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EDITORIAL

Crystal engineering in Africa

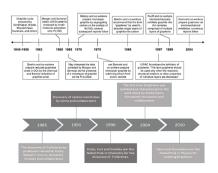
Susan A. Bourne, Delia A. Haynes and Patrice Kenfack Tsobnang



HIGHLIGHT

Durability of S- and N-doped graphene nanoplatelets for electrode performance in solidstate batteries

Vijay Kumar Srivastava, Stefanos Mourdikoudis,* Jalal Azadmanjiri,* Parshant Kumar and Zdeněk Sofer*







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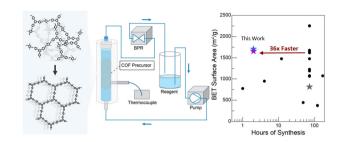
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COMMUNICATION

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*

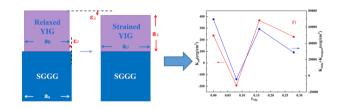


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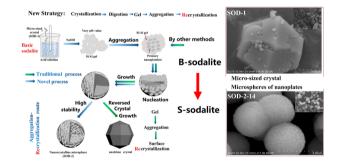
Perpendicular magnetic anisotropy and magnetooptical properties of Bi, Mn: YIG epitaxial films

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



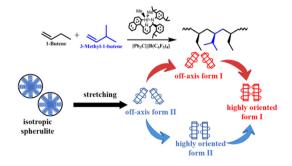
A facile recrystallization strategy for fabrication of nanocrystalline microspheres of sulfatic sodalite with high thermal stability

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



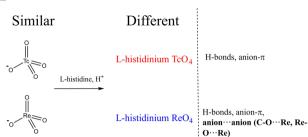
Utilizing 3-methyl-1-butene co-units to tailor phase transition behavior in butene-1 copolymers

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



PAPERS

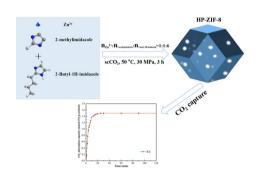
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What kind of interactions we may get moving from zwitter to "dritter" ions: C-O···Re(O₄) and Re-O···Re(O₄) anion···anion interactions make structural difference between L-histidinium perrhenate and pertechnetate

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

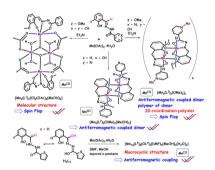
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Fabrication of hierarchically porous ZIF-8 using a competitive ligand via a one-step method in supercritical CO₂ and its application for CO₂ adsorption

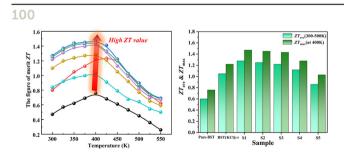
Zhen Li, Bo He and Shaokun Tang*

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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*



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*