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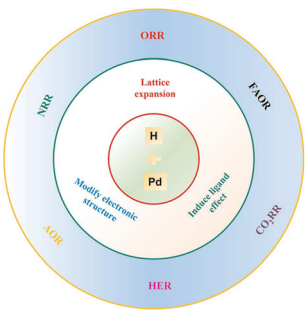
PERSPECTIVE



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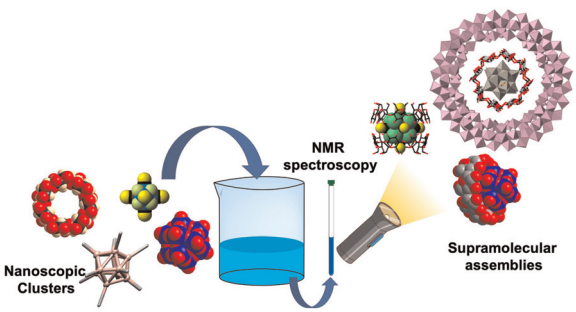

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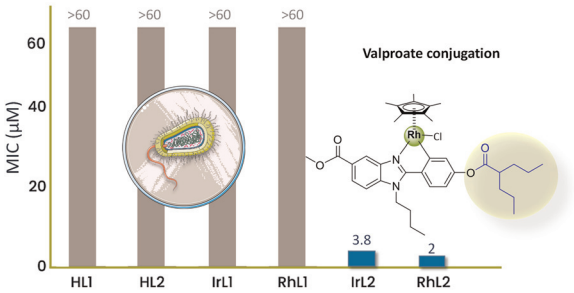
COMMUNICATIONS

13482

Novel valproate half-sandwich rhodium and iridium conjugates to fight against multidrug-resistant Gram-positive bacteria

Alicia Marco, Gloria Vigueras, Natalia Busto,* Natalia Cutillas, Delia Bautista and José Ruiz*



13487

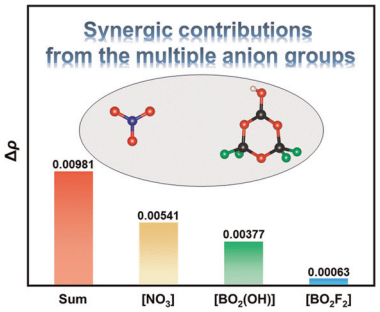
Remote stereocentres do not disrupt the stereochemical coupling in homochiral $[M_2L_3]$ helicates and $[M_4L_6]$ tetrahedra

Rashid G. Siddique, Jacob J. Whittaker, Hydar A. AL-Fayaad, John C. McMurtrie and Jack K. Clegg*

13492

$K_5[B_3O_3F_4(OH)]_2(NO_3)$: the first hydroxyfluorooxoborate-nitrate with a short ultraviolet cutoff edge and large birefringence

Luyong Zhang, Shibin Wang, Fangfang Zhang,* Zhihua Yang and Xueling Hou*



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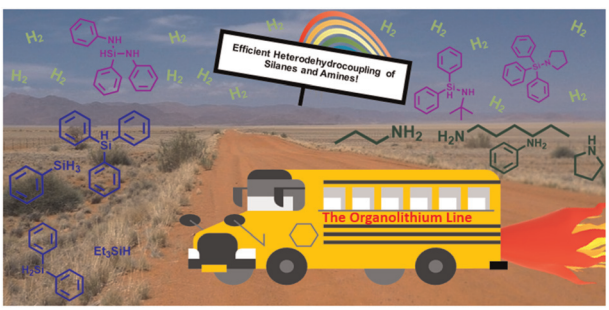
Commercially available organolithium compounds as effective, simple precatalysts for silicon–nitrogen heterodehydrocoupling

Matthew B. Reuter, Claire E. Bushey, Diego R. Javier-Jiménez and Rory Waterman*



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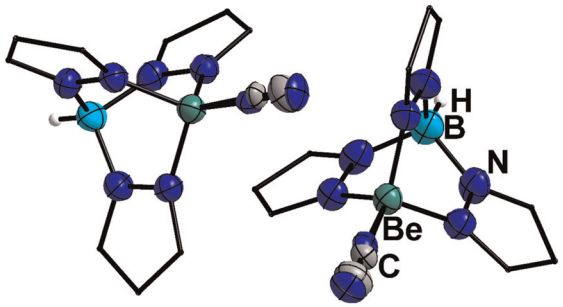
13547

Gauging ambiphilicity of pseudo-halides *via* beryllium-trispyrazolylborato compounds

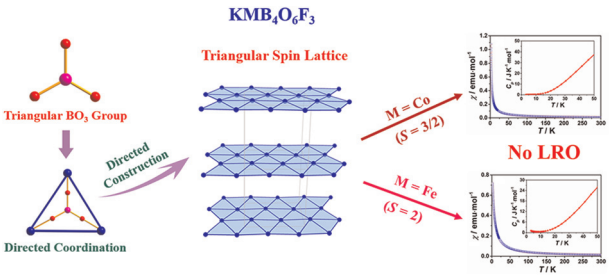
Chantsalmaa Berthold, Matthias Müller, Sergei I. Ivlev, Diego M. Andrada* and Magnus R. Buchner*



13555

$KMB_4O_6F_3$ (M = Co, Fe): two-dimensional magnetic fluorooxoborates with triangular lattices directed by triangular BO_3 units

Yanhong Wang, Shuang Li, Yaling Dou, Hui Li and Hongcheng Lu*



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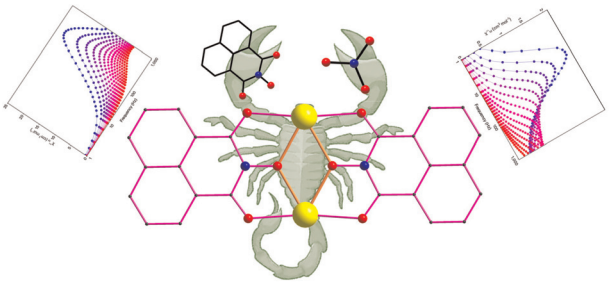
Peripheral site modification in a family of dinuclear $[Dy_2(hynad)_{2-6}(NO_3)_{0-6}(sol)_{0-2}]^{0/2-}$ single-molecule magnets bearing a $\{Dy_2(\mu\text{-}OR)_2\}^{4+}$ diamond-shaped core and exhibiting dissimilar magnetic dynamics

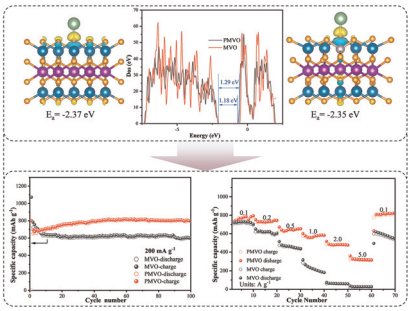
Alexandros S. Armenis, Dimitris I. Alexandropoulos, Anne Worrell, Luís Cunha-Silva, Kim R. Dunbar and Theocharis C. Stamatatos*



13578

P-doping boosting electronic properties and ionic kinetics of MnV_2O_6 for high-performance lithium-ion batteries

Zheng Wu, Lang Zhang,* Sui Peng, Jianhong Yi and Dong Fang*



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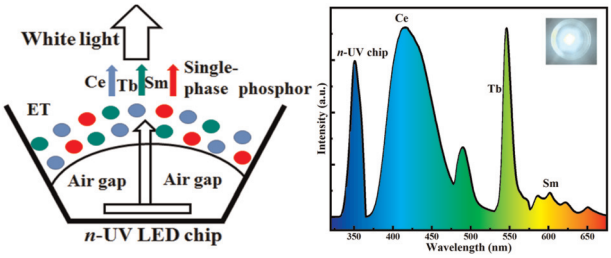
Structure and luminescence properties of single-component melilite $Sr_2MgSi_2O_7$:Ce/Tb/Sm for *n*-UV *w*LEDs

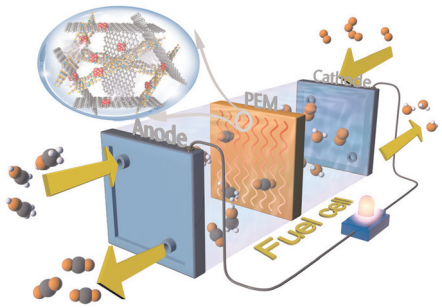
X. Z. Zheng, L. Yue, C. Wang, P. J. Xia, M. Xu and W. B. Dai*



13644

Immobilizing ultrasmall Pt nanocrystals on 3D interweaving BCN nanosheet-graphene networks enables efficient methanol oxidation reaction

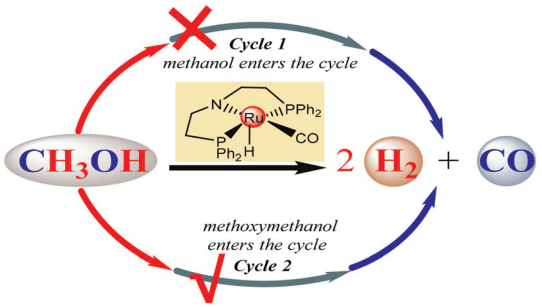
Binfeng Shen, Yujie Wei, Pengyun Sun, Haiyan He, Guobing Ying* and Huajie Huang*



13653

Production of carbon monoxide and hydrogen from methanol using a ruthenium pincer complex: a DFT study

Lina Geng, Mingchao Zhang, Zhiqiang Zhang and Yan Li*



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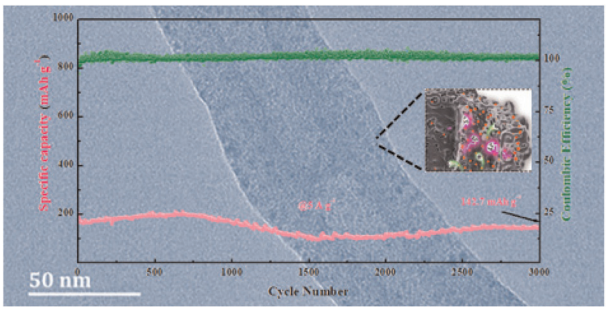
Hybrid nanotubes constructed by confining $Ti_{0.95}Nb_{0.95}O_4$ quantum dots in porous bamboo-like CNTs: superior anode materials for boosting lithium storage

Yakun Tang, Wenjie Ma, Yue Zhang, Sen Dong, Chensong Yang and Lang Liu*



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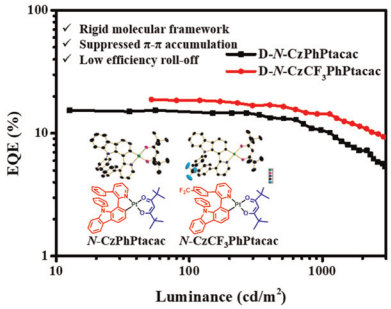
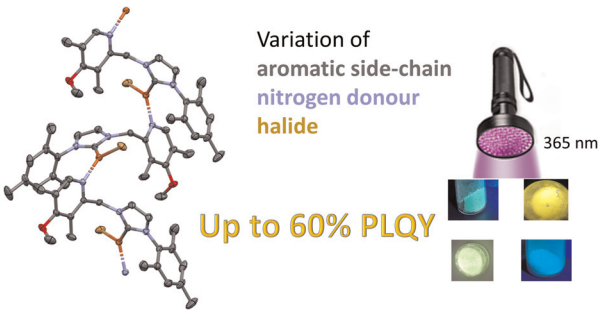


Design of carbazole-based platinum complexes with steric hindrance for efficient organic light-emitting diodes

Xu-Feng Luo, Sheng Ning, Hang He, Hao Tang, Liang-Jun Shen, Yi-Rui Shen, Hua-Bo Han, Xunwen Xiao* and You-Xuan Zheng*

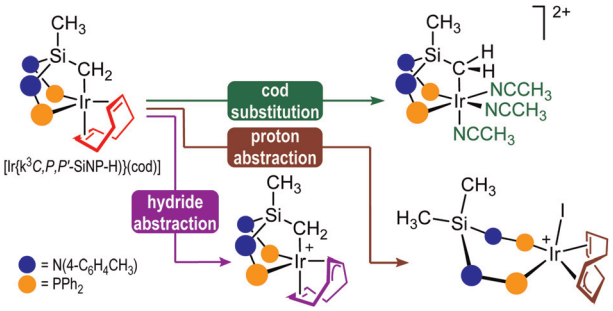
13677



Polymeric copper(I)–NHC complexes with bulky bidentate (N^C) ligands: synthesis and solid-state luminescence

Arruri Sathyanarayana, François Réveret, Laurent Jouffret, Damien Boyer, Geneviève Chadeyron and Federico Cisnetti*

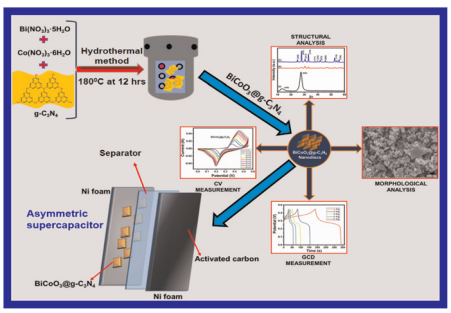
13689



Reactivity of Ir(I)-aminophosphane platforms towards oxidants

Marco Palmese, Jesús J. Pérez-Torrente and Vincenzo Passarelli*

13704



Electrochemical analysis of asymmetric supercapacitors based on $BiCoO_3$@g-C_3N_4 nanocomposites

Pandiaraja Varatharajan, I. B. Shameem Banu,* Mohamad Hafiz Mamat* and Nagamalai Vasimalai*

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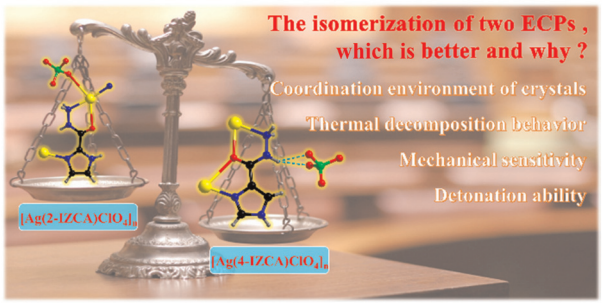

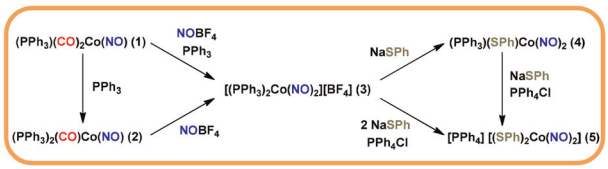

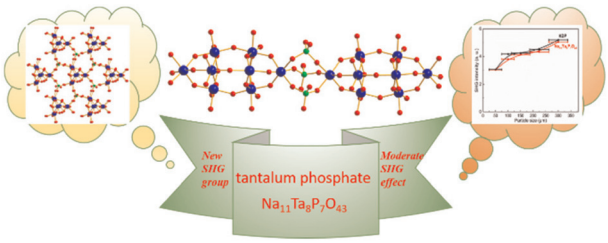

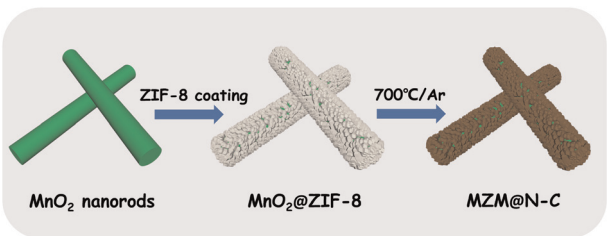

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