

CrystEngComm

A journal at the forefront of the design and understanding of solid-state and crystalline materials

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Cover

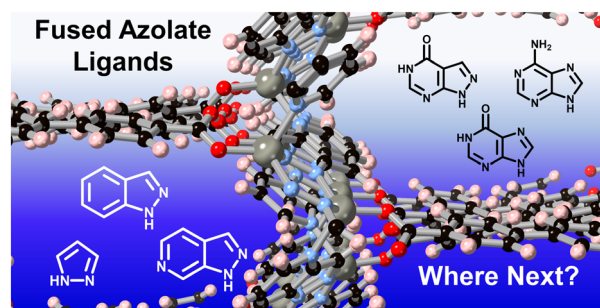
See Lucy Hunter *et al.*, pp. 8208–8212.
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HIGHLIGHT

8197

Fused aza-heterocyclic ligands: expanding the MOF chemist's toolbox

Oskar G. Wood and Chris S. Hawes*

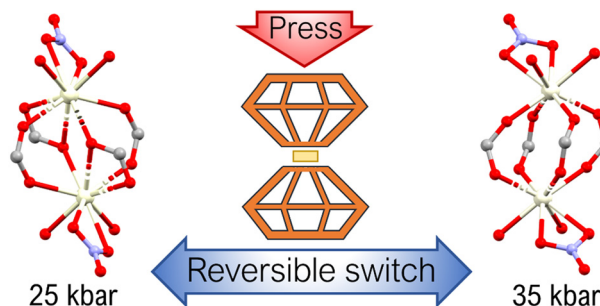


COMMUNICATIONS

8208

A reversible pressure-induced bond rearrangement of flexible lanthanide 2,5-bis(allyloxy)terephthalate coordination polymer networks

L. R. Hunter,* J. D. Sellars and M. R. Probert*



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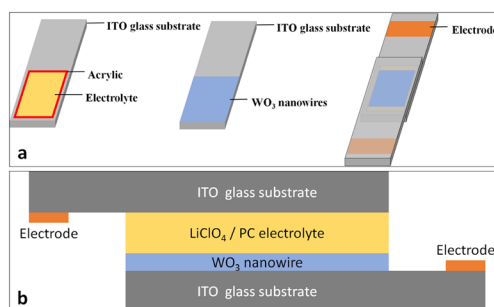
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COMMUNICATIONS

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Catalyst-free synthesis of tungsten oxide nanowires via thermal evaporation for fast-response electrochromic devices

Chih-Hao Wang, Hsi-Kai Yen, Shu-Meng Yang and Kuo-Chang Lu*

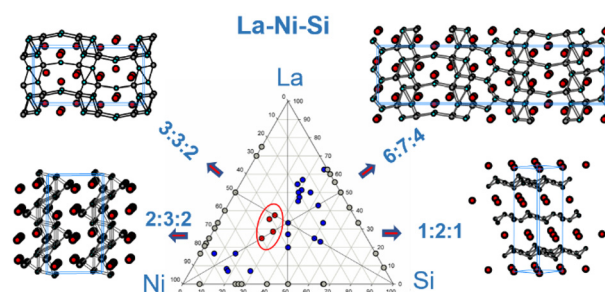


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Four ternary silicides in the La-Ni-Si system: from polyanionic layers to frameworks

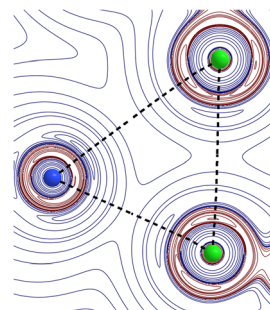
Marcella Pani,* Alessia Provino, Volodymyr Smetana, Vitalii Shtender, Cristina Bernini, Anja-Verena Mudring* and Pietro Manfrinetti*



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The amphoteric role of nitrogen in the NX_2 unit within crystals

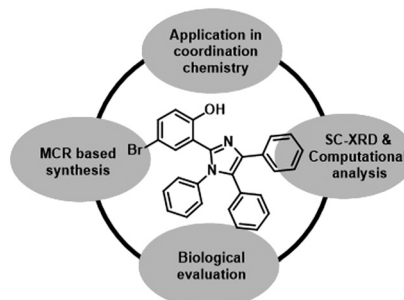
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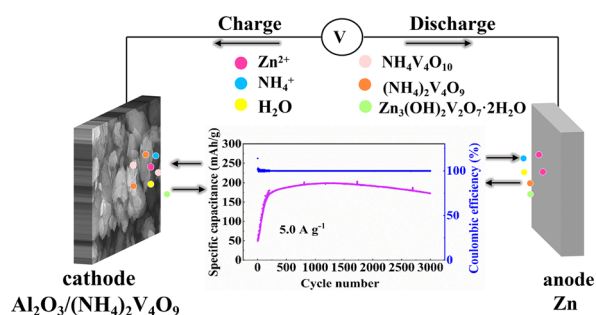
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Synthesis, antimicrobial potential and computational studies of crystalline 4-bromo-2-(1,4,5-triphenyl-1H-imidazole-2-yl)phenol and its metal complexes

Abu Bakar Siddique, Saeed Ahmad, Muhammad Ashraf Shaheen, Akbar Ali,* Muhammad Nawaz Tahir, Lucas Campos Vieira, Shabbir Muhammad and Saifeldin M. Siddeeq



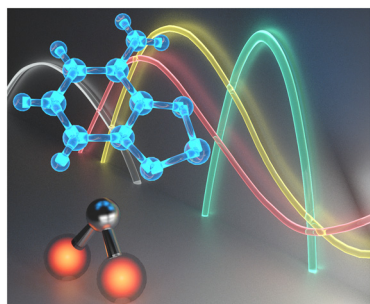
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Constructing an $\text{Al}_2\text{O}_3/(\text{NH}_4)_2\text{V}_4\text{O}_9$ heterostructure as a cathode material for high performance aqueous rechargeable zinc ion batteries

Lu Zhang, Lihua Hou, Rui Sheng, Di Li, Yuanxiang Gu* and Lei Wang*

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The effect of halides and coordination mode of 4-amino-2,1,3-benzothiadiazole on the luminescence properties of its Zn complexes

Ekaterina K. Pylova, Radmir M. Khisamov, Denis A. Bashirov, Taisiya S. Sukhikh* and Sergey N. Konchenko

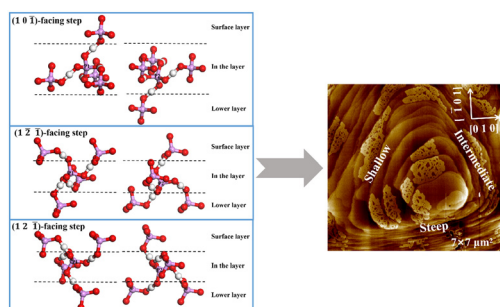
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Coordination polymers and molecular complexes of group 13 metal halides with bis-pyridylethane: comparison with rigid N-containing ligands

Nikita Y. Gugin, Alexander V. Virovets, Eugenia Peresypkina, Elena I. Davydova and Alexey Y. Timoshkin*

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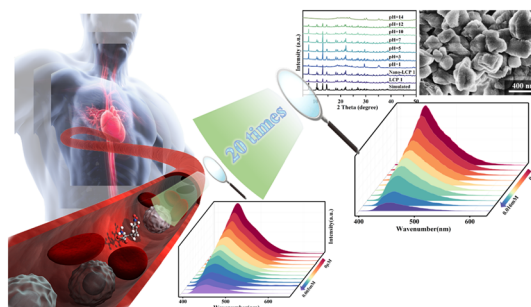
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Longyun Xu, Shenglai Wang,* Guangwei Yu, Hui Liu, Liyuan Zhang and Xianglin Li

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Improvement of the fluorescent sensing biomarker 3-nitrotyrosine for a new luminescent coordination polymer by size regulation

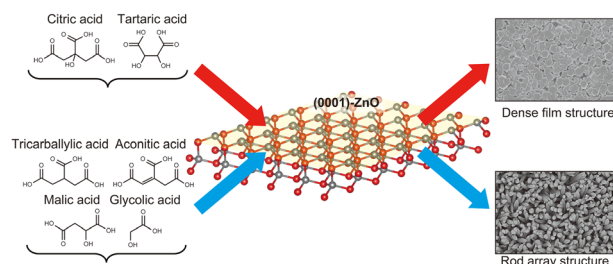
Jun Geng, Hongyan Lin, Xiaohui Li, Junjun Lu and XiuLi Wang*



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Non-seed chemical bath deposition of ZnO films in a rotating continuous flow reactor with various carboxylic acids and their application to transparent conductive films

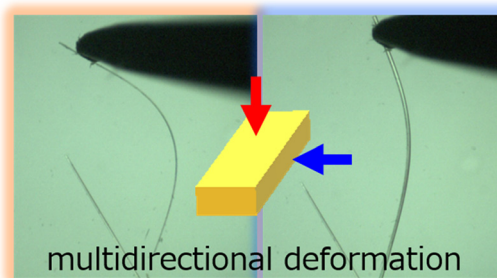
Hajime Wagata,* Naoya Shioiri, Yuya Tanaka, Ryo Yokogawa and Atsushi Ogura



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Multi-faceted elastic flexibility of 1-naphthyl and 9-anthryl 2,2':6',2''-terpyridine crystals

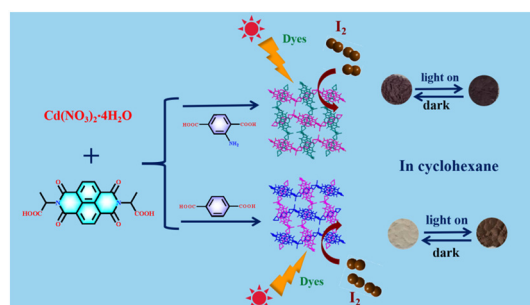
Sotaro Kusumoto,* Karin Oishi, Manabu Nakaya, Ryo Suzuki, Masaru Tachibana, Yang Kim, Yoshihiro Koide* and Shinya Hayami*



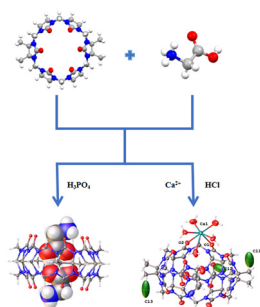
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Construction of naphthalene diimide-based cadmium complexes and their application in iodine adsorption, photochromism, and photocatalysis

Ming Yang Sun, Feng Ying Bai,* Qing Lin Guan,* Yong Heng Xing and Fen Xu



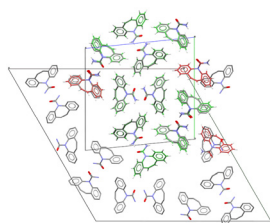
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Host–guest inclusion complexes formed between a symmetrical tetrasubstituted cucurbit[6]uril and glycine

Shang-Wei Yuan, Pei-Hui Shan, Mao-Xiao Yang, Pei-Hua Ma, Timothy J. Prior, Carl Redshaw,* Gang Wei,* Zhu Tao and Xin Xiao*

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Same or Different?

VC-PWDF	COMPACK	
	same	different
same	60.30%	1.94%
different	0.90%	36.86%

Development and assessment of an improved powder-diffraction-based method for molecular crystal structure similarity

R. Alex Mayo, Alberto Otero-de-la-Roza and Erin R. Johnson*