

CrystEngComm

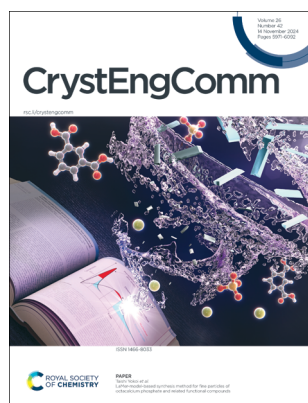
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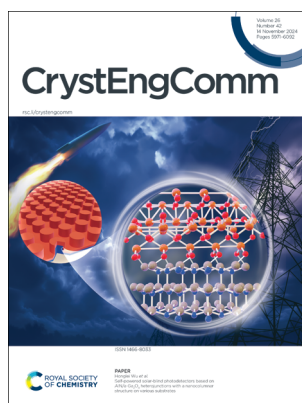
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Cover
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pp. 6008–6016.
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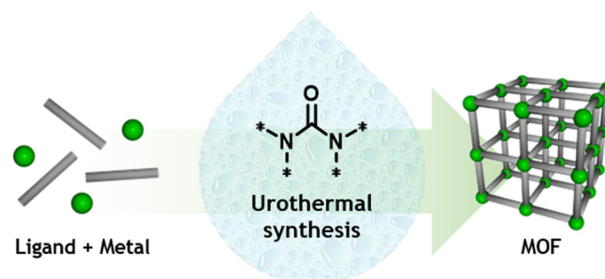
Inside cover
See Honglei Wu *et al.*,
pp. 6017–6024.
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HIGHLIGHT

5978

Urothermal synthesis of metal–organic frameworks

Michaël Teixeira and Stéphane A. Baudron*

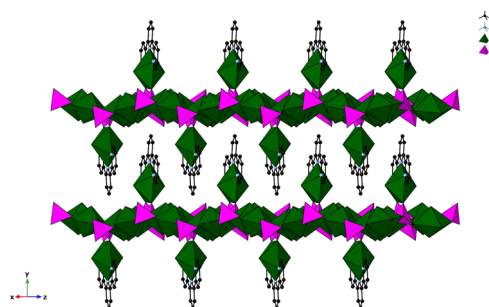


COMMUNICATIONS

5991

Hydrothermal synthesis and structure of organically templated layered neptunyl(vi) phosphate $(\text{NpO}_2)_3(\text{PO}_4)_2(\text{Terpy})$

Lei Zhang,* Yu Wang, Mengyu Xu, Alex M. Kokot, Jie Qiu and Peter C. Burns



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**Fundamental questions
Elemental answers**

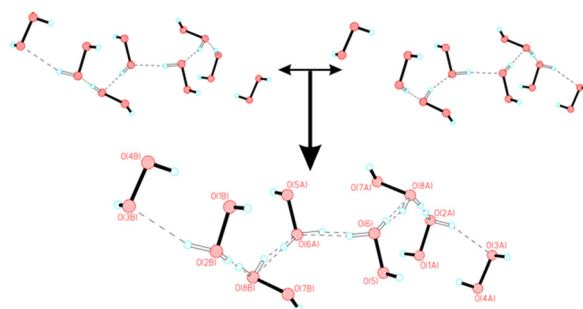


COMMUNICATIONS

5996

Three peroxomorphous H_2O_2 adducts of antibiotic furacin: the first cases of 2D hydrogen-bonded peroxide layers and concerted flip-flop hydrogen disorder of peroxide species

Andrei V. Churakov*

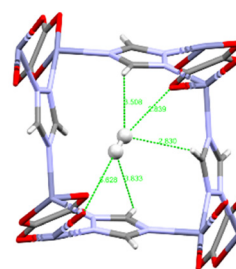


6003

Hydrogen storage of commercially scalable CALF-20: a study at cryogenic and near-ambient temperatures

Ashley L. Sutton,* M. Munir Sadiq, James I. Mardel and Matthew R. Hill

Hydrogen in CALF-20

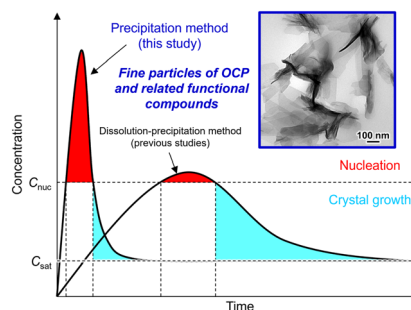


PAPERS

6008

LaMer-model-based synthesis method for fine particles of octacalcium phosphate and related functional compounds

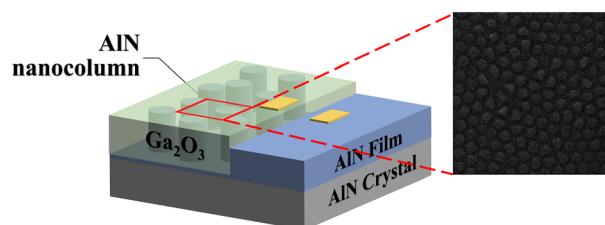
Taishi Yokoi,* Tomoyo Goto, Tohru Sekino, Tomoka Hasegawa, Peng Chen, Hiroyasu Kanetaka, Kaname Yoshida, Masaya Shimabukuro and Masakazu Kawashita



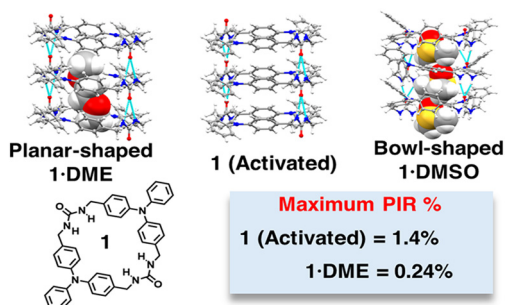
6017

Self-powered solar-blind photodetectors based on $\text{AlN}/\alpha\text{-Ga}_2\text{O}_3$ heterojunctions with a nanocolumnar structure on various substrates

Zhao Liu, Zelong Fan, Wenliang Li, Yuan Cao, Feihong Zhang, Zuoyan Qin, Zhenhua Sun, Baikui Li and Honglei Wu*



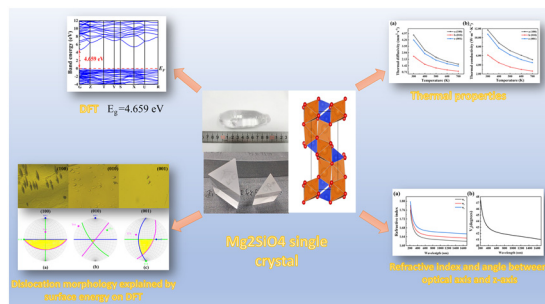
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Examination of photoinduced radicals in two crystal forms of triphenylamine bis-urea macrocycles

Md Faizul Islam, Gamage Isuri P. Wijesekera, Ammon J. Sindt, Mark D. Smith and Linda S. Shimizu*

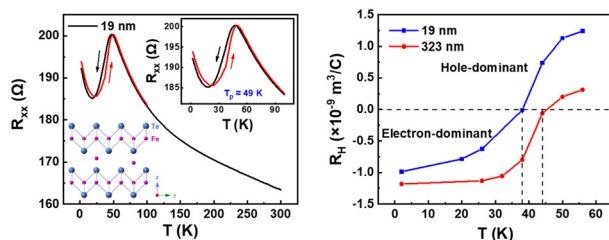
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Crystal growth, dislocation, thermodynamic and optical properties, and electronic structure of Mg₂SiO₄ single crystals

Wenli Qian, Mingliang Yang, Qingli Zhang,* Guihua Sun,* Rui Zhang, Xiaofei Wang, Renqin Dou, Wenpeng Liu and Yu Sun

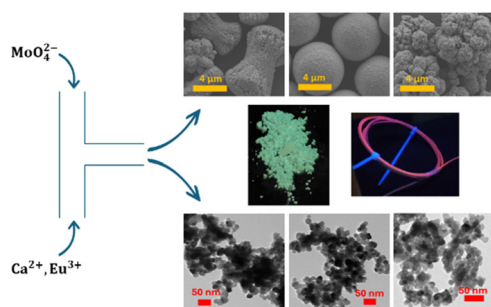
6045



Single crystal growth and electrical transport of two-dimensional van der Waals antiferromagnetic Fe_{1.3}Te

Gaojie Zhang, Ahmed Annas, Wenyu Lei, Hao Wu, Li Yang, Wen Jin, Bichen Xiao, Jie Yu, Wenfeng Zhang and Haixin Chang*

6052



Eu(III)-doped calcium molybdate nano- and microstructures: microfluidic synthesis and morphology tuning via solvent dielectric constant and viscosity control

Pietro Ostellari, Francesca Tajoli, Ilaria Fortunati, Tommaso Carofiglio, Denis Badocco, Paolo Pastore and Silvia Gross*

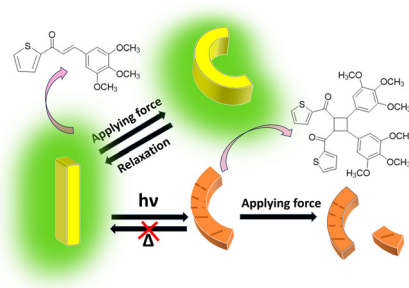


PAPERS

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Photoinduced irreversible transformation from elastic to bent brittle crystals: importance of the reaction pathway in the irreversibility of the molecular movement

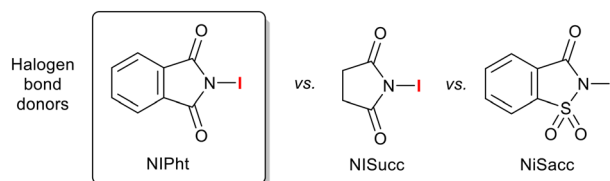
Shilpa Munthikkot, Srinu Tothadi and Sumy Joseph*



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N-Iodophthalimide as a halogen bond donor, a comparison with *N*-iodosuccinimide and *N*-iodosaccharin

Ie-Rang Jeon, Olivier Jeannin, Antoine Robert, Frédéric Barrière and Marc Fourmigué*



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Effect of the interchain interaction on the crystallization kinetics and crystal structure of polylactic acid under nitrogen

Qianyun Peng, Shaojie Li, Feng Liu, Guangxian Li and Xia Liao*

