

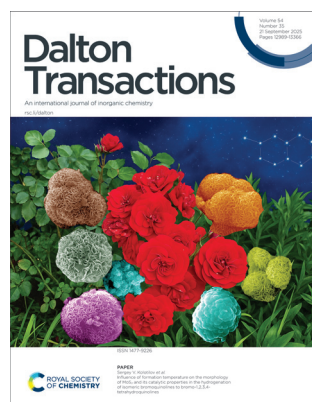
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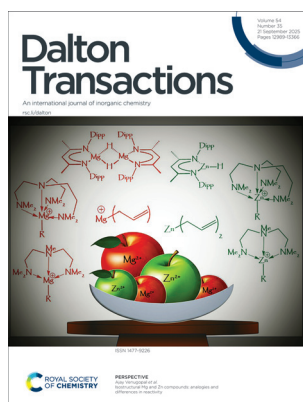
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Gabriel Canard* and Olivier Siri*



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Kriti Pathak, Suban Kundu, Sheetal Kathayat Bisht and
Ajay Venugopal*



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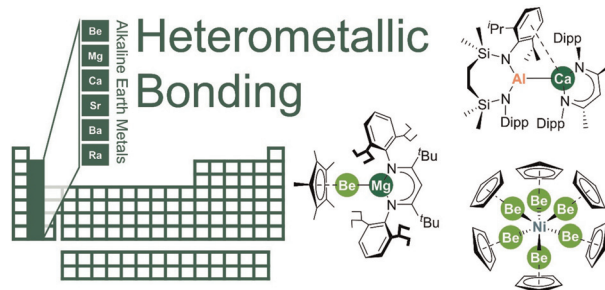
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Alkaline earth metals: heterometallic bonding

Liam P. Griffin* and Josef T. Boronski*

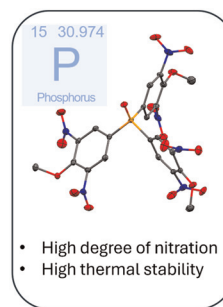


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Nitrated triarylphosphine oxides: accessible triarylphosphoryl molecules with up to six nitro groups

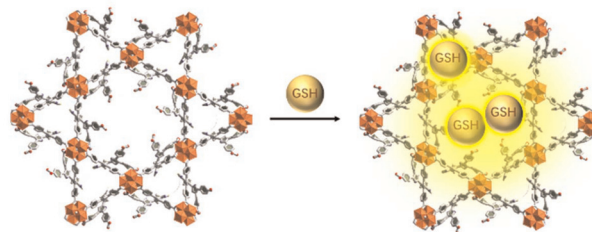
Rafael Pérez, Houari Dahmani and Guillaume Bélanger-Chabot*



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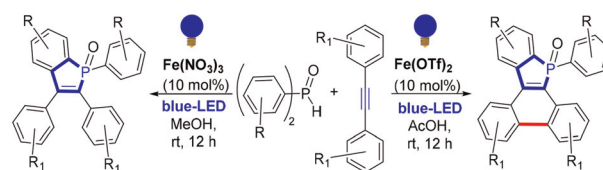
Jin-Peng Chu, Zhen-Sha Ma, Jun Xia, Kang Zhou,* Zhi-Qiang Zhang* and Xiao-Yuan Liu*



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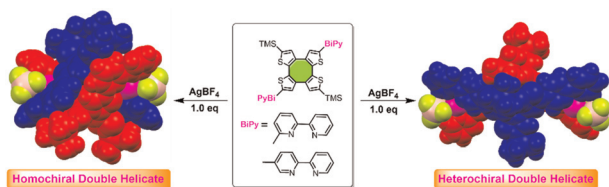
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Yumeng Yuan, Lingfeng Zhao, Marie Cordier, Thierry Roisnel, Anne Pensel, Muriel Hissler, Pierre-Antoine Bouit* and Christophe Darcel*



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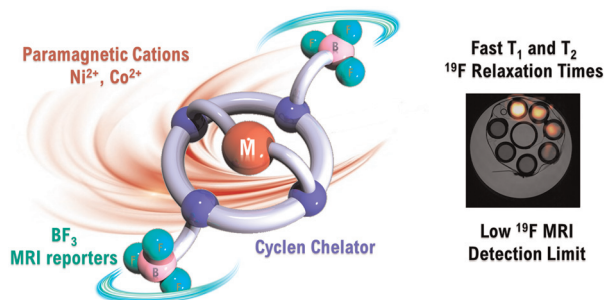
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Ag-induced homochiral *versus* heterochiral double helicates based on cyclooctatraphiophene-bipyridine

Chenglong Wang, Jie Yang, Guanfeng Miao, Zhiying Ma, Guangxia Wang* and Hua Wang*

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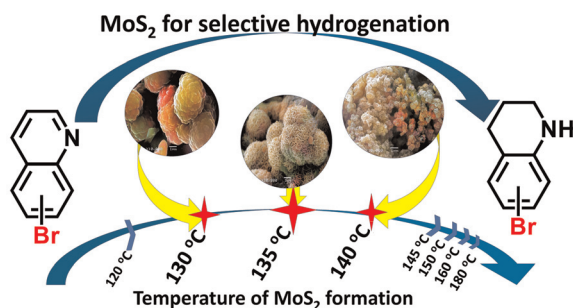


Trifluoroborate-appended cyclen complexes of paramagnetic transition metals (Ni^{2+} , Co^{2+}) as fast-relaxing ^{19}F MRI probes

Charline Sire, Francesca Garello, Noémie Lalaoui, Nathalie Saffon-Merceron, Nicolas Le Poul, Raphaël Tripier, Lorenzo Tei* and Thibault Troadec*

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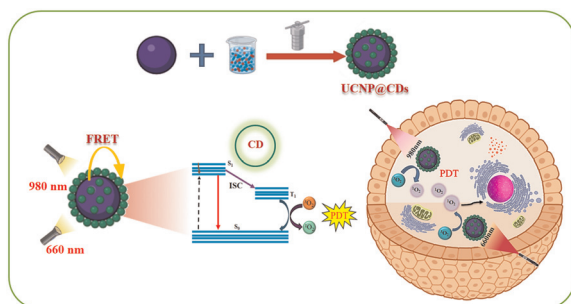
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Amplification of luminescence intensity by ytterbium(III) dopant in upconversion nanoparticles integrated with carbon dots for NIR-responsive targeted photodynamic therapy

Bijay Saha, Antara Ghosh, Archana Singh and Sumanta Kumar Sahu*

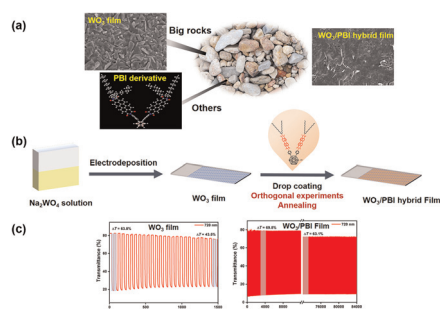


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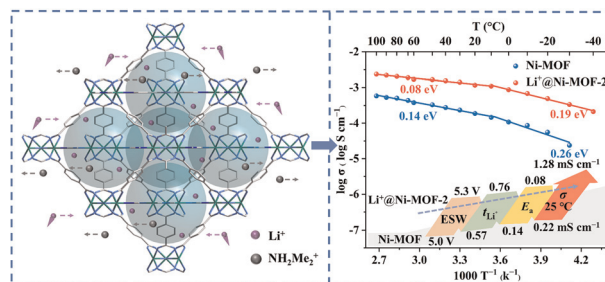
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Significant electrochemical performance improvement of an anion MOF-based solid-state electrolyte across a wide temperature range via an ion exchange strategy

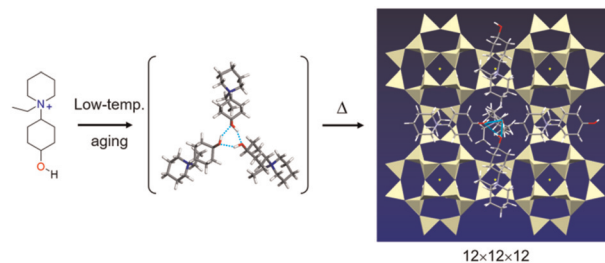
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Synthesis of a high-silica intersecting-large-pore zeolite using hydrogen-bond-assisted structure-directing agents

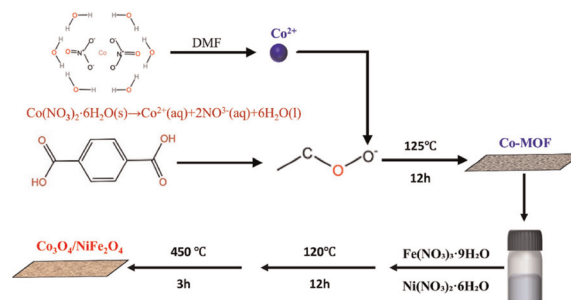
Hao Li, Zhengnan Zhang, Yanan Xu, Shiyue Zhang, Pengliang Gu, Qing Hu, Yu Zhang, Wenkai Wang, Zhan Shi, Xinyi Fu, Jian Li* and Hongbin Du*



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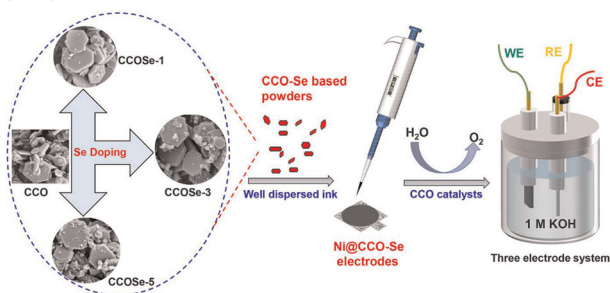
Self-supporting Co₃O₄/NiFe₂O₄ nanoflowers for efficient oxygen evolution reaction

Ying Wang, Yanghanqi Li, Jun Yu and Yukou Du*



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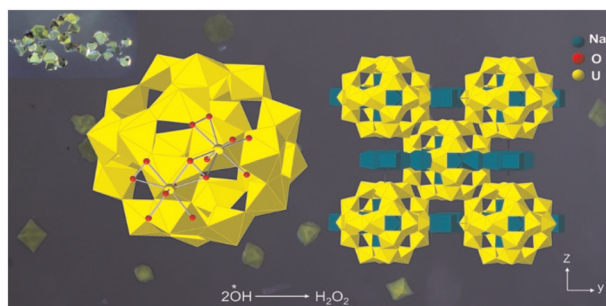
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Preparation of selenium doped CuCoO_2 nanosheets as an efficient electrocatalyst for the oxygen evolution reaction

Qingyang Shen, Lihong Zhao, Jilin Bai,* Chao Jiang, Yue Mi, Wei Liao and Dehua Xiong*

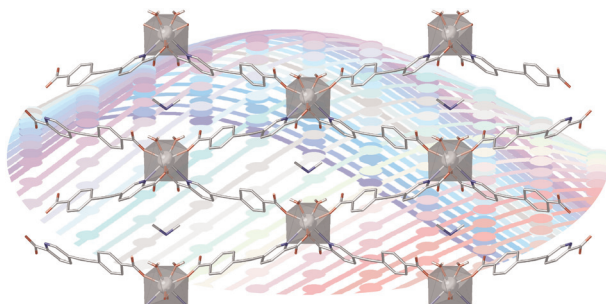
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Formation of U(VI) peroxide nanoclusters from cascade reactions with a persulfate radical initiator

Vidumini S. Samarasiri, Harindu Rajapaksha, Sarah McGee, Sara E. Mason and Tori Z. Forbes*

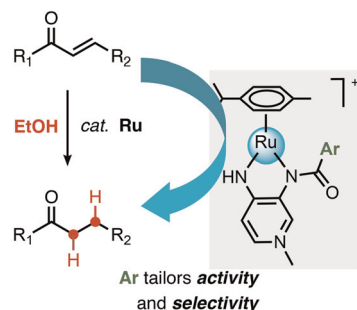
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Synthesis, structure and slow magnetic relaxation of lanthanoid coordination polymers based on ethynyl-bridged picolinate ligands

Verónica Jornet-Mollá, Carlos J. Gómez-García,* Miquel J. Dolz-Lozano, Carlos Giménez-Saiz and Francisco M. Romero*

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Ligand modification for the tuning of activity and selectivity in the chemoselective transfer hydrogenation of α,β -unsaturated carbonyls using EtOH as a hydrogen source

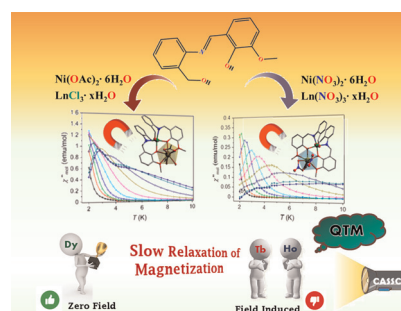
Alicia Beaufils, Nicole Elia, Sabela Reuge and Martin Albrecht*



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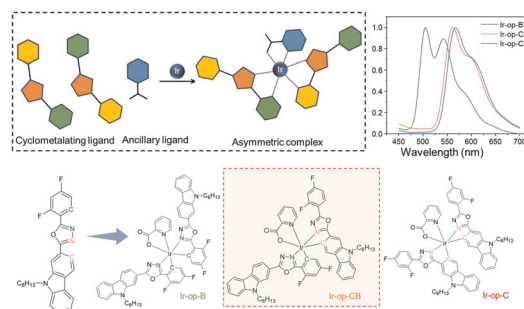
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Strategic fluorine atom positioning in carbazolyl oxadiazole derivatives: constructing asymmetric Ir(III) complexes for enhanced electroluminescence performance

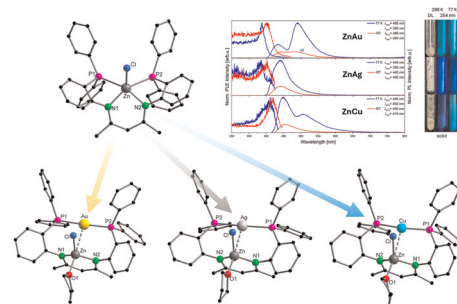
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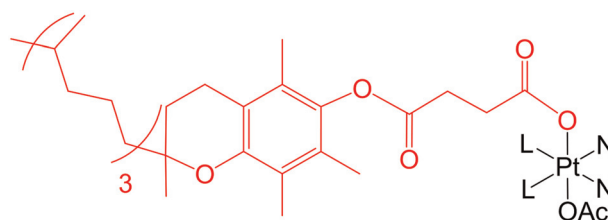
Steven Kebernik, Frederic Krätschmer, Xiaofei Sun and Peter W. Roesky*



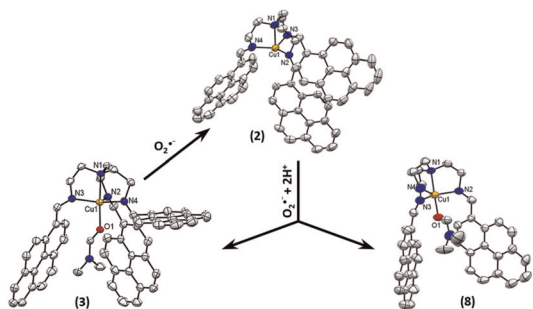
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Redefining platinum(IV) chemotherapy: α-tocopherol succinate functionalization and nanoparticle encapsulation to improve cisplatin- and oxaliplatin-based therapies

Carlo Marotta, Damiano Cirri, Maria Chiara Maimone, Chiara Giacomelli, Maria Letizia Trincavelli, Luca Salassa, Chiara Gabbiani* and Alessandro Pratesi*



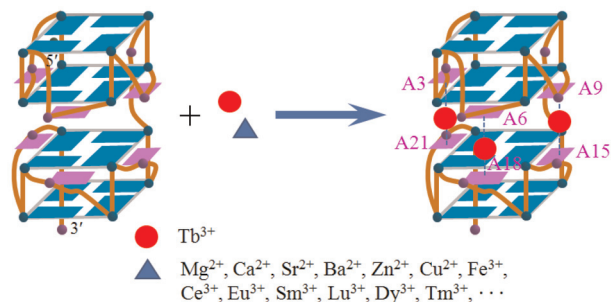
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Ligand-driven redox transformations and catalytic activities of mononuclear copper complexes: structural and spectroscopic insights

Soumen Rakshit, Jyotirmoy Mitra, Rajat Saha* and Ram Chandra Maji*

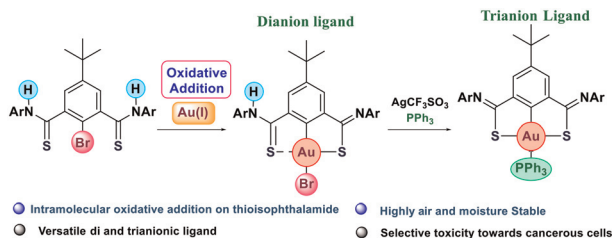
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Adenine/adenine contacts defined in the G-quadruplex for highly selective Tb^{3+} binding

Yulu Ru, Jiahui Chen, Qinxin Li, Qiyao Chen, Sihui Huang, Jiahuan Zhou, Dandan Wang,* Xiaoshun Zhou and Yong Shao*

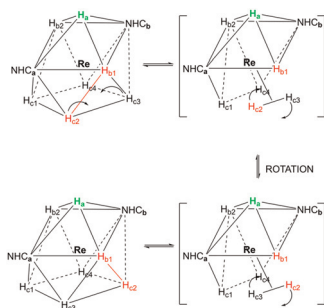
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Thio-iso-phthalamide pincer ligand-driven oxidative addition of a C–Br bond to gold(I): synthesis and studies of SCS–gold(III) pincer complexes

Saravanan Raju, Sanhati Sharangi, Harkesh B. Singh, R. S. Prabhuraj, Rohit Srivastava, Ray J. Butcher and Sangit Kumar*

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Dynamic processes of the first NHC-substituted rhenium heptahydrides $[ReH_7(NHC)_2]$

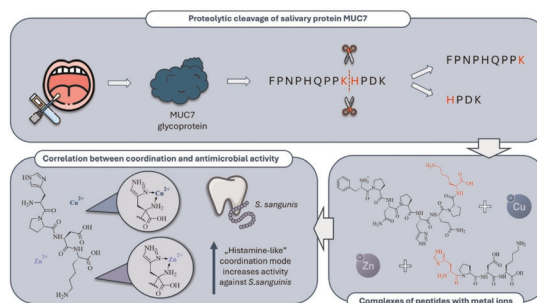
G. Grieco,* A. Pierini and M. Pierini



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Short but promising – how nature modulates the antimicrobial activity of proline-rich fragment of salivary MUC-7

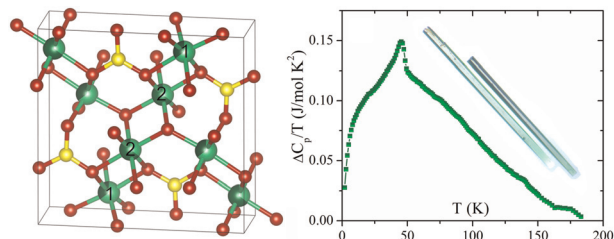
Jakub Gawłowski, Anna Ślusarczyk, Klaudia Szarszoń, Fabio Zobi, Tomasz Janek and Joanna Wąty*



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Magnetic order in disordered NiCr(BO₃)O

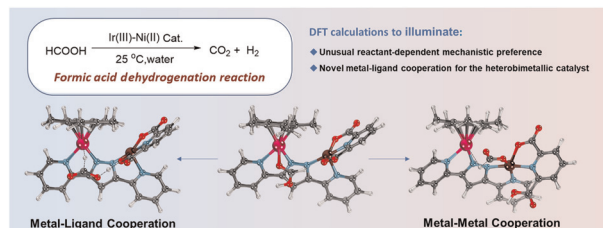
Yulia S. Gokhfeld,* Natalia V. Kazak,* Anastasia S. Tarasova, Aleksandr S. Sukhikh, Dmitry A. Velikanov, Evgeniy V. Eremin, Oleg A. Kondratev, Anna O. Belyaeva, Sergey Yu. Gavrilkin, Alexander D. Vasiliev and Sergey G. Ovchinnikov



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Deciphering the mechanistic landscape of formic acid dehydrogenation with the heterobimetallic Ir(III)–Ni(II) catalyst

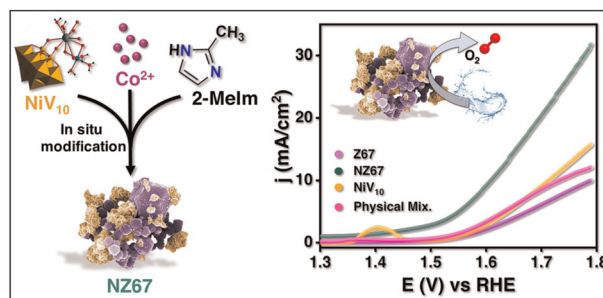
Lan-Yu Li, Hui-Qi Mo, Pan Chen, Jianju Zheng and Cheng Hou*



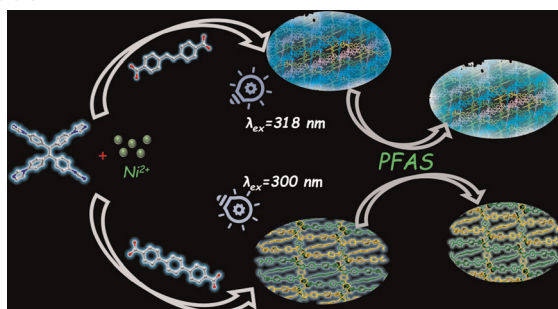
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An *in situ* dual modification strategy for enhancing the electrocatalytic oxygen evolution performance of ZIF-67

Rajasha Kumar Swain, Aranya Kar, Aditi Halder and Chullikkattil P. Pradeep*



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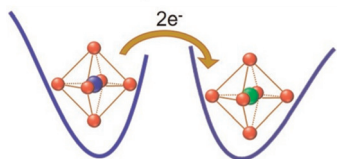


Water-stable Ni(II)-MOFs as ratiometric fluorescent probes for the detection of perfluorocarboxylic acids

Kai-Yang Zhang, Zhao-Feng Qiu, Fang-Fang Wang, Xiao-Ru Guo, Yue Zhao, Pei-Pei Cui* and Wei-Yin Sun*

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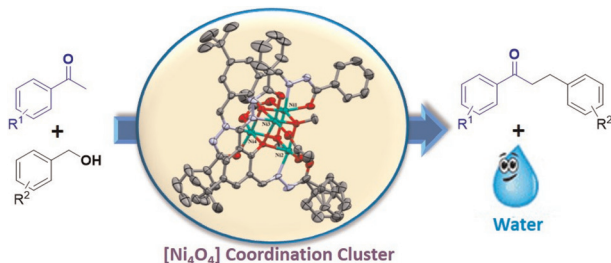
Correlated Barrier Hopping of Bipolarons in Cs₂PtI₆ vacancy ordered halide perovskites



Bipolaron hopping conduction in vacancy-ordered Cs₂PtI₆ perovskites

Vidya Raj, Abhishek Anand, Manasa Manoj and Aravind Kumar Chandiran*

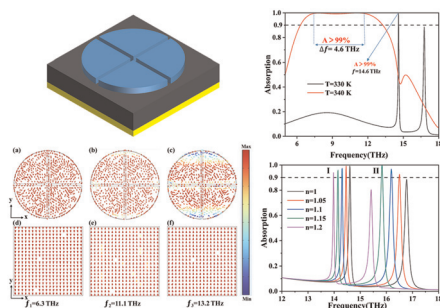
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Coordination clusters with a [Ni₄O₄] core as catalysts for α -alkylation of ketones with benzyl alcohols

Kajal, Manish Kumar and Hari Pada Nayek*

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Ultra-broadband and ultra-narrowband actively tunable VO₂ metamaterial perfect absorber

Hao Tang, Tangyou Sun, Zao Yi,* Qianju Song and Jianguo Zhang*

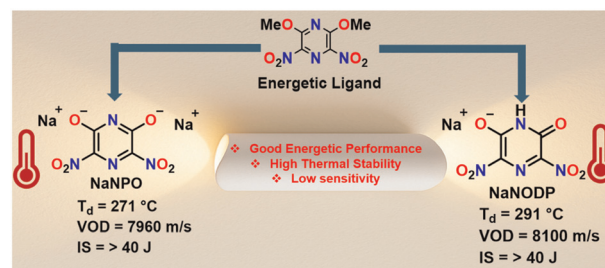


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Crystal engineering of dinitropyrazine-based sodium E-MOFs: toward thermally robust and low-sensitivity energetic materials

Manojkumar Jujam, Abhishek Kumar Yadav and Srinivas Dharavath*



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Temperature-dependent flexible hybrid capacitors based on Ni(OH)₂@NiS electrode materials

Wei Jia, Qi He, Zhiqiang Guo* and Xiang Wu*

