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Cover

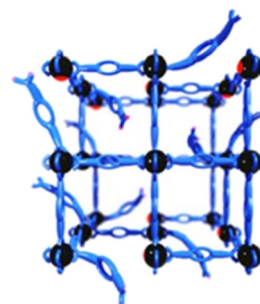
See Ilich A. Ibarra *et al.*, pp. 6100–6107.
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HIGHLIGHT

6100

Dynamic metal–ligand bonds in MFM-300: the use of semi-open metal sites to “teach an old dog new tricks”

Ricardo A. Peralta* and Ilich A. Ibarra*

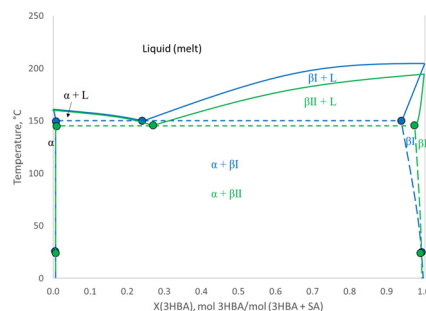


PAPERS

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Impurity-induced acceleration of polymorphic conversion *via* crystalline solid solutions and the T–X phase diagrams of salicylic acid and 3-hydroxybenzoic acid

Tao Zhang, Francesco Ricci, Fateme Molajafari, Seyed Sepehr Mohajerani, Mitchell Paoello and Fredrik L. Nordstrom*



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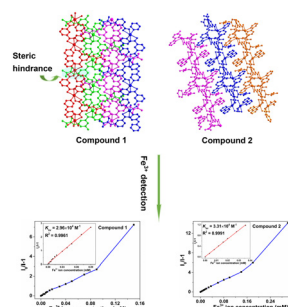
Fundamental questions
Elemental answers



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Effects of the recognition sites of MOFs on turn-off fluorescence detection of Fe³⁺

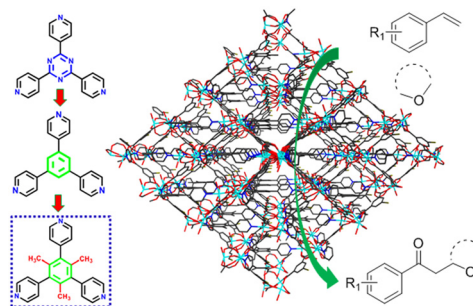
Senlin Li, Yanan Gu, Bo Zhao, Haocheng Cai, Zhuo Zhao, Qiaozhen Sun* and Bingguang Zhang*



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Controllable assembly over two Co^{II}-based coordination polymers: structures and catalytic properties towards the alkene oxyalkylation reaction

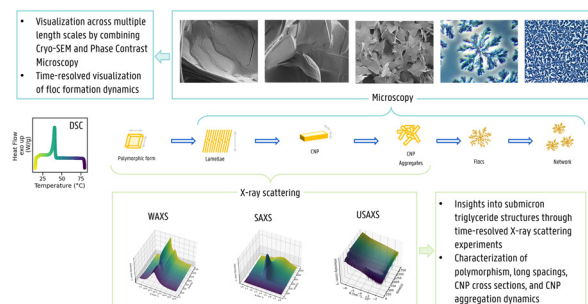
Li-Mei Xu, Qian Wang, Lin Zhang, Jin-Qiu Shen, Xiao-Lu Chen, Jian-Yong Zhang* and Zhen-Jiang Liu*



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Unravelling the hierarchical structure of saturated monoacid triglycerides during crystallization – a comprehensive time-resolved X-ray scattering study

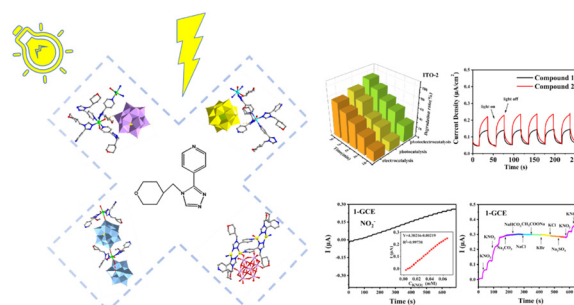
Ivana A. Penagos, Fien De Witte, Tom Rimaux, Koen Dewettinck and Filip Van Bockstaele*



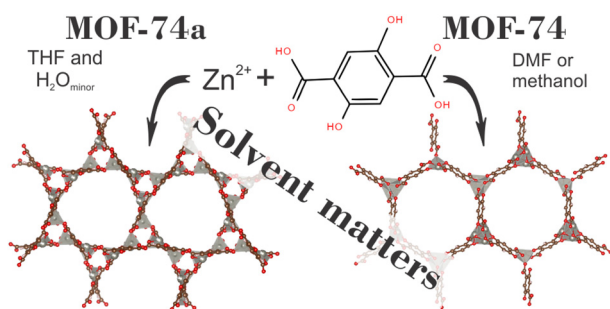
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A series of polyoxometalate compounds: syntheses, characterization, electrochemical sensing and photocatalytic properties

Yuan Gong, Tao Liu, Aixiang Tian,* Jun Ying and Mengle Yang*



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Some aspects of MOF-74 (Zn_2DOBDC) metal-organic framework formation using THF as the solvent

Alena A. Starodubtseva, Vladislav A. Dubrovskiy, Seilbek D. Malik, Konstantin A. Lyssenko, Aliya M. Sembayeva, Aleksandr A. Morontsev, Alina K. Galeyeva and Ivan A. Trussov*

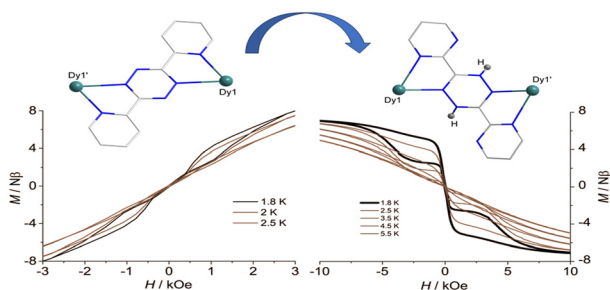
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T. Aventin, A. Nehari, D. Forest, J. Degallaix, C. Dujardin, G. Cagnoli and K. Lebbou

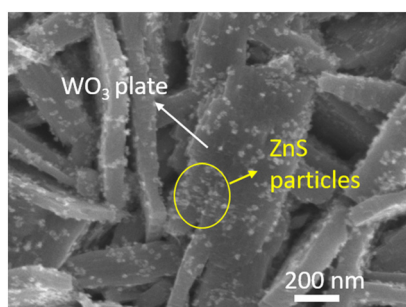
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Dinuclear lanthanide molecular magnetic materials bridged by tetrazine derivatives containing N6 and N8 atom sites display slow magnetic relaxation behavior

Ji-Tun Chen, Rui Guo, Yi-Quan Zhang* and Wen-Bin Sun*

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Developing a vulcanization approach to functionalize WO_3 nanoplatform photocatalysts with sulfide crystals for improved photoelectrochemical properties and environmental cleanup

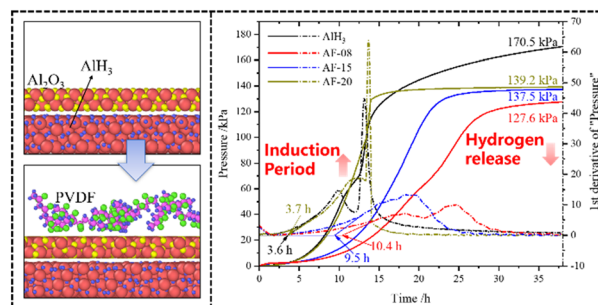
Yuan-Chang Liang* and Hui-Yun Huang



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Reactivity and stabilization mechanisms of AlH_3 crystals coated with polyvinylidene difluoride

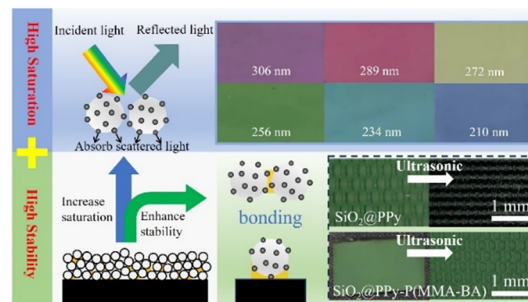
Yiran Zhang, Haorui Zhang, Minghui Yu and Qi-Long Yan*



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Achieving saturated non-iridescent structural colors via island-like polypyrrole coating on SiO_2 microspheres and enhancing their stability through a melt-curing strategy

Shanxiang Sheng, Meng Wu, Chao Zhi, Yongzhen Wang, Jiaguang Meng and Yaming Liu*



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Two polyoxovanadates for visible light driven photocatalytic performance

Li Huang, Yufan Yang, Xiaoyang Yu, Xiaonan Li, Yuan Shen, Runhong Song and Hong Zhang*

