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IN THIS ISSUE

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Cover

See Ambara R. Pradipita, Katsunori Tanaka et al., pp. 8054–8060.
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Inside cover

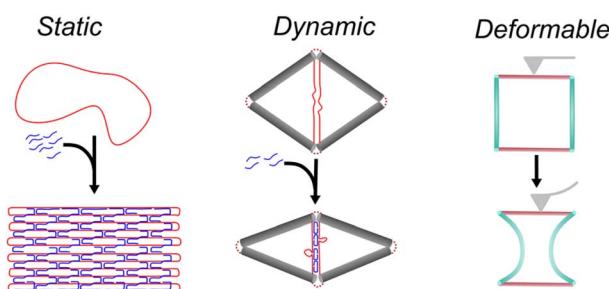
See Alakesh Bisai et al., pp. 8047–8053.
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REVIEW

8018

Mechanics of dynamic and deformable DNA nanostructures

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

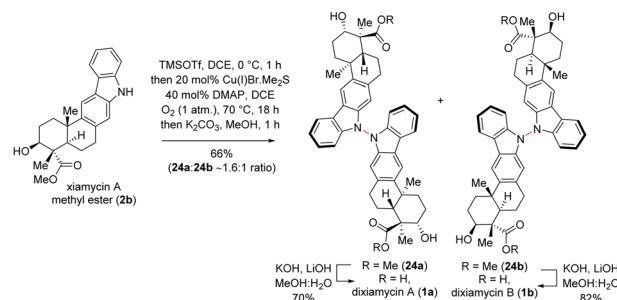


EDGE ARTICLES

8047

Total synthesis of atropisomeric indolosquiterpenoids 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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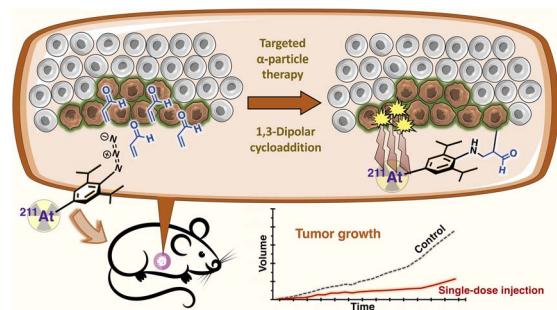
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8054

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

Yudai Ode, Ambara R. Pradipita,* 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

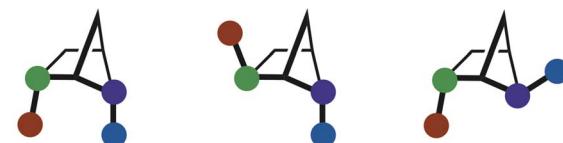
John H. Dunlap, Jeffrey G. Ethier, Amelia A. Putnam-Neeb, Sanjay Iyer, Shao-Xiong Lennon Luo, Haosheng Feng, Jose Antonio Garrido Torres, Abigail G. Doyle, Timothy M. Swager, Richard A. Vaia, Peter Mirau, Christopher A. Crouse and Luke A. Baldwin*



8070

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

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

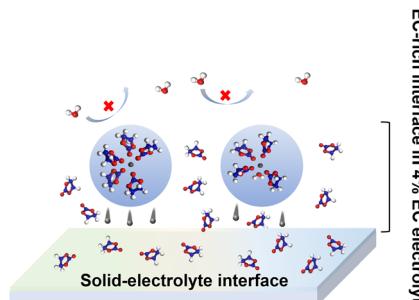


- New 2,5-Disubstituted Bicyclo[2.1.1]hexanes
- Rigidified 1,2-Disubstituted Cyclopentanes
- Synthesis by C-H functionalization and Cycloaddition

8076

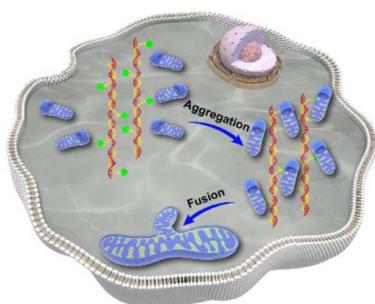
Interface solvation regulation stabilizing the Zn metal anode in aqueous Zn batteries

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



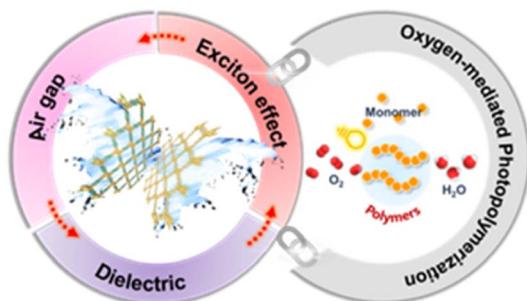
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8084


Controllable mitochondrial aggregation and fusion by a programmable DNA binder

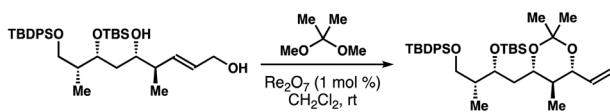
Longyi Zhu, Yiting Shen, Shengyuan Deng, Ying Wan,* Jun Luo, Yan Su, Mingxu You, Chunhai Fan and Kewei Ren*

8095


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

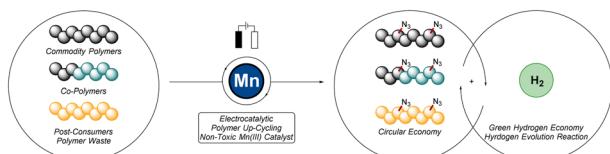
Hongjie Yang, Zhen Lu, Xiangyu Yin, Shengjin Wu and Linxi Hou*

8103


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

Jiaming Liu and Ming Chen*

8109


Polymer up-cycling by mangana-electrocatalytic C(sp³)–H azidation without directing groups

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

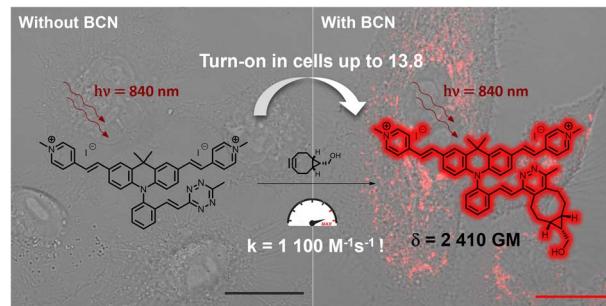


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8119

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

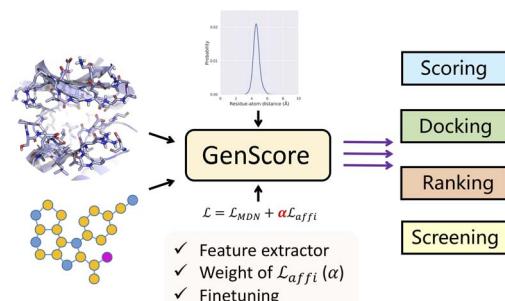
Marie Auvray,* Delphine Naud-Martin, Gaëlle Fontaine, Frédéric Bolze, Gilles Clavier and Florence Mahuteau-Betzer*



8129

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

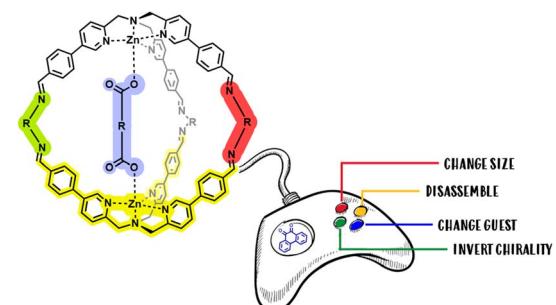
Chao Shen, Xujun Zhang, Chang-Yu Hsieh, Yafeng Deng, Dong Wang, Lei Xu, Jian Wu, Dan Li, Yu Kang,* Tingjun Hou* and Peichen Pan*



8147

Programmed guest confinement via hierarchical cage to cage transformations

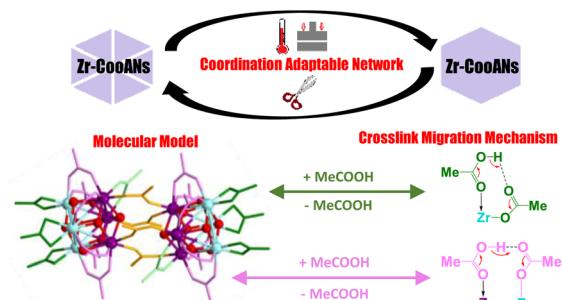
Federico Begato, Giulia Licini and Cristiano Zonta*



8152

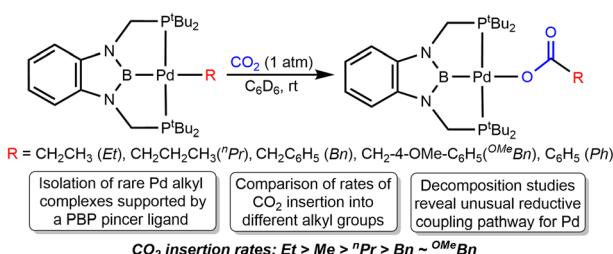
Acetate exchange mechanism on a Zr_{12} oxo hydroxo cluster: relevance for reshaping Zr–carboxylate coordination adaptable networks

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



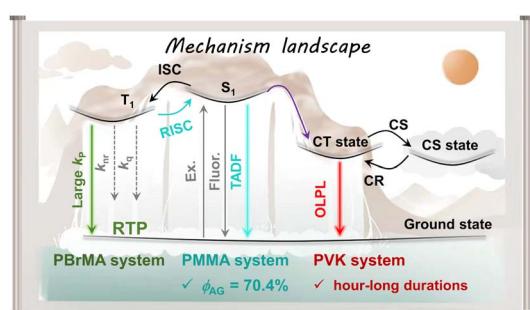
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8164

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

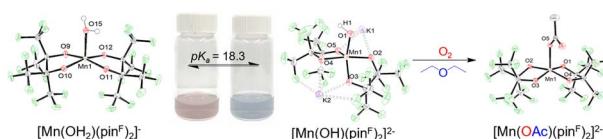
8180



Mechanism landscape in pyrylium induced organic afterglow systems

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

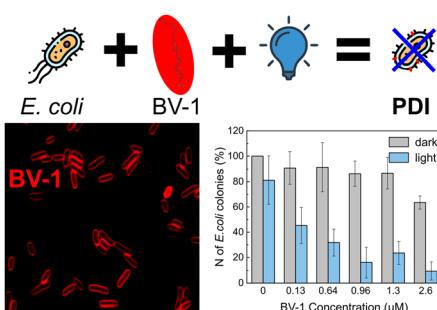
8187



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*

8196



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*

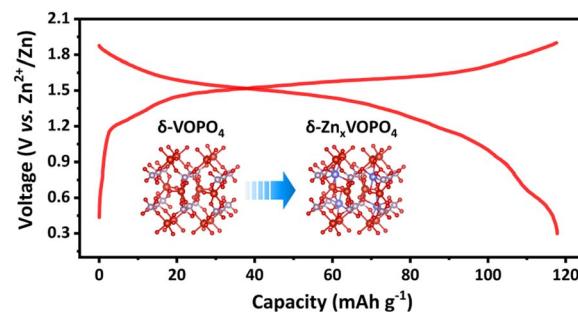


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8206

 δ -VOPO₄ 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 CO₂ 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*

