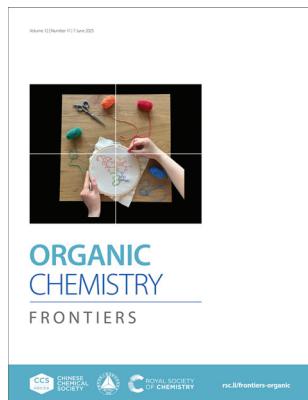


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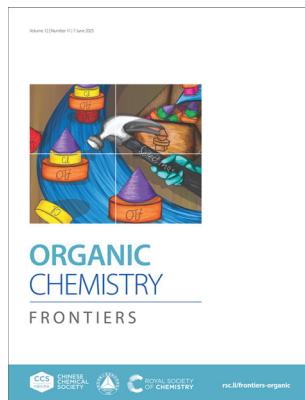


#### Cover

See Anna Skrzyńska,  
Łukasz Albrecht et al.,  
pp. 3324–3329.

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See Chau Ming So et al.,  
pp. 3330–3335.

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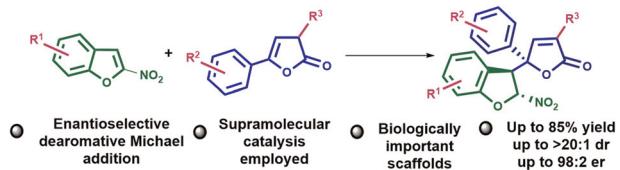
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#### Supramolecular catalysis in the dearomative Michael addition involving nitro-group-activated benzofurans

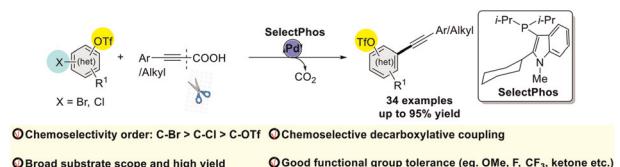
Aleksandra Topolska, Artur Przydacz, Anna Skrzyńska\* and Łukasz Albrecht\*



3330

#### Palladium-catalyzed chemoselective decarboxylative coupling of alkynyl carboxylic acids with halogenated aryl triflates

Miao Wang, On Ying Yuen, Shan Shan Ng and Chau Ming So\*



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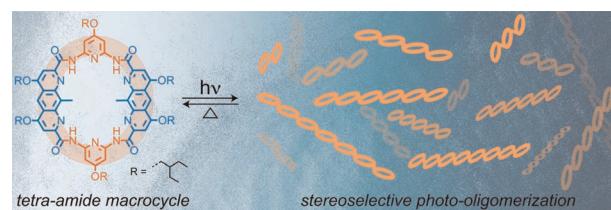
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**Unveiling stereoselective ladders via photo-oligomerization of a diazaanthracene macrocycle**

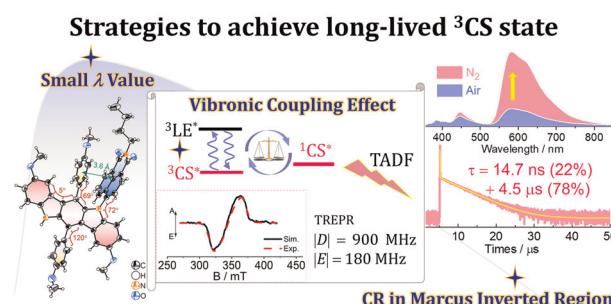
Jinti Moni Kumar, Ivan Huc, Yann Ferrand and Bappaditya Gole\*



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**Charge separation and intersystem crossing in compact, orthogonal and sterically encumbered 6,12-diphenyl indolo[3,2-*b*]carbazole-naphthalimide electron donor–acceptor dyad**

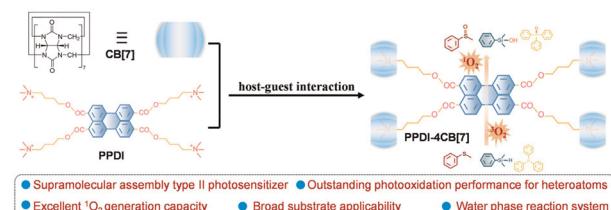
Xue Zhang, Ziqian Xu, Andrey A. Sukhanov, Xichuan Yang, Ayhan Elmali, Jianzhang Zhao,\* Bernhard Dick,\* Ahmet Karatay\* and Violeta K. Voronkova\*



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**Construction of perylene supramolecular assemblies with enhanced singlet oxygen generation for heteroatom photooxidation**

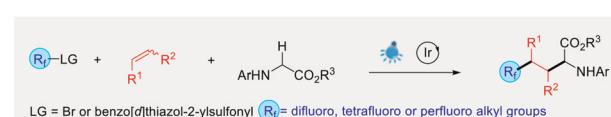
Yu-Song Bi, Rong-Zhen Zhang, Kai-Kai Niu, Hui Liu and Ling-Bao Xing\*



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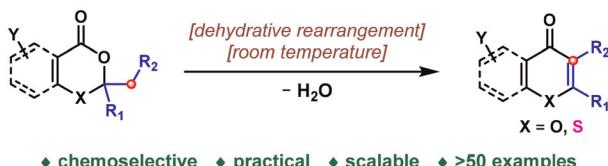
**Stabilized carbon radical-mediated three-component polyfluoroalkylation of amino acid derivatives**

Meizhong Tang, Ye Wang, Shenlin Huang\* and Lan-Gui Xie\*



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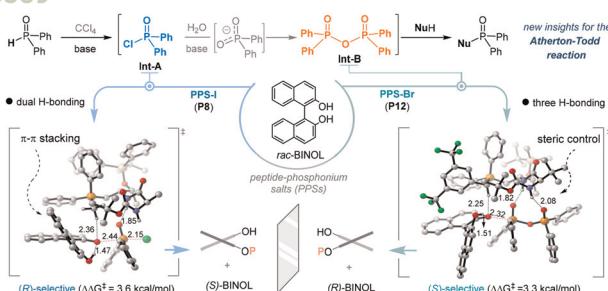
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### A unified protocol for the synthesis of chromones, thiocromones and $\gamma$ -pyrones via a dehydrative rearrangement reaction at room temperature

Yue-Qi Wang, Wei-Li Jin, Hui-Qing Chen, Jin-Xin Zhou, Hong-Yan Shen and Jie Wang\*

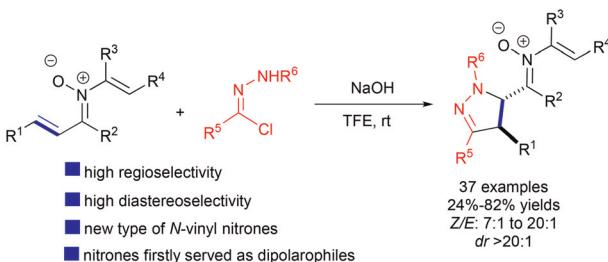
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### Mechanistic study on the enantiodivergent kinetic resolution of axial chiral binaphthol via the peptide-phosphonium salt-catalyzed Atherton-Todd reaction

Jiajia He, Xingjie Luo, Siqiang Fang, Zhishan Su,\* Changwei Hu and Tianli Wang\*

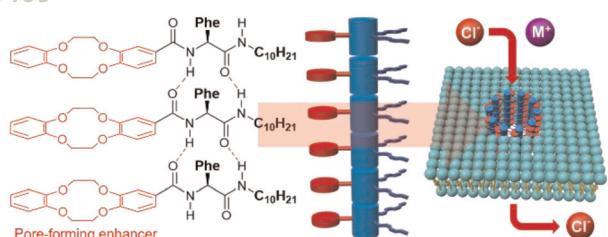
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### Synthesis of pyrazoline-derived *N*-vinyl nitrones through an unexpected selective [3 + 2] cycloaddition

Pei-Wen Qiu, Li-Bing Yan, Li-Fen Ning, Chun-Hua Chen,\* Hong-Yan Bi\* and Dong-Liang Mo\*

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### Dibenzo-12-crown-4 group as a pore-forming enhancer for anion transport

Jisen Fan, Yingxue Xu, Jie Shen, Wenju Chang\* and Huaqiang Zeng\*

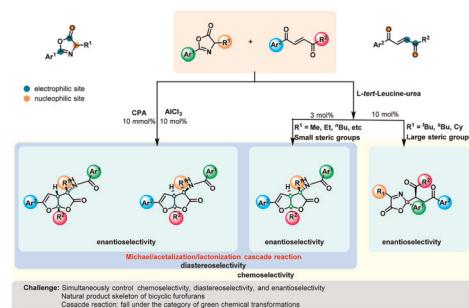


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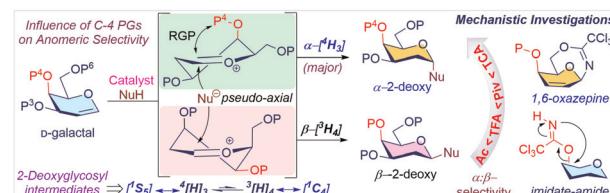
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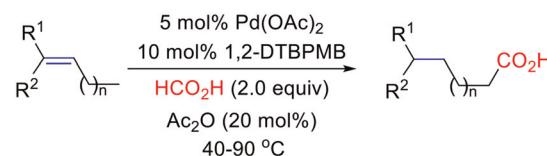
Nitin Kumar, Ankit Yadav and Sudhir Kashyap\*



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**Pd-catalyzed highly regioselective olefin isomerization–hydrocarboxylation with formic acid: a facile approach to synthesize linear carboxylic acids from internal olefins**

Junhua Li, Tianci Shen, Yahui Zhuang, Fengyin Wang, Tao Zhu, Yu Fu, Yaqian Min and Yian Shi\*



Hydrocarboxylation of internal olefins  
up to 98% yield, > 20:1 l/b  
Compatible with various functional groups  
Mild reaction conditions, operationally simple  
No handling of toxic CO gas

3445

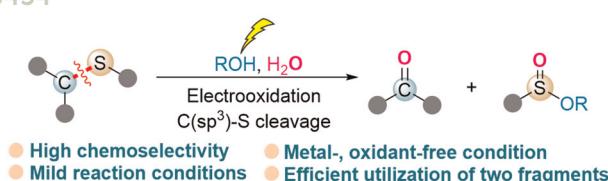
**Electrochemical strategies for *N*-alkylation and *N*-acylation of NH-sulfoximines via the decarboxylation and deoxygenation of carboxylic acids**

Xiaoman Li, Jiawei Huang, Ji-Xing Zhao, Liang Xu, Ping Liu,\* Jichang Liu\* and Yu Wei\*



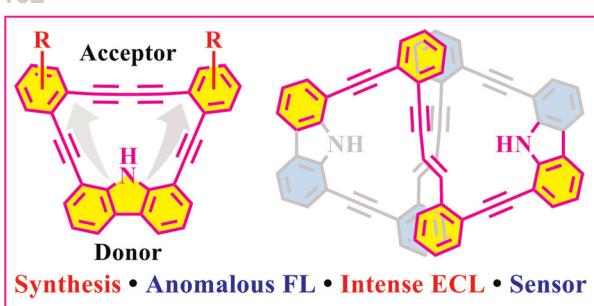
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Jiawei Huang, Xiaoman Li, Liang Xu\* and Yu Wei\*

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Peng Xu, Ningwen Sun, Huabi Xie, Yulan Zuo, Xuan Cao, Hongxing Jia, Qiang Huang, Jinjin Ding and Jinling Zhang\*

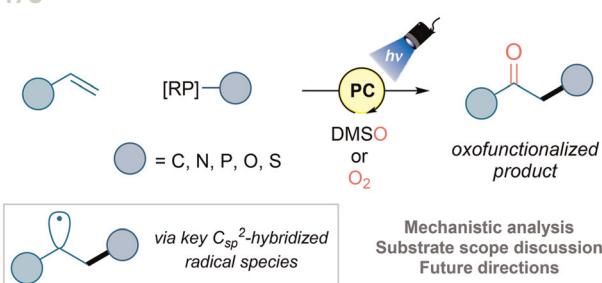
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Strain-release driven  $\alpha,\beta$ -difunctionalization of cyclopropanols with bromonaphthols

Feng-Cheng Jia,\* Lei-Xiao Luo, Yao-Hui Chen, Qian Xiang, Xiao-Qiang Hu\* and Shuang-Xi Gu\*

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## Recent developments in alkene oxo-functionalization reactions governed by photoredox methods

Pau Sarró, Yingmin Ji, Albert Gallego-Gamo, Carolina Gimbert-Suriñach, Adelina Vallribera\* and Albert Granados\*

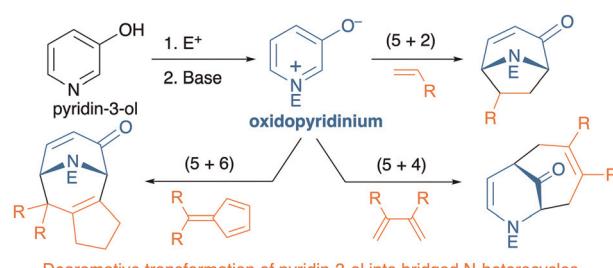


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Yoshihiko Yamamoto



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## Single-atom editing for the construction of boron-containing heterocycles

Xue Li, Yi-Ming Chen and Zhi-Gang Xu\*

