

CrystEngComm

A journal at the forefront of the design and understanding of solid-state and crystalline materials

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See Shenglai Wang *et al.*, pp. 5506–5512.
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EDITORIAL

5504

Biomolecular crystal engineering

Claudia Pigliacelli and Pierangelo Metrangolo

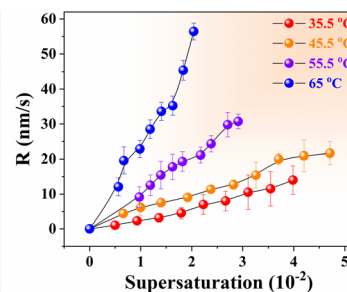
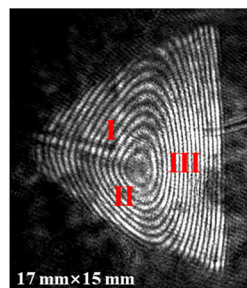


PAPERS

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Anisotropy of growth hillocks on KDP crystal (101) faces observed by *in situ* interferometry

Xianglin Li, Shenglai Wang,* Weidong Li, Hui Liu, Longyun Xu and Liyuan Zhang



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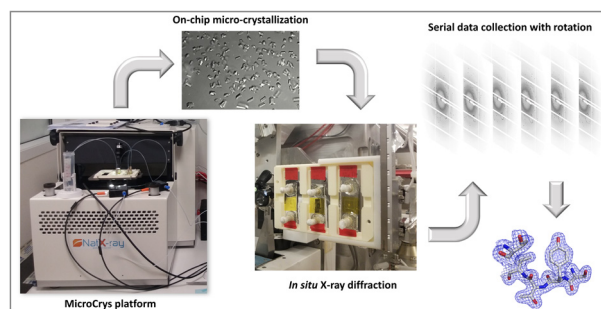


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Microdialysis on-chip crystallization of soluble and membrane proteins with the MicroCrys platform and *in situ* X-ray diffraction case studies

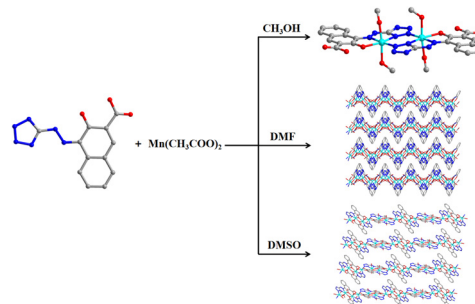
Sofia Jaho, Yoann Sallaz-Damaz
and Monika Budayova-Spano*



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Solvent effect on the structures of three manganese complexes based on azotetrazole-3-hydroxy-2-naphthoic acid: synthesis, structures, and magnetic and fluorescent properties

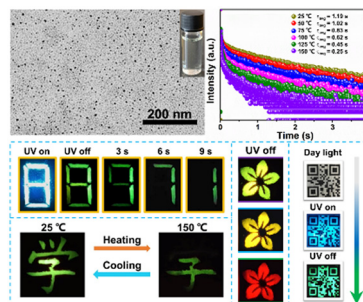
Yun-Jing Zhong, Zhi-Jian Ouyang, Xiao-Man Kuang,
You-Hong Li, Wen-Bin Chen,* Meng Yang*
and Wen Dong*



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Long-lived fluorinated boron-nitride dots exhibiting room-temperature phosphorescence and high-temperature resistance

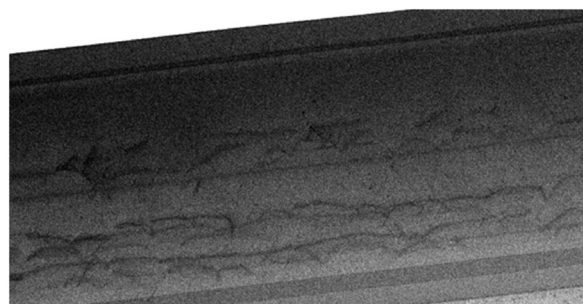
Xu Zhang, Shenghui Han, Gang Lian,* Deliang Cui
and Qilong Wang



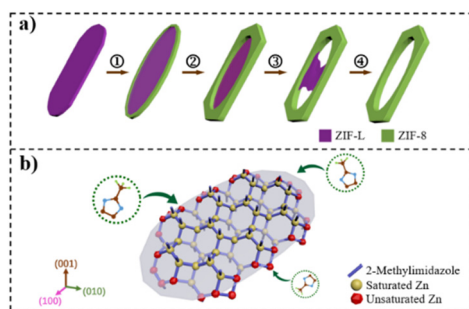
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Molecular beam epitaxy of InAs quantum wells on InP(001) for high mobility two-dimensional electron gases

Anna Aleksandrova,* Christian Golz, Klaus Biermann,
Achim Trampert, Mykhaylo Semtsiv, Helmut Weidlich,
William Ted Masselink and Yukihiro Takagaki



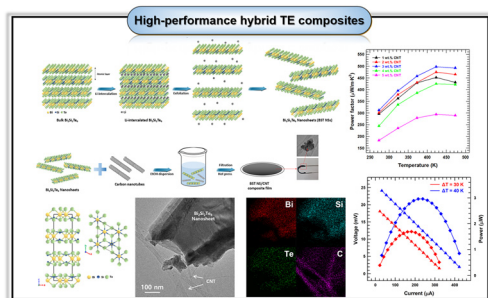
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Synthesis of metal-organic framework microrings via an anisotropic growth-etching approach

Yue Zhang, Rong Deng, Ling Yuan, Chaoqi Zhang,*
Jing Wang* and Chao Liu*

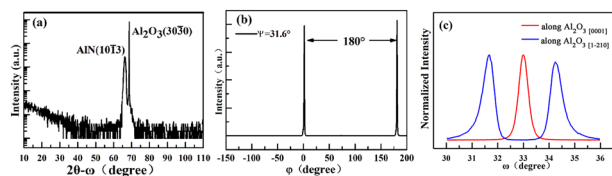
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Preparation of carbon nanotube/inorganic nanoparticle composite films: CNTs with exfoliated Bi₂Si₂Te₆ nanosheets for carbon-based thermoelectric generator applications

Dabin Park, Minsu Kim and Jooheon Kim*

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Formation mechanism of (10-13) AlN twins on *m*-plane sapphire substrates at high temperature by hydride vapor phase epitaxy

Xu Li, Almazroi Salwa, Ting Liu, Yong Lu
and Ji-Cai Zhang*

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Cocrystallization of multi-kinase inhibitor pazopanib with fenamic acids: improving dissolution and inhibiting cell migration

Sunil K. Raj,* Anilkumar Gunnam, Debopriya Roy,
Raveena Rajput, Kiran Kulkarni and Ashwini K. Nangia*

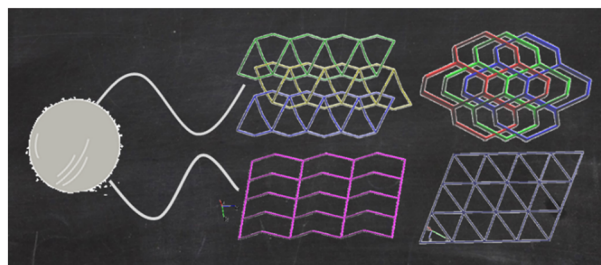


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Formation of entangled Co(II) coordination polymers based on bis-pyridyl-bis-amide and angular dicarboxylate ligands: a structural comparison

Wei-Chun Huang, Wei-Hao Chen, Chia-Ling Chen, Tsung-Te Liao, Yi-Wun Chen and Jhy-Der Chen*



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Hydrothermal synthesis of nanosized Sn-beta zeolites by interzeolite transformation for glucose isomerization

Jiaxing Zhang, Haoyi Lin, Guojun Lv,* Weiping Liao, Hongying Lü, Zhiguo Zhu* and Kaixuan Yang*

