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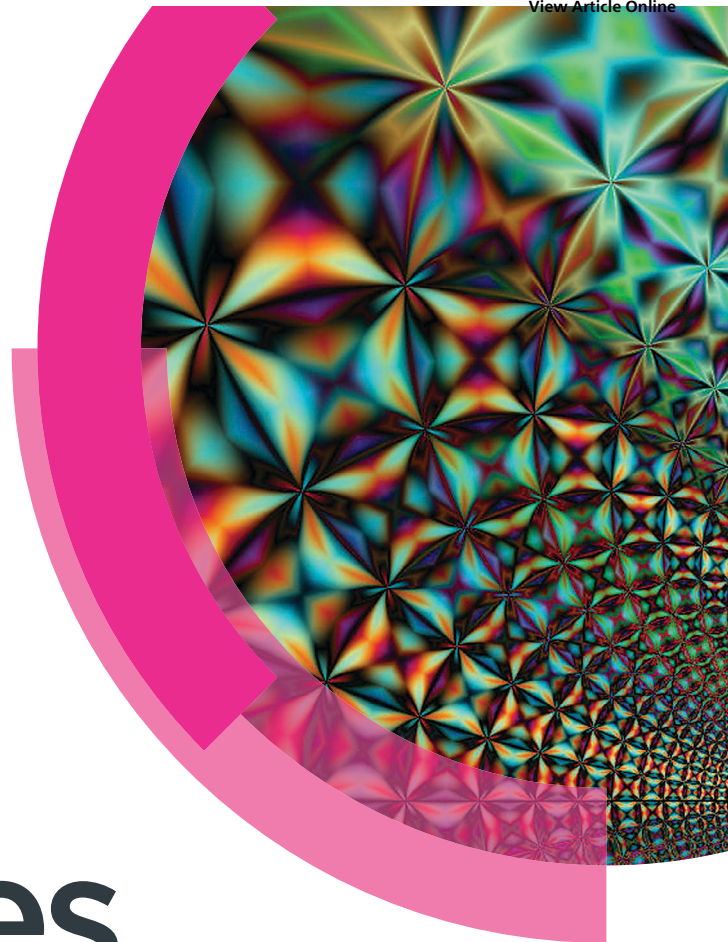


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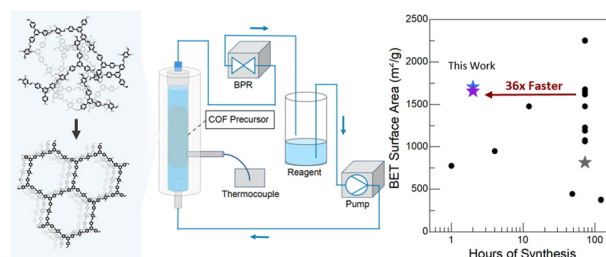


## COMMUNICATION

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## Covalent organic framework crystallization using a continuous flow packed-bed reactor

Dayanni D. Bhagwandin, John H. Dunlap, Ly D. Tran, Alexander Reidell, Drake Austin, Amelia A. Putnam-Neeb, Morgan Loveday, Rahul Rao, Luke A. Baldwin\* and Nicholas R. Glavin\*

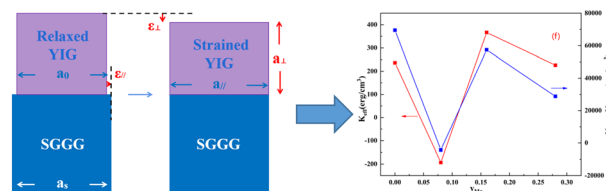


## PAPERS

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## Perpendicular magnetic anisotropy and magneto-optical properties of Bi,Mn:YIG epitaxial films

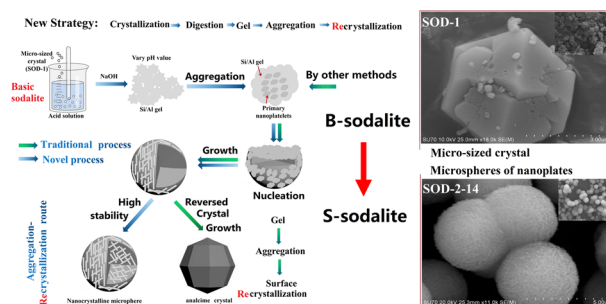
Jiewen Jiang, Yun Dai, Jiamin Shang, Zhen Zhang, Liangbi Su, Maojie Cheng, Dunlu Sun,\* A. Stupakiewicz and Anhua Wu\*



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## A facile recrystallization strategy for fabrication of nanocrystalline microspheres of sulfatic sodalite with high thermal stability

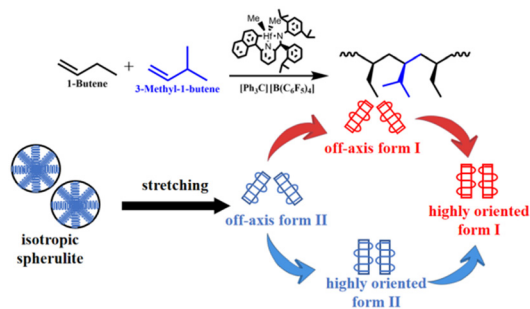
Xiu-Zhen Xie, Yuanming Pan and Jin-Xiao Mi\*



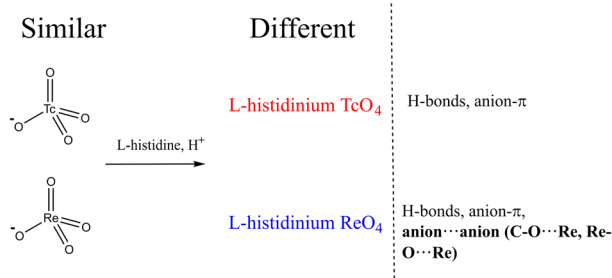
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## Utilizing 3-methyl-1-butene co-units to tailor phase transition behavior in butene-1 copolymers

Jiazheng Shen, Wei Li,\* Ruijun Zhao, Yingzhuo Liu and Zhe Ma\*



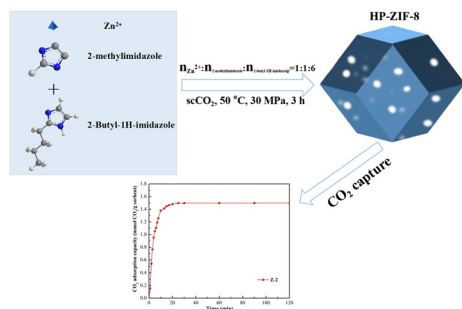
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What kind of interactions we may get moving from zwitter to “dritter” ions:  $C-O\cdots Re(O_4)$  and  $Re-O\cdots Re(O_4)$  anion $\cdots$ anion interactions make structural difference between L-histidinium perrhenate and pertechnetate

Anton P. Novikov,\* Alexey V. Safonov, Konstantin E. German and Mikhail S. Grigoriev

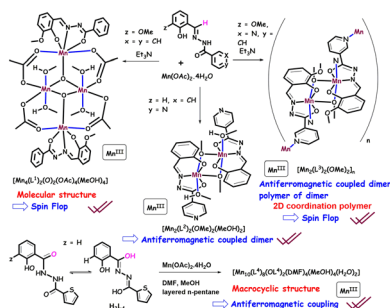
70



Fabrication of hierarchically porous ZIF-8 using a competitive ligand *via* a one-step method in supercritical  $CO_2$  and its application for  $CO_2$  adsorption

Zhen Li, Bo He and Shaokun Tang\*

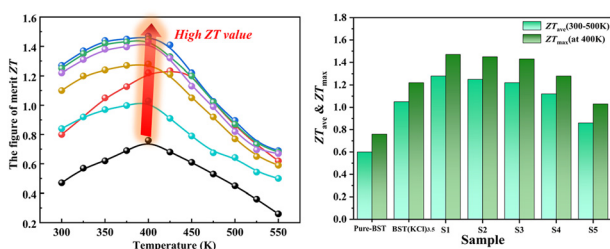
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Assembly of  $Mn^{III}$  ions into di-, tetra-, deca-nuclear coordination complexes, zero- to three-dimensional molecular frameworks: molecular spin flop to and short-range bulk magnetic spin flop ordering

Jayasree Kumar, Ibtesham Tarannum, Yan-Zhen Zheng,\* Saurabh Kumar Singh\* and Kartik Chandra Mondal\*

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Ultralow thermal conductivity and high thermoelectric performance induced by multiscale lattice defects in Cu-doped BST alloys

Yaohui Liu, Yu Tang, Yonggui Tao, Ying Zhang, Lanxian Shen, Wen Ge and Shukang Deng\*



## CORRECTION

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**Correction: Constructing chiral MOFs by functionalizing 4,2':6',4''-terpyridine with long-chain alkoxy domains: examples of *dia* nets**

Y. Maximilian Klein, Alessandro Prescimone, Mateusz B. Pitak, Simon J. Coles, Edwin C. Constable and Catherine E. Housecroft\*

