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Cover

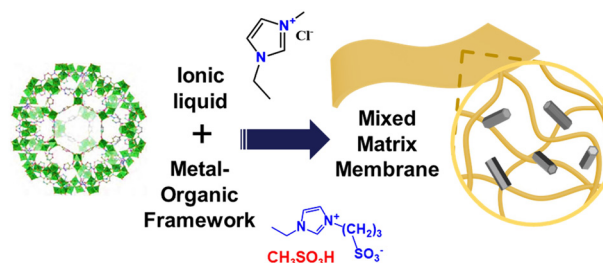
See C. Malla Reddy, Ramanaiah Chennuru *et al.*, pp. 2463–2473.
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HIGHLIGHT

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Ionic liquid-functionalized metal organic frameworks and their composite membranes for enhanced proton transport

Jeong Hwa Song, Seyoung Koo* and Dong Won Kang*

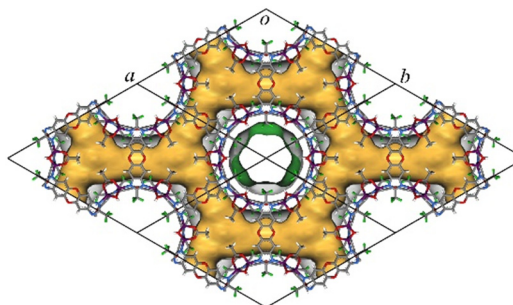


COMMUNICATION

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A stable metal azolate framework with rare nonintersecting one-/two-dimensional pore channels

Heng Yi, Mu-Yang Zhou, Le Ye, Xiao-Tong Lu, Dong-Dong Zhou* and Jie-Peng Zhang



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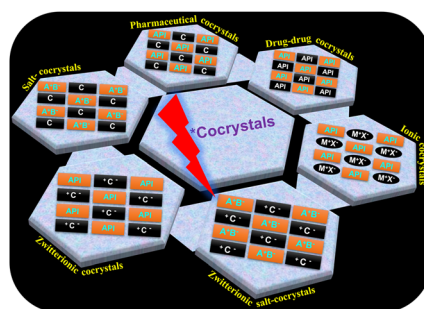
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A zwitterionic salt–cocrystal: *in vitro* insights from niraparib tosylate, an anti-cancer drug

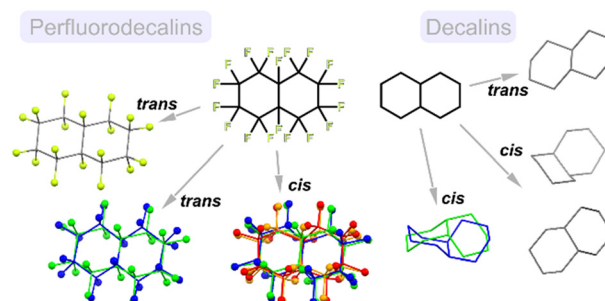
Ramesh Reddy Mudda, Ramesh Devarapalli, Arijit Das, Pulla Reddy Lakkireddy, C. Malla Reddy* and Ramanaiah Chennuru*



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Structural chemistry of decalins and perfluorodecalins

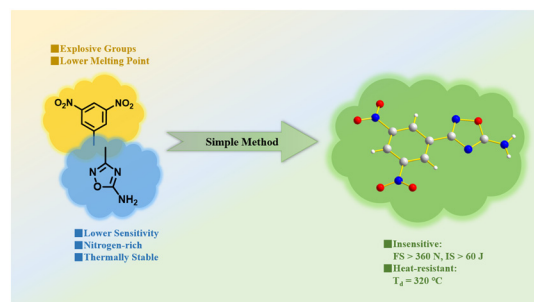
Bartłomiej Paska, Grzegorz Cichowicz, Patryk Rzepiński, Michał Ksawery Cyrański, Łukasz Dobrzycki* and Roland Boese*



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3-(3,5-Dinitrophenyl)-5-amino-1,2,4-oxadiazole: synthesis, structure and properties of a novel insensitive energetic material

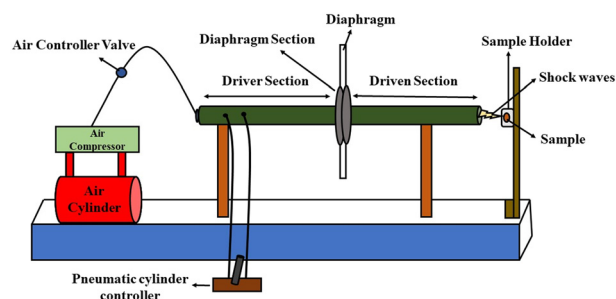
Binshan Zhao, Baolong Kuang, Mou Sun, Tingwei Wang, Chao Zhang, Meiqi Xu, Cong Li, Zujia Lu and Jian-guo Zhang*



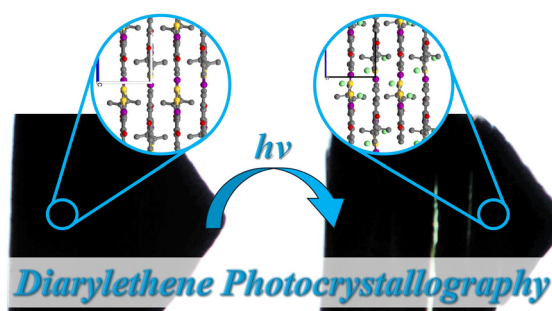
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Acoustic shock wave-induced phase transition in indium selenide: tuning band gap energy for solar cell applications

S. Oviya, F. Irine Maria Bincy, S. Arumugam, K. Kamala Bharathi, Raju Suresh Kumar, P. Kannappan, Ikhyun Kim* and S. A. Martin Britto Dhas*



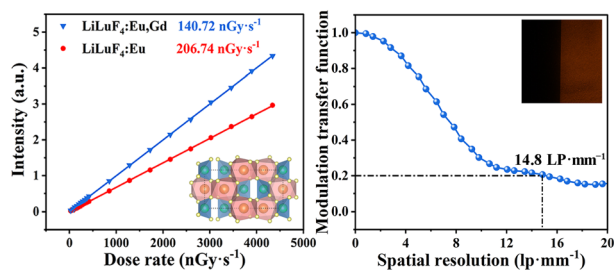
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Crystallographic, spectroscopic, and computational characterization of a diiodonaphthoquinone diarylethene photochrome: halogen bonding and photocrystallography

Shea D. Myers, Zoe Y. Marr, Jade A. Sency, Travis B. Mitchell, Jason B. Benedict* and Dinesh G. Patel*

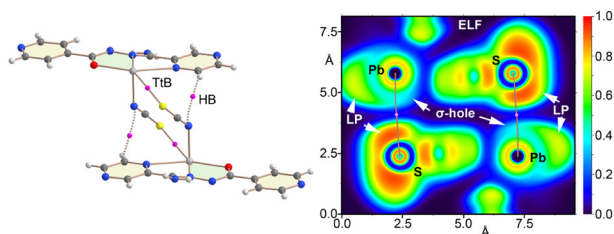
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Co-doped modified LiLuF₄:Eu microcrystalline scintillator-based flexible film for high resolution X-ray imaging

Xixi Huang, Jinhai Yang, Hao Lu, Xieming Xu, Shuaihua Wang* and Shaofan Wu

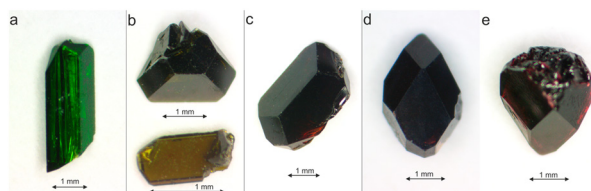
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Structural diversity and tetrel bonding significance in lead(II) complexes with pyrazoylisonicotinoylhydrazone and varied anionic co-ligands

Ghodrat Mahmoudi, Isabel García-Santos*, Roi Fernández-Vázquez, Rosa M. Gomila, Alfonso Castiñeiras, Esmail Doustkhah, Ennio Zangrando and Antonio Frontera*

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Crystal growth and cation order of Ni_{3-x}Co_xB₂O₆ oxyborates

Svetlana Sofronova, Evgeniya Moshkina, Artem Chernyshev, Aleksandr Vasiliev, Nikolai G. Maximov, Aleksandr Aleksandrovsky, Tatyana Andryushchenko and Aleksandr Shabanov

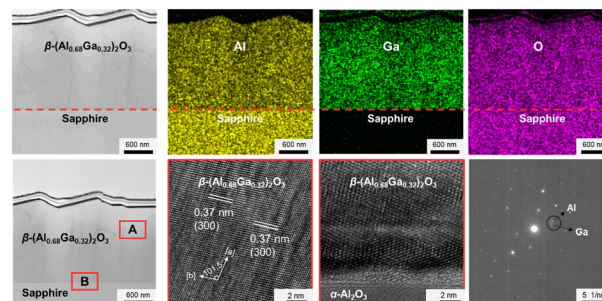


PAPERS

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High-quality β -($\text{Al}_x\text{Ga}_{1-x}$) $_2\text{O}_3$ thin films on sapphire substrates by face-to-face annealing

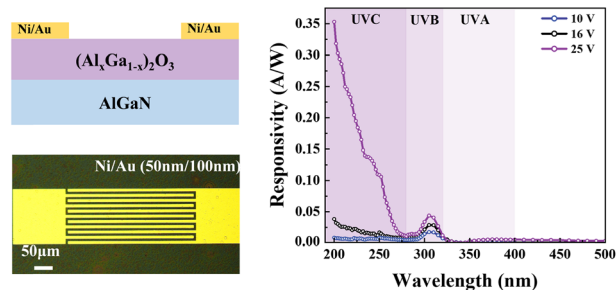
Songhao Wu, Chicheng Ma, Han Yang, Zichun Liu, Yuanxiao Ma,* Ran Yao, Yiyun Zhang,* Hua Yang, Xiaoyan Yi, Junxi Wang and Yeliang Wang*



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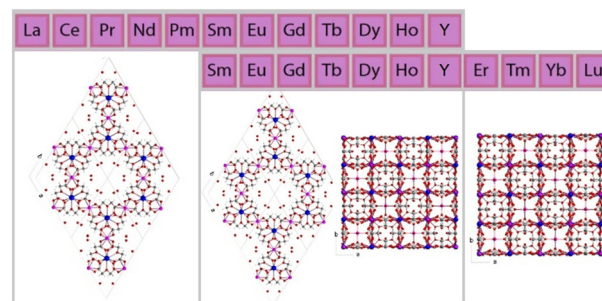
Siyu Wu, Zhengyuan Wu, Pengfei Tian, Jason Hoo, Shiping Guo and Zhilai Fang*



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Extended isomerism in heteronuclear metal–organic frameworks: synthetic strategies and crystal structures of lanthanide–cobalt–oxydiacetate systems

Fernando Igoa Saldaña, Agustín López, Javier González-Platas, Leopoldo Suescun, Carlos Kremer and Julia Torres*



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Evolution of fractal patterns in lead-free zero-dimensional perovskite $\text{Cs}_2\text{InBr}_5(\text{H}_2\text{O})$

Wanyin Ge,* Maohao Yang, Masaki Saruyama, Kenshi Matsumoto, Ryota Sato, Haruka Takekuma, Ryo Takahata and Toshiharu Teranishi*

