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Cover

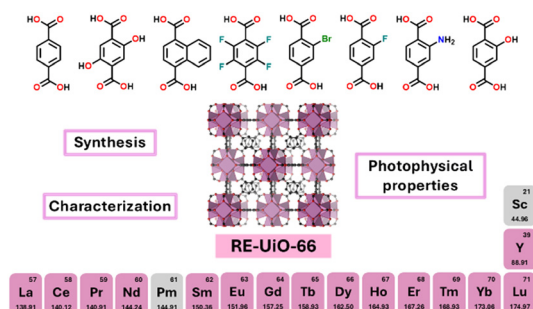
See Ashlee J. Howarth et al., pp. 6406–6414.
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HIGHLIGHTS

6406

Developments in the discovery, synthesis, and characterization of RE(III)-UiO-66 and its structural analogues

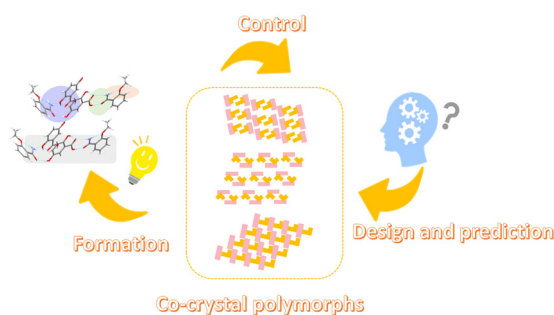
Micaela Richezzi, P. Rafael Donnarumma and Ashlee J. Howarth*



6415

Recent developments on co-crystal polymorphs: from formation to prediction

Xiaoxiao Liang, Anders S. Larsen, Philipp Hans, Di Xu, Yunxia Li, Inês C. B. Martins,* Thomas Rades* and Yanbin Jiang*



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Elemental answers

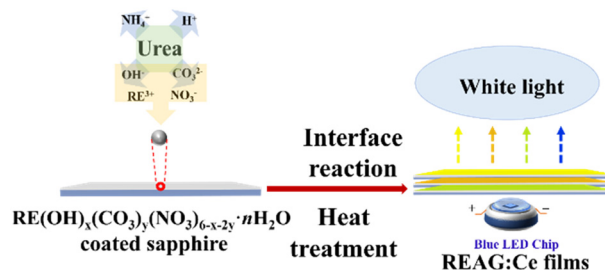


COMMUNICATION

6433

Interface reaction-induced fabrication of $\text{RE}_3\text{Al}_5\text{O}_{12}$ (RE = Gd–Lu, Y) phosphor conversion plates for WLEDs

Haoxuan Zeng, Lu He, Ziyuan Li, Qiao Liang, TaiHui Chen and Xiaoli Wu*

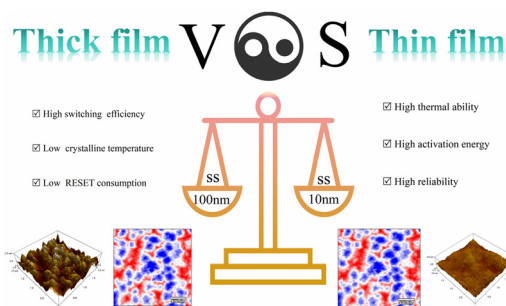


PAPERS

6438

Nanoscale effect and amorphous frozen transition of antimony selenide thin films for phase change memory

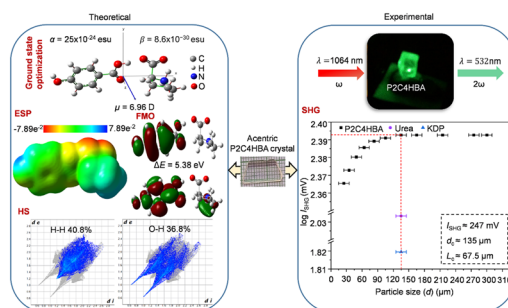
Haipeng You,* Guitao Zhang, Qing Miao, Jun Chen* and Yifeng Hu



6449

Pyrrolidin-1-ium-2-carboxylate-4-hydroxybenzoic acid co-crystal: a novel phase-matchable acentric organic material for efficient second-harmonic generation

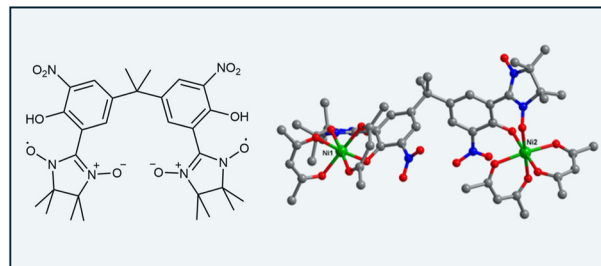
Subramani Karthick,* Bing-Xiang Li, Balasubramanian Sridhar, Satoshi Aya* and Srinivasan Brahadeeswaran*



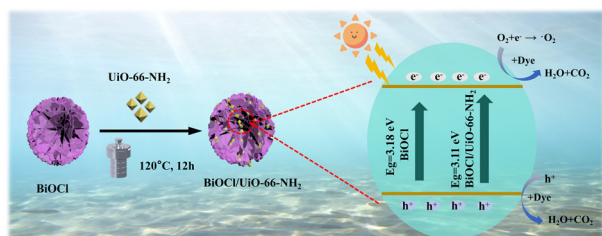
6462

Design of a new nitronyl-nitroxide biradical and its complexes: synthesis, crystal structures and magnetic properties

Cristian Andrei Spinu, Ghenadie Novitchi, Mihaela Hillebrand, Teodora Mocanu, Gabriela Ionita, Anamaria Hanganu, Victorita Tecuceanu and Marius Andruh*



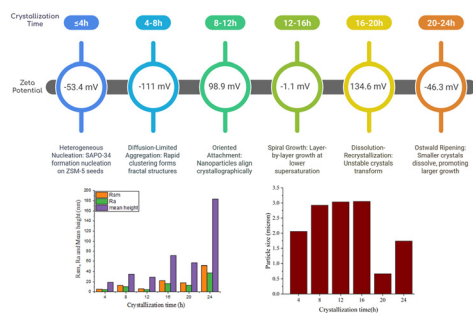
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Facile synthesis of Z-scheme heterojunction BiOCl/UiO-66-NH₂ composites achieves efficient photocatalytic degradation of rhodamine B

Huanxia Lin, Wensong Lin,* Yeheng Zhang, Ran Gao and Yong He

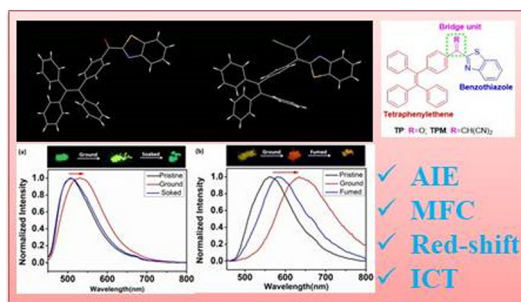
6485



Insights into the crystal growth mechanisms of SAPO-34/ZSM-5 composite zeolites from combined experimental imaging and theoretical studies

Nooshin Taghili, Rouein Halladj* and Sima Askari

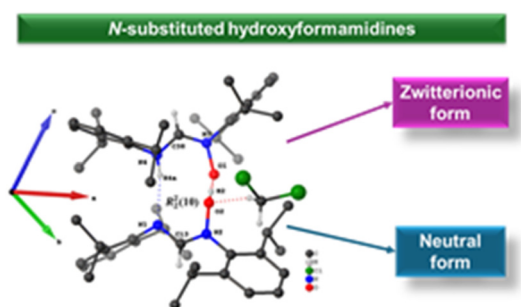
6502



Effect of bridge units on the photophysical properties of tetraphenylethene-benzothiazole hybrid AIEgens with high-contrast mechanofluorochromic behaviour

Kaibo Zheng,* Wenlin Wu, Xueer Yang, Jiaying Yan, Nuonuo Zhang, Mingyue Fang and Fei Han

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Computational and structural insights into the zwitterionic and neutral forms of N-substituted hydroxyformamidines in the solid state

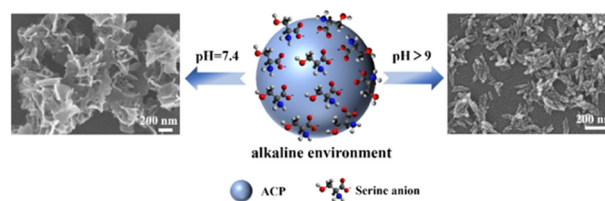
David O. Juma, Sizwe J. Zamisa,* Anamika Sharma, Unathi Bongoza, Eric M. Njogu, Fernando Albericio and Bernard Omondi*



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The synergistic influence of serine and pH on the formation of amorphous calcium phosphate and its transformation to hydroxyapatite

Jiahui Huang, Sijia Lu, Haipeng Liu and Yurong Ma*



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Performance of tri-metallic Zn-ion battery cathode using hybrid morphology of $\text{VO}_2/\text{CuWO}_4$ nanocomposite

Niraj Kumar,* Sanjay Sankaranarayanan, Kandasamy Muthusamy, Ahmad Husain and Rajeev Kumar Ranjan*

