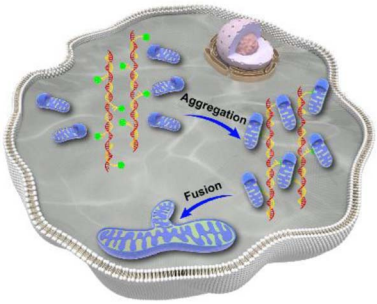

Controllable mitochondrial aggregation and fusion by a programmable DNA binder

Longyi Zhu, Yiting Shen, Shengyuan Deng, Ying Wan,* Jun Luo, Yan Su, Mingxu You, Chunhai Fan and Kewei Ren*

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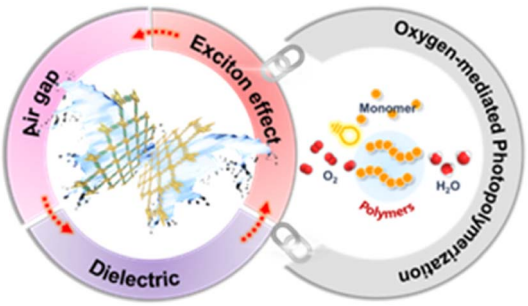

Influence laws of air gap structure manipulation of covalent organic frameworks on dielectric properties and exciton effects for photopolymerization

Hongjie Yang, Zhen Lu, Xiangyu Yin, Shengjin Wu and Linxi Hou*

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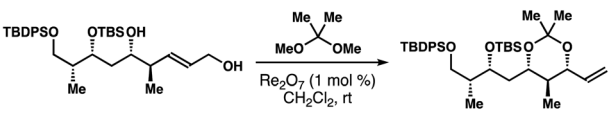

Stereoselective syntheses of 2-methyl-1,3-diol acetals *via* Re-catalyzed [1,3]-allylic alcohol transposition

Jiaming Liu and Ming Chen*

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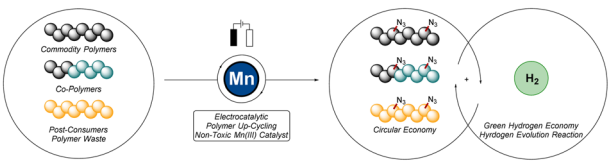

Polymer up-cycling by mangana-electrocatalytic C(sp^3)–H azidation without directing groups

Isaac Maksso, Ramesh C. Samanta, Yifei Zhan, Kai Zhang, Svenja Warratz and Lutz Ackermann*

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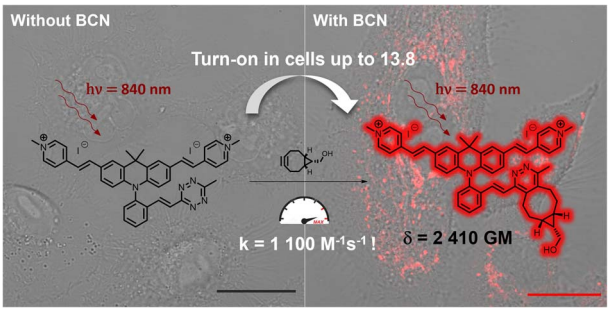
Ultrabright two-photon excitable red-emissive fluorogenic probes for fast and wash-free bioorthogonal labelling in live cells

Marie Auvray,* Delphine Naud-Martin, Gaëlle Fontaine, Frédéric Bolze, Gilles Clavier and Florence Mahuteau-Betzer*



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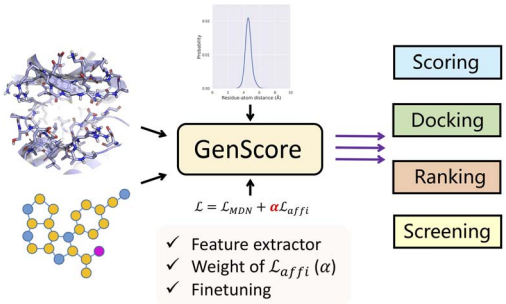
A generalized protein–ligand scoring framework with balanced scoring, docking, ranking and screening powers

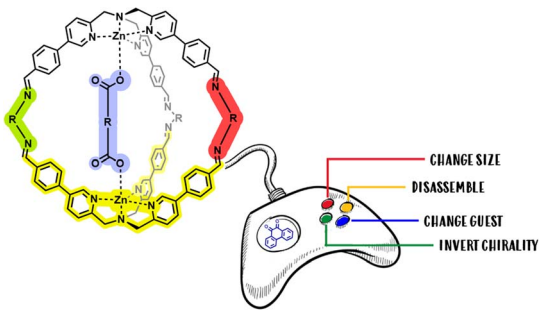
Chao Shen, Xujun Zhang, Chang-Yu Hsieh, Yafeng Deng, Dong Wang, Lei Xu, Jian Wu, Dan Li, Yu Kang,* Tingjun Hou* and Peichen Pan*



8147

Programmed guest confinement *via* hierarchical cage to cage transformations

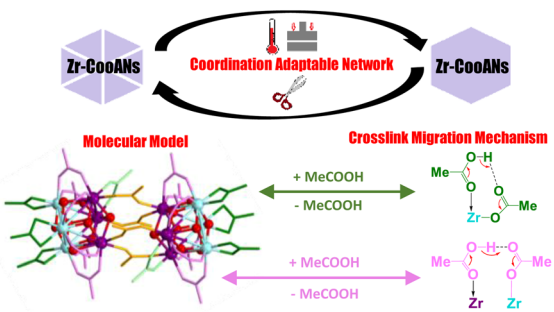
Federico Begato, Giulia Licini and Cristiano Zonta*



8152

Acetate exchange mechanism on a Zr_{12} oxo hydroxo cluster: relevance for reshaping Zr–carboxylate coordination adaptable networks

Meenu Murali, Christian Bijani, Jean-Claude Daran, Eric Manoury and Rinaldo Poli*



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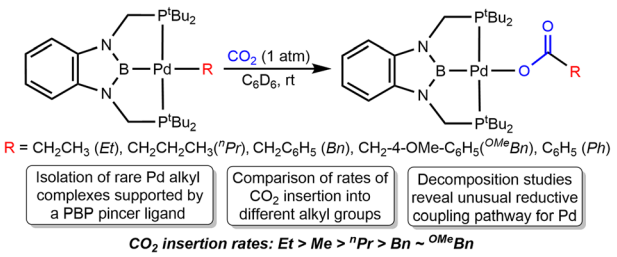

Comparative study of CO_2 insertion into pincer supported palladium alkyl and aryl complexes

Anthony P. Deziel, Sahil Gahlawat, Nilay Hazari,* Kathrin H. Hopmann* and Brandon Q. Mercado

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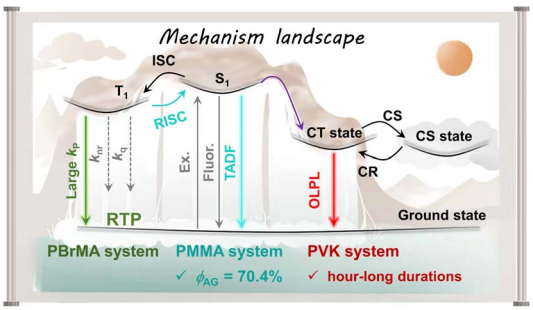
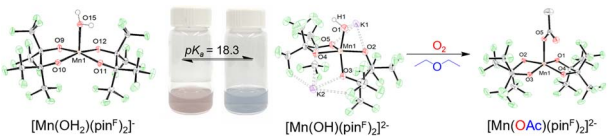


Mechanism landscape in pyrylium induced organic afterglow systems

Guangming Wang, Xuefeng Chen, Xun Li, Ying Zeng and Kaka Zhang*

8187



HAA by the first {Mn(III)OH} complex with all O-donor ligands

Shawn M. Moore, Chen Sun, Jennifer L. Steele, Ellen M. Laaker, Arnold L. Rheingold and Linda H. Doerrer*

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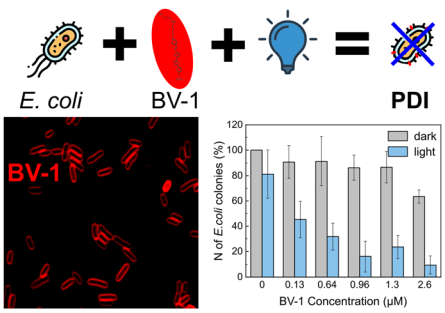

A membrane intercalating metal-free conjugated organic photosensitizer for bacterial photodynamic inactivation

Arianna Magni, Sara Mattiello, Luca Beverina, Giuseppe Mattioli, Matteo Moschetta, Anita Zucchi, Giuseppe Maria Paternò* and Guglielmo Lanzani*

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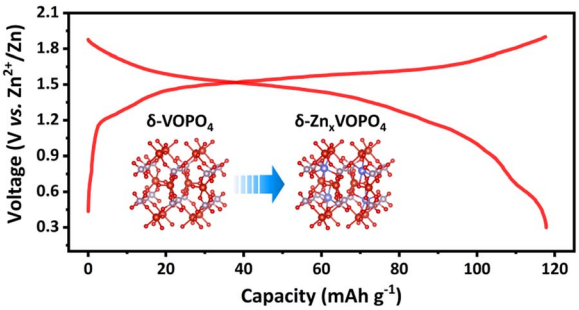
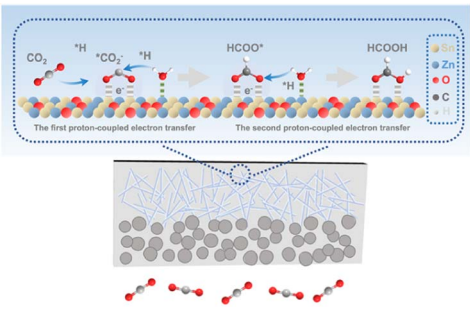
δ-$VOPO_4$ as a high-voltage cathode material for aqueous zinc-ion batteries

Dong Zhao, Xiangjun Pu,* Shenglong Tang, Mingyue Ding,* Yubin Zeng, Yuliang Cao and Zhongxue Chen*



8214

Zn-induced electron-rich Sn catalysts enable highly efficient CO_2 electroreduction to formate

Xingxing Tan, Shunhan Jia, Xinning Song, Xiaodong Ma, Jiaqi Feng, Libing Zhang, Limin Wu, Juan Du, Aibing Chen, Qinggong Zhu, Xiaofu Sun* and Buxing Han*