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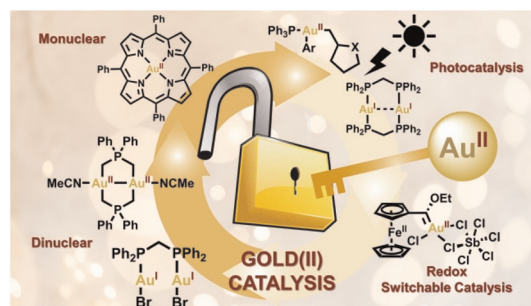
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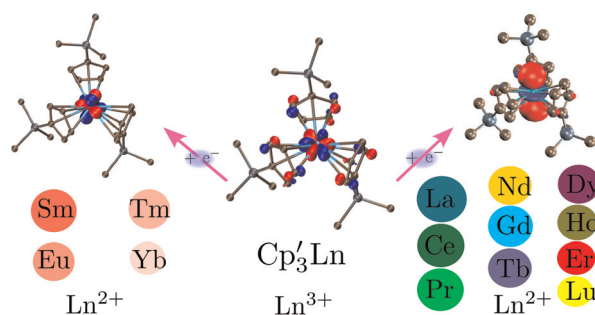
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Ahmadreza Rajabi, Robin Grotjahn, Dmitrij Rappoport and Filipp Furche*

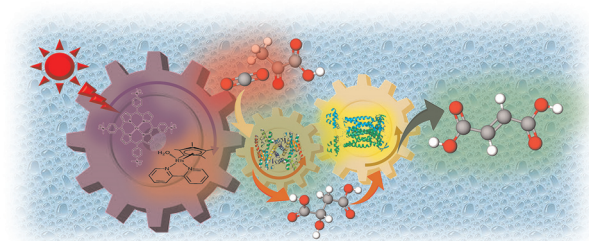


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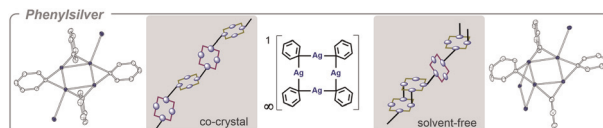
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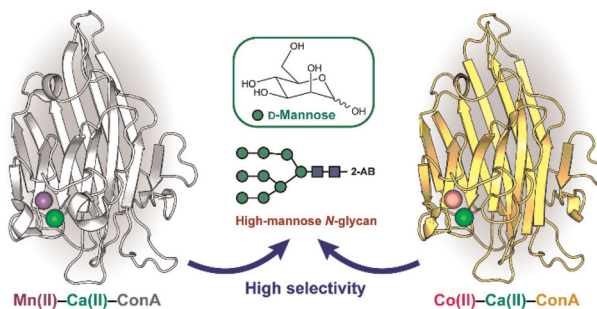
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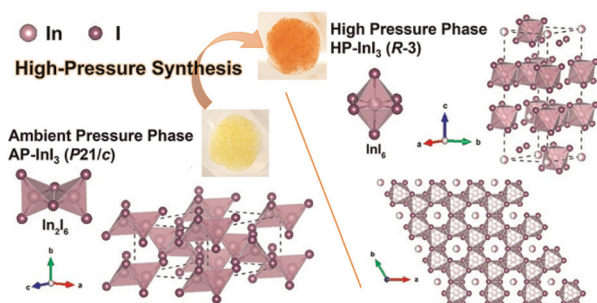
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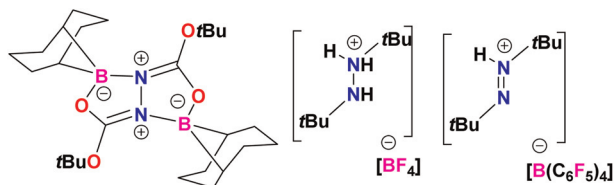
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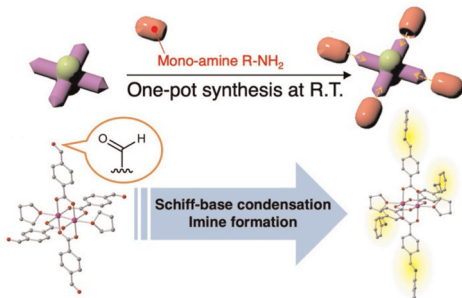
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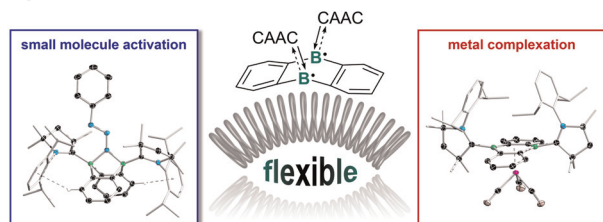


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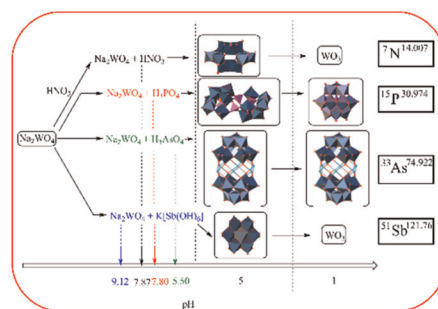


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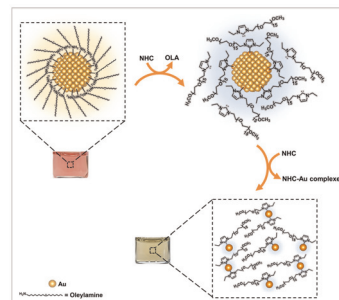
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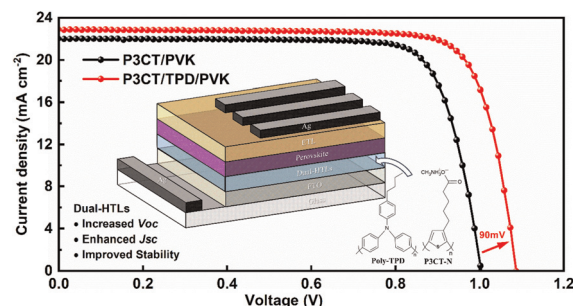
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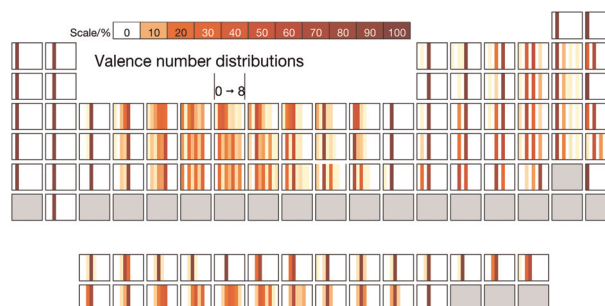
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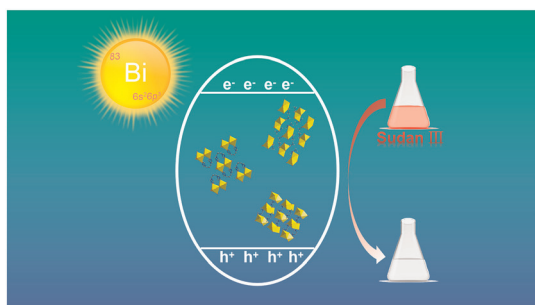
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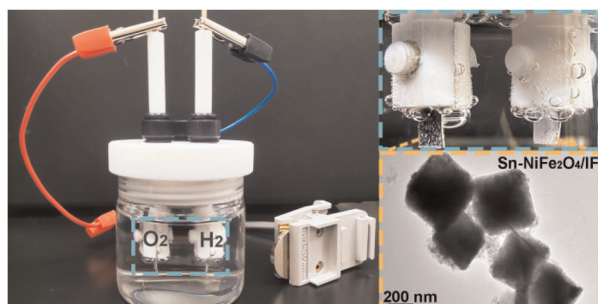
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Seeking environmentally friendly halide perovskite photocatalysts: synthesis, structure and photocatalytic performance exploration

Cheng-An Hu, Jian-Peng Qin and Chun-Yang Pan*

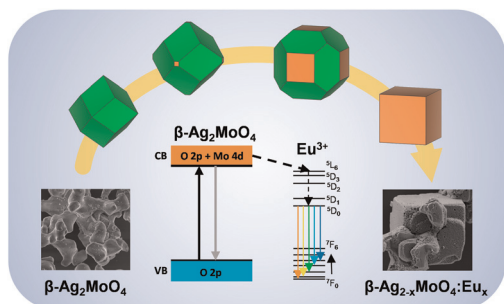
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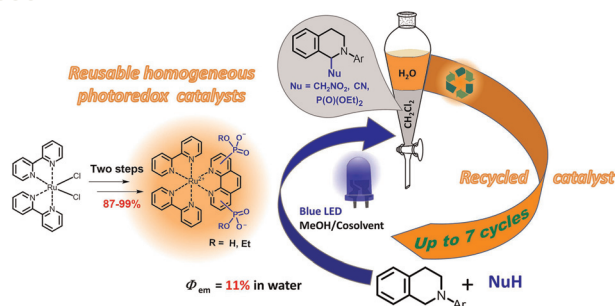
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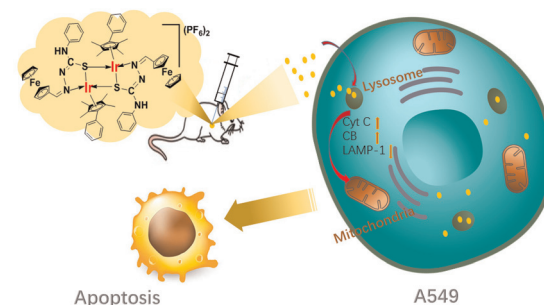


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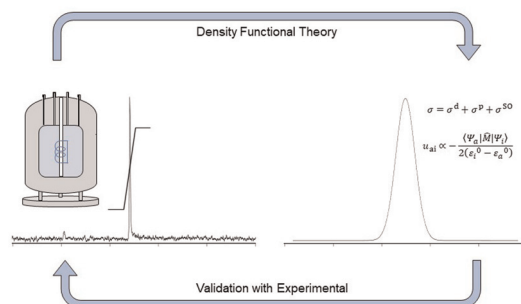
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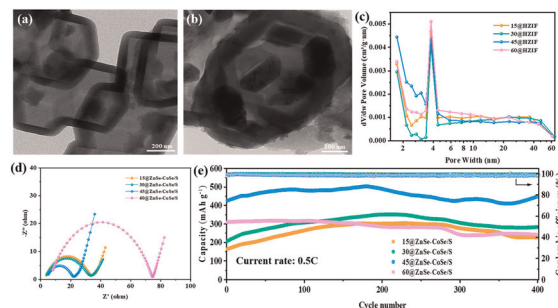
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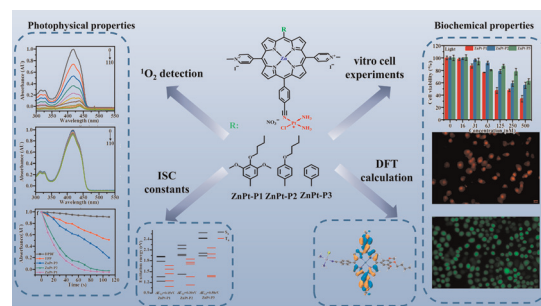
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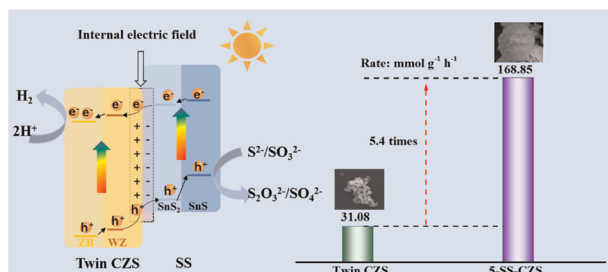
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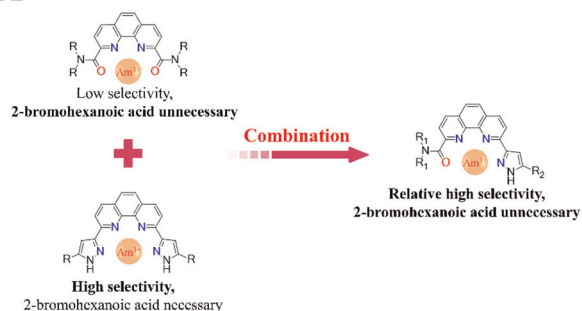
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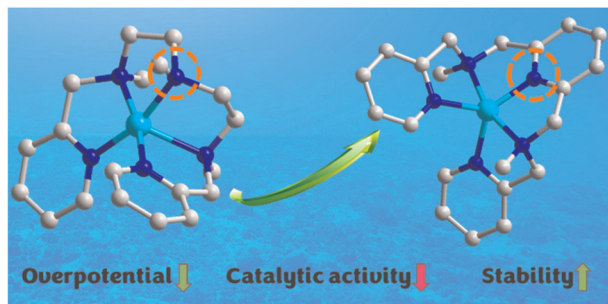
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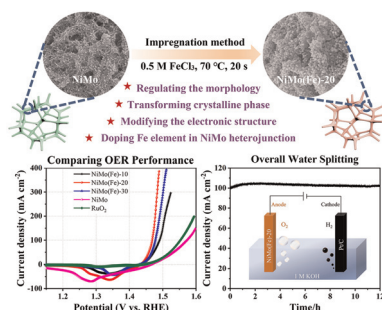
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Fe-induced crystalline-amorphous interface engineering of a NiMo-based heterostructure for enhanced water oxidation

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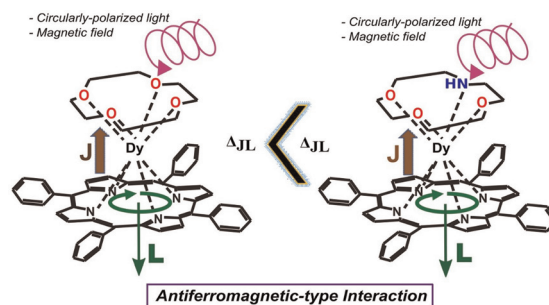


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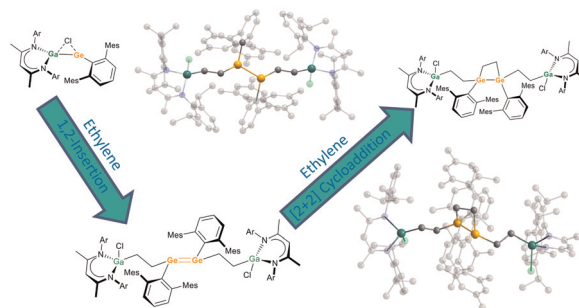
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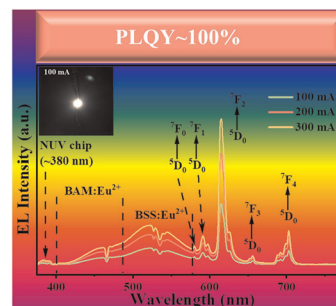
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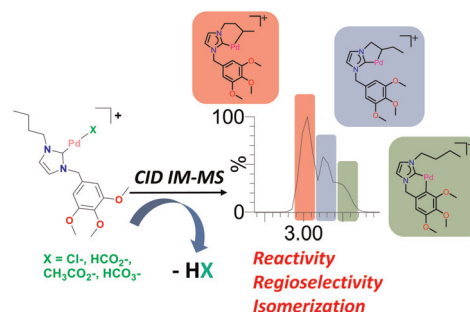
Hong Li, Li Li,* Lingsong Mei, Wei Zhao, Xianju Zhou, Yongbin Hua and Jae Su Yu*



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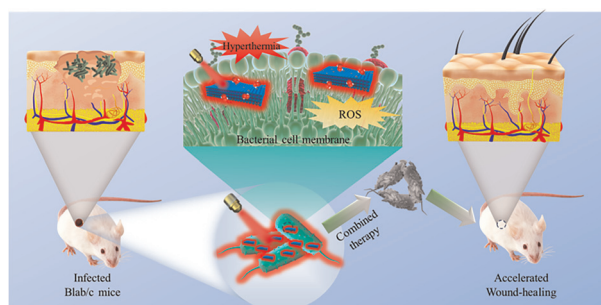
Ion mobility mass spectrometry uncovers regioselectivity in the carboxylate-assisted C–H activation of palladium N-heterocyclic carbene complexes

Laura Ibáñez-Ibáñez, Andres Mollar-Cuni, Edmond Apaloo-Messan, Akhilesh K. Sharma, Jose A. Mata,* Feliu Maseras* and Cristian Vicent*



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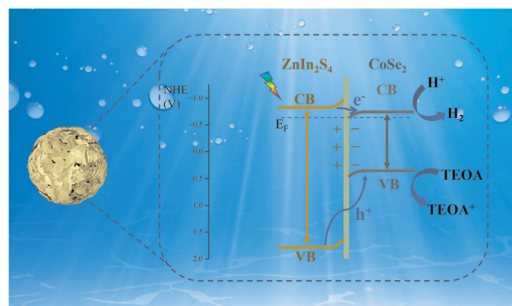
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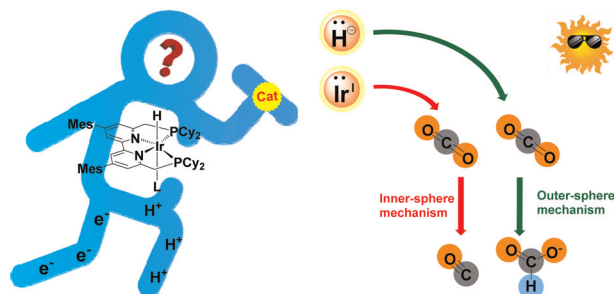
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Construction of core-shell CoSe₂/ZnIn₂S₄ heterostructures for efficient visible-light-driven photocatalytic hydrogen evolution

Yuhan Xie, Boyu Dong, Xuemin Wang, Siyuan Wang, Jinxi Chen and Yongbing Lou*

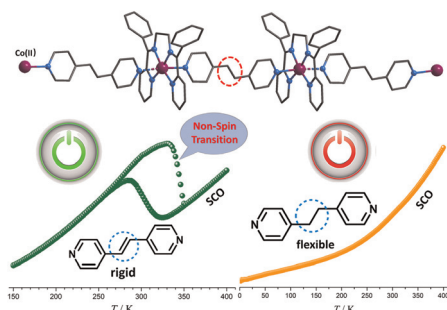
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Yi-Fei Deng, Yi-Nuo Wang, Xin-Hua Zhao and Yuan-Zhu Zhang*

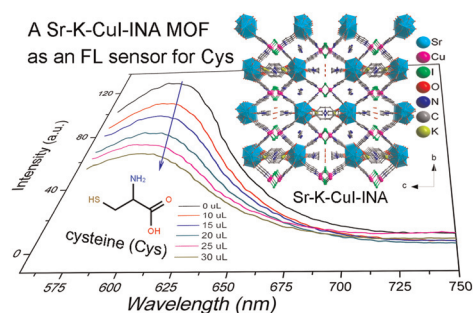


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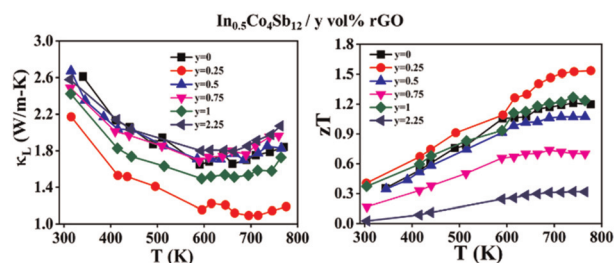
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Enhanced thermoelectric properties of In-filled Co_4Sb_{12} by dispersion of reduced graphene oxide

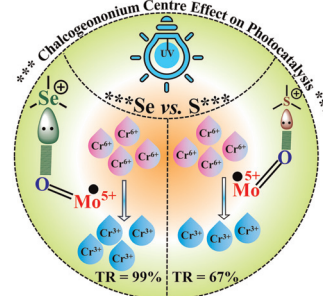
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Aryl selenonium vs. aryl sulfonium counterions in polyoxometalate chemistry: the impact of Se^+ cationic centers on the photocatalytic reduction of dichromate

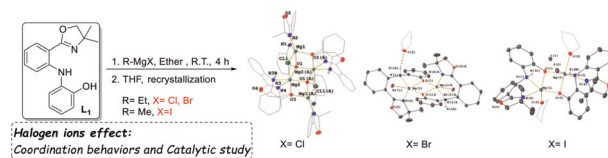
Mahender Singh, Aakash Yadav, Ranjit Singh and Chullikkattil P. Pradeep*



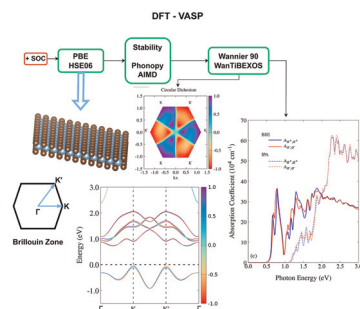
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Grignard reagents as deprotonation agents for oxazoline-amido-phenolate ligands: structural and catalytic implications with the role of halogen ions

Ming-Tsz Chen,* Pei-Zheng Wu, Chi-Chung Liao, Kai-Wei Hung and Pin-Chi Shen



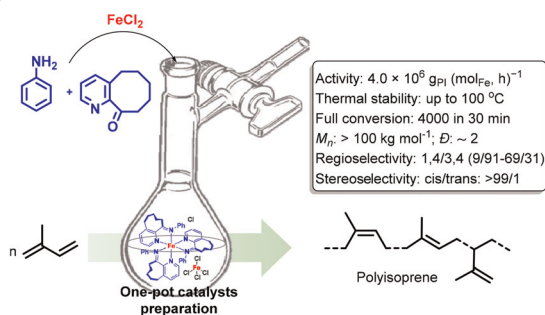
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Promising TMDC-like optical and excitonic properties of the TiBr_2 2H monolayer

André L. de O. Batista, João Marcos T. Palheta, Maurício J. Piotrowski,* Celso R. C. Rêgo, Diego Guedes-Sobrinho and Alexandre C. Dias*

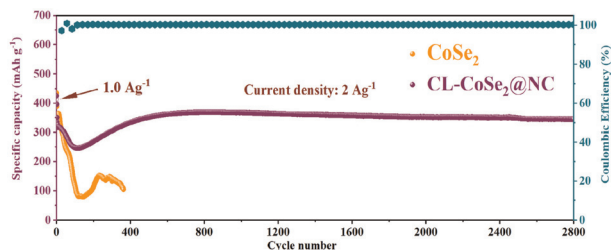
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Enhancing isoprene polymerization with high activity and adjustable monomer enchainment using cyclooctyl-fused iminopyridine iron precatalysts

Nighat Yousuf, Yanping Ma,* Qaiser Mahmood,* Wenjuan Zhang,* Yizhou Wang, Hassan Saeed and Wen-Hua Sun*

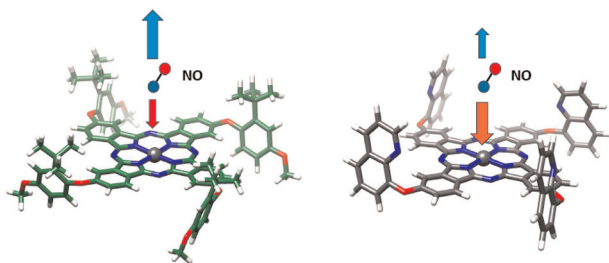
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Coral-like CoSe_2 @N-doped carbon with a high initial coulombic efficiency as advanced anode materials for Na-ion batteries

Zhiya Lin, Jiasheng Wu, Qianwen Ye, Yulong Chen, Hai Jia, Xiaohui Huang* and Shaoming Ying*

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The control of nitric oxide dynamics and interaction with substituted zinc-phthalocyanines

Nassim Ben Brahim, Sarra Touaiti, Julien Sellés, Jean-Christophe Lambry and Michel Negrier*

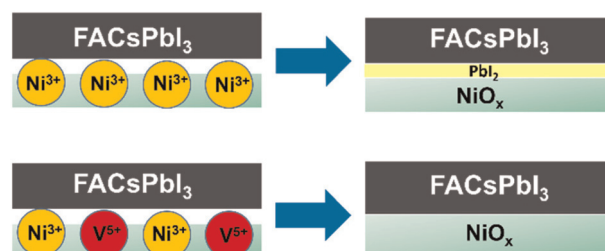


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Critical role of dopant in NiO_x hole transport layer for mitigating redox reactivity at NiO_x /absorber interface in mixed cation perovskite solar cells

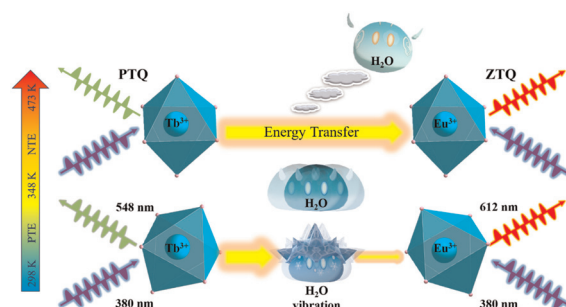
Vidya Sudhakaran Menon, Saraswathi Ganesan, Rohith Kumar Raman, Ananthan Alagumalai and Ananthanarayanan Krishnamoorthy*



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Simultaneously tuning the luminescent color and realizing an optical temperature sensor by negative thermal expansion in $\text{Sc}_2(\text{WO}_4)_3\text{:Tb/Eu}$ phosphors

Biao Fu, Haokun Yan, Renfu Li, Ziqian Liao, Bao Qiu,* Guoliang Gong, Haiping Huang, Yijian Sun, He-Rui Wen and Jinsheng Liao*



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Syntheses, characterization, crystal structures and applications as sensitizers in solar cells of novel heteroleptic Cu(I) complexes containing nitrile-substituted 2,2'-bipyridyl ligands

Federico M. A. Tomás, Natalia L. Calvo, Nadia C. Vega, Faustino E. Morán Vieyra, Daniel R. Vega, David Comedi, Néstor E. Katz and Florencia Fagalde*

