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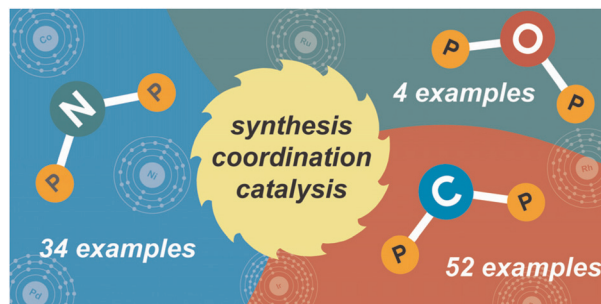
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Chiral single-atom-bridged diphosphorus ligands: synthesis, complexation and catalysis

Javier Eusamio and Arnald Grabulosa*

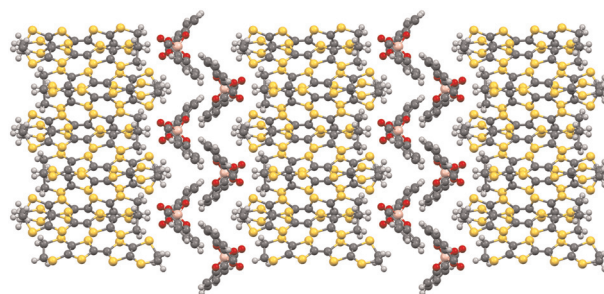


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Chirality in molecular conductors from enantiopure or racemic coordination complexes

Lee Martin,* John D. Wallis and Joseph O. Ogar



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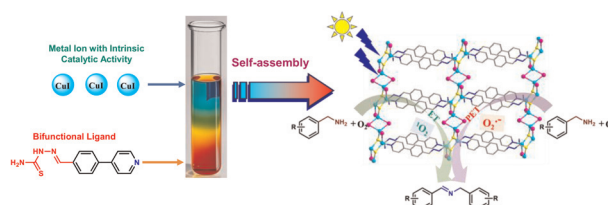
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Visible-light harvesting 2D copper-cluster-based MOFs as efficient ROS generators for selective oxidation of amines

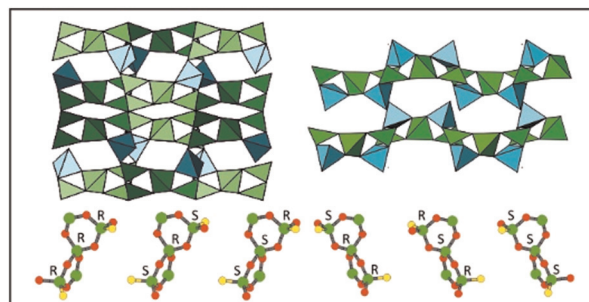
Huilin Huang,* Qiong Yang, Kun Yao, Wenchao Geng and Xu Jing*



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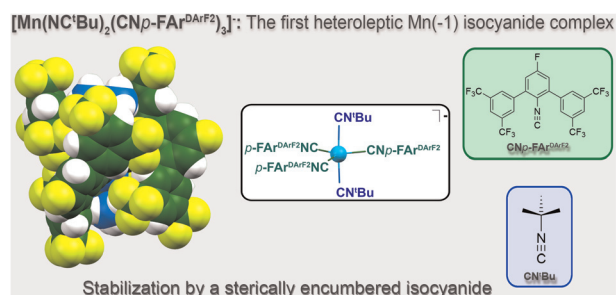
Sergey Volkov, Xia Yang, Vadim Kireev, Alexander Banaru, Shujuan Han,* Alevtina Gosteva, Maxim Arsent'ev, Dmitri Charkin, Alexey Povolotskiy, Yevgeny Savchenko, Maria Krzhizhanovskaya, Stepan Vorobiev, Yulia Vaitieva, Sergey Aksenov and Fangfang Zhang*



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A mixed isocyanide Mn(I) complex and its reduction to a metallate

Guilhem Claude, Mathias A. Ellwanger, Adam Grippo, Ritchie Hernandez, Joshua R. Figueroa* and Ulrich Abram*



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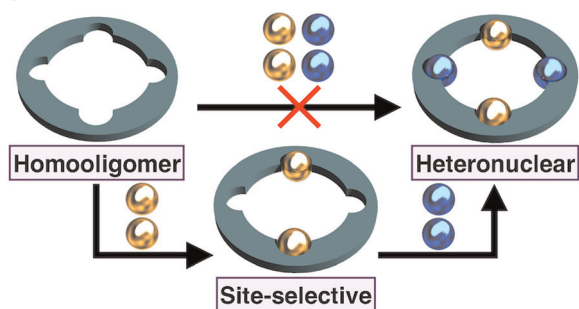
Bulkiness effect dependent photosaltant behaviours of photoactive cadmium coordination polymers

Qing-Shu Dong, Ning Wang, David James Young, Fei-Long Hu* and Yan Mi*



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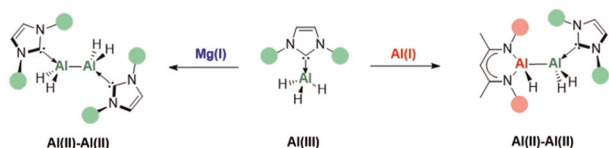
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Selective synthesis of a heterotetranuclear complex from a macrocyclic ligand with multiple identical chelating units

Kota Seki and Takashi Nakamura*

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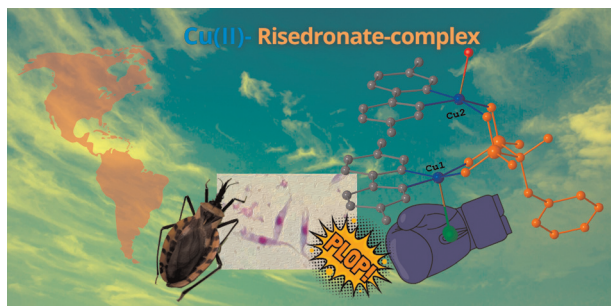


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Fáinche Murphy, Alan R. Kennedy and Catherine E. Weetman*

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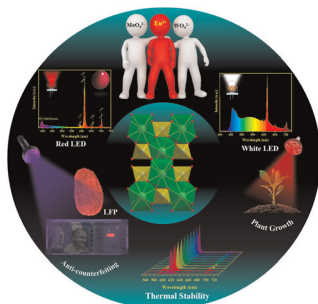
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Highly efficient red/orange-red emitting Eu^{3+} and $\text{Sm}^{3+}/\text{Eu}^{3+}$ co-doped phosphors with their versatile applications

Priyadarshini Pradhan and Sivakumar Vaidyanathan*

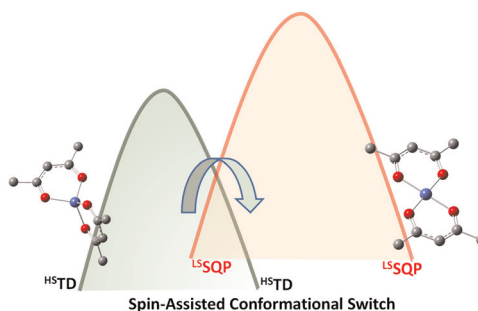


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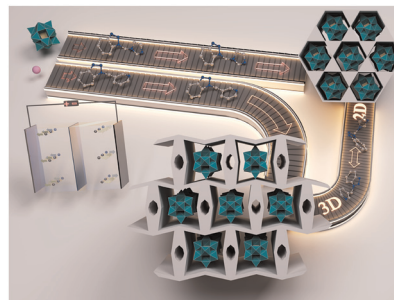
Shalini Joshi, Sabyasachi Roy Chowdhury and Sabyashachi Mishra*



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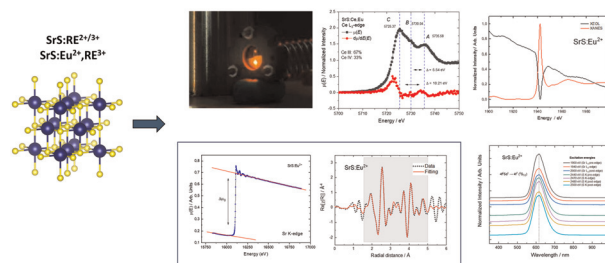
Zhe Sun, Xiaojing Yu,* Qingfang Zhen, Tingting Yu,* Xinming Wang, Guixin Yang, Yongbin Song and Haijun Pang*



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Probing structural defects and X-ray induced persistent luminescence mechanisms on rare earth-doped strontium sulfide materials

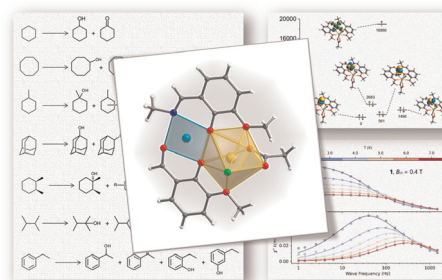
Karina T. Fonseca, Danilo O. A. Santos, Fernando A. Garcia and Lucas C. V. Rodrigues*



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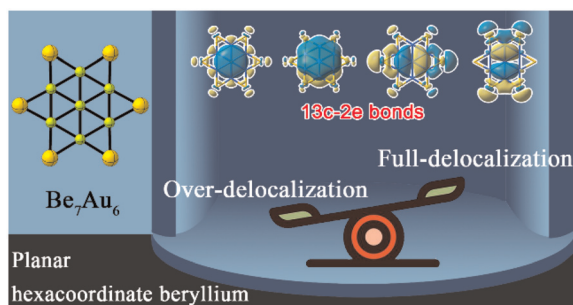
Heterometallic CuCd and Cu_2Zn complexes with o-vanillin and its Schiff-base derivative: slow magnetic relaxation and catalytic activity associated with $\text{Cu}(\text{II})$ centres

Olga Yu. Vassilyeva,* Oksana V. Nesterova,* Alina Bieńko, Urszula K. Komarnicka, Elena A. Buvaylo, Svitlana M. Vasylieva, Brian W. Skelton and Dmytro S. Nesterov*



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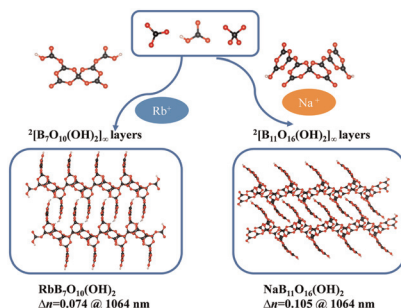
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Bo Jin,* Zai-Ran Wang and Ying-Jin Wang

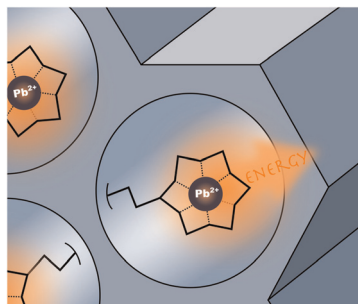
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Yujing Zheng, Ke Li, Ling Huang* and Fangfang Zhang*

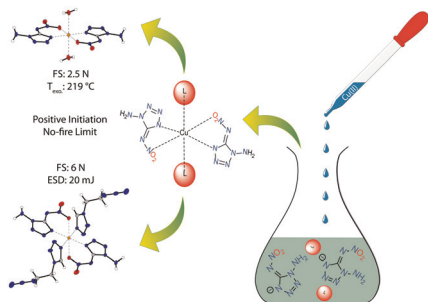
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Constructing chelating organic macrocycles inside the pores of hybrid mesoporous silica to intensify the toxic metal recovery ability

Xiaoqing Ma* and Mauricio A. Melo*

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Maximilian Benz, Simon M. J. Endraß,
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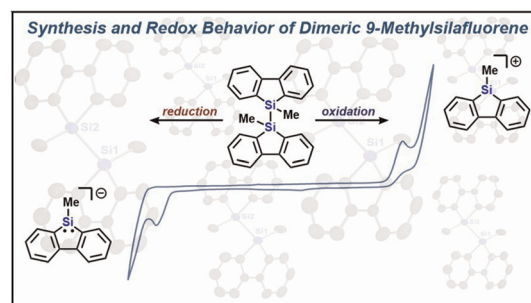


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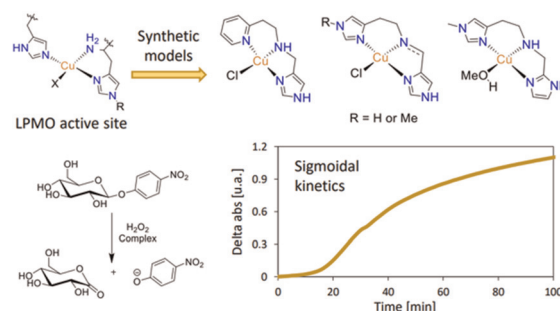
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Influence of imidazole functionalization on the properties of small molecule models of the LPMO active site

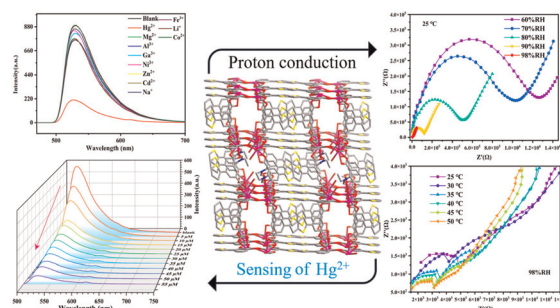
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A multifunctional material of a terbium-based metal–organic framework showing fluorescence detection of Hg²⁺ and proton conductivity

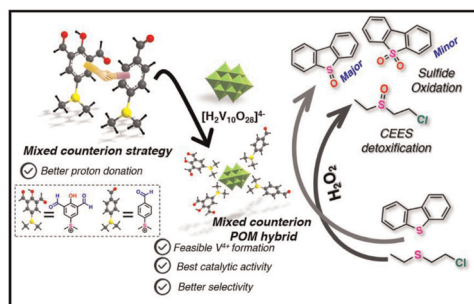
Tian-Zheng Xiong, Miao-Miao Wang, Tai-Lin Ren, Jun-Jie Hu,* Chen Cao and He-Rui Wen*



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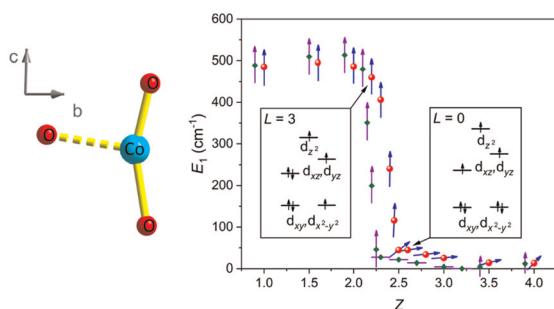
Modulating the catalytic properties of decavanadate hybrids using a mixed counterion strategy for selective oxidation of thiophene-based sulfides and detoxification of mustard gas simulant

Kousik Routh, Aranya Kar and Chullikkattil P. Pradeep*



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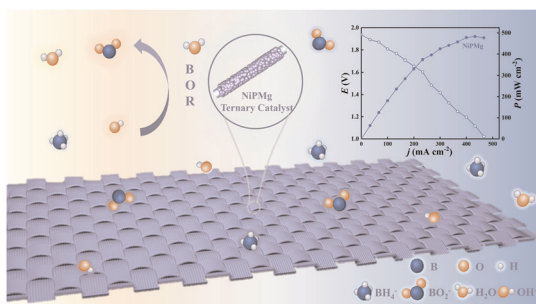
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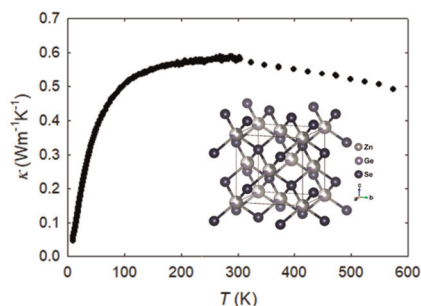
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A high-performance NiPMg ternary anode catalyst for direct borohydride fuel cells

Caini Yi, Jinliang Cai, Qianling Song, Shaojie Jing, Hang Yang, Xiaolong Hou, Guimiao Wang, Shuo Wang, Changguo Chen, YuPing Liu, Danmei Yu* and Xiaoyuan Zhou*

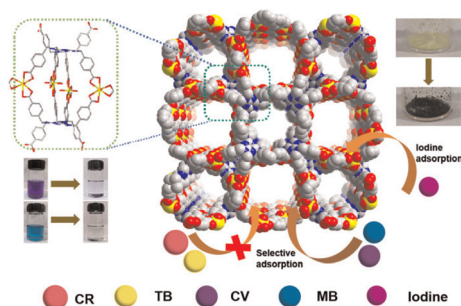
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A uranyl-based metal-organic framework featuring an eight-connected U₄L₂ cage for guest capture

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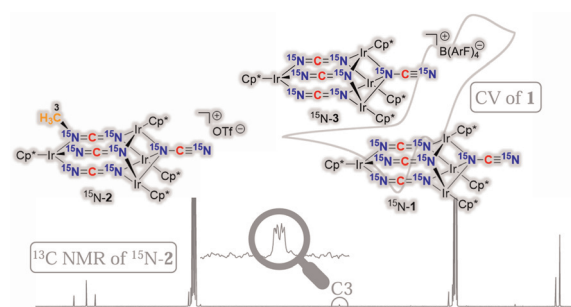


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Synthesis and characterization of ^{15}N -labeled tetranuclear Ir complexes via $\text{Li}_2\text{C}^{15}\text{N}_2$

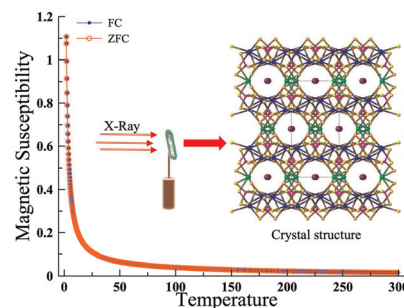
Xuechao Yan, Shu-Xiao Ji, Shengyuan Zhang, Qianru Wang,* Jianping Guo, Ping Chen, Zhenfeng Xi and Junnian Wei*



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Synthesis of a series of rare-earth-based multi-anion chalcogenide iodides $\text{RE}_3\text{Si}_2\text{Se}_x\text{S}_{8-x}\text{I}$ (RE = La, Ce, Pr, and Nd) using the flux-assisted boron–chalcogen mixture method

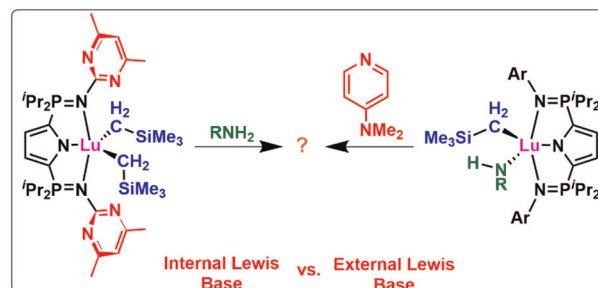
Gopabandhu Panigrahi, Habiba Binte Kashem, Gregory Morrison and Hans-Conrad zur Loye*



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Alkylamido lutetium complexes as prospective lutetium imido precursors: synthesis, characterization and ligand design

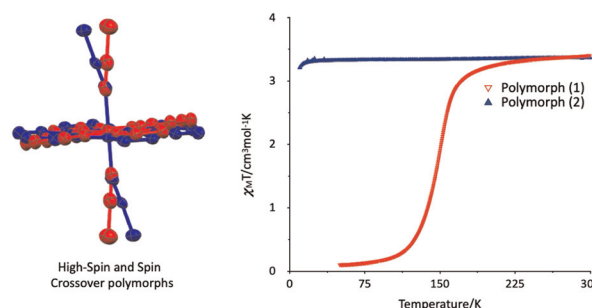
Jackson P. Knott, Shou-Jen Hsiang and Paul G. Hayes*



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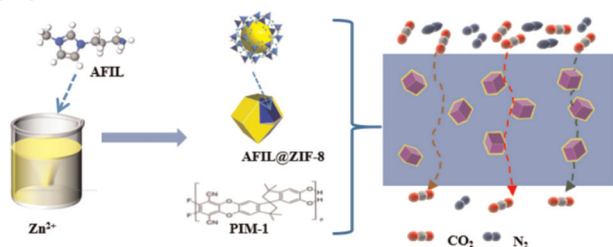
Angle-dependent spin crossover properties in polymorphic iron(II) complexes based on pyridine–triazole derivatives

Emmelyne Cuza,* Nicolas Delsuc, Jérôme Marrot, William Shepard, Clotilde Policar, Christian Serre and Antoine Tissot*



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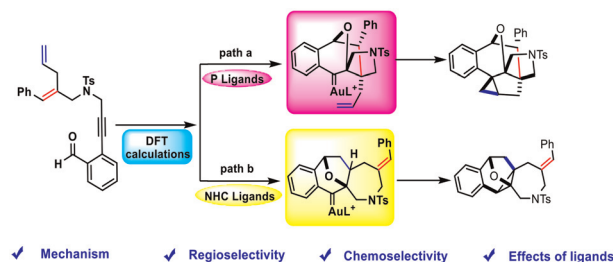
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Amino-ionic liquid-assisted highly compatible mixed matrix membranes of ZIF-8 and PIM-1 for efficient CO₂/N₂ separation

Zhaojie Wang, Xinle Sun, Qinglong Liu, Caifeng Xia, Qikang Yin, Siyuan Liu, Xiaoqing Lu and Hongyu Chen*

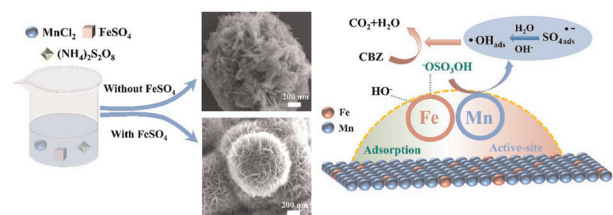
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Exploring the role of ligands in gold(I)-catalyzed cyclizations: insights from density functional theory

Yanyun Dong, Simeng Qi, Jiacheng Fan, Lizi Yang* and Ran Fang*

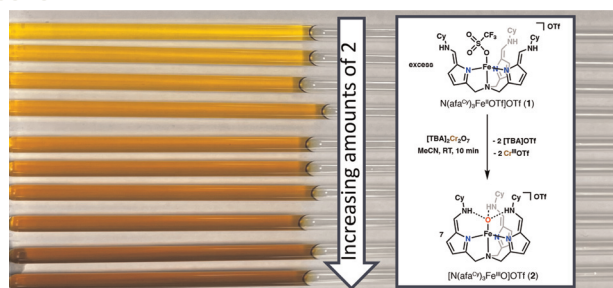
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Metal ion-modulated synthesis of γ -MnO₂ nanosheet for catalytic oxidative degradation of clomiprazole

Jinlian Zhang, Yu Xie, Xinli Zhang, Yuanhong Zhong, Ming Sun* and Lin Yu

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A biologically inspired iron complex for the homogeneous reduction of Cr(VI) to Cr(III)

Kelly L. Gullett, Jewelianna M. Moore, Courtney L. Ford and Alison R. Fout*

