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IN THIS ISSUE

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Cover

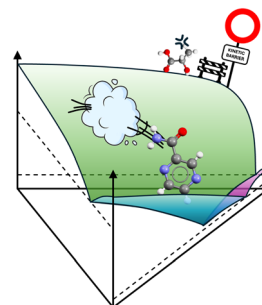
See Ivo B. Rietveld *et al.*, pp. 4906–4921.
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HIGHLIGHTS

4906

Navigating phase behaviour in pharmaceuticals to enable phases with desired properties

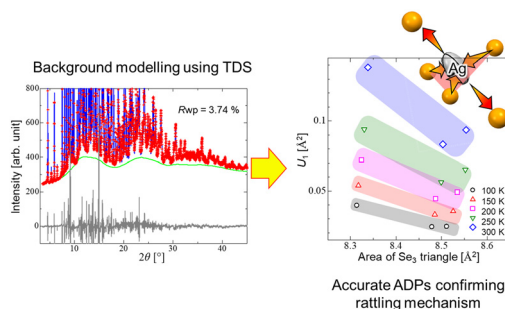
Ivo B. Rietveld,* Cheng-long Stephan and Gabin Gbabode



4922

Accurate determination of atomic displacement parameters for thermoelectric materials from synchrotron powder diffraction data with sophisticated background treatment

Seiya Takahashi and Eiji Nishibori*



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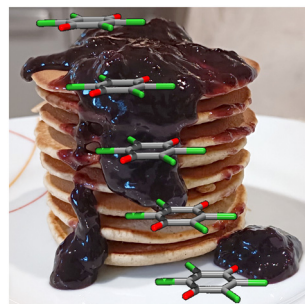


HIGHLIGHTS

4932

The pancake bond: on the border of covalent and intermolecular

Krešimir Molčanov* and Petra Stanić

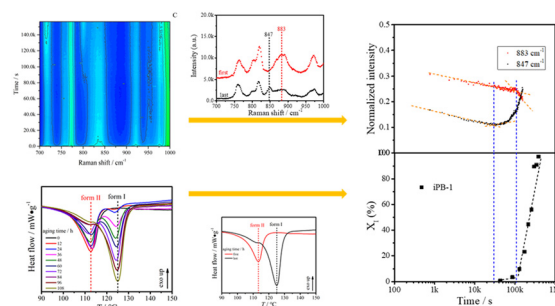


COMMUNICATION

4941

***In situ* Raman scattering investigation of crystal phase transition in isotactic polybutene-1**

Jiangqing Li, Lekang Zhang, Lars Rosgaard Jensen, Donghong Yu, Jesper de Claville Christiansen and Shichun Jiang*

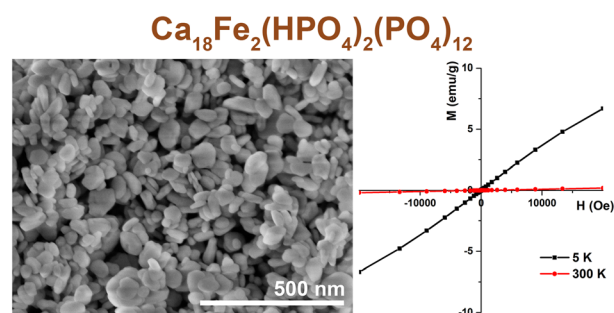


PAPERS

4947

Wet-chemical approach to the synthesis of iron whitlockite ($\text{Ca}_{18}\text{Fe}_2(\text{HPO}_4)_2(\text{PO}_4)_{12}$) via a dissolution–precipitation process under hydrothermal conditions

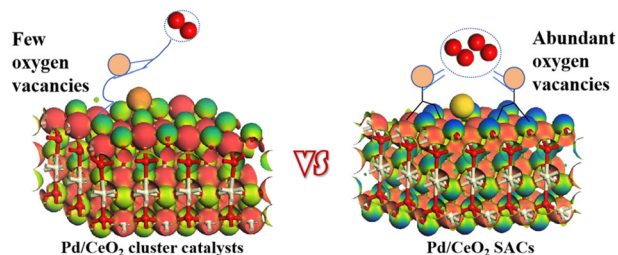
Diana Griesiute, Jonas Stadulis, Agne Kizalaite, Andris Antuzevics, Arita Dubnika, Dominika Zakutna, Vaclav Tyrpekl, Chen-Ying Su, Hsu-Wei Fang and Aleksey Zarkov*



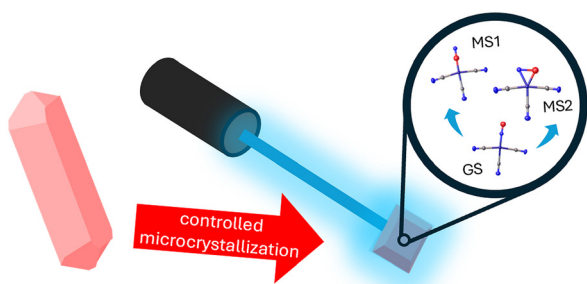
4956

Modulating oxygen vacancies to simultaneously promote Pd atom stability and O activation over Pd/CeO₂ catalysts for enhancing catalytic efficiency and durability

Ke Tang, Xiaoyang Liu, Guofei Jiang,* Ying Zhang, Xiangyan Meng, Jiangbo Lu,* Hanyu Zhang, Yiping Gao, Zhengxing Qin and Feng Lin*



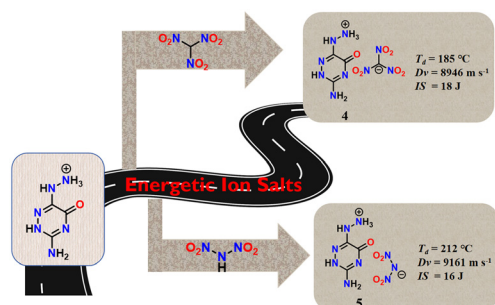
4965



Controlled microcrystallization for *in situ* photocrystallography: optimizing crystal size and habit

Sam G. Lewis, Ben A. Coulson, Kenneth D. M. Harris, Anna J. Warren, Mark R. Warren and Lauren E. Hatcher*

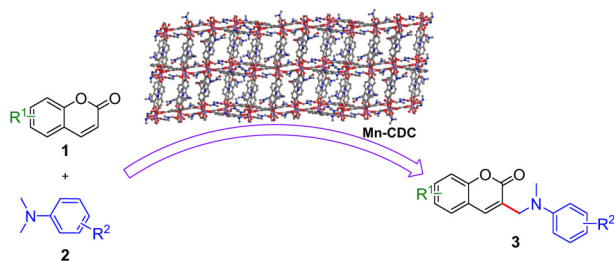
4976



Constructing high-performance and insensitive energetic salts through increased hydrogen bonds

Luyao Chen, Wei Hu, Caijin Lei, Jie Tang, Chuan Xiao, Guangbin Cheng* and Hongwei Yang*

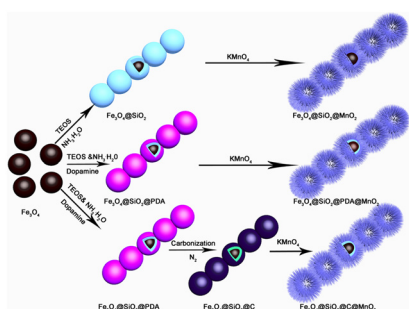
4985



Construction of novel Mn-based metal-organic frameworks for regioselective cross-dehydrogenative coupling of coumarins and dimethylanilines

Qing Sun, Chen Yang, Shaoyang Han, Xin Liu, Meichao Li and Zhenlu Shen*

4992



Feasible design of 1D hierarchical Fe₃O₄@SiO₂@PDA@MnO₂ nanochains with high capacity for removal of organic pollutants

Lijun Zhang, Chengyan Song, Junxiao Wang, Mintong Guo and Min Zhang*

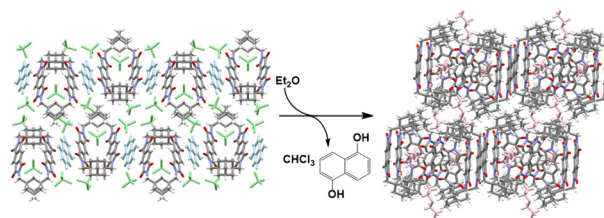


PAPERS

5003

Co-crystals built from macrocycles with pyromellitic diimides and naphthalene derivatives: transformation of a binary co-crystal solvate to a solvate through solvent exchange

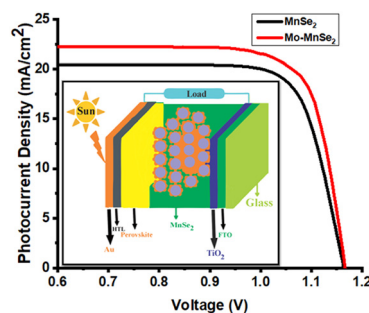
Masahide Tominaga,* Ryusei Kamada, Tadashi Hyodo and Kentaro Yamaguchi*



5010

Tailoring the influence of MnSe_2 as an efficient electron transport layer to improve the performance of perovskite solar cells

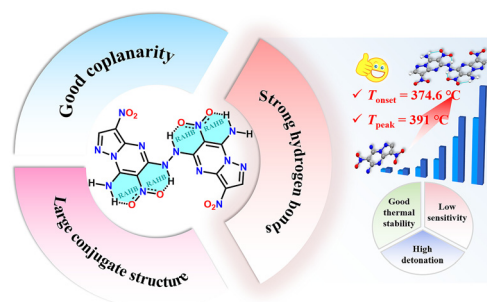
Qurat Ul Ain, Dhafer O. Alshahrani, H. Khan, Muhammad Umar Farooq, Zain Ul Abdien, Muhammad Siddique and Muhammad Saad*



5021

Constructing insensitive heat-resistant energetic materials via hydrazo bridge mediated resonance-assisted hydrogen bonds

Xing Zhang, Linhu Pan, Min Li, Jianquan Jing, Honglei Xia* and Qinghua Zhang*



RETRACTION

5030

Retraction: The behavior of Ni nanotubes under the influence of environments with different acidities

Maksim D. Kutuzau,* Egor Yu. Kaniukov, Elena E. Shumskaya, Victoria D. Bundyukova, Gulnar R. Kalkabay, Maxim V. Zdorovets, Daryn B. Borgekov and Artem L. Kozlovskiy

