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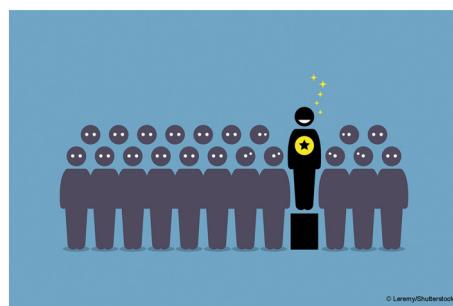
Cover

See Giulio Bresciani et al.,
pp. 4071–4080.
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27, 4071.

EDITORIAL

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Outstanding Reviewers for *CrystEngComm* in 2024

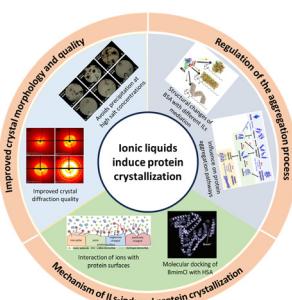


HIGHLIGHTS

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Advances in ionic liquid-mediated protein crystallization

Ziqi Liu, Yitong Li, Meixuan Li, Hui Guo, Xiaohui Liu, Yaning Wang, Yanxu Ma and Xiaoxi Yu*





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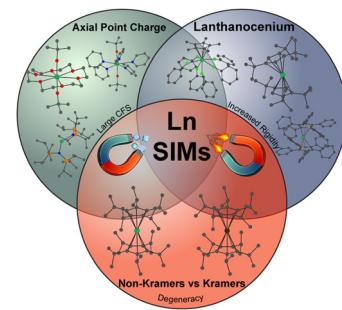


HIGHLIGHTS

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Advancements in mononuclear dysprosium-based single-molecule magnets *via* synthetic and molecular engineering

Jarrod R. Thomas* and Scott A. Sulway*

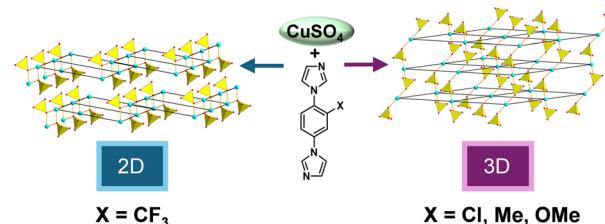


PAPERS

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Synthesis and structural characterisation of Cu^{II}-based MOFs constructed by combining functionalised 1,4-bis(1*H*-imidazol-1-*Yl*)benzene ligands with copper sulfate

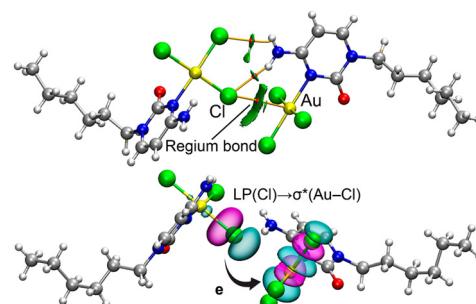
Giulio Bresciani,* Massimo Guelfi, Melodj Dosa, Virginia Guiotto, Valentina Crocellà, Marco Lessi and Marco Taddei*



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Synthesis, X-ray characterization, and DFT calculations of gold–nucleobase complexes: on the importance of regium bonds and anion–π interactions

Jordi Buils, Angel Terrón, Miquel Barceló-Olivier, Juan Jesús Fiol, Angel García-Raso, Rosa M. Gomila and Antonio Frontera*



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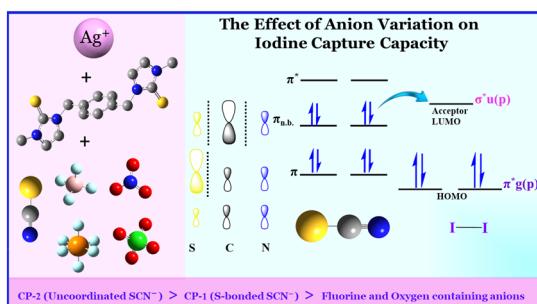
Synthesis, structural analysis, and properties of silver-based 1D and 3D coordination polymers

Rouf Ali Dar and Athar Adil Hashmi*



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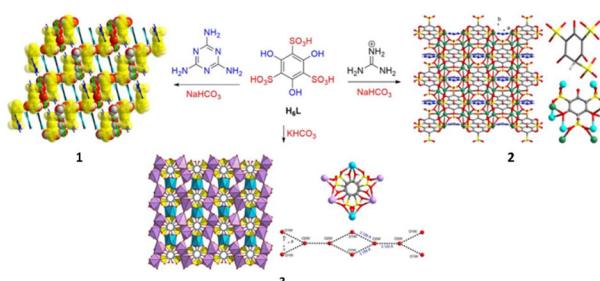
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Effect of anion variation on the iodine adsorption capacity of new silver(I)-dithione coordination polymers

Maryam Bahrani-Pour,* Azizolla Beheshti,^{*} Tahereh Sedaghat, Sepideh Samiee, Susan Soleymani-babadi, Fatemeh Shakeri, Jan Janczak and Emmanuele Parisi

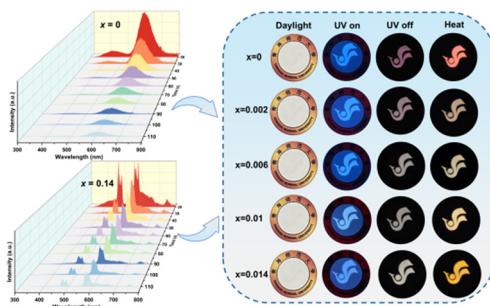
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Influence of organic and alkali metal cations over a crystal lattice of the benzenetrihydroxy trisulfonate ligand

Ranjay K. Tiwari, Jitendra Kumar and J. N. Behera*

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High-level anti-counterfeiting using a Dy³⁺ single-activated germanate afterglow phosphor with color-tunable luminescence and multi-mode reading

Wenxia Wang, Siyi Mo, Jihua Zhu, Bo Yin, Zhenbin Wang,* Mingjin Zhang and Weisheng Liu*

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Achieving excellent cycling stability in LiNi_{0.9}Co_{0.05}Mn_{0.05}O₂ by Mg²⁺ doping

Jiatai Wang,* Yan Wang, Xi Wen, Zhifeng Yan, Yansheng Rong and Jian Li

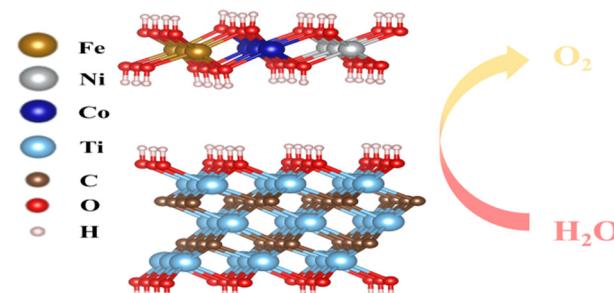


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Co doped NiFe LDH nanosheets *in situ* anchored on MXene for the highly efficient oxygen evolution reaction in water splitting

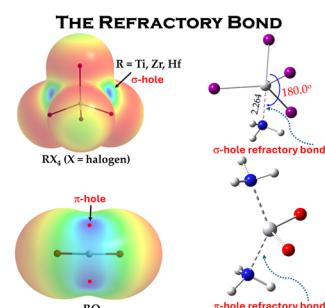
Wenping Dong, Bo Wei, Lifang Zhang, Zhe Zhang, Hongyu Yang, Yixuan Zhou, Xiaojun Pan, Xin Xia, Feng Ye* and Chao Xu



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Defining the refractory bond: exploring the nature and possibility of titanophilic, zirconophilic, and hafnophilic non-covalent interactions

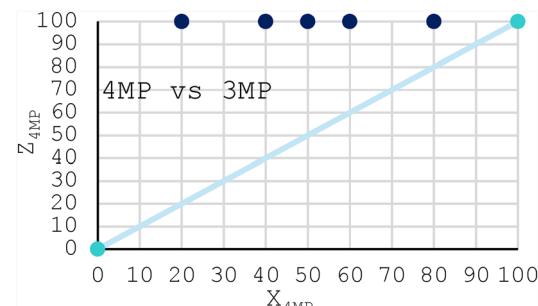
Pradeep R. Varadwaj,* Helder M. Marques, Manuel Fernandes, Ireneusz Grabowski and Koichi Yamashita



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The selectivity behaviour of 9,9'-bi fluorenyl-9,9'-diol as a host compound for highly efficient separations of mixed pyridines

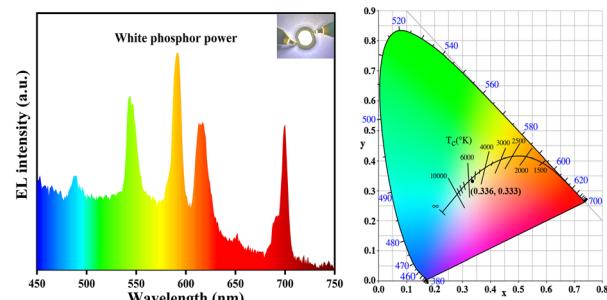
Jaime-lee Groenewaldt,* Benita Barton and Eric C. Hosten



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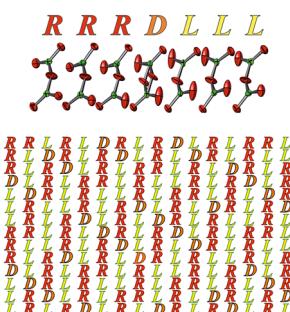
Synthesis and optical properties of lead-free white-light-emitting single-phase complexes

Yihan Li, Guangcan Tan, Xinyi Zhang, Qingrui Ma, Dawei Zhang and Honge Wu*



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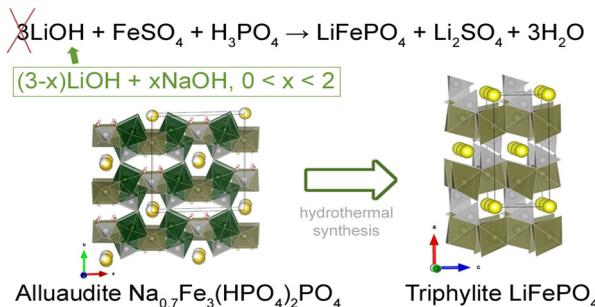
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Thermal evolution of the $\text{Ca}_2\text{B}_2\text{O}_5$ crystal structure through $\gamma \leftrightarrow \beta' \leftrightarrow \alpha$ phase transitions and the crystal structure of the incommensurately modulated β' -phase

Yu. O. Kopylova, S. N. Volkov,* M. G. Krzhizhanovskaya, A. M. Banaru, V. A. Yukhno, S. M. Aksenov and R. S. Bubnova

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Anna A. Kurashkina, Anastasia M. Alekseeva, Iana S. Soboleva, Alexey V. Sobolev, Andrey V. Mironov, Artem V. Marikutsa, Ivan V. Mikheev, Tatyana B. Shatalova, Igor A. Presniakov, Oleg A. Drozhzhin* and Evgeny V. Antipov

