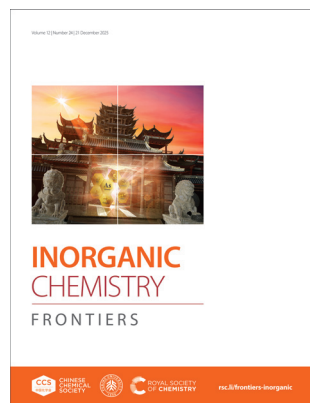


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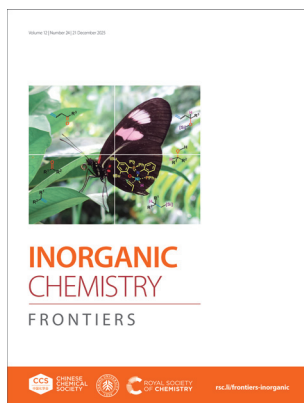
ISSN 2052-1553 CODEN ICFNAW 12(24) 7909–8804 (2025)



Cover

See Hiroaki Imoto *et al.*, pp. 7931–7955.

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Inside cover

See Vincent Gandon, Audrey Auffrant *et al.*, pp. 7984–7999.

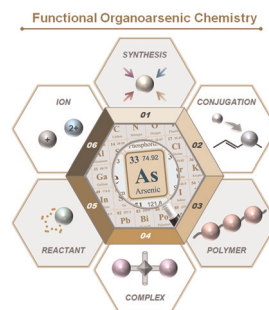
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REVIEWS

7931

The rise of functional organoarsenic chemistry

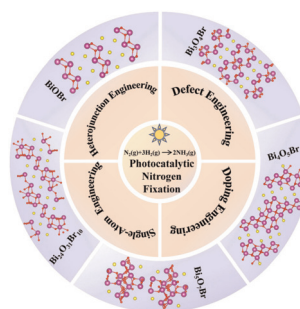
Hiroaki Imoto,* Chihiro Okochi, Kazuma Kikuchi and Kensuke Naka



7956

BiOBr-based catalysts for photocatalytic nitrogen fixation: an overview from the perspective of structural design

Shoujian Fu, Razium Ali Soomro, Qisong Shi, Jiajing Wu, Xirui Xi, Hua Wen, Li Guo, Chunming Yang* and Danjun Wang*



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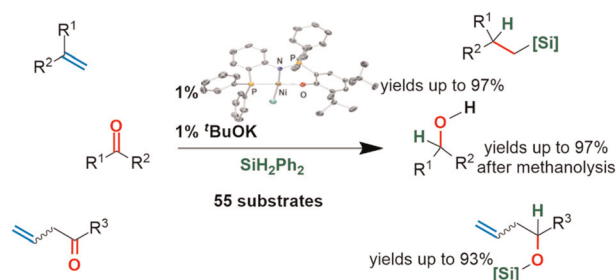
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7984

A Ni^{II} complex supported by an iminophosphorane ONP ligand: synthesis and catalytic C=C and C=O bond hydrosilylation

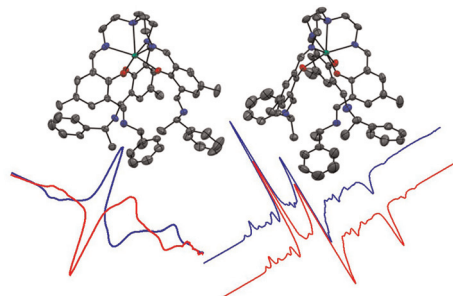
Ingrid Popovici, Thomas F. Arkwright Arcilla, Sophie Bourcier, Nicolas Casaretto, Vincent Gandon* and Audrey Auffrant*



8000

Chiral molecular 4f qubits by post functionalization

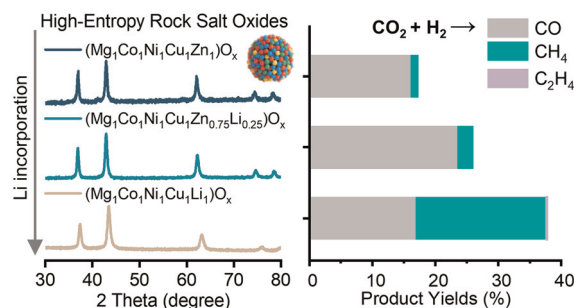
Steen H. Hansen,* Christian D. Buch, Bela E. Bode* and Stergios Piligkos*



8008

A low-valent alkali metal doping strategy for enhanced performance of high-entropy oxide catalysts in reverse water–gas shift reactions

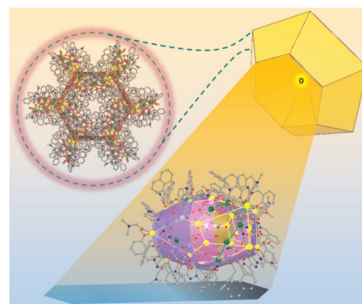
Ke Wang, Rui Zhang, Li Liu, Xueting Wu, Jing Xu,* Shuyan Song,* Hongjie Zhang and Xiao Wang*



8019

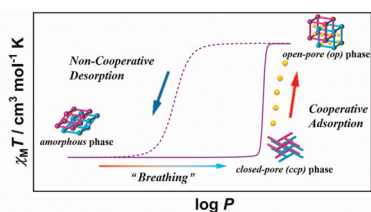
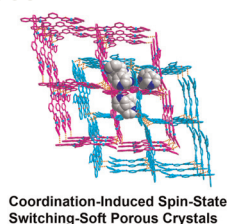
Pentacosaple-CO₃²⁻ bridged hexacontaoctanuclear lanthanide-alkali barrels derived from octacosanuclear discs

Chaolun Wei, Yi Liu, Xiaojuan Li, Haoyu Liu, Hai-Ye Li,* Hou-Ting Liu* and Haiquan Tian*



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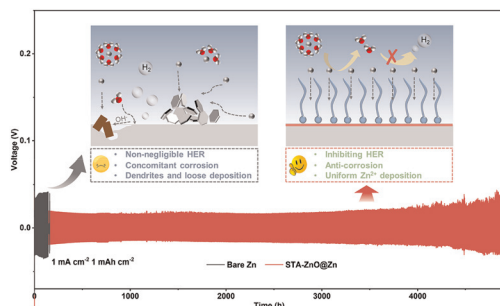
8032



Coordination-induced spin-state memory via cooperative binding

Yunfeng Xiang, Zijian Gong, Junchuang Feng, Joseph Kfoury, Julianna Oláh, Lifei Zou, Imre Bakó, Shufang Xue* and Yunnan Guo*

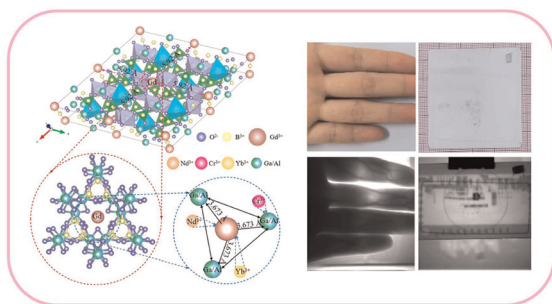
8042



Dual-functional zincophilic–hydrophobic interfacial layer enables highly stable Zn metal anodes

Yujuan Pu, Youkui Zhang,* Xiaoyong Yang, Kaiyuan Zhan, Qiwen Zhang, Tao Qin, Xuzhong Zeng, Lidan Niu, Wenjing Yang,* Yunhuai Zhang and Xueming Li*

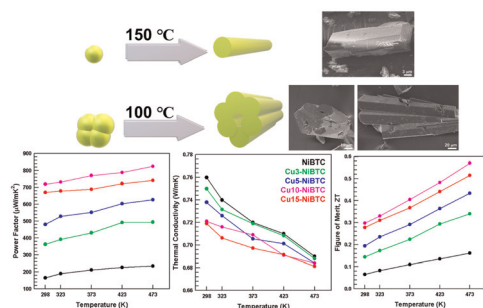
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Subgrid cage confinement engineering enabled ultra-efficient near-infrared Cr^{3+} – Ln^{3+} co-doped phosphors

Simeng Cao, Shaoan Zhang,* Ximei An, Lei Yang, Mengting Gao, Zhiyue Yang, Chao He, Zonglong Guo and Yang Li*

8065



Thermoelectric performance of a copper-doped nickel benzene-1,3,5-tricarboxylate metal–organic framework

Minsu Kim, Dabin Park and Jooheon Kim*

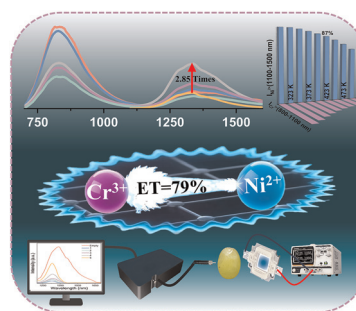


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Energy-transfer enhanced $\text{Cr}^{3+}/\text{Ni}^{2+}$ co-doped tantalate phosphors for broadband NIR pc-LED applications

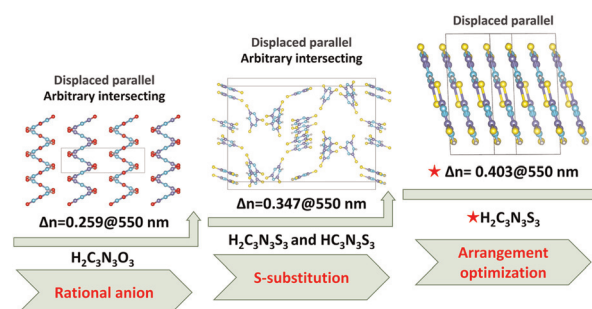
Hala Muji, Yu Zhang, Kai Li, Qixu Tian, Sur Lig, Ze Wang, Xinyu Gu, Nar Mai, Yuansong Gao, Kefu Chao* and Bingfu Lei*



8086

Realizing large birefringence *via* S-substitution and anisotropic arrangement optimization

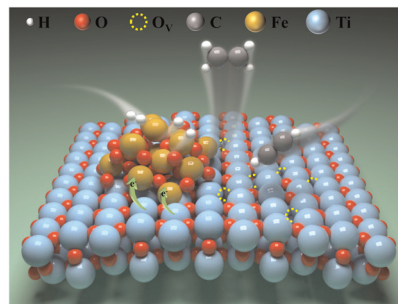
Zhiwei Sun, Bingbing Wu, Zihao Yu, Qingran Ding,* Yuling Wang, Ming Zhong, Sangen Zhao and Junhua Luo*



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Promotion of acetylene semi-hydrogenation by oxide–oxide interactions in $\text{FeO}_x/\text{TiO}_2$ catalysts

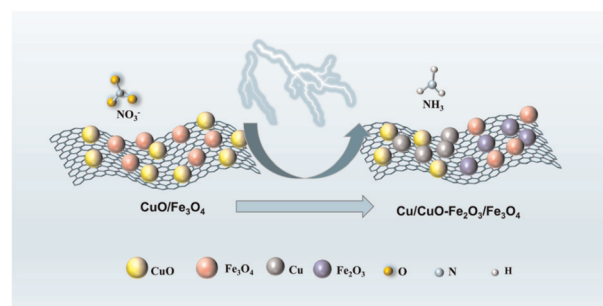
Qianjun Zhang, Yuanjing Fan, Xinhui Zhang, Fan Zhang, Yingxue Qin, Feng Feng, Jia Zhao, Chunshan Lu, Qunfeng Zhang, Qingtao Wang* and Xiaonian Li



8110

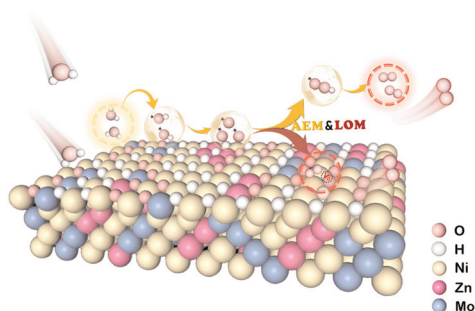
Construction of carbon nanotube-supported $\text{CuO}-\text{Fe}_3\text{O}_4$ dual-site catalysts for ambient electrosynthesis of ammonia

Shun Zhang, Shengbo Zhang,* Jiafang Liu, Zhixian Mao, Yunxia Zhang, Guozhong Wang, Huajie Yin and Haimin Zhang*



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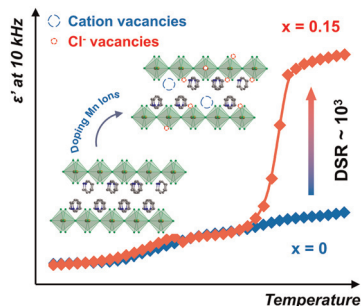
8118



Long-range disordered MoZn electrocatalyst with a synergistic AEM-LOM mechanism for efficient oxygen evolution

Xiaojun Wang, Huilin Zhao, Hongdong Li, Weiping Xiao, Guangrui Xu, Guangying Fu, Lei Wang* and Zexing Wu*

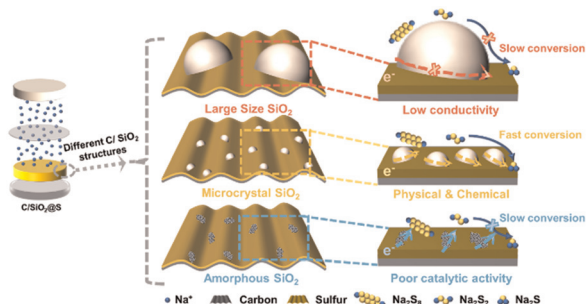
8128



Mn²⁺-doping and vacancy engineering induce a phase transition with an ultrahigh dielectric switching ratio in lead chloride hybrids

Wei Ye, Gang Chen, Dong-Sheng Shao,* Jia-Yi Zhang, Yueqi Shen, Xiao-Zu Wang, Weihua Ning,* Zheng-Fang Tian and Xiao-Ming Ren*

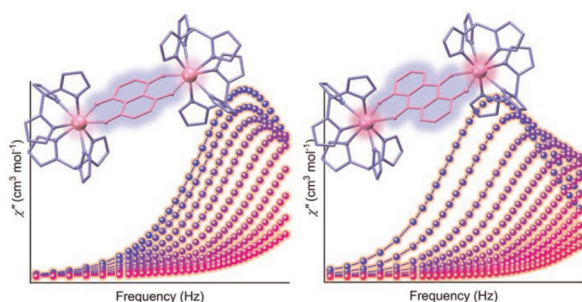
8138



Small-sized microcrystalline SiO₂ catalyzed Na₂S₂-to-Na₂S conversion for high-performance room-temperature sodium–sulfur batteries

Jianfeng Huang,* Yalin Zhang, Liyun Cao,* Dewei Chu, Qingqing Huang, Yijun Liu, Yong Zhao, Junle Dong, Chunyi Cai, Shuzhuo Bai, Wen Wen and Jiayin Li*

8148



Magnetic dynamics and exchange coupling in dinuclear lanthanide complexes bridged by naphthoquinone and anthraquinone radicals

Dimitris I. Alexandropoulos,* Kuduva R. Vignesh, Luís Cunha-Silva and Kim R. Dunbar*

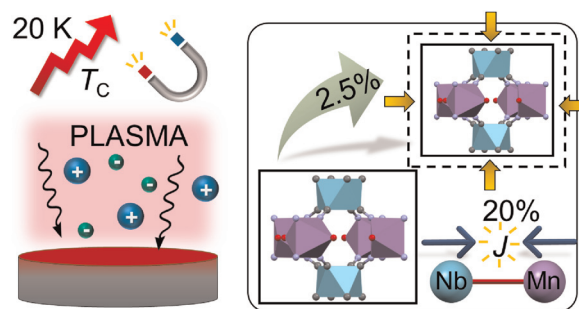


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Plasma-enhanced magnetic transition in 3D Mn^{II}–Nb^{IV} octacyanidometalate magnetic sponge

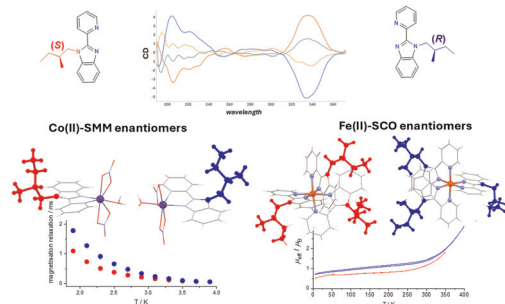
Dominik Czernia,* Marcin Perzanowski, Wojciech Sas, Beata Nowicka, Dawid Pinkowicz, Alexey Maximenko and Piotr Konieczny*



8173

Magnetically bistable Co(II) and Fe(II) complexes featuring pentyl-decorated pyridyl-benzimidazole ligands: role of isomerism and chirality

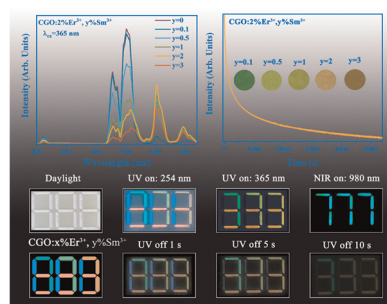
Alexandra Šagátová, Ivan Nemec, Ján Moncol, Radovan Herchel, Radovan Šebesta, Péter Kisszékelyi, Lukáš Ďurina and Ivan Šalitroš*



8187

Dual-emission-center strategy in Ca₃Ga₄O₉: Er³⁺/Sm³⁺ enables color-tunable afterglow for multimodal luminescent encryption materials

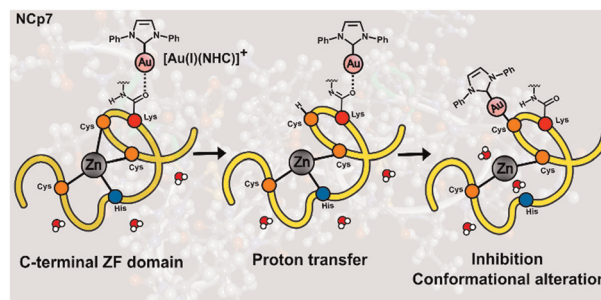
Yunfei Wang, Sixia Li, Yuzhu Yang, Peng Zhang, Wenfei Qin, Sai Zhou, Xuan Miao, Zenggang Lin and Weisheng Liu*



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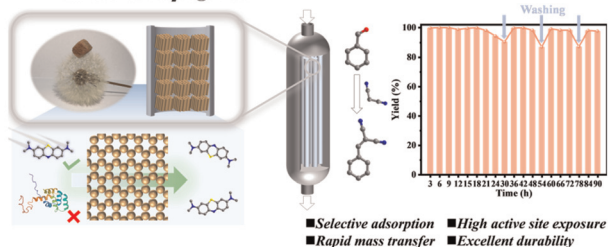
Mechanistic insights into Au(I)(NHC)Cl targeting of the HIV-NCp7 zinc finger *via* metadynamics simulations

Gustavo Clauss, Camilla Abbehausen* and Stefano Leoni*



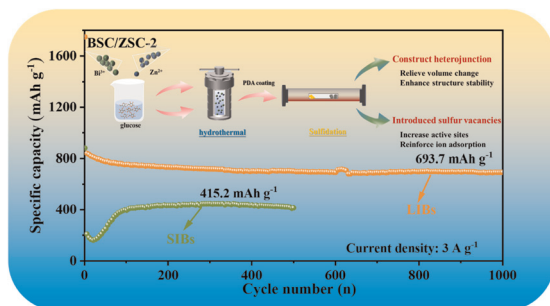
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8208

Hierarchical Ultrasmall MOF Aerogels
HP-UiO-66-NH₂-X@WCA***In situ* construction of hierarchical ultrasmall MOF aerogels with tunable mesopores for selective adsorption and efficient catalysis**

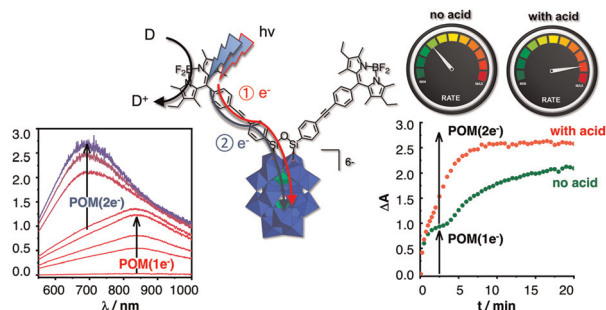
Xiaolong Fang, Tingting Luo, Ganggang Chang,* Li Mei, Ziwen Li, Yao Yao, Chao Liu, Didi Dong and Xiaoyu Yang

8220

**Sulfur vacancy and heterojunction synergistic effects in a Bi₂S₃/ZnS@C composite promote the fast diffusion dynamics of electrons and ions in Li-/Na-ion batteries**

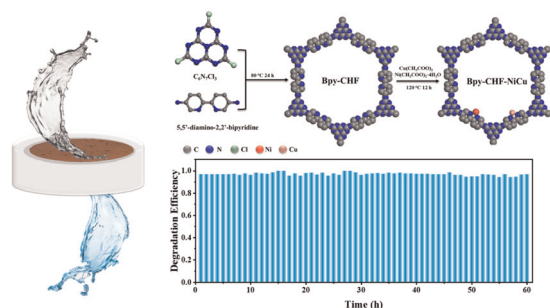
Xiaojing Zhang, Jing Xie,* Zhenjiang Lu, Faxiu Zhang, Jindou Hu and Yali Cao*

8231

**Insights into the intricate charge photoaccumulation in a polyoxometalate–bodipy covalent hybrid**

Christian Cariño, Naguy Moussa, Sébastien Blanchard, Albert Solé-Daura, Anna Proust and Guillaume Izzet*

8241

**Isolated Ni–Cu atoms anchored to covalent heptazine frameworks propel continuous Fenton-like catalysis**

Yuhang Deng, Tao Sun, Hao Liu, Tianyu Zhou, Guangbo Che,* Chunbo Liu* and Wei Jiang*

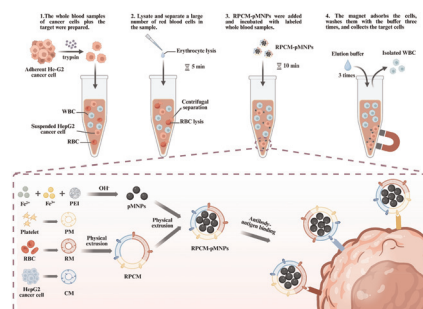


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Magnetically actuated hybrid biomimetic nanoparticles for high-efficiency capture of rare circulating tumor cells in whole blood

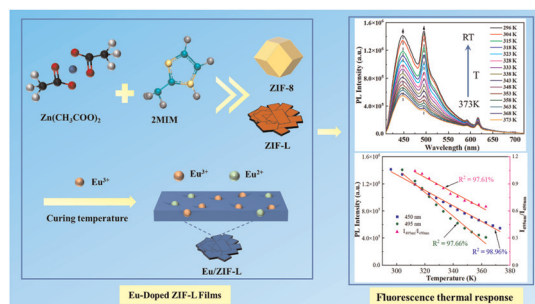
Dixin Lin, Jishou Piao,* Yi Wang,* Shuo Shi, Jiaping Cao, Hongdong Shi and Qianling Zhang*



8260

Dual-modulation of lanthanide valence and MOF phase transition: advancing ratiometric thermometry in Eu-doped ZIF-L films for high-sensitivity thermal sensing

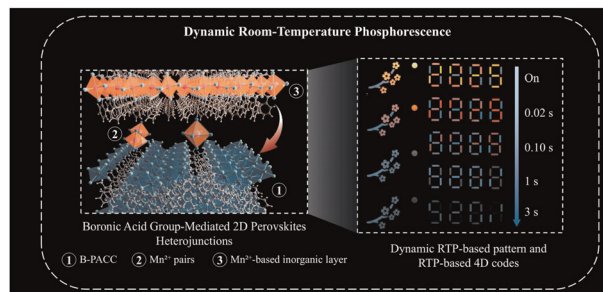
Jiayu Zheng, Longxiao Zhou, Qiufen Liu, Senwei Wu, Yuting Peng, Xiujian Zhao and Shouqin Tian*



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Dynamic room-temperature phosphorescence enabled by boronic acid group-mediated 2D perovskite heterojunctions for time-resolved multidimensional anti-counterfeiting and encryption

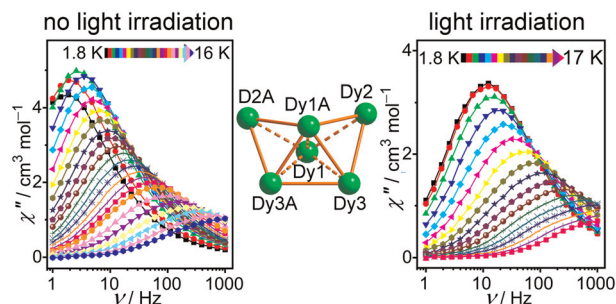
Peng Zhang, Xin Chen, Jing Li, Lei Fang and Xiangying Sun*



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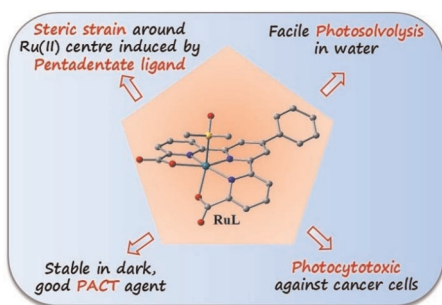
Photo-mediated performance change of a 1,8-dihydroxyanthraquinone-based Dy₆ single molecule magnet

Lan Liu, Huancheng Hu,* Kai Wang, Zhanyun Zhang, Shui Yu, Dongcheng Liu,* Zhaobo Hu, Fupei Liang and Zilu Chen*



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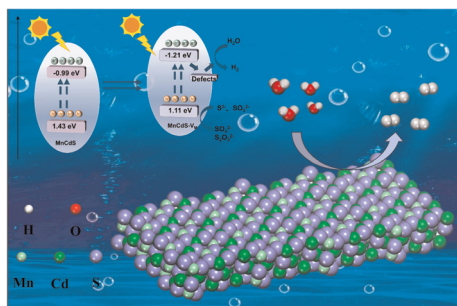
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A water-soluble photolabile ruthenium(II) complex with a terpyridyl-dicarboxylate ligand: photocytotoxicity triggered by structural strain

Pritha Chatterjee, Madhu Verma, Avinash Kumar Sonkar, Abhijit Saha, Ramranjan Mishra, Sri Sivakumar and Ashis K. Patra*

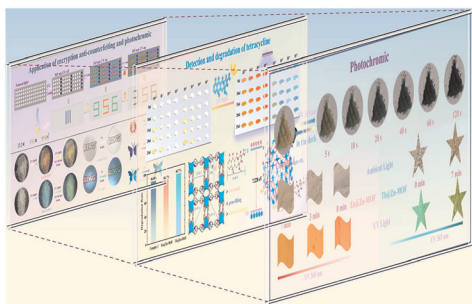
8304



Cationic vacancy engineering of MnCdS for enhanced photocatalytic hydrogen evolution reaction rates

Li Chen, Yani Dong, Jiaxin Liu, Guangmin Ren,* Tuo Guo* and Qingjie Guo*

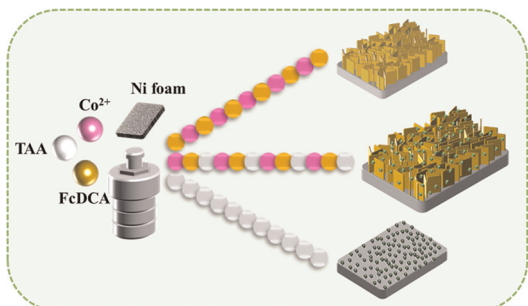
8315



Beyond monofunctionality: a pyridinium-derived photochromic Zn-MOF with tetracycline detection/degradation and its Eu/Tb hybrids for visual monitoring and multi-level security

Jian-Hua Xue, Dong-Dong Yang,* Yong-Sheng Shi, Yuan-Yu Yang, Yu-Jia Bai, Qi Ma* and Xiang-Jun Zheng*

8327



Decorating a highly conjugated and electron-rich Co-MOF with Ni₃S₂ for improved oxygen evolution and urea oxidation reactions

Li-Wen Wang, Xuan Jing and Si-Fu Tang*

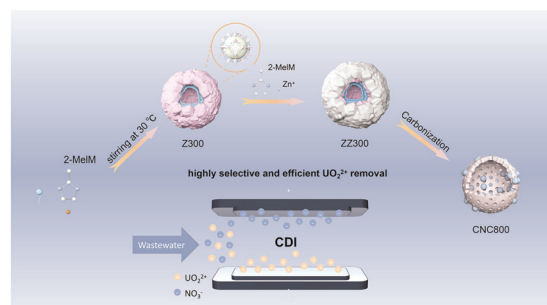


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Ion-selective capacitive deionization enabled by codoped core-shell carbon architectures for efficient uranium recovery

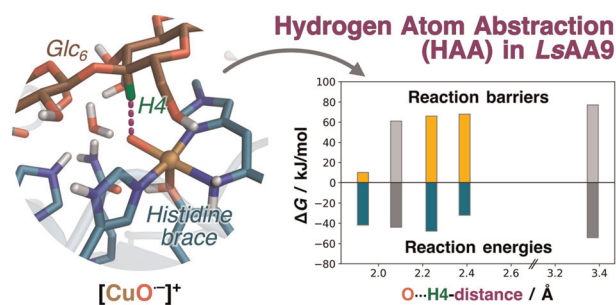
Chengan Ye, Yue Chen, Rui Wang, Yuan Gao, Mohsen Shakouri, Wenting Li* and Huan Pang*



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How structural dynamics influence the substrate oxidation energetics in lytic polysaccharide monooxygenases

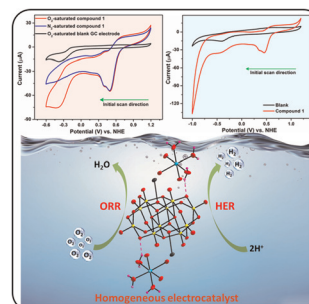
Marlisa M. Hagemann, Ulf Ryde and Erik D. Hedegård*



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Mn(II)-aqua-decavanadate: a bifunctional homogeneous electrocatalyst for the hydrogen evolution reaction and the oxygen reduction reaction

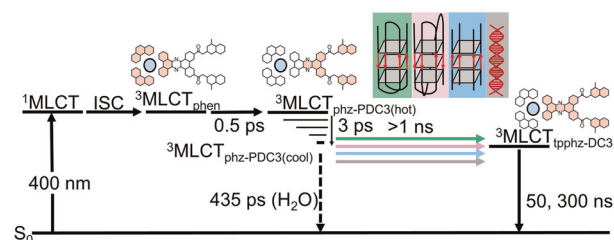
Debu Jana, Rachapudi Phebe Florance, Rabin Kumar Poria and Samar K. Das*



8375

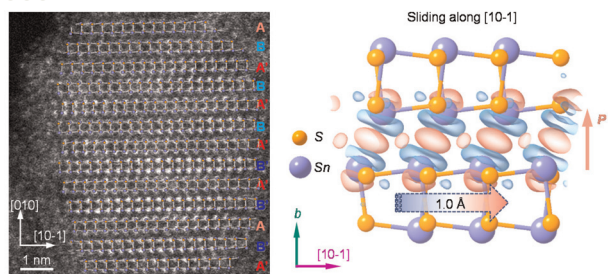
Ultrafast light-switch properties of a G-quadruplex binder: [Ru(phen)₂(tpphz-DC3)]⁴⁺

Philip A. Morgenfurt, Avinash Chettri, Lorcan Holden, Benjamin Dietzek-Ivanšić* and Tia E. Keyes*



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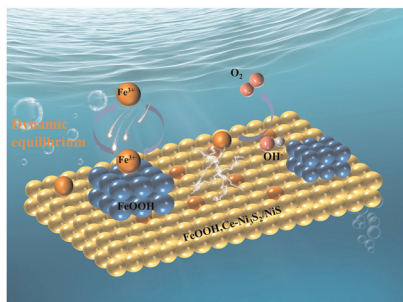
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Emergence of sliding ferroelectricity in reduced-size SnS nanoparticles

Zhiguo Li, Qiang Li,* Peixi Zhang, Xin Chen, Fan Xue, Mingxin Lv, Han Wu, Jianrong Zeng, Jinxia Deng, Kun Lin, Jun Miao, Xiaojun Kuang* and Xianran Xing*

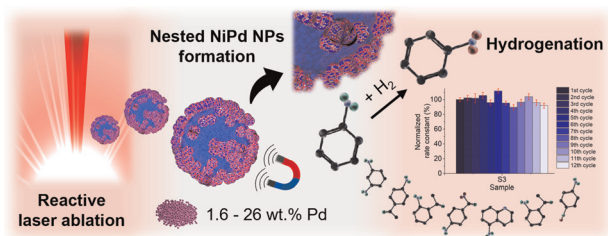
8395



Dynamic Fe³⁺ equilibrium and Ce-doping electronic synergy in Ni₃S₂/NiS heterostructures for enhanced alkaline oxygen evolution

Man-Man Li, Na Xu, Yue-Ming Li, Chen Zhang, Xin Wen, Yanbin Qi, Guodong Li,* Yong-Ming Chai* and Bin Dong*

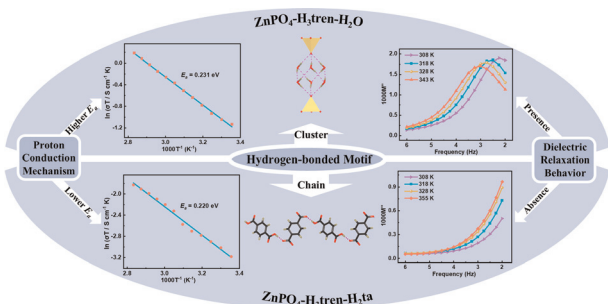
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Nested NiPd nanocatalysts fabricated by reactive laser ablation in liquids: a breakthrough in selective nitroarene reduction to anilines

Ondřej Havelka, Astrid Thomas, Miriam Rodenes, Martin Cvek, Dariusz Łukowiec, Iván Sorribes* and Rafael Torres-Mendieta*

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Unravelling the link between proton conduction and dielectric relaxation by modulating hydrogen-bonded motifs in zincophosphate-based coordination polymers: mechanistic insights supported by molecular dynamics simulation

Jiajia Liu, Biao Huang, Chengan Wan, Xiaoqiang Liang,* Ziyang Wang, Bo Zhang, Feng Zhang,* Lei Feng and Chen Wen*

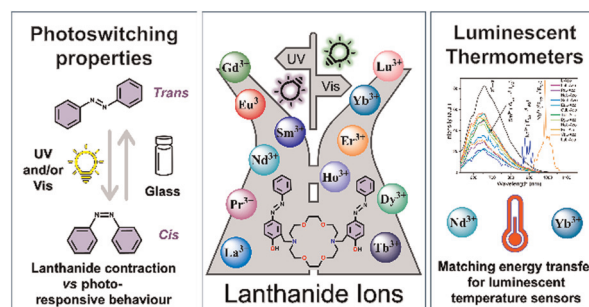


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Lanthanide contraction-driven modulation of photoswitchable macrocyclic complexes reveals unprecedented glass-induced re-isomerization and luminescence thermometry

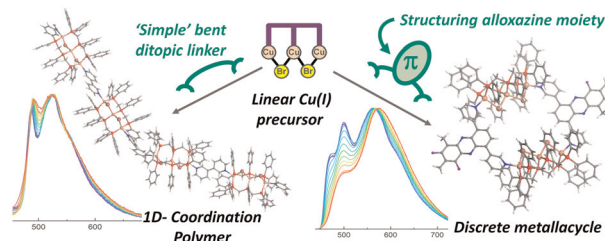
Dominika Prętko,* Dawid Marcinkowski, Nahir Vadra, Przemysław Woźny, Marcin Runowski, Maciej Kubicki, Violetta Patroniak, Giuseppe Consiglio, Giuseppe Forte and Adam Gorczyński*



8460

Diversity of supramolecular assemblies based on photoactive Cu(I) trimetallic building blocks and N donor ditopic ligands: from 1D coordination polymers to metallacycles

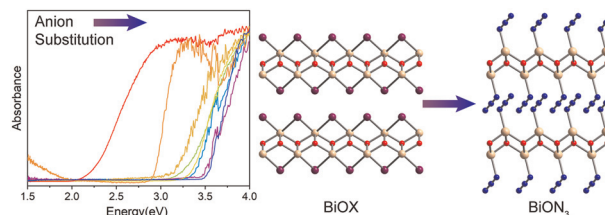
Adrien Schlachter, Jaison Casas, Vincent Dorcet, Guillaume Calvez, Sylvie Ferlay* and Christophe Lescop*



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Anion exchange in bismuth oxyhalides for electronic property control and isolation of BiON₃

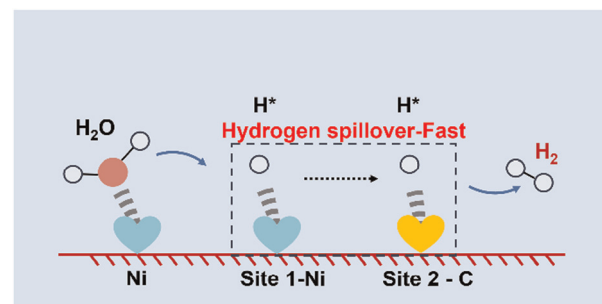
Alexander E. Padilla II and Adam Jaffe*



8479

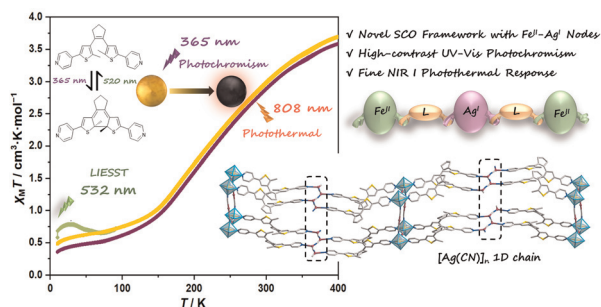
Ultraviolet light-induced carbon defects on MOF-derived Ni@C greatly improved its electrocatalytic activity for hydrogen evolution

Ting Wu, Jianpeng Sun, Zhan Zhao, Kelei Huang and Xiangchao Meng*



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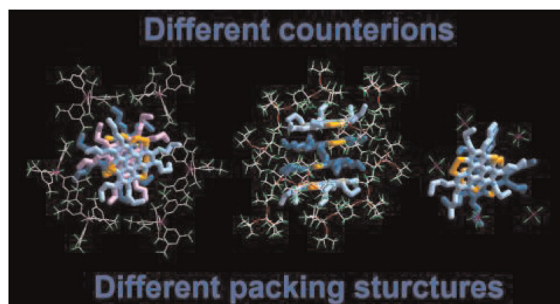
8492



UV-Vis-NIR response in a photochromic diarylethene-based spin crossover framework with heterogeneous Fe^{II}–Ag^I nodes

Ai-Qi Jian, Jia-Chuan Liu, Dan Li, Yu-Quan Qi, Si-Guo Wu* and Ming-Liang Tong*

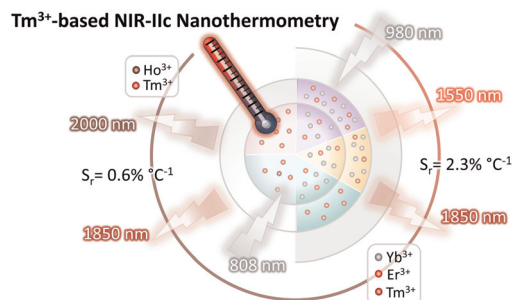
8503



Manipulating molecular alignment: organoselenium radical cations with tailored π -stacking architectures

Shan Li, Jiayao Yang, LinLin Yang, Tao Li* and Wanxiang Zhao*

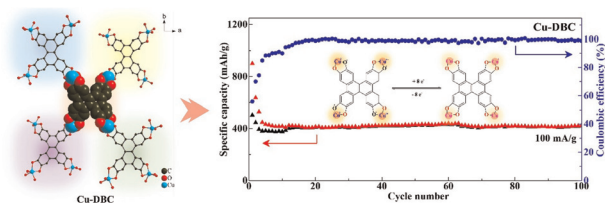
8513



Expanding NIR-IIc nanothermometry: architectural control of Tm³⁺-doped NaGdF₄ core/shell nanoparticles

Nan Liu, Hana Mirmajidi, Lucas Crozier and Eva Hemmer*

8526



Construction of π -d metal–organic frameworks featuring butterfly-inspired building blocks as efficient anodes for high-performance lithium-ion batteries

Wenqian Zhou, Jinjian Li, Jie Li, Yiting Guo, Shujun Li, Chao Li,* Kuaibing Wang,* Cheng Zhang* and Qichun Zhang*

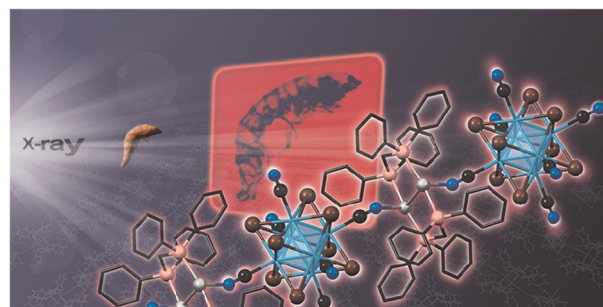


RESEARCH ARTICLES

8536

Luminescent cyanide coordination polymer based on $\{Mo_6I_8\}$ and $\{Ag_2(dppm)_2\}$ clusters: exceptional stability and efficient scintillation

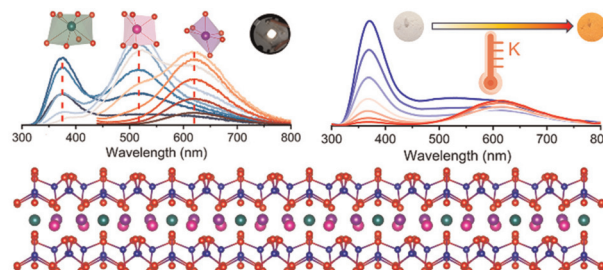
Yulia M. Litvinova, Dmitri V. Stass, Mikhail T. Metlin, Vladislav M. Korshunov, Maxim R. Ryzhikov, Spartak S. Yarovoy, Taisiya S. Sukhikh, Yuri V. Mironov, Ilya V. Taydakov, Daria E. Belikova, Alexey B. Tarasov, Konstantin A. Brylev and Yakov M. Gaifulin*



8547

Crystallographic site engineering of a single Bi^{3+} -doped single-component $Ca_5Ga_6O_{14}:Bi^{3+}$ phosphor for full-spectrum white light emission and highly sensitive optical thermometry

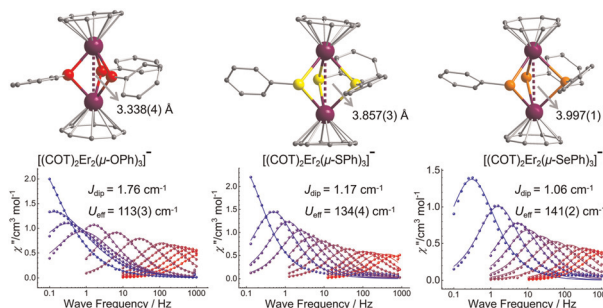
Xiangxiang Jing, Yaxin Xu, Jia Yang, Zien Cheng, Rihong Cong, Tao Yang* and Pengfei Jiang*



8560

Triply chalcogenophenolato-bridged erbium-cyclooctatetraenyl complexes: syntheses and single-molecule magnetic properties

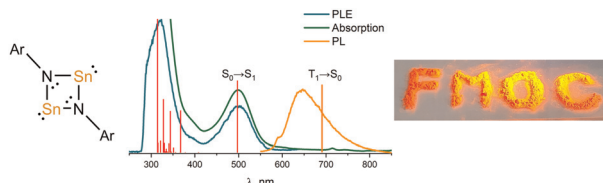
Jia-Qi Huang, You-Song Ding* and Zhiping Zheng*



8572

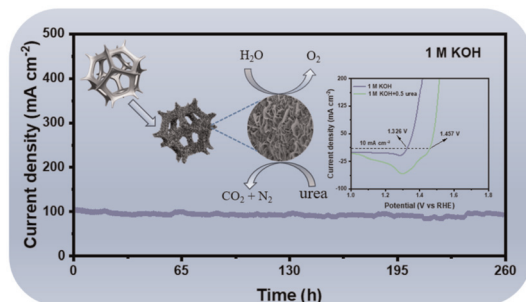
Highly luminescent divalent tin(II) imide complexes $[ArNSn]_2$

Olga A. Kushnerova, Vasily A. Ilichev, Roman V. Rumyantsev, Georgy K. Fukin, Nikolay V. Somov, Wenhua Xu, Yanxia Zhao and Vladimir A. Dodonov*



RESEARCH ARTICLES

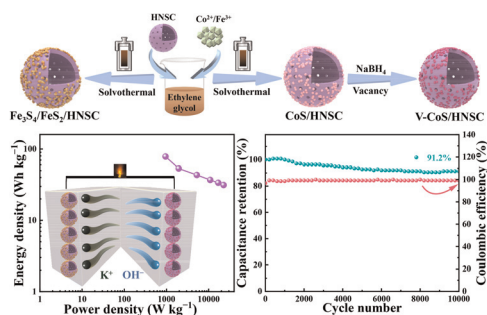
8584



Synergistic metal–nonmetal co-doping in Ni_3S_2 for enhanced bifunctional water–urea electrolysis

Feng Fu, Min Wang, Yali Cao,* Jili Ren, Zhenjiang Lu, Jing Xie, Rui Sheng* and Jindou Hu

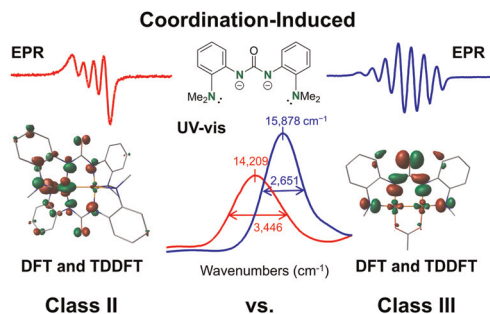
8595



High-performance hybrid supercapacitors based on cobalt sulfide and iron sulfide nanoparticles supported by hollow nitrogen–sulfur co-doped carbon spheres

Xiang Gao, Xiaoyuan Lu, Jiali Zhong, Xiaoqi Fu,* Zixin Lin, Xiaoping Shen,* Guoxing Zhu and Zhenyuan Ji*

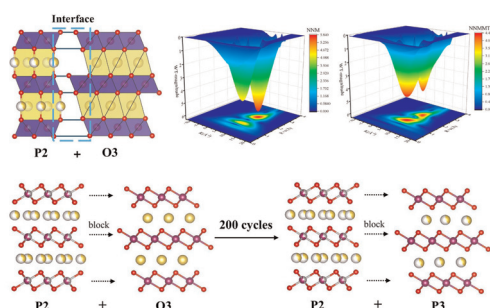
8604



Mixed valence bimetallic Cu complexes with a urea-backed tetradentate ligand

Anshu Singh, Samgyul Lee, Kang Mu Kwon, In Hyun Hwang, Jeongcheol Shin* and Kyoungheon Lee*

8614



Mg/Ti co-doping induced P2/O3 biphasic modulation strategies enhancing structural stability for sodium-ion battery cathodes

Zirun Chai, Huijun Li,* Mingyang Gao, Weijie Yi and Xiaomin Wang*

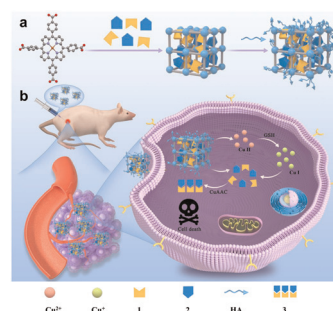


RESEARCH ARTICLES

8626

***In situ* synthesis of bioorthogonally catalyzed drugs based on hydrogen-bonded organic frameworks for cancer therapy**

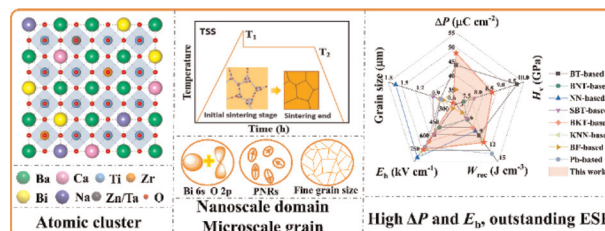
Yan Wang, Luwen Zhang, Jiarui Qiao, Xianhao Wei, Tingyan Jiang, Junhe Ou and Maolin Pang*



8635

Outstanding energy density and hardness in $\text{Ba}_{0.85}\text{Ca}_{0.15}\text{Zr}_{0.1}\text{Ti}_{0.9}\text{O}_3$ -based ceramics via weakly coupled relaxor design

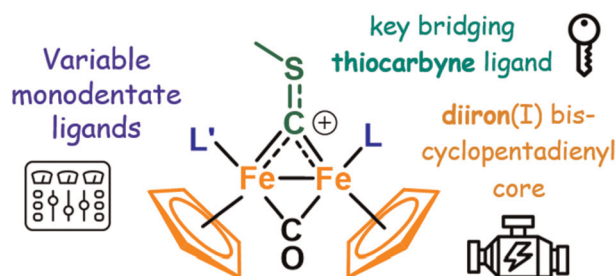
Dandan Han, Longxiao Duan, Yunfei Ma, Hao Liang, Yan Wang, Wenfeng Yue, Zhenhao Fan, Raz Muhammad, Changhao Wang* and Dawei Wang*



8650

A bridging thiocarbyne ligand in diiron(I) complexes enables unconventional isomerization pathways and structural diversity leading to potent cytotoxicity

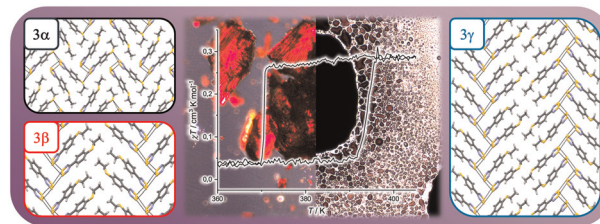
Lorenzo Biancalana,* Ekatarina Mihajlović, Gianluca Ciancaleoni, Marija Mojić, Sanja Jelača, Stefano Zacchini, Guido Pampaloni, Biljana Dojčinović, Danijela Maksimović-Ivanić, Sanja Mijatović* and Fabio Marchetti*



8676

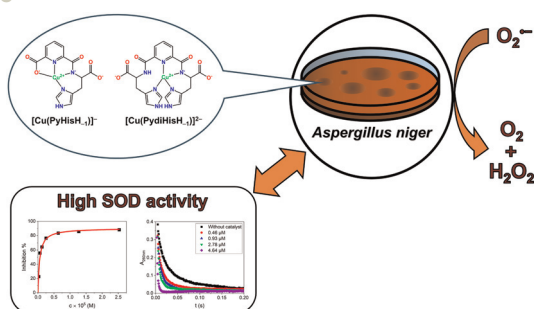
Thermally responsive magnetic bistability through solid–liquid phase transitions in alkylthio-functionalized dithiadiazolyl radicals

Juho M. Toivola, Ankita Naik, Manu Lahtinen, Oriol González-Prats, Andrea Perez Prieto, Itziar Oyarzabal* and Aaron Mailman*



RESEARCH ARTICLES

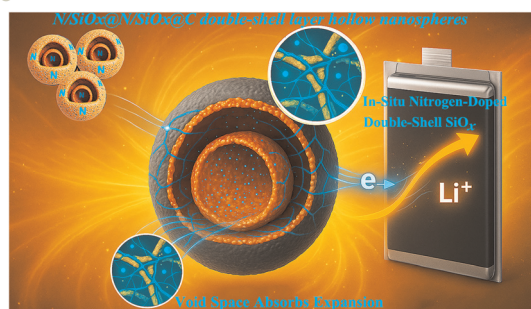
8690



Highly active superoxide dismutase mimic: pyridine carboxamide-based copper(II) complexes

Róbert Diószegi, Andrea Guidetti, Norbert Ág, Ilénia Serra, Dóra Szalóki, Dóra Bonczidai-Kelemen, Nóra V. May, Erzsébet Fekete, Levente Karaffa, István Fábián, Sabine Van Doorslaer* and Norbert Lihí*

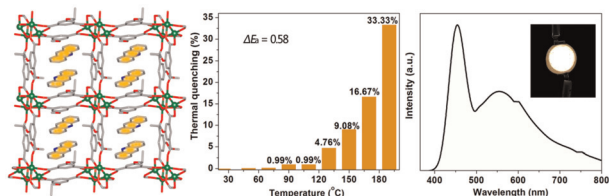
8706



In situ nitrogen-doped double-shell SiO_x nanospheres: a novel approach for enhancing lithium-ion battery performance

Yang Chen, Yu Tang, Leiyun Han, Yingjie Hua, Xudong Zhao and Xiaoyang Liu*

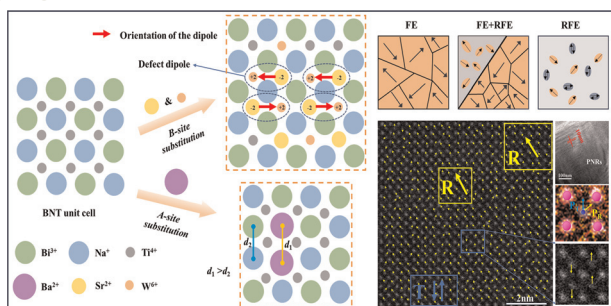
8721



A tetranuclear Zn(II)-based host-guest MOF resistant to thermal quenching

Xiao-Gang Yang,* Xin-Ya Zhang, Zhao-Tong Yang, Xin-Ci Wu, Jia-Chen Liu, Xiao-Tian Wei, Hua-Rui Wang* and Lu-Fang Ma

8728



Multiple relaxor phases driving excellent energy storage performance in Na_{0.5}Bi_{0.5}TiO₃-based ceramics via dual-site ion-pair structure design

Pan Gao,* Hanjun Wang, Chang Liu,* Wenjing Geng, Yun Ling, Yubo Li, Hongyan Wan, Jing Zhang and Haijuan Li



Charge compensation *via* tetravalent doping for high-efficiency Mn²⁺-activated inorganic double perovskites toward high-resolution X-Ray imaging

The diagram illustrates the synthesis of Mn²⁺, Ce⁴⁺ co-doped ZnO. It shows the chemical structures of ZnO with Ce⁴⁺ and Mn²⁺ ions incorporated into the lattice. The Ce⁴⁺ ion is shown as a yellow sphere, and the Mn²⁺ ion is shown as a red sphere. The ZnO lattice is represented by a 3D structure of gray spheres (Zn) and white spheres (O). The diagram illustrates the process of Mn²⁺, Ce⁴⁺ co-doping, resulting in the formation of Mn²⁺, Ce⁴⁺ co-doped ZnO. The PL spectra show the emission intensity versus wavelength (nm) for Mn²⁺ (red line) and Mn²⁺, Ce⁴⁺ co-doped ZnO (blue line). The Mn²⁺, Ce⁴⁺ co-doped ZnO shows a significantly higher emission intensity compared to the Mn²⁺ doped ZnO.

A dual-functional Zr(IV)-based metal–organic gel obtained *via* a cage-to-gel strategy: nerve agent simulant degradation and blister agent simulant adsorptive sensing

Nerve Agent

Degradation

Blister Agent

Adsorptive Sensing

MOC to MOG transformation

Frequency shift (Hz)

Time (min)

5 ppm

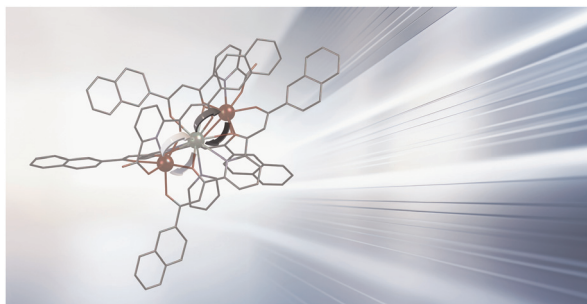
200 ppm

In situ electrodeposition of Pt into a trimetallic MOF composite electrode and its application in water splitting

Molecular weaving towards metalloporphyrin polymer coatings with integrated high stiffness and flexibility for anti-SARS-CoV-2 application

RESEARCH ARTICLES

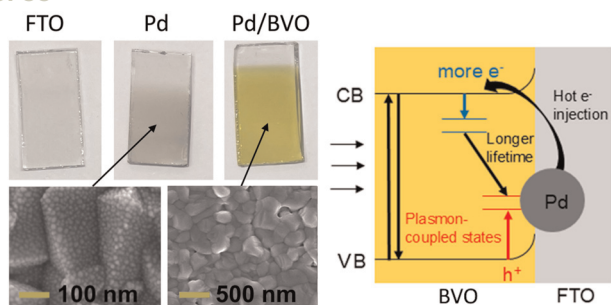
8776



Excitation energy funnelling in NIR-emissive [YbPrYb] heterometallic complexes

Salauat Kiraev, Diamantoula Maniaki, Annika Sickinger, Leoní A. Barrios, David Aguilà, Olivier Roubeau, Yannick Guyot, Olivier Maury, Laura Abad Galán* and Guillem Aromí*

8785



Plasmonic Pd nanoparticles at the electrode-semiconductor interface enhance the activity of bismuth vanadate for solar-driven glycerol oxidation

Junjie Xie, Brian Tam, YiChao Cai, Longren Li, Zhipeng Lin, Kaat Lambrecht, Artem A. Bakulin* and Andreas Kafizas*

CORRECTION

8800

Correction: UV-Vis-NIR response in a photochromic diarylethene-based spin crossover framework with heterogeneous Fe^{II}-Ag^I nodes

Ai-Qi Jian, Jia-Chuan Liu, Dan Li, Yu-Quan Qi, Si-Guo Wu* and Ming-Liang Tong*

RETRACTION

8801

Retraction: Upconversion fluorescence-based PDT nanocomposites with self-oxygenation for malignant tumor therapy

Yingling Xie, Yue Sun, Jiao Sun,* Yuda Wang, Siyao Yu, Bingshuai Zhou, Baigong Xue, Xianhong Zheng, Haipeng Liu* and Biao Dong

