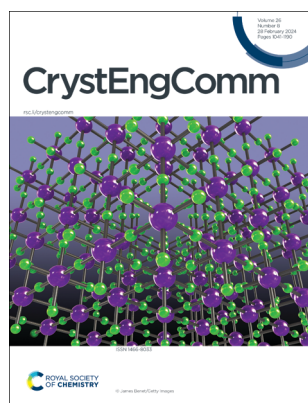


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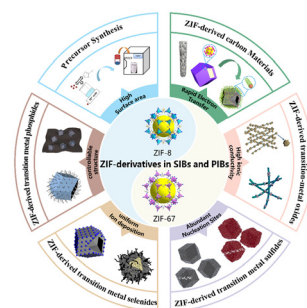
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HIGHLIGHT

1049

Zeolitic imidazolate framework derivatives as anode materials for sodium and potassium-ion batteries: a mini review

Jianlin Huang, Zhenyu Wu, Wenhai Zeng, Zhaohui Xu,*
Lei Hu,* Yongbo Wu and Xiaoming Lin*

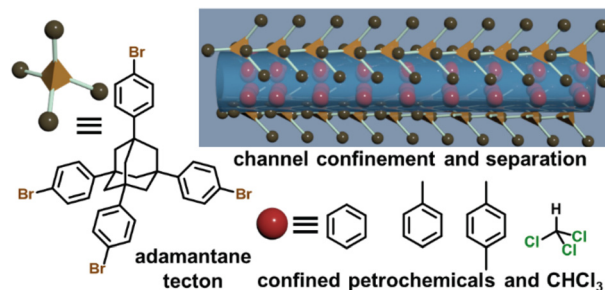


COMMUNICATIONS

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Channel confinement and separation properties in an adaptive supramolecular framework using an adamantane tecton

Nicholas Lutz, Josephine Bicknell, Jesus Daniel Loya,
Eric W. Reinheimer and Gonzalo Campillo-Alvarado*





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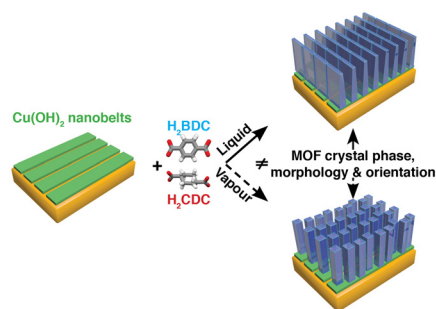


COMMUNICATIONS

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Polymorphism and orientation control of copper-dicarboxylate metal-organic framework thin films through vapour- and liquid-phase growth

Víctor Rubio-Giménez,* Francesco Carraro, Sebastian Hofer, Mario Fratschko, Timothée Stassin, Sabina Rodríguez-Hermida, Benedikt Schrode, Luisa Barba, Roland Resel,* Paolo Falcaro* and Rob Ameloot*

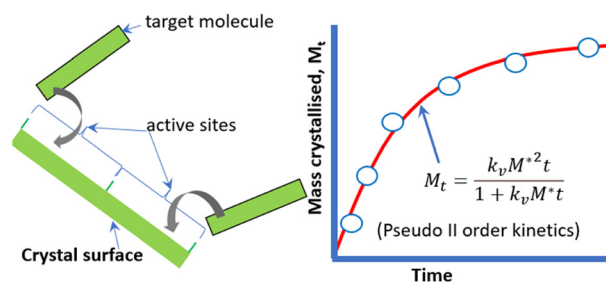


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Pseudo second order kinetic expression to predict the kinetics of the anomalous crystal growth of curcumin in impure solution

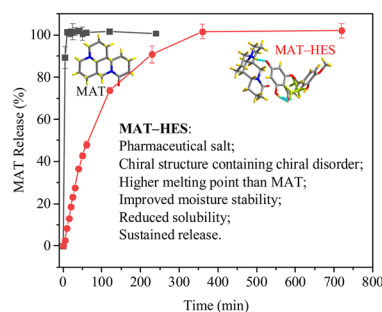
Mahmoud Ranjbar, Mayank Vashishtha, Srinivas Gadipelli, Kirankumar Ramisetty, Gavin Walker, Dan J. L. Brett and K. Vasanth Kumar*



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Sustained release of matrine via salt formation with hesperetin

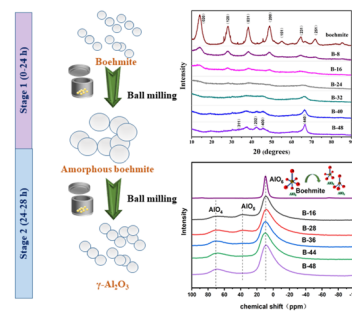
Yujing Zhu, Xiaojun Shi, Duanxiu Li, Shuang Li, Lin Wang, Zongwu Deng,* Shaohua Huang and Hailu Zhang*



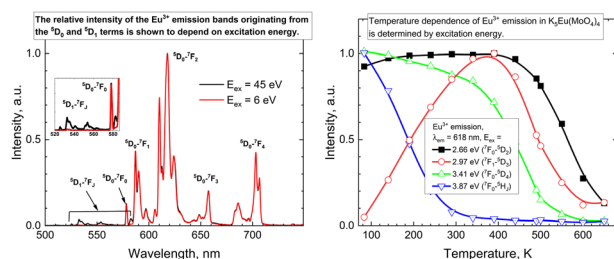
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Transformation process of boehmite to γ -Al₂O₃ induced by high-energy ball milling

Feijie Wu, Hailin Zhang,* Wenke Liu, Qiaoni Zhang, Qian Li, Shili Zheng and Ping Li*



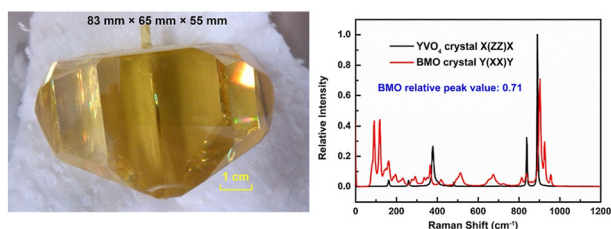
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Temperature dependent energy transfer to Eu^{3+} emission centres in $\text{K}_3\text{Eu}(\text{MoO}_4)_4$ crystals

Dmitry Spassky,* Andrey Vasil'ev, Muhammad Usama Jamal, Vladimir A. Morozov, Bogdan I. Lazoryak, Boris S. Redkin, Kirill Chernenko and Vitali Nagirnyi

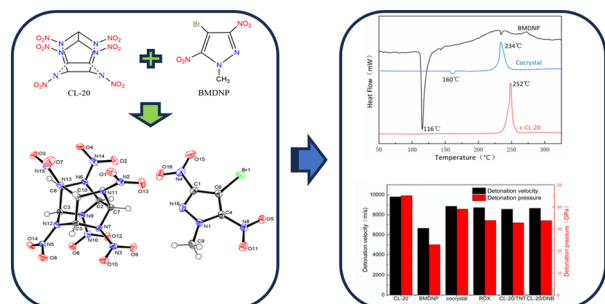
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Anisotropic Raman spectral analysis and laser output based on large-sized scheelite bismuth molybdate tungstate mixed crystals

Xiangxin Tian,* Lijuan Chen,* Peng Zhao, Youxuan Sun and Zeliang Gao*

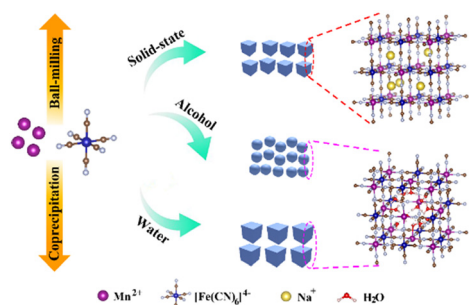
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High energy explosive with low sensitivity: a new energetic cocrystal based on CL-20 and BMDNP

Suming Jing,* Jiahao Deng, Cong Li, Yucun Liu, Jin Zhu, Yuanyuan Wang, Wei Zhang and Jia Liu

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Solid-state synthesis of diminutively granular and highly crystalline manganese hexacyanoferrate for a supercapacitor electrode

Hui Ju, Hongli Lang, Tengfei Yi, Ke Tian, Jianru Yue, Lin Hu, Ling Zhao, Shuxin Liu* and Dejian Kong*

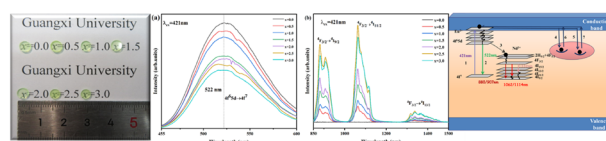


PAPERS

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Mechanism for the long afterglow in Eu_2O_3 and Nd_2O_3 co-doped SrAl_2O_4 single crystals

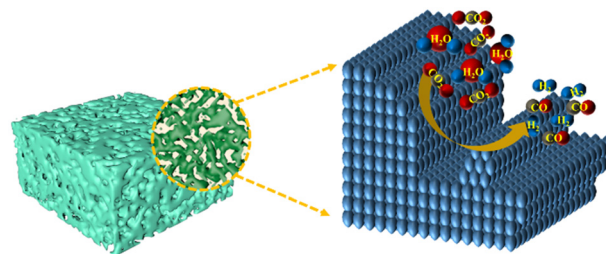
Qunyue Zhang, Yuchen Lu, Bernard A. Goodman, Jingwen Hou, Shanshan Ye, Bin Huang, Shoulei Xu, Wen Deng and Dingkang Xiong*



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Formation, control and functionalization of nanoporous zinc by selective corrosion of Al–Zn alloys with varying compositions

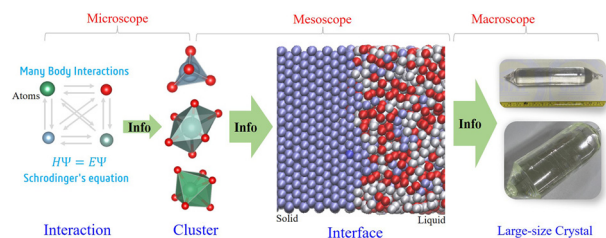
Xueying Zhang, Bin Yu, Chi Zhang* and Zhonghua Zhang*



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Theoretical models for large-sized crystal growth

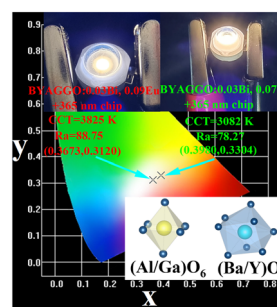
Feng Liu, Kunfeng Chen and Dongfeng Xue*



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Tunable emission and thermal sensitivity via energy transfer from Bi^{3+} to Eu^{3+} in $\text{BaY}_2\text{Al}_2\text{Ga}_2\text{GeO}_{12}$

Ye Jin,* Huayan Lin, Hongtao Chen, Fei Fang, Yuyan Li, Yanbin Xiong, Li Ma and Xiao-Jun Wang



Energetic Coordination Compounds

4-chloropyrazole
pyrazole $\text{Cu}(\text{NO}_3)_2$
 $\text{Cu}(\text{ClO}_4)_2$ Synthesis of energetic coordination compounds based on pyrazole and 4-chloropyrazole *via* co-melting crystallization method

Zu-Jia Lu, Ting-Wei Wang, Mou Sun, Mei-Qi Xu, Chao Zhang, Zhen-Xin Yi and Jian-Guo Zhang*

