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See Yann Garcia *et al.*,
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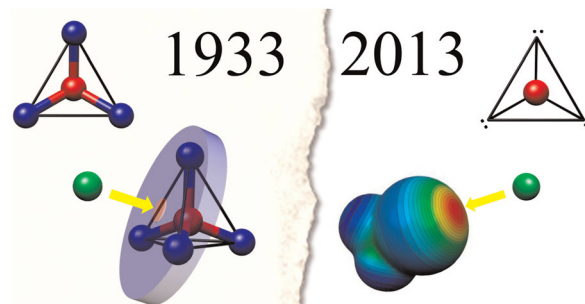
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Ye Olde supramolecular chemistry, its modern rebranding and overarching trends in chemistry

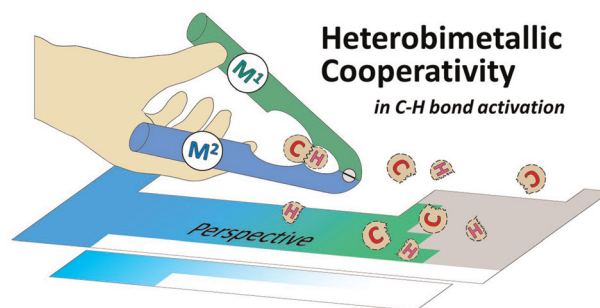
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Cooperative activation of carbon–hydrogen bonds by heterobimetallic systems

Abdelhak Lachgar, Andrey V. Pichugov, Till Neumann,
Zachary Dubrawski and Clément Camp*



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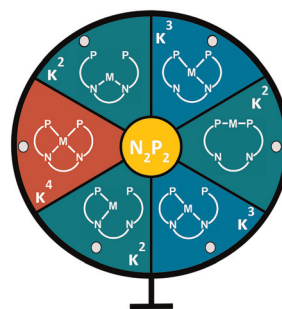
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1410

Kappa what? Insights into the coordination modes of N_2P_2 ligands

Elodie E. Marlier

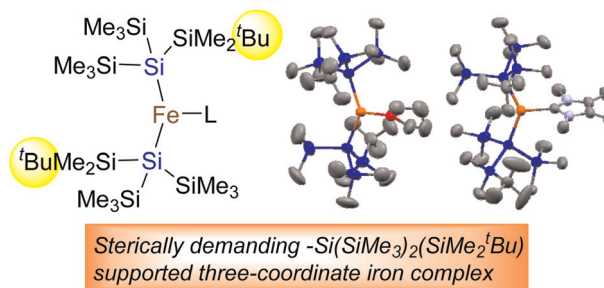


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Planar three-coordinate iron(II) complexes supported by sterically demanding $-Si(SiMe_3)_2(SiMe_2^tBu)$ ligands

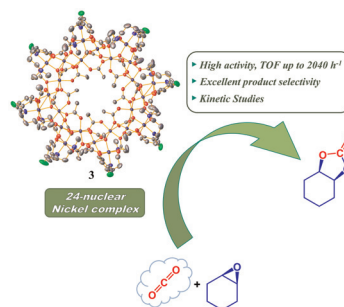
Reon Ishii and Yusuke Sunada*



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Tetracosanuclear nickel complexes as effective catalysts for cycloaddition of carbon dioxide with epoxides

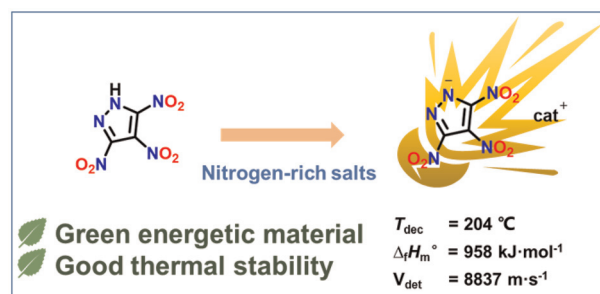
Guan-Lin Liu, En-Hsu Wu, Yu-Ching Hung, Wei-Chi Chou, Chia-Hsin Hung, Chu-Chieh Lin* and Bao-Tsan Ko*



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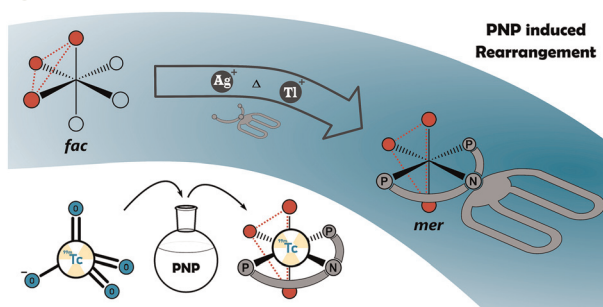
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Chenchen Lin, Pingping Yi, Xiaoyi Yi, Piao He,* Tingwei Wang and Jianguo Zhang



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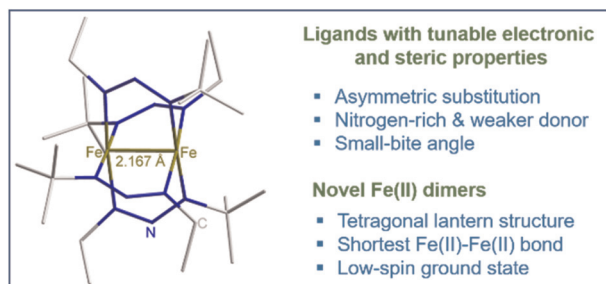
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Induced *fac*–*mer* rearrangements in $\{M(\text{CO})_3\}^+$ complexes ($M = \text{Re}, {}^{99\text{(m)}}\text{Tc}$) by a PNP ligand

Manuel Luca Besmer,* Flurina Schwitter, Federica Battistin, Henrik Braband, Thomas Fox, Bernhard Spingler and Roger Alberto

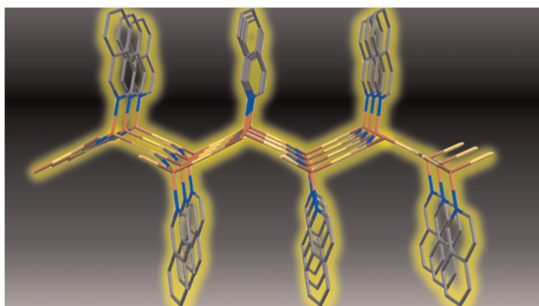
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N-Alkyl substituted triazenide-bridged homoleptic iron(II) dimers with an exceptionally short Fe–Fe bond

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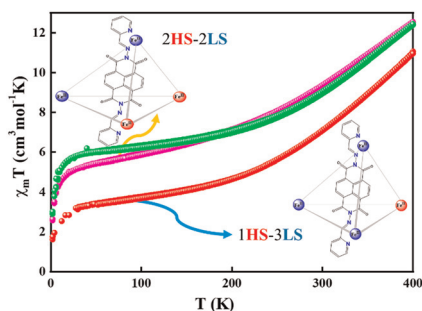


A copper(I) thiocyanate-based photoresponsive semiconducting 2D coordination polymer

Tomoki Nishiyama, Hirotaka Kitoh-Nishioka, Senku Tanaka, Masahiko Maekawa, Takayoshi Kuroda-Sowa, Masaki Yoshida, Masako Kato and Takashi Okubo*

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Spin-state versatility in Fe_4L_6 supramolecular cages with a pyridyl-hydrazone ligand scaffold modulated by solvents and counter anions

Weiyang Li, Xiaochun Li, Koen Robeyns, Mariusz Wolff, Joseph Kfoury, Julianna Oláh, Radovan Herchel, Serhiy Demeshko, Franc Meyer and Yann Garcia*

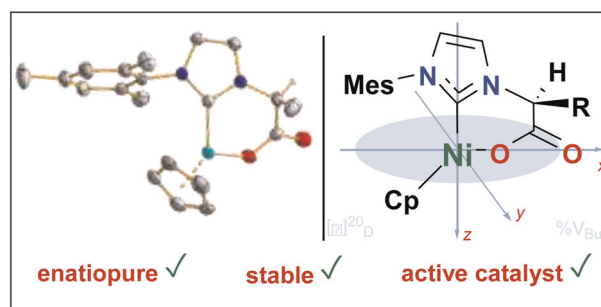


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Half-sandwich Ni(II) complexes bearing enantiopure bidentate NHC-carboxylate ligands: efficient catalysts for the hydrosilylative reduction of acetophenones

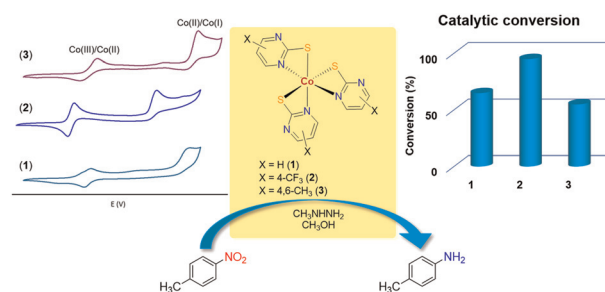
Jorge Sanz-Garrido, Avelino Martín, Camino González-Arellano* and Juan C. Flores*



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Synergy of redox-activity and hemilability in thioamidato cobalt(III) complexes for the chemoselective reduction of nitroarenes to anilines: catalytic and mechanistic investigation

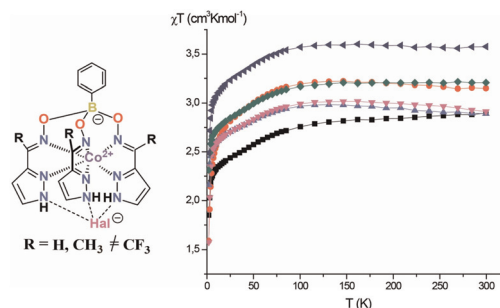
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Effects of solvatomorphism, the nature of a chelating ligand synthon and a counterion on the single crystal XRD structure and SMM properties of paramagnetic monocapped cobalt(II) tris-pyrazoloximates

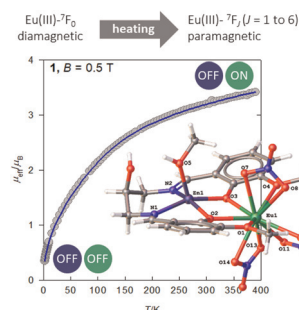
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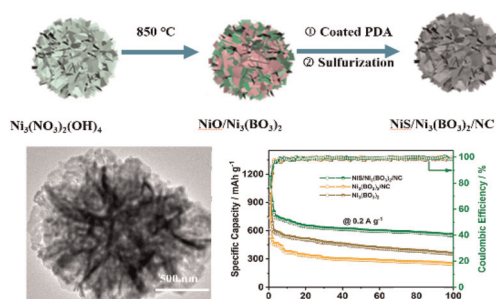
Magnetic properties of a europium(III) complex – possible multiplet crossover

Romana Mičová, Zuzana Bielková, Cyril Rajnák*, Ján Titiš, Ján Moncol, Alina Bieňko and Roman Boča



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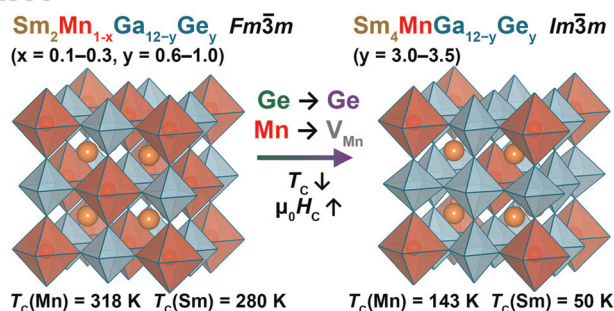
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Rational design of N-doped C-encapsulated flower-like nickel-based heterostructured microspheres anodes for high-capacity and stable lithium storage

Zhicheng Yu, Shahriman Zainal Abidin,* Natrina Mariane P. Toyong and Xiaojun Zhao*

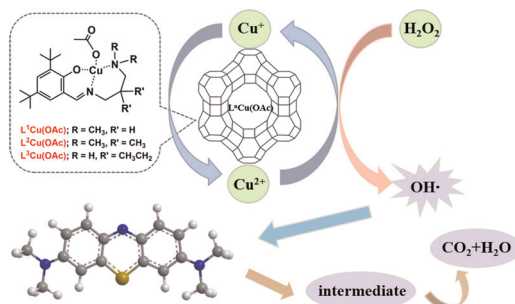
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Interplay of two magnetic sublattices in related compounds $\text{Sm}_2\text{Mn}_{1-x}\text{Ga}_{12-y}\text{Ge}_y$ ($x = 0.1-0.3$, $y = 0.6-1.0$) and $\text{Sm}_4\text{MnGa}_{12-y}\text{Ge}_y$ ($y = 3.0-3.5$) with different ordering of empty and filled $(\text{Ga},\text{Ge})_6$ octahedra

Aleksandr Kulchu, Roman A. Khalaniya,* Andrei V. Mironov, Alexey V. Bogach, Sergey M. Aksenov, Konstantin A. Lyssenko and Andrei V. Shevelkov

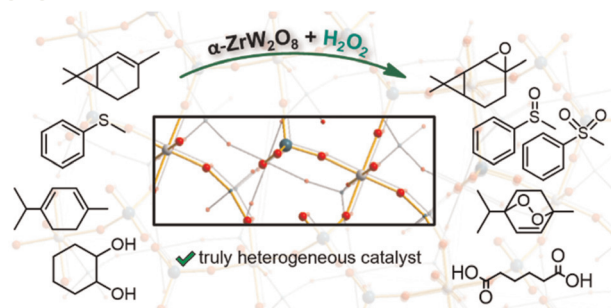
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Zeolite-encapsulated copper(II) complexes with NNO-tridentate Schiff base ligands: catalytic activity for methylene blue (MB) degradation under near neutral conditions

Shuyu Li,* Die Wu, Xiting Wang, Jiaxing Xiong, Li Zhang* and Kaili Ma*

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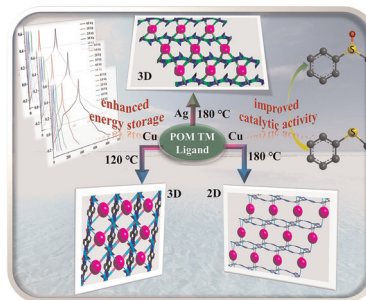


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Bifunctional 3D POM-based coordination polymers for improved pseudocapacitance and catalytic oxidation performance

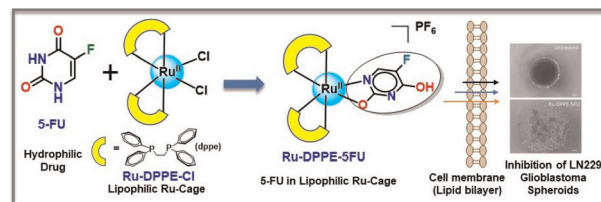
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Hyphenation of lipophilic ruthenium(II)-diphosphine core with 5-fluorouracil: an effective metallodrug against glioblastoma brain cancer cells

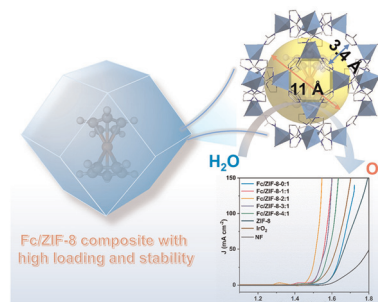
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Immobilization of ferrocene and its derivatives within metal–organic frameworks with high loadings toward efficient oxygen evolution reaction

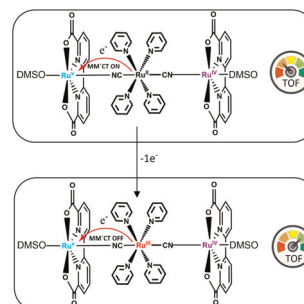
Shulin Li, Xiangyang Shanguan, Zhaoxin Zhou, Wenyue Niu, Yajing Zhang, Xiaonan Wang, He Zhu, Guoguo Liu, Kangjun Wang* and Guangli Yu*



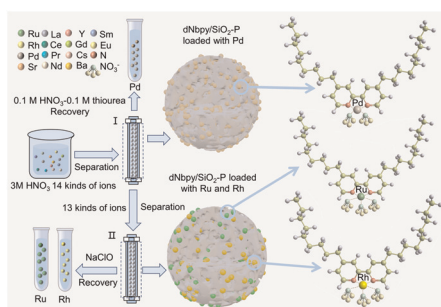
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Coupling between two Ru(bda) catalysts bridged by a *trans*-dicyano complex

Pedro O. Abate, Virginia M. Juárez and Luis M. Baraldo*



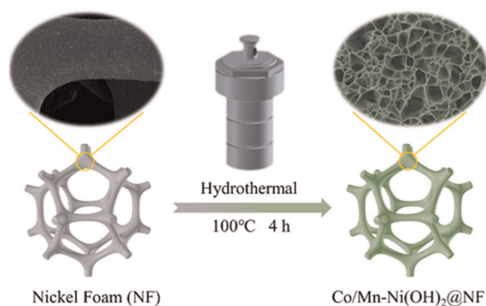
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Precise stepwise recovery of platinum group metals from high-level liquid wastes based on SDB polymer-modified SiO₂

Kun Wu, Shunyan Ning,* Xiangbiao Yin,* Sizhi Xu, Yilai Zhong, Zengyuan Li, Lifeng Chen, Mohammed F. Hamza, Toyohisa Fujita and Yuezhou Wei

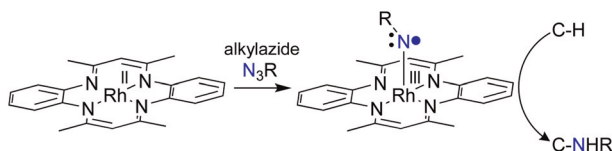
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Dual cation-modified hierarchical nickel hydroxide nanosheet arrays as efficient and robust electrocatalysts for the urea oxidation reaction

Fang Miao, Peng Cui,* Tao Gu, Shijie Yu, Zhijie Yan* and Guangtong Hai

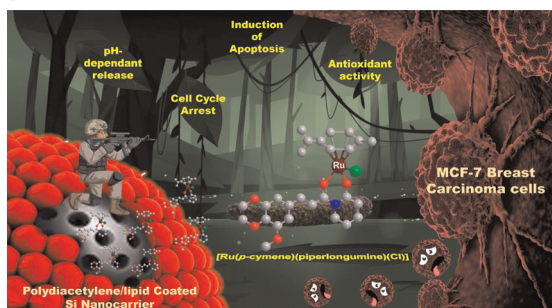
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A rhodium(II)/rhodium(III) redox couple for C–H bond amination with alkylazides: a rhodium(III)–nitrenoid intermediate with a tetradentate [14]-macrocyclic ligand

Hideki Sugimoto,* Megumu Sakaida, Yoshihito Shiota, Mayuko Miyanishi, Yuma Morimoto, Kazunari Yoshizawa* and Shinobu Itoh*

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Polydiacetylene/lipid-coated red-emissive silica nanorods for the sustained release and ameliorated anticancer efficacy of a Ru(arene) complex bearing piperlongumine natural product

Wickneswaran Ishaniya, Chezhiyan Sumithaa, Muthuraman Subramani, Aswathy Karanath-Anilkumar, Ganesh Munuswamy-Ramanujam, Arumugam Madan Kumar, Saravanakumar Rajendran and Mani Ganeshpandian*

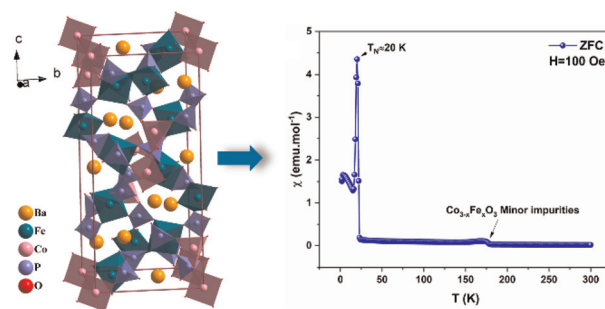


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A novel phosphate with Co^{II} square planar coordination, BaCo_{0.5}Fe(PO₄)₂: structural and magnetic features

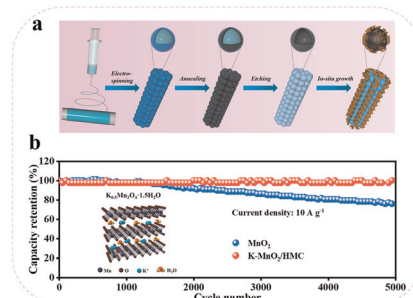
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K-birnessite-MnO₂/hollow mulberry-like carbon complexes with stabilized and superior rate performance for aqueous magnesium ion storage

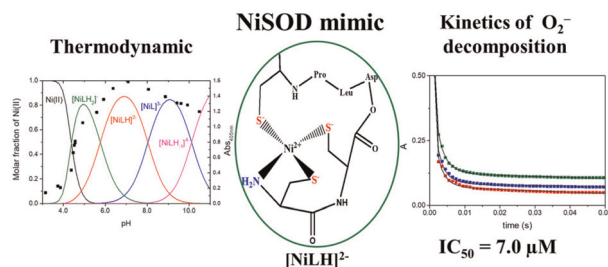
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The role of the terminal cysteine moiety in a metalloprotein mimicking the active site of the NiSOD enzyme

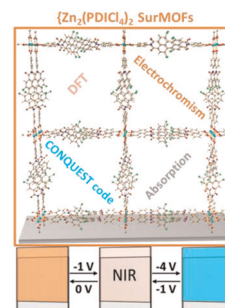
Dóra Bonczidai-Kelemen, Klaudia Tóth, István Fábián and Norbert Lihi*



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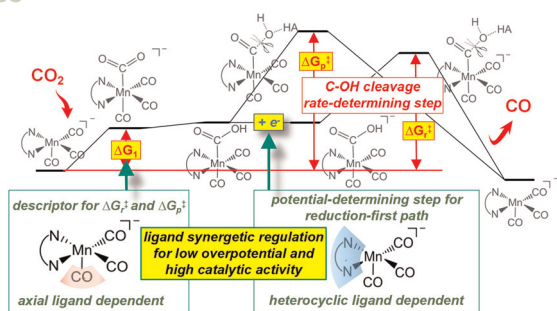
Insight into the generation of near infra-red (NIR) absorbing species in electrochromic surface-anchored metal–organic frameworks

Antoine Mazel,* Matteo Fornasari, Josianne Owona, Lionel Truflandier, Frédéric Castet and Aline Rougier*



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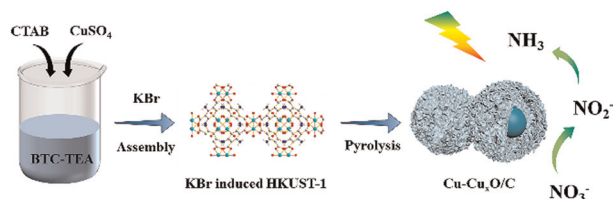
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Mechanistic insights of electrocatalytic CO₂ reduction by Mn complexes: synergistic effects of the ligands

Haitao Sun, Xueqing Liu, Yafeng Li, Fang Zhang, Xiuxiu Huang, Chuanzhi Sun* and Fang Huang*

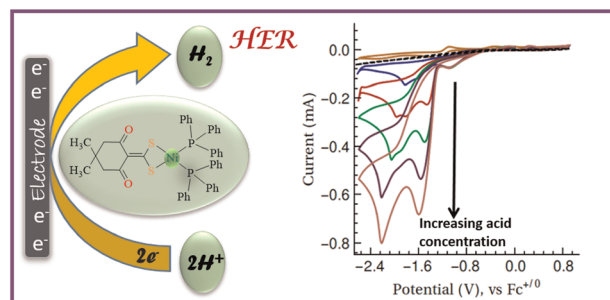
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Mixed-valence Cu-based heterostructures for efficient electrochemical nitrate reduction to ammonia

Jingrui Ye, Yilin Yang, Mengjuan Teng, An Wang, Jiawei Xia, Guangyu He* and Haiqun Chen*

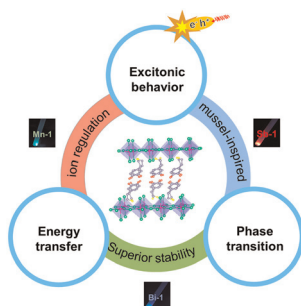
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The rigidity and chelation effect of ligands on the hydrogen evolution reaction catalyzed by Ni(II) complexes

Anjali Mishra, Gaurav Kumar Mishra, Anamika, Nanhai Singh, Rama Kant* and Kamlesh Kumar*

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Dopant effect on the optical and thermal properties of the 2D organic-inorganic hybrid perovskite (HDA)₂PbBr₄

Zhi Lin, Ya-Nan Wu, Si-Yu Xu, Bi-Cui Chen, Pei-Wen Huang, Xing-Hui Qi,* Yang-Peng Lin* and Ke-Zhao Du*

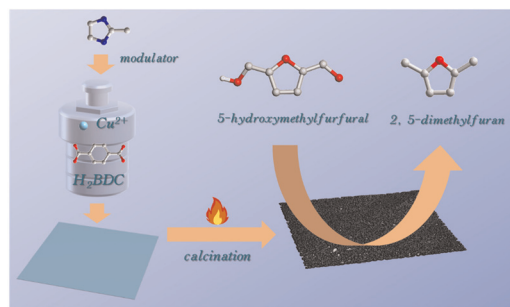


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2-Methylimidazole-modulated 2D Cu metal–organic framework for 5-hydroxymethylfurfural hydrodeoxygenation

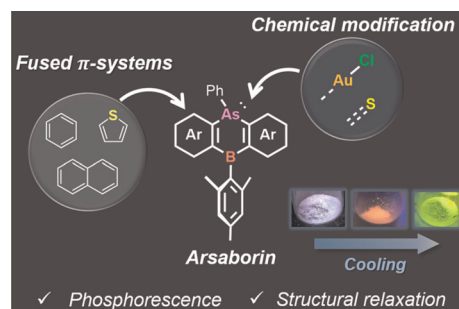
Zhuo-Fei Li, Yan-Ting Li, Qiang Zhang and Tong-Liang Hu*



1706

Synthesis, structures, and photophysical properties of π -extended arsaborins

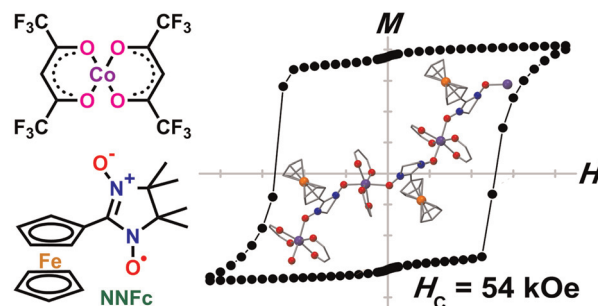
Akifumi Sumida, Tomoharu Onishi, Hiroaki Imoto* and Kensuke Naka*



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Ferrocenyl-substituted nitronyl nitroxide in the design of one-dimensional magnets

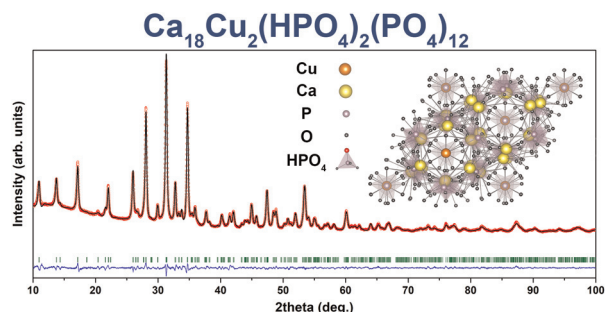
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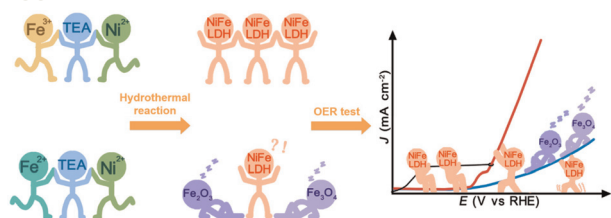
A copper-containing analog of the biomineral whitlockite: dissolution–precipitation synthesis, structural and biological properties

Diana Griesiute, Agne Kizalaite, Arita Dubnika, Vytautas Klimavicius, Vidmantas Kalendra, Vaclav Tyrpekl, Sung Hun Cho, Tomoyo Goto, Tohru Sekino and Aleksej Zarkov*



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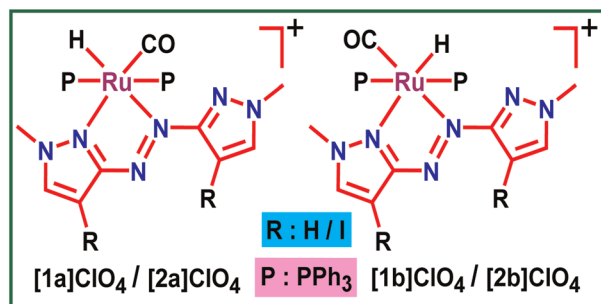
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Synthesis of NiFe-layered double hydroxides using triethanolamine-complexed precursors as oxygen evolution reaction catalysts: effects of Fe valence

Guoqiang Luo, Haoran Feng, Ruizhi Zhang, Yingqiu Zheng,* Rong Tu and Qiang Shen

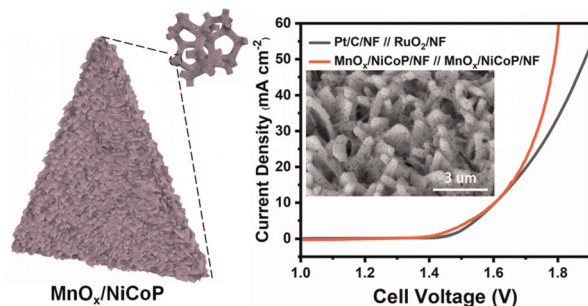
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The isomer-sensitive electrochemical HER of ruthenium(II)-hydrido complexes involving redox-active azoheteroaromatics

Liton Seikh, Suman Dhara, Ajit Kumar Singh, Aditi Singh, Sanchaita Dey,* Arindam Indra* and Goutam Kumar Lahiri*

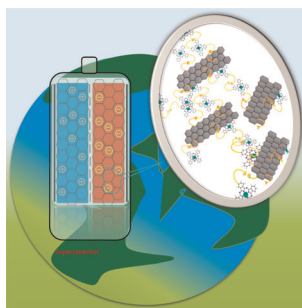
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MnO_x-decorated MOF-derived nickel-cobalt bimetallic phosphide nanosheet arrays for overall water splitting

Zheng Zhang, Lei Han and Kai Tao*

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Supercapacitive properties of carbazole-containing cobalt(II) phthalocyanines/reduced graphene oxide composites

Hacer Yasemin Yenilmez, Özlem Budak, Nazlı Farajzadeh Öztürk, Atıf Koca, Almila Boz, Belkis Ustamehmetoğlu and Zehra Altuntaş Bayır*

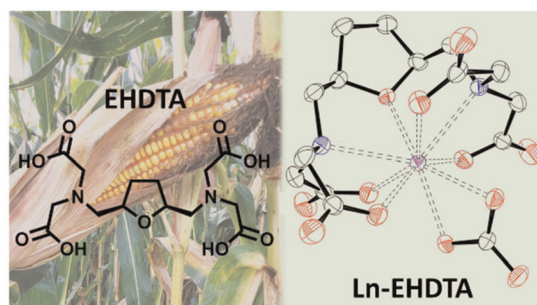


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EHDTA: a green approach to efficient Ln^{3+} -chelators

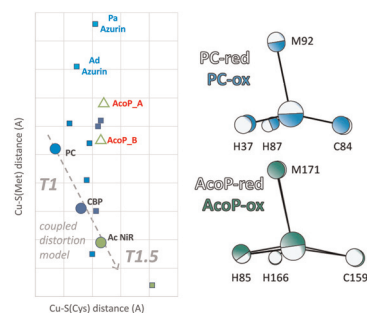
Fabio Travagin, Maria Ludovica Macchia, Toni Grell, Judit Bodnár, Zsolt Baranyai,* Flavia Artizzu, Mauro Botta* and Giovanni B. Giovenzana*



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Beyond the coupled distortion model: structural analysis of the single domain cupredoxin AcoP, a green mononuclear copper centre with original features

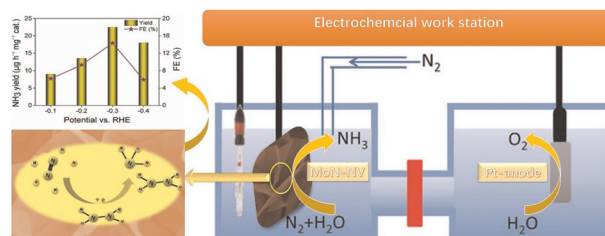
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Nitrogen-vacancy-rich molybdenum nitride nanosheets as highly efficient electrocatalysts for nitrogen reduction reaction

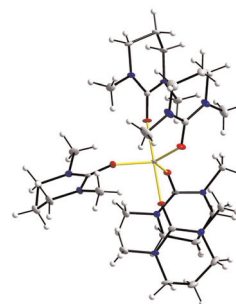
Muhammad Adnan Younis, Saira Manzoor,* Amjad Ali,* Li Guo,* Muhammad Imran Yousaf, Sofia Nosheen, Ahmad Naveed and Naushad Ahmad



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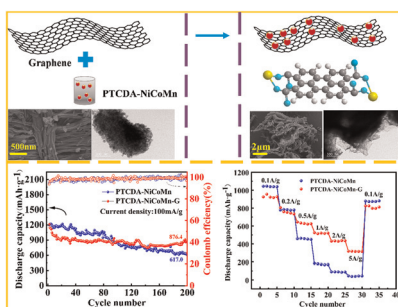
Coordination chemistry effects of the space-demanding solvent molecule N,N' -dimethylpropyleneurea

Daniel Lundberg, Patric Lindqvist-Reis, Krzysztof Łyczko, Lars Eriksson* and Ingmar Persson*



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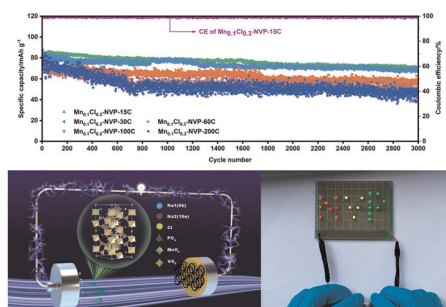
1833



Ni–Co–Mn complexed 3,4,9,10-perylenetetracarboxylic acid complexes as novel organic electrode materials for lithium-ion batteries

Wenfeng Yuan, Mengqian Xu, Lucheng Li, Nei Chen, Qian Zhang and Jun Chen*

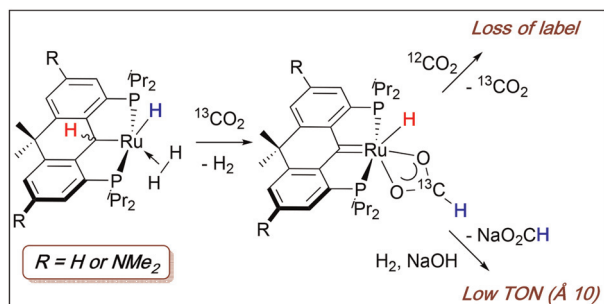
1849



Simultaneous Mn and Cl doping on Na₃V₂(PO₄)₃ with high performance for full sodium-ion batteries

Haodi Dong, Changcheng Liu,* Que Huang* and Yanjun Chen*

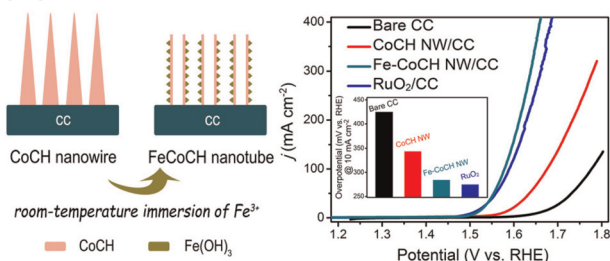
1862



Ruthenium polyhydrides supported by rigid PCP pincer ligands: dynamic behaviour and reactions with CO₂

Laurie J. Donnelly, Jian-Bin Lin, Benjamin S. Gelfand, Chia Yun Chang and Warren E. Piers*

1870



An Fe³⁺ induced etching and hydrolysis precipitation strategy affords an Fe–Co hydroxide nanotube array toward hybrid water electrolysis

Chengyi Lu, Xiao Shi, Juchen Li, Xuefei Wang, Silun Luo, Wenxin Zhu* and Jianlong Wang*

