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Cover

See Ivana Biljan,
Ivan Kodrin *et al.*,
pp. 3870–3884.
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3870.

HIGHLIGHT

3846

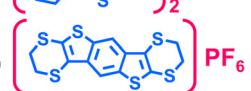
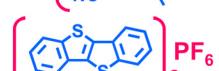
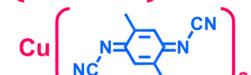
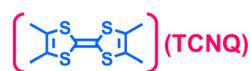
Boundary research between organic conductors and transistors: new trends for functional molecular crystals

Tomofumi Kadoya* and Toshiki Higashino*

“Organic conductors”

attractive candidates
for organic electrodes

Source Drain
Organic semiconductor
Dielectric
Gate



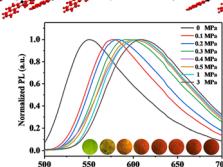
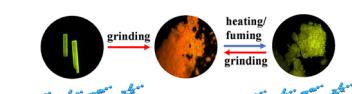
“Field-effect transistors”

COMMUNICATIONS

3861

Changes in piezochromic luminescence of a charge transfer complex subjected to grinding and isotropic compression

Shuai Wang, Wenxin Xiang, Chen Pan, Jinqiu Chen, Wenju Li, Jing Zhang,* Jianfeng Zhao* and Guangfeng Liu*



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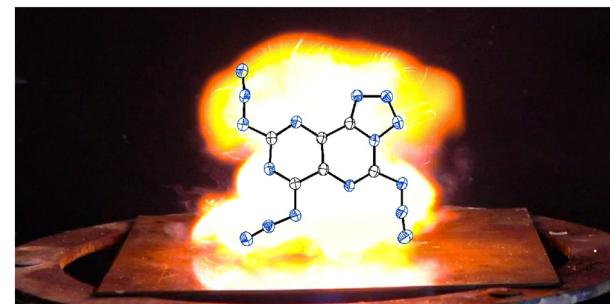


COMMUNICATIONS

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2,4,6,8-Tetraazidopyrimido[5,4-*d*]pyrimidine: a novel energetic binary compound

Kristaps Leškovskis, Anatoly Mishnev, Irina Novosjolova, Burkhard Krumm, Thomas M. Klapötke and Māris Turks*

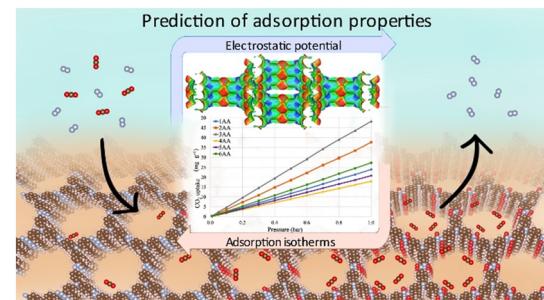


PAPERS

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Prediction of CO₂ adsorption properties of azo, azoxy and azodioxy-linked porous organic polymers guided by electrostatic potential

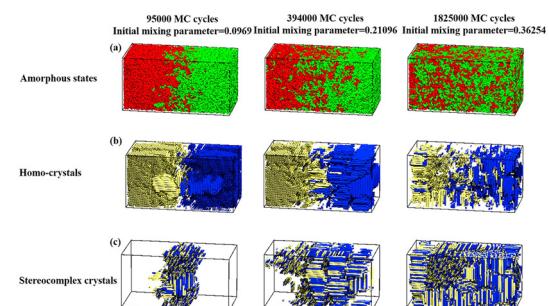
Tea Frey, Barbara Panić, Petar Šutalo, Mladen Borovina, Ivana Biljan* and Ivan Kodrin*



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Local segmental miscibility dominating stereocomplex crystallization in polymer blends

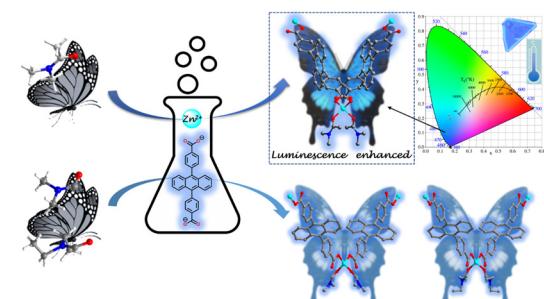
Qian Zhu, Jianlong Wen, Mingyang Ma and Yijing Nie*



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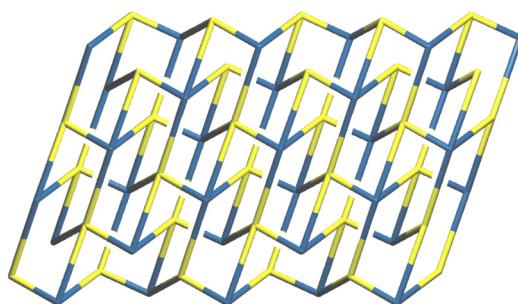
Modulating the luminescent performances on blue-emitting coordination polymers via tuning the end-solvent molecules

Hui Hu, Zhen-Wei Zhang, Da-Shuai Zhang,* Xue Zhou, Hui Ji, Yong-Zheng Zhang, Yuchen Deng, Longlong Geng,* Xiuling Zhang, Chao Lv, Rongmin Wei and Jin-Hua Wang*



PAPERS

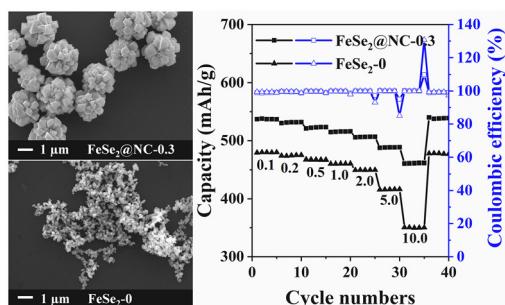
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Triple-armed aliphatic tricarboxylic acids as sources of ligands for uranyl ion: influence of bridgehead functionalization

Pierre Thuéry,* Youssef Atoini and Jack Harrowfield*

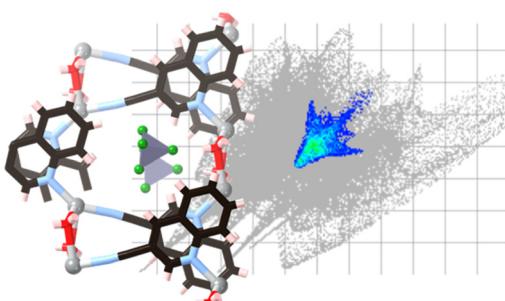
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FeSe₂ nanocrystalline aggregated microspheres with ultrahigh pseudocapacitive contribution for enhanced sodium-ion storage

Peiyuan Wang,* Yihang Hou, Gengcheng Deng, Zhuofan Liu, Yonghao Li, Denggui Zhu, Dongjie Guo and Sunmin Sun*

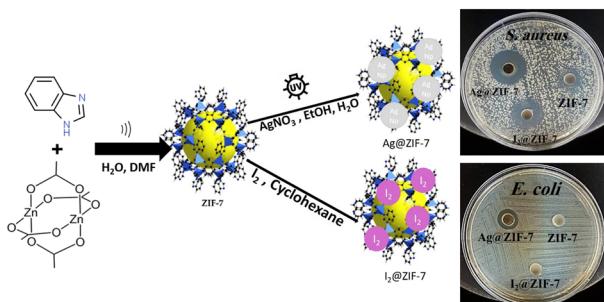
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Synthesis, structure diversity, and antimicrobial studies of Ag(I) complexes with quinoline-type ligands

Amal Yousri, Matti Haukka, Morsy A. M. Abu-Youssef,* Mohammed Salah Ayoub,* Magda M. F. Ismail, Nagwan G. El Menfy, Saied M. Soliman, Assem Barakat, Francoise M. Amombo Noa and Lars Öhrström*

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Prolonged release of silver and iodine from ZIF-7 carrier with great antibacterial activity

Alireza Davoodi, Kamran Akhbari* and Mohammadreza Alirezvani

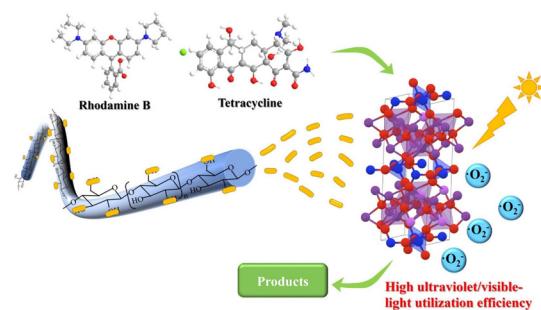


PAPERS

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Cellulose-templated Bi_2SiO_5 nanorods with enhanced UV/vis light utilization efficiency for high-performance photocatalytic degradation of organic contaminants

Yiyan Cai, Shuo Zhang, Weizhi Zhu, Haohang Fang, Hongjie Wang, Shaohong Shi, Jianping Sun, Yiqiang Wu and Fangchao Cheng*



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Two new manganese-based phosphomolybdate compounds as electrochemical sensors for the highly sensitive trace determination of heavy metal $\text{Cr}(\text{vi})$ ions

Jinling Wang, Xiaohui Liu, Zhihan Chang,* Na Xu* and Xiuli Wang

