

ISSN 1477-9226 CODEN DTARAF 52(19) 6197-6590 (2023)



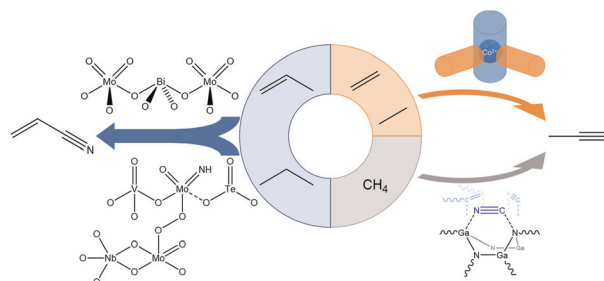
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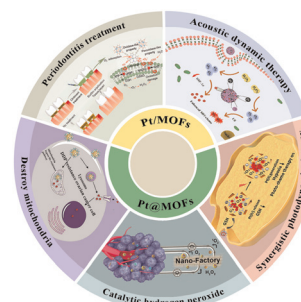
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6211

Korawich Trangwachirachai and Yu-Chuan Lin*



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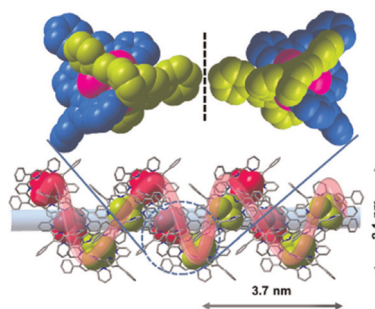


COMMUNICATIONS

6239

Secondary hierarchical complexity in double-stranded cluster helicates covered by NNNNN type pincer ligands

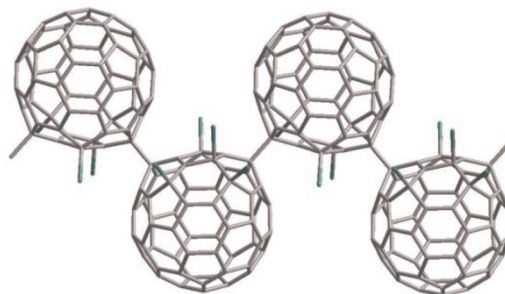
Wang-Chuan Xiao, Qing-Bin Nie* and Geng-Geng Luo*



6244

Dimeric and 1D polymeric low-chlorinated C₆₀ fullerenes, (C₆₀Cl₅)₂ and (C₆₀Cl₄)_∞

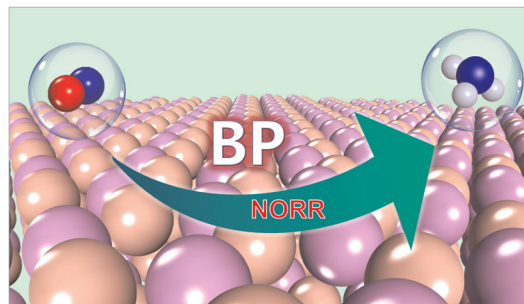
Victor A. Brotsman,* Nadezhda B. Tamm, Ilya N. Ioffe, Andrei A. Eliseev, Alexey A. Goryunkov, Konstantin A. Lyssenko and Sergey I. Troyanov



6248

A metal-free catalyst for electrocatalytic NO reduction to NH₃

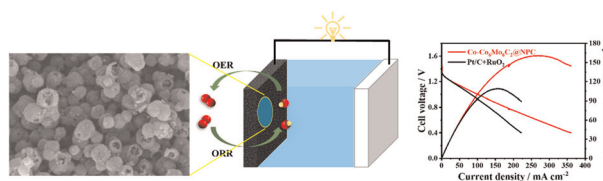
Guike Zhang, Yuying Wan, Hongyan Zhao, Yali Guo and Ke Chu*



6254

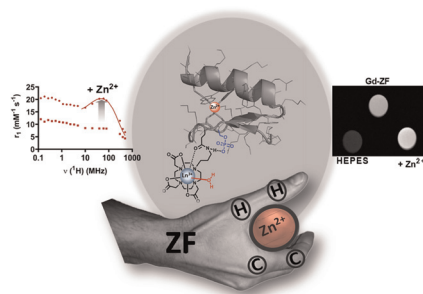
Nano bowl-like cobalt–cobalt molybdenum carbide coated by N,P co-doped carbon as an advanced bifunctional oxygen electrocatalyst for rechargeable Zn–air batteries

Yanqiang Li,* Huicheng Wang, Hai An, Xuan Liu, Siru Chen and Xue-Zhi Song*



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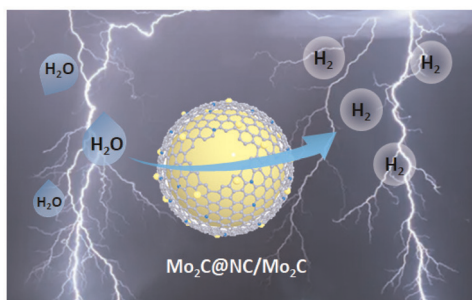
6260



A phosphorylated zinc finger peptide bearing a gadolinium complex for zinc detection by MRI

Kyangwi P. Malikidogo, Agnès Pallier, Frédéric Szeremeta, Célia S. Bonnet* and Olivier Sénèque*

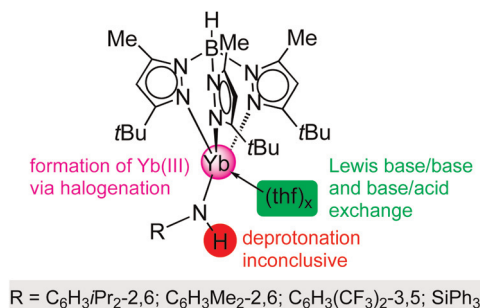
6267



Core-shell Mo₂C@NC/Mo₂C hollow microspheres as highly efficient electrocatalysts for the hydrogen evolution reaction

Xuefei Zhang, Tao Lei, Miao Xia, Qiao-Hua Wei* and Zailai Xie*

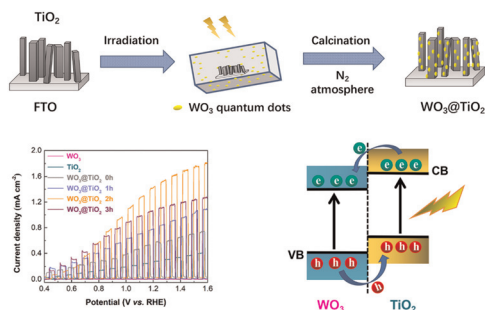
6273



Potential precursors for terminal ytterbium(II) imide complexes bearing the hydrotris(3-*tert*-butyl-5-methylpyrazolyl)borato ligand

Markus M. Katzenmayer, Felix Kracht, Căcilia Maichle-Mössmer and Reiner Anwander*

6284



Construction of WO₃ quantum dots/TiO₂ nanowire arrays type II heterojunction via electrostatic self-assembly for efficient solar-driven photoelectrochemical water splitting

Ning Zhang, Huili Li, Bo Yao, Shiyan Liu, Jun Ren, Yawei Wang, Zebo Fang,* Rong Wu* and Shunhang Wei*

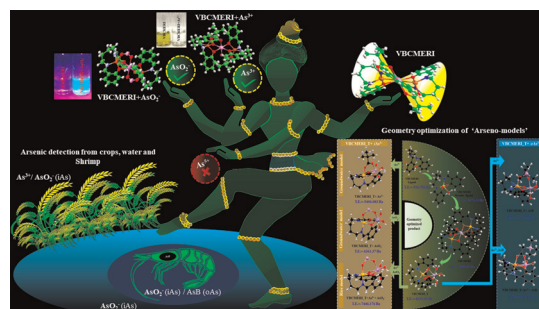


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6290

A strategically synthesized arseno-discriminatory tetra-phenoxido hetero-trinuclear complex envisioned for the recognition of iAs and oAs from *Oryza* sp. and aquatic crustaceans

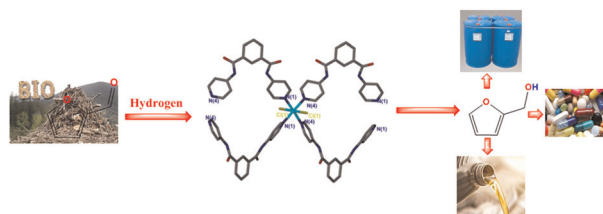
Somrita Nag, Koushik Pramanik,
Mohit Kumar Chattopadhyay, Pijush Malpaharia,
Swapan K. Chandra* and Priyabrata Banerjee*



6300

Selective Cu and Ni-MOFs as pre-catalysts for the hydrogenation of furfural to furfuryl alcohol

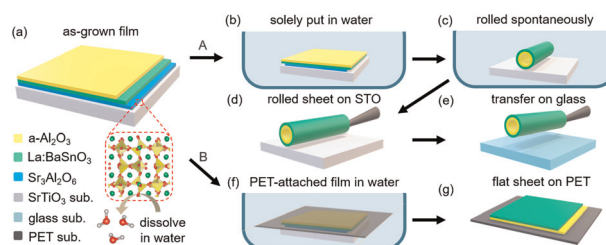
Pamela S. Moyo, Banele Vatsha, Gift Mehlana,*
Leah C. Matsinha* and Banothile C. E. Makhubela*



6317

Synthesis and transparent conductivity of crack-free La:BaSnO₃ epitaxial flexible sheets

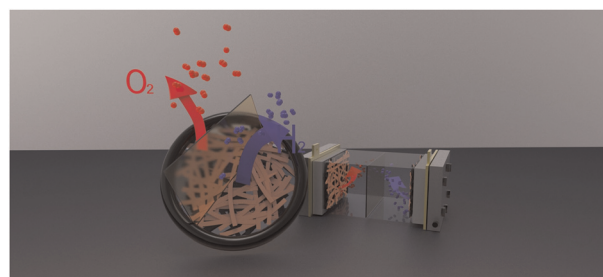
Lizhikun Gong, Rui Yu, Hiromichi Ohta and
Tsukasa Katayama*



6324

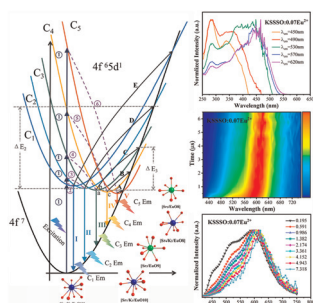
An electrochemically fabricated cobalt iron oxyhydroxide bifunctional electrode for an anion exchange membrane water electrolyzer

Seokjin Hong, Hyunki Kim, Ho Won Jang,*
Soo Young Kim* and Sang Hyun Ahn*



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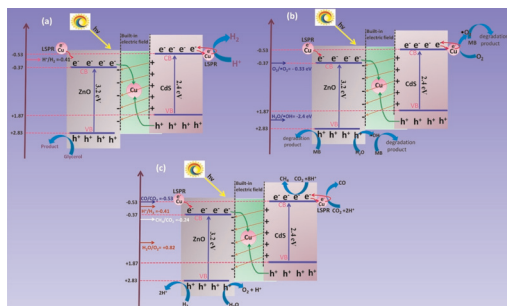
6331



Multiple site occupancy induced yellow-orange emission in an Eu^{2+} -doped $\text{KSR}_6\text{Sc}(\text{SiO}_4)_4$ phosphor towards optical temperature sensors

Wenjing Wang, Tao Tan, Shangwei Wang, Taixing Tan, Su Zhang,* Chengyu Li and Hongjie Zhang

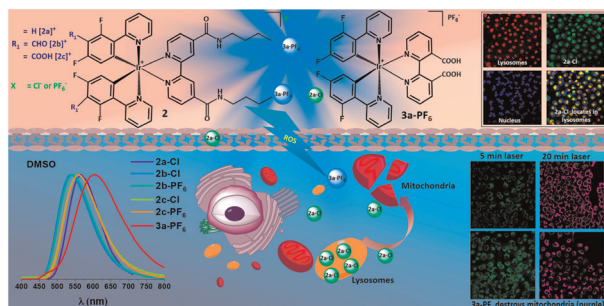
6343



A Cu medium designed Z-scheme ZnO-Cu-CdS heterojunction photocatalyst for stable and excellent H_2 evolution, methylene blue degradation, and CO_2 reduction

Irshad Ahmad,* Shazia Shukrullah, Muhammad Yasin Naz and Haq Nawaz Bhatti

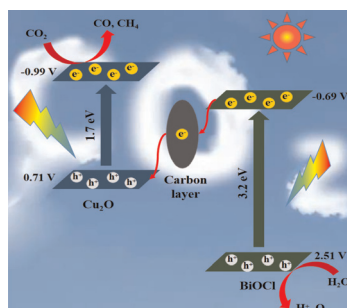
6360



A new family of luminescent iridium complexes: synthesis, optical, and cytotoxic studies

Gonzalo Millán, Mattia Nieddu, Iciar P. López, Cintia Ezquerro, Jesús R. Berenguer, Ignacio M. Larráyo, José G. Pichel* and Elena Lalinde*

6375



Fabrication and characterization of Z-scheme $\text{BiOCl/C/Cu}_2\text{O}$ heterojunction nanocomposites as efficient catalysts for the photocatalytic reduction of CO_2

Cheng Xia, Rui-tang Guo,* Zhe-xu Bi, Zhen-rui Zhang, Chu-fan Li and Wei-guo Pan

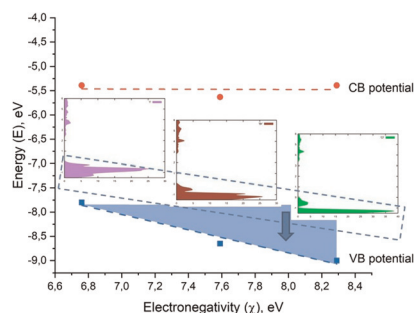


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6388

Crystal structure and electronic properties of low-dimensional hexamethylenediaminium lead halide perovskites

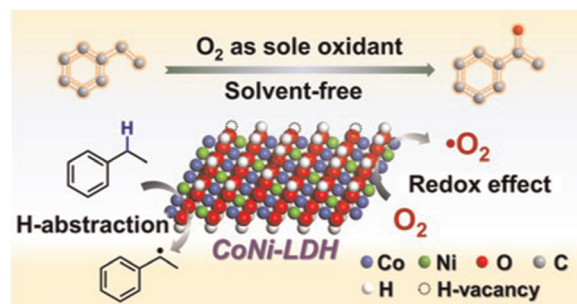
M. I. Balanov, O. A. Brylev, R. Kevorkyants, A. V. Emeline, N. I. Selivanov, Y. V. Chizhov, A. V. Syuy, D. S. Shtarev* and V. V. Korochencev



6398

Solvent-free oxidation of benzyl C–H to ketone with Co–Ni layered double hydroxide as the catalyst and O₂ as the sole oxidant

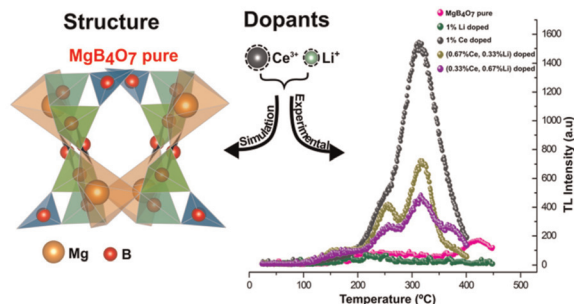
Jiali Ren, Yan Zhou, Hui Miao,* Chaoqun Wang, Shanshan Lv, Manman Song, Feng Li, Mengmeng Feng and Zheng Chen*



6407

Unlocking the effect of Li and Ce ions on the thermoluminescence and optically stimulated luminescence signals of the MgB₄O₇ compound

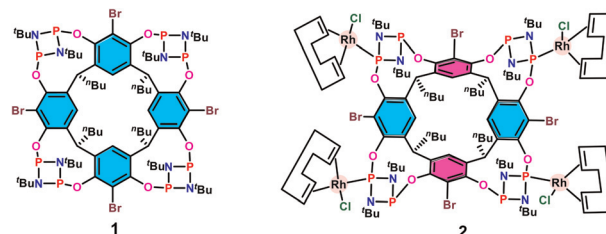
João V. B. Batista, Henrique Trombini, André Otsuka, Iury S. Silveira, Linda V. E. Caldas, Antonio O. de Souza, Adelmo S. Souza, Jorge L. O. Santos, Vinicius Coelho and Heveson Lima*



6420

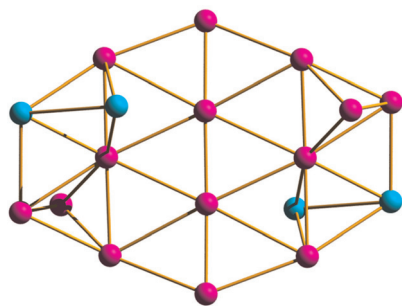
Synthesis and characterization of the cyclodiphosphazane embedded macrocycle tetrabromo-resorcin[4]arene-tetrakis(cyclodiphosphazane) and its tetra-rhodium(i) complex

Madhusudan K. Pandey, Sonu Sheokand and Maravanji S. Balakrishna*



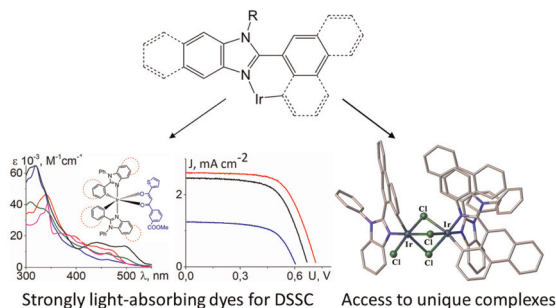
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6426

**Tetra-, tetradeca- and octadecametallic clusters of Mn**

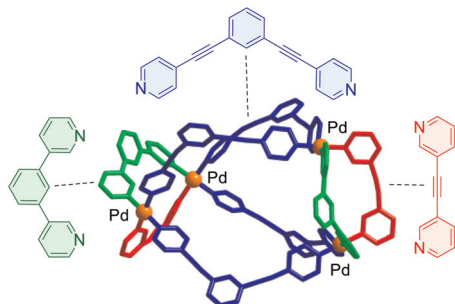
Eleftheria Agapaki, Angelos B. Canaj, Gary S. Nichol and Euan K. Brechin*

6435

**Tailoring the π -system of benzimidazole ligands towards stable light-harvesting cyclometalated iridium(III) complexes**

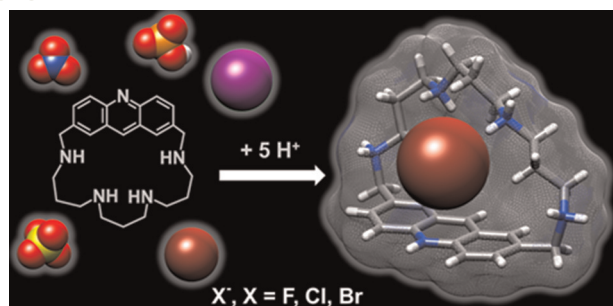
Sergei V. Tatarin, Daniil E. Smirnov, Ilya V. Taydakov, Mikhail T. Metlin, Victor V. Emets and Stanislav I. Bezzubov*

6451

**Construction of Pd-based coordination cages with three geometrically distinct ligands**

Ru-Jin Li, Jean de Montmollin, Farzaneh Fadaei-Tirani, Rosario Scopelliti and Kay Severin*

6457

**Inorganic anion recognition in aqueous solution by coupling nearby highly hydrophilic and hydrophobic moieties in a macrocyclic receptor**

Giammarco M. Romano, Matteo Savastano, Carla Bazzicalupi, Riccardo Chelli, Vito Lippolis and Andrea Bencini*

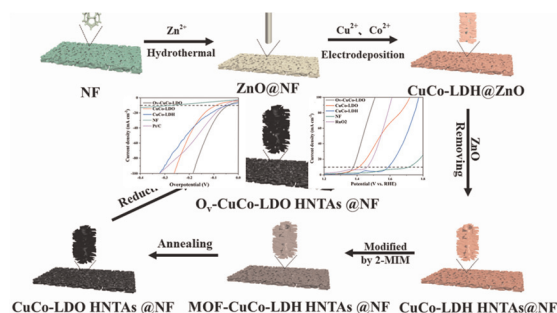


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6473

Structure and oxygen vacancy engineered CuCo-layered double oxide nanotube arrays as advanced bifunctional electrocatalysts for overall water splitting

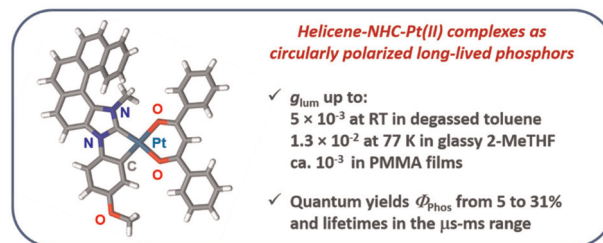
Zifeng Zeng, Zhifeng Gao, Zicheng Guo, Xiaowei Xu,* Yian Chen, Ying Li,* Dandan Wu,* Lin Lin,* Runping Jia and Sheng Han



6484

Enantiopure cycloplatinated pentahelicenic N-heterocyclic carbenic complexes that display long-lived circularly polarized phosphorescence

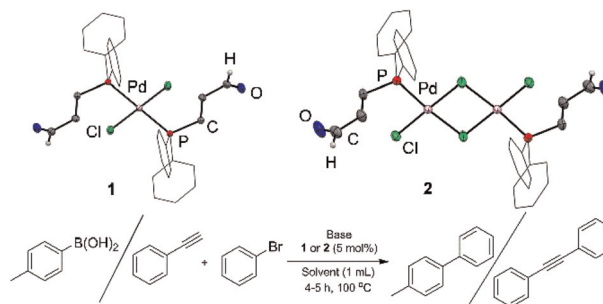
Debsouri Kundu, Natalia del Rio, Marie Cordier, Nicolas Vanthuyne, Emma V. Puttock, Stefan C. J. Meskers, J. A. Gareth Williams,* Monika Srebro-Hooper* and Jeanne Crassous*



6494

Metal phosphine aldehyde complexes and their application in Cu-free Sonogashira and Suzuki–Miyaura cross-coupling reactions

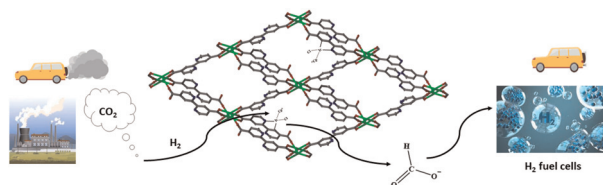
Saral Baweja, Tom Gabler, Peter Lönnecke and Evamarie Hey-Hawkins*



6501

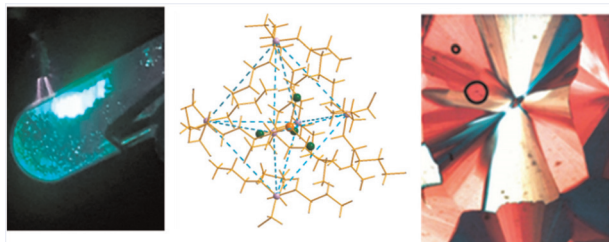
Two novel metal–organic frameworks functionalised with pentamethylcyclopentadienyl iridium(III) chloride for catalytic conversion of carbon dioxide to formate

Maureen Gumbo, Banothile C. E. Makhubela* and Gift Mehlana*



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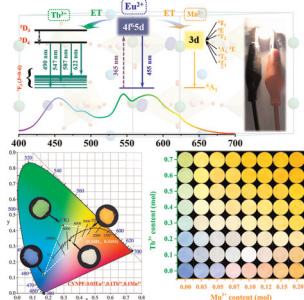
6515



Enhanced stability and complex phase behaviour of organic-inorganic green-emitting ionic manganese halides

Brando Adranno, Veronica Paterlini, Volodymyr Smetana, Guillaume Bousrez, Alexander Ovchinnikov and Anja-Verena Mudring*

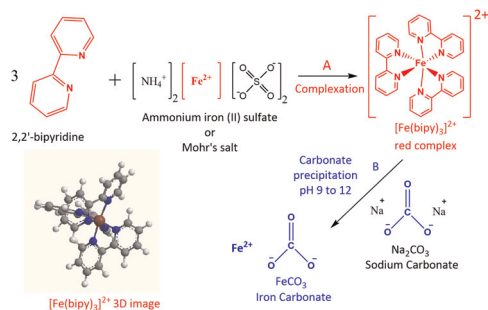
6527



Single-component full-color emitting $\text{Ca}_6\text{Y}_2\text{Na}_2(\text{PO}_4)_6\text{F}_2:\text{Eu}^{2+}, \text{Tb}^{3+}, \text{Mn}^{2+}$ phosphors with superior performance: color-tunable and energy transfer study

Bingye Zhang,* Ying Li, Jingli Liu, Yanli Ren, Shitian Ying, Jinsu Zhang* and Baojiu Chen

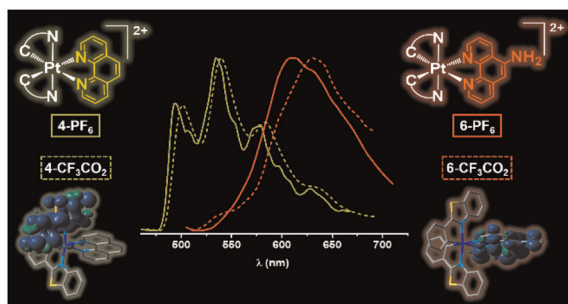
6536



Carbon dioxide sequestration by mineral carbonation *via* iron complexation using bipyridine chelating ligands

Javier F. Reynes,* Guy Mercier, Jean-François Blais and Louis-César Pasquier

6543



Phosphorescent 2-phenylbenzothiazole Pt^{IV} bis-cyclometalated complexes with phenanthroline-based ligands

Andrea Corral-Zorzano, David Gómez de Segura, Elena Lalinde* and M. Teresa Moreno*

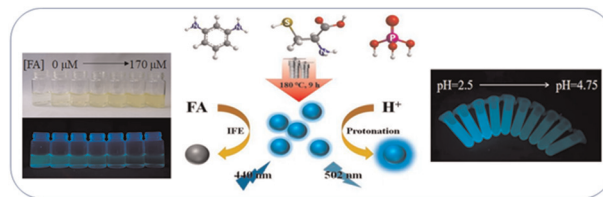


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6551

High luminescent N,S,P co-doped carbon dots for the fluorescence sensing of extreme acidity and folic acid

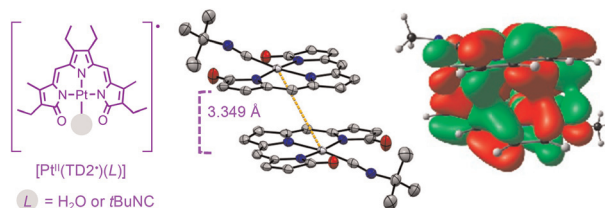
Wenjuan Dong, Lu Wang, Rongrong Zhang, Chaochao Wen, Ren Su,* Xiaojuan Gong and Wenting Liang*



6559

Multicenter interactions and ligand field effects in platinum(II) tripyrrindione radicals

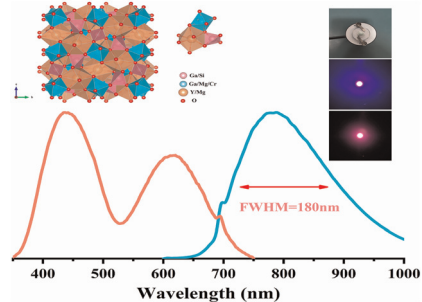
Elisa Tomat,* Clayton J. Curtis, Andrei V. Astashkin, Jeanet Conradie and Abhik Ghosh*



6569

Novel broadband NIR phosphors $\text{Y}_2\text{Mg}_2\text{Ga}_2\text{Si}_2\text{O}_{12}:\text{xCr}^{3+}$ for NIR LED applications

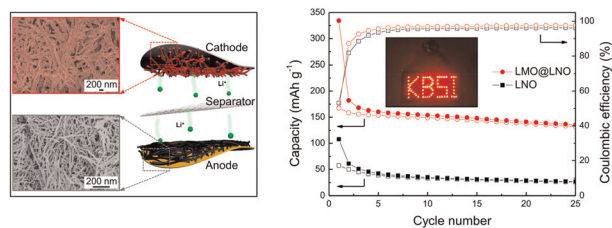
Shihao Wu, Heng Liang, Yan Li, Wanfang Zou, Zhijian Liao, Wei Wang* and Xinyu Ye*



6578

Rechargeable Li-ion full batteries based on one-dimensional Li-rich $\text{Li}_{1.13}\text{Mn}_{0.26}\text{Ni}_{0.61}\text{O}_2$ cathode and nitrogen-doped carbon-coated NiO anode materials

Jong Guk Kim, Yuseong Noh and Youngmin Kim*



CORRECTION

6588

Correction: Self-assembly of tripyrazolate-linked $[M_6L_2]$ cages for the selective sensing of HSO_3^- and gaseous SO_2 by turn-on fluorescence

Peipei Wang, Jin Tong,* Cong Meng, Qing Yuan, Wei Deng, Shu-Yan Yu* and Hong-Wei Ma

