

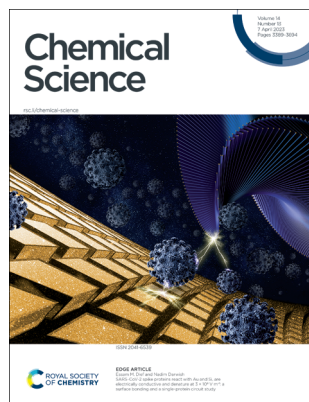
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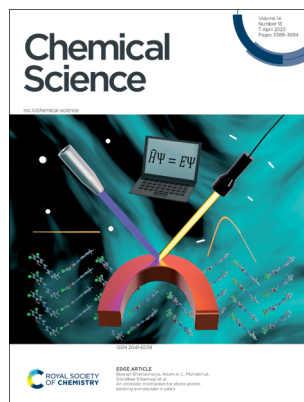
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ISSN 2041-6539 CODEN CSHCBM 14(13) 3389–3694 (2023)



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See Essam M. Dief and Nadim Darwish, pp. 3428–3440.  
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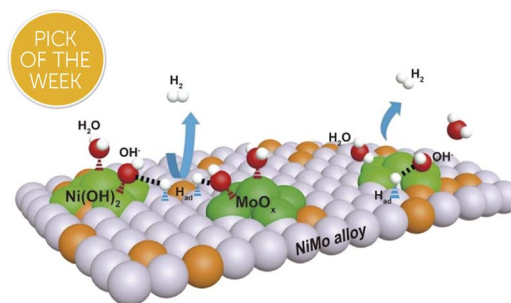
**Inside cover**  
See Biswajit Bhattacharya, Adam A. L. Michalchuk, Dorothee Silbernagl *et al.*, pp. 3441–3450. Image reproduced by permission of Biswajit Bhattacharya from *Chem. Sci.*, 2023, 14, 3441.

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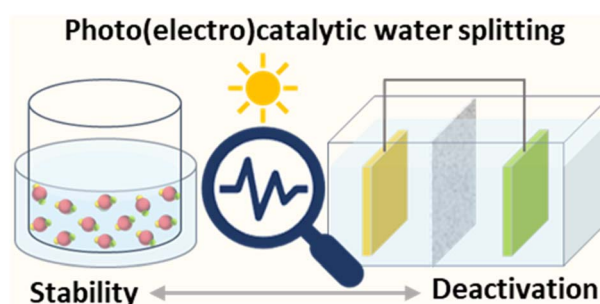
Min Luo, Jietian Yang, Xingang Li, Miharuru Eguchi, Yusuke Yamauchi and Zhong-Li Wang\*



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



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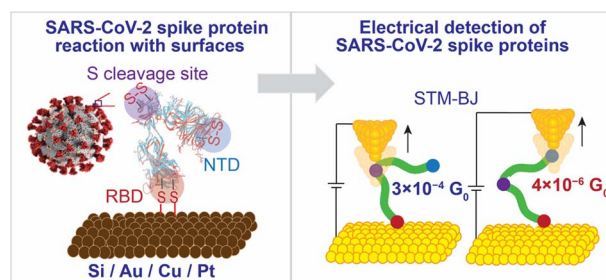
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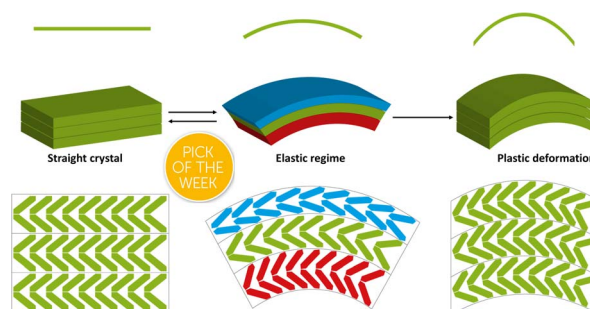
Essam M. Dief and Nadim Darwish\*



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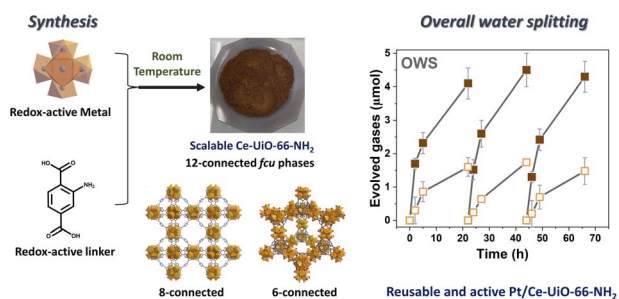
Biswajit Bhattacharya,\* Adam A. L. Michalchuk,\* Dorothee Silbernagl,\* Nobuhiro Yasuda, Torvid Feiler, Heinz Sturm and Franziska Emmerling



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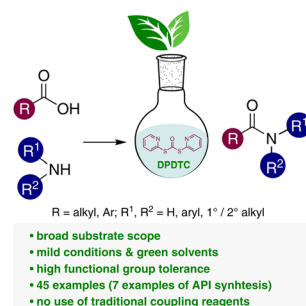
Shan Dai, Eva Montero-Lanzuela, Antoine Tissot,\* Herme G. Baldoví, Hermenegildo García, Sergio Navalón\* and Christian Serre\*



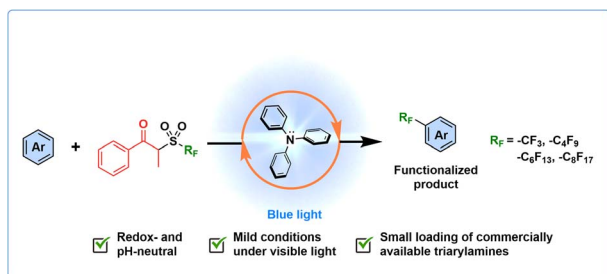
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Kaitlyn M. Freiberg, Rahul D. Kavthe, Rohan M. Thomas, David M. Fialho, Paris Dee, Matthew Scurria and Bruce H. Lipshutz\*



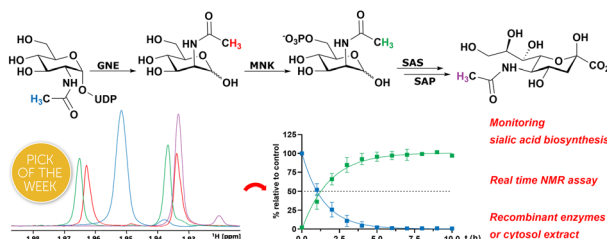
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Durbis J. Castillo-Pazos, Juan D. Lasso, Ehsan Hamzehpoor, Jorge Ramos-Sánchez, Jan Michael Salgado, Gonzalo Cosa, Dmytro F. Perepichka and Chao-Jun Li\*

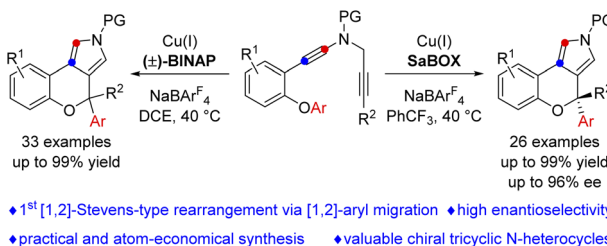
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Jacob L. Gorenflos López, Peter Schmieder, Kristin Kemnitz-Hassanin, Hatice Ceyda Asikoglu, Arif Celik, Christian E. Stieger, Dorothea Fiedler, Stephan Hinderlich\* and Christian P. R. Hackenberger\*

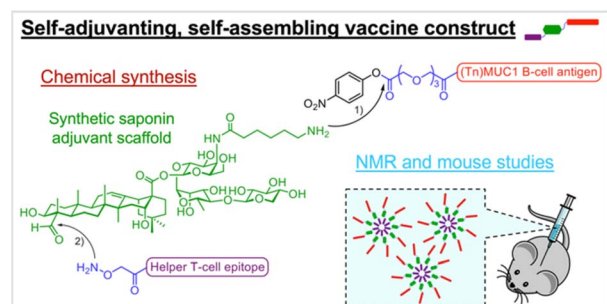
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Ji-Jia Zhou, Ya-Nan Meng, Li-Gao Liu, Yi-Xi Liu, Zhou Xu,\* Xin Lu,\* Bo Zhou and Long-Wu Ye\*

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

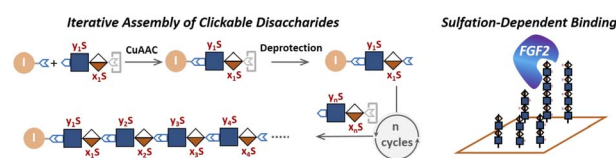
Carlo Pifferi, Leire Aguinagalde, Ane Ruiz-de-Angulo, Nagore Sacristán, Priscila Tonon Baschiroto, Ana Poveda, Jesús Jiménez-Barbero, Juan Anguita\* and Alberto Fernández-Tejada\*



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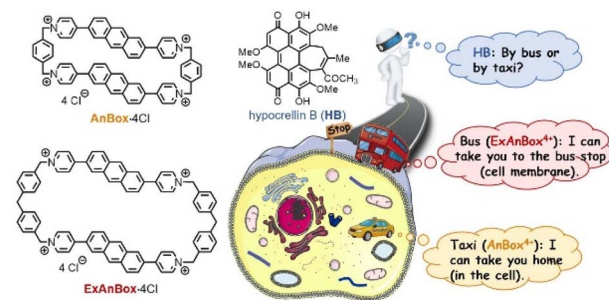
Cangjie Yang, Yu Deng, Yang Wang, Chaoshuang Xia, Akul Y. Mehta, Kelly J. Baker, Anuj Samal, Putthipong Booneimsri, Chanthakarn Lertmaneeang, Seung Hwang, James P. Flynn, Muqing Cao, Chao Liu, Alec C. Zhu, Richard D. Cummings, Cheng Lin, Udayan Mohanty\* and Jia Niu\*



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

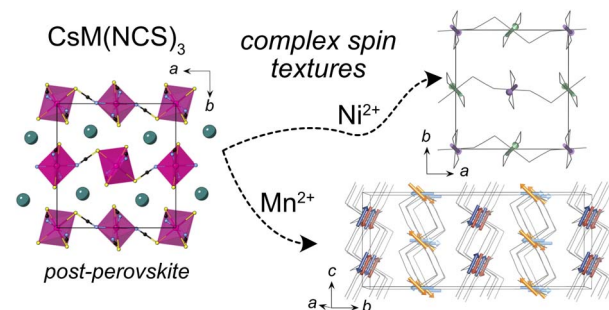
Xiuli Zheng, Sheng-Nan Lei, Zekun Gao, Xiangyu Dong, Hongyan Xiao, Weimin Liu,\* Chen-Ho Tung, Li-Zhu Wu, Pengfei Wang\* and Huan Cong\*



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## Non-collinear magnetism in the post-perovskite thiocyanate frameworks CsM(NCS)<sub>3</sub>

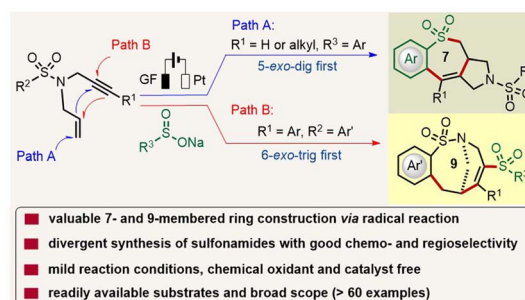
Madeleine Geers, Jie Yie Lee, Sanliang Ling, Oscar Fabelo, Laura Cañadillas-Delgado and Matthew J. Cliffe\*



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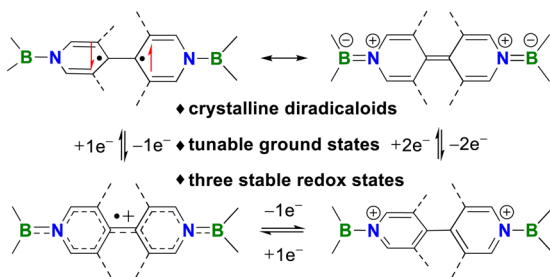
## Electrosynthesis of bridged or fused sulfonamides through complex radical cascade reactions: divergence in medium-sized ring formation

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



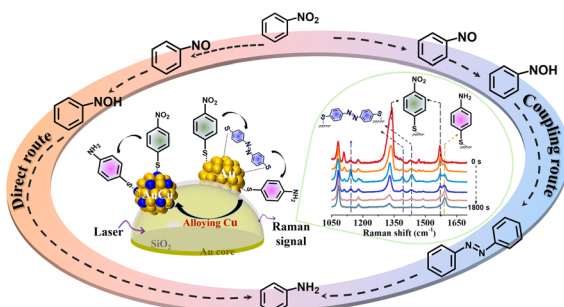
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## the Marriage of Viologens and Chichibabin's Hydrocarbon

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\*

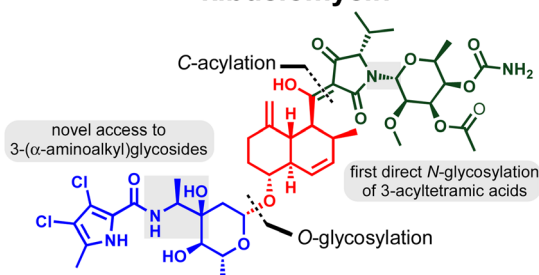
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*In situ* SERS reveals the route regulation mechanism mediated by bimetallic alloy nanocatalysts for the catalytic hydrogenation reaction

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

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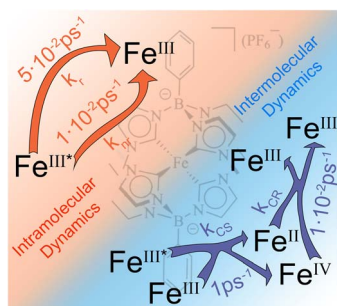
## kibdelomycin



## Formal synthesis of kibdelomycin and derivatisation of amycolose glycosides

Manuel G. Schriefer, Laura Treiber and Rainer Schobert\*

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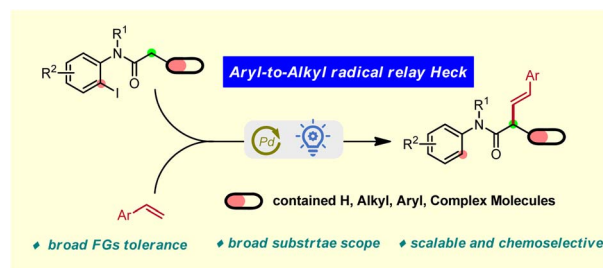
Nils W. Rosemann, Linnea Lindh, Iria Bolaño Losada, Simon Kaufhold, Om Prakash, Aleksandra Ilic, Jesper Schwarz, Kenneth Wärnmark, Pavel Chábera, Arkady Yartsev\* and Petter Persson\*



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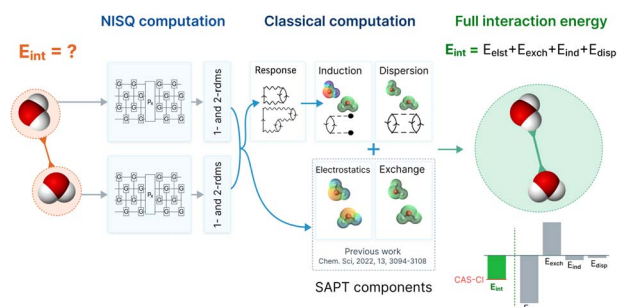
Yu-jia Du, Xia-xin Sheng, Jun-hua Li, Jia-ming Chen, Sen Yang\* and Ming Chen\*



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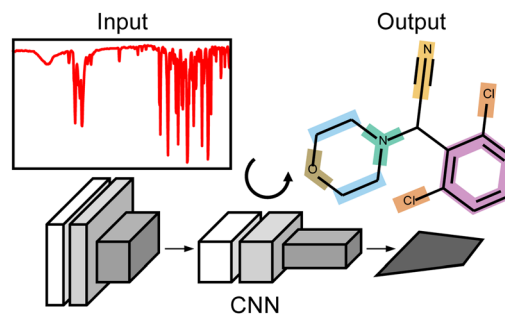
Matthias Loipersberger, Fionn D. Malone, Alicia R. Welden, Robert M. Parrish,\* Thomas Fox, Matthias Degroote, Elica Kyoseva, Nikolaj Moll,\* Raffaele Santagati and Michael Streif



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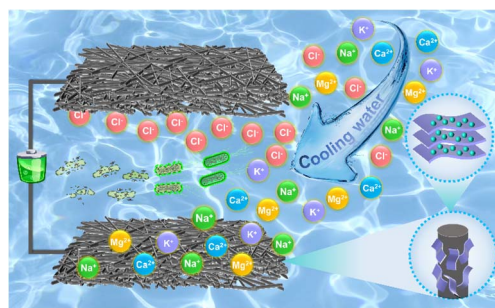
Guwon Jung, Son Gyo Jung and Jacqueline M. Cole\*



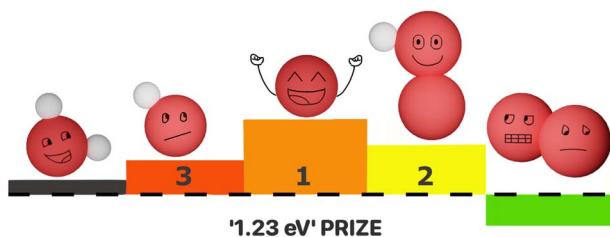
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Jingjing Lei, Fei Yu, Haijiao Xie and Jie Ma\*



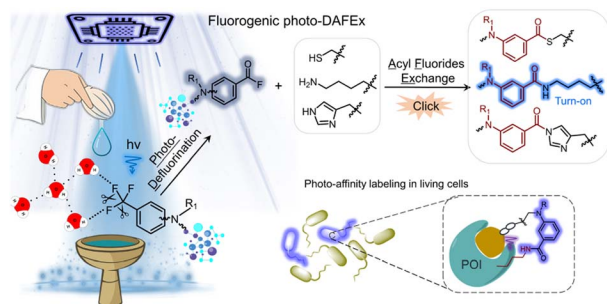
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### A general but still unknown characteristic of active oxygen evolution electrocatalysts

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

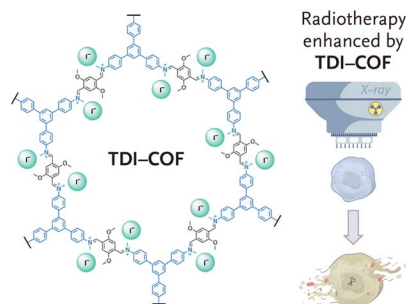
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Lijun Deng, Cefei Zhang, Baolin Li, Jieli Fu, Zhong Zhang,  
Sitong Li, Xiaohu Zhao, Zhishan Su, Changwei Hu\*  
and Zhipeng Yu\*

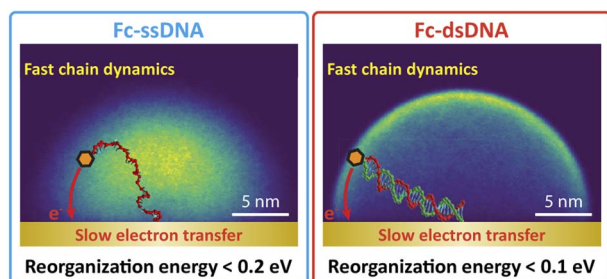
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Le-Le Zhou, Qun Guan, Wei Zhou, Jing-Lan Kan  
and Yu-Bin Dong\*

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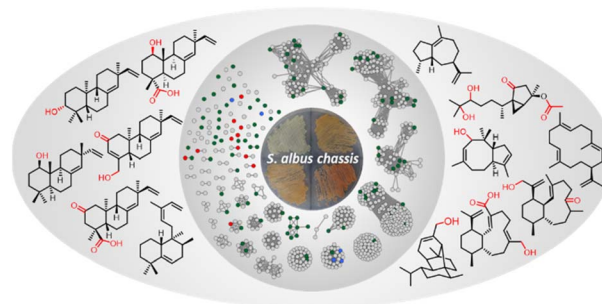
Zhiyong Zheng, Soo Hyeon Kim, Arnaud Chovin,  
Nicolas Clement\* and Christophe Demaille\*



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

Yi Ling Hu, Qi Zhang, Shuang He Liu, Jia Li Sun, Fang Zhou Yin, Zi Ru Wang, Jing Shi, Rui Hua Jiao\* and Hui Ming Ge\*



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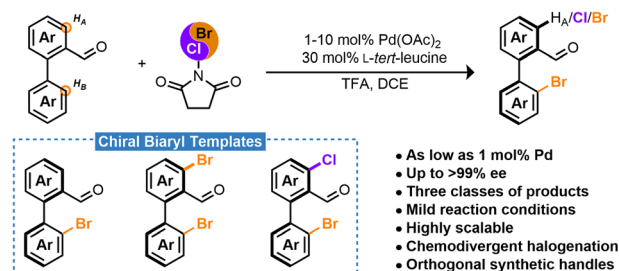
Xiaoting Meng, Chaoying Xu, Shihui Fan, Meng Dong, Jie Zhuang, Zengping Duan, Yibing Zhao and Chuanliu Wu\*



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Sif T. Linde, Vasco Corti, Vibeke H. Lauridsen, Johannes N. Lamhauge, Karl Anker Jørgensen and Nomaan M. Rezayee\*



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

