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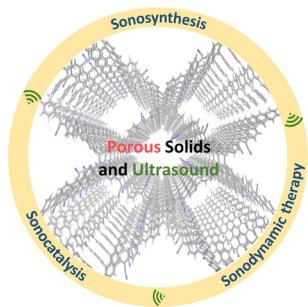
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HIGHLIGHT

5994

Emerging porous solids and sonochemistry

Seyoung Koo* and Dong Won Kang*

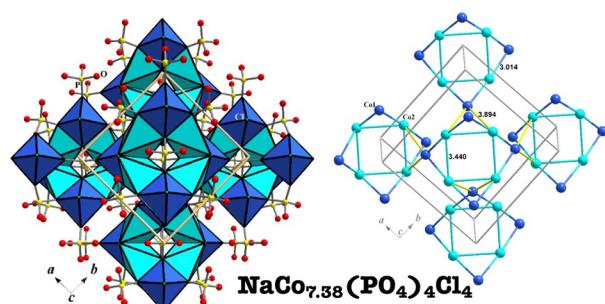


PAPERS

6006

$\text{NaCo}_{7.38}(\text{PO}_4)_4\text{Cl}_4$ in a series of homeotype compounds with stable cationic substructures derived from the sulphohalite archetype

Olga Yakubovich,* Galina Kiriukhina, Sergei Simonov, Anatoliy Volkov and Olga Dimitrova



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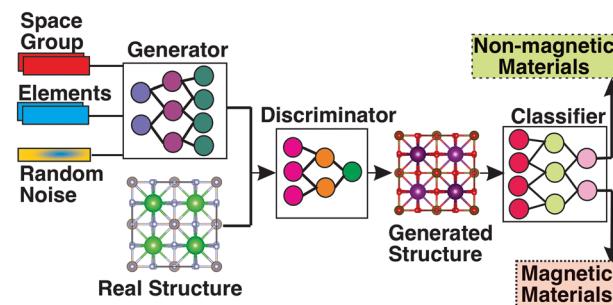


PAPERS

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Data-driven deep generative design of stable spintronic materials

Edirisuriya M. Dilanga Siriwardane, Yong Zhao and Jianjun Hu*



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Dinuclear and trinuclear cyano-bridged $\{\text{Dy}^{\text{III}}\text{M}^{\text{IV}}\}$ ($\text{M} = \text{W}, \text{Mo}$) single-ion magnets supported by pentadentate Schiff-base ligands

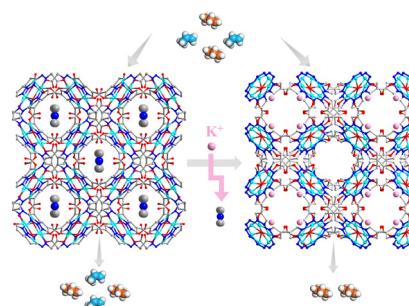
Pan-Dong Mao, Hui-Ying Sun, Fei-Fei Yan, Shi-Hui Zhang, Xin-Feng Li, Ren-He Zhou, Yi-Quan Zhang, Yin-Shan Meng* and Tao Liu*



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Cation exchange in an anionic metal-organic framework enhancing propylene/propane separation

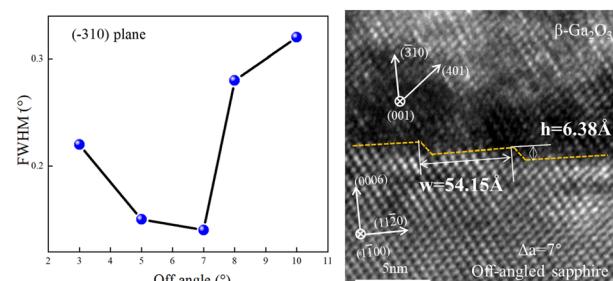
Xue Zhang, Hui-Juan Tang, Min Zeng, Rong Yang, Yu Wang* and Kai-Jie Chen*



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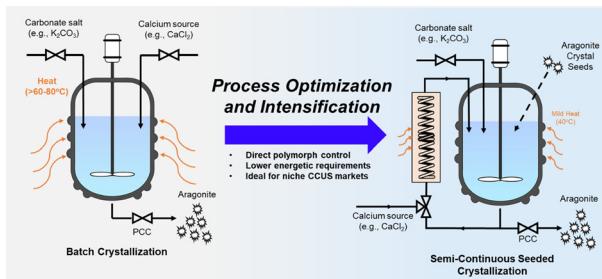
($\bar{3}10$)-Oriented $\beta\text{-Ga}_2\text{O}_3$ grown on (0001) sapphire by halide vapor phase epitaxy: growth and structural characterizations

Wanli Xu, Yuewen Li, Bin Li, Xiangqian Xiu,* Hong Zhao,* Zili Xie, Tao Tao, Peng Chen, Bin Liu, Rong Zhang* and Youdou Zheng



PAPERS

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Directed synthesis of aragonite through semi-continuous seeded crystallization methods for CO₂ utilization

Jonah M. Williams, Diandian Zhao, Ning Zhang, Aysha Chin, Shiho Kawashima and Aaron J. Moment*

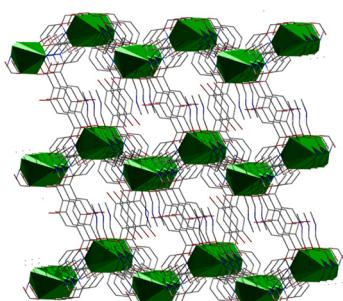
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Fabrication of 5-R-isophthalic acid-modulated cadmium-organic coordination polymers and selectivity for the efficient detection of multiple analytes

Wen-Ze Li, Yu-Shu Sheng, Xiao-Sa Zhang, Yu Liu, Jing Li and Jian Luan*

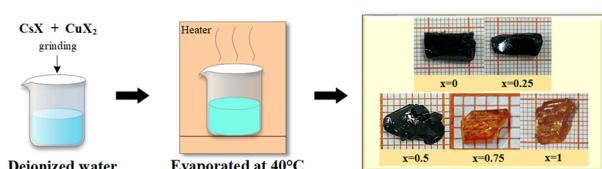
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Synthesis and characterisation of new coordination polymers by combining 2-pyridyl oximes or alcohols with functionalised terephthalic acid analogues

Foteini Dimakopoulou, Constantinos G. Efthymiou, Andreas Kourtellaris, Ciaran O'Malley, Lamis Alaa Eldin Refat, Anastasios Tasiopoulos, Patrick McArdle and Constantina Papatriantafyllopoulou*

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Growth of large Cs₂Cu(Cl, Br)₄ single crystals

Jing Huang, Minghao Li, Zhanhui Liu, Jingyan Hua, Hui Zeng, Yunyun Chen and Jing Su*

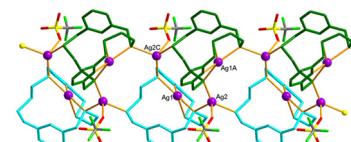


PAPERS

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Assembling silver(I) coordination polymers of an NS_4 -macrocycle *via* an endo/exocyclic coordination mode

Seulgi Kim,* Shim Sung Lee, Joon Rae Kim and Eunji Lee*



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Interface segregation of iron sintering aid in gadolinium-doped ceria

Marina Machado, Andre L. da Silva, Letícia P. R. Moraes, Lays N. Rodrigues, Lorena B. Caliman, Douglas Gouvêa and Fabio C. Fonseca*

