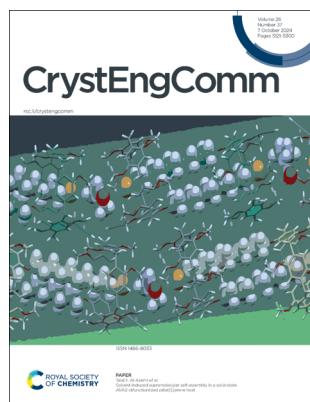


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### Cover

See Talal F. Al-Azemi et al.,

pp. 5138–5143.

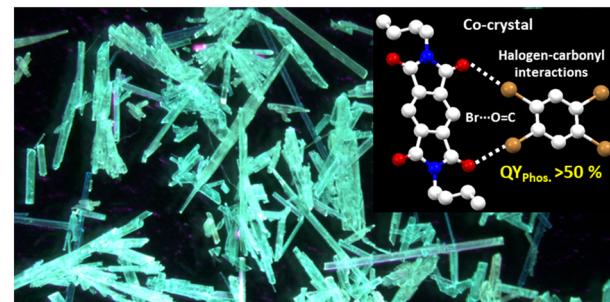
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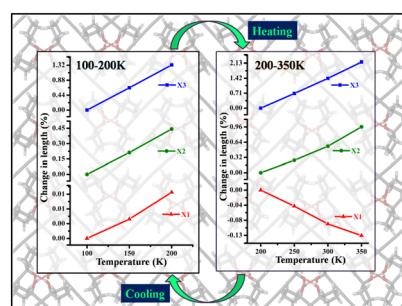
Debranjan Hati, Swadhin Garain, Shagufti Naz Ansari, Anju Ajayan Kongasseri and Subi J. George\*



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Tapaswini Sethi and Dinabandhu Das\*





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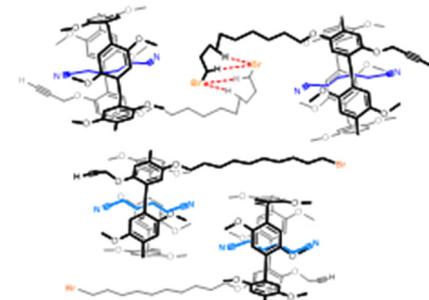
**Fundamental questions  
Elemental answers**

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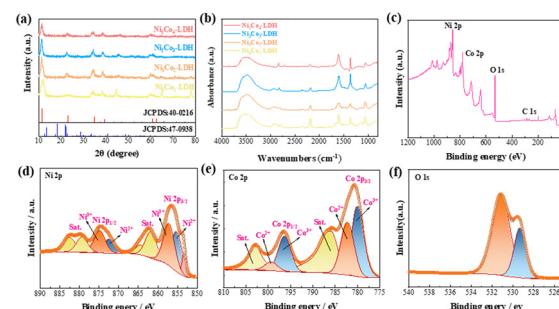
Mickey Vinodh and Talal F. Al-Azemi\*



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**Enhancing the efficiency and stability of electrocatalysts for water splitting: NiCo-LDH nanosheet arrays at high current density**

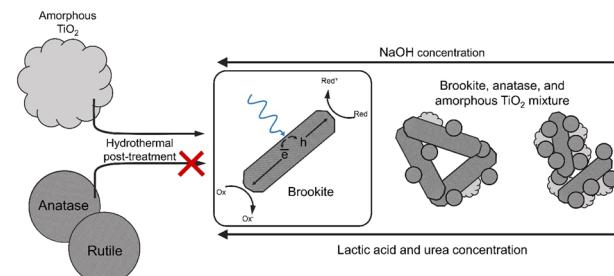
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**Amorphous titania as a precursor to brookite-based materials obtained via hydrothermal treatment**

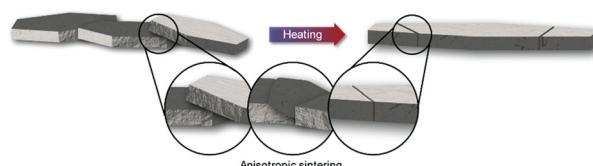
A. O. Revenko, D. A. Kozlov, I. V. Kolesnik, A. S. Poluboiarinov, S. Yu. Kottsov and A. V. Garshev\*



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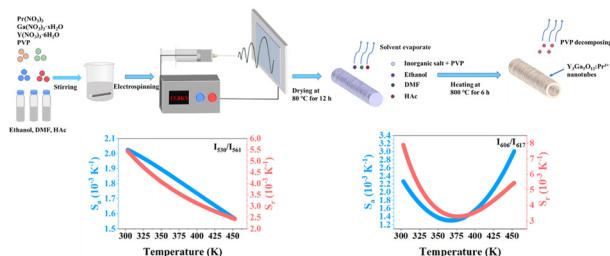
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Jingxiang Cheng, Malsha Udayakantha, Saul Perez-Beltran, Luis Carrillo, Wasif Zaheer, Lucia Zuin and Sarbjit Banerjee\*



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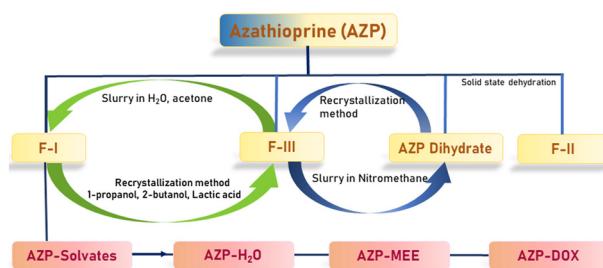
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Zhichao Ren, Hongquan Yu,\* Xiangping Li, Jinsu Zhang, Sai Xu and Baojiu Chen\*

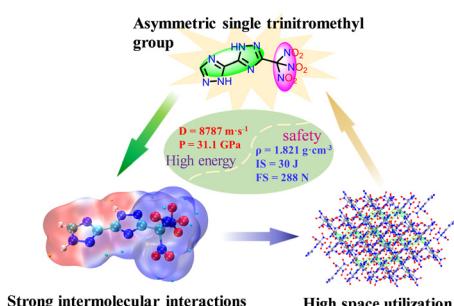
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Likhitha Kalavalapudi, Sivanarayanan Palani and Sunil Kumar Nechipadappu\*

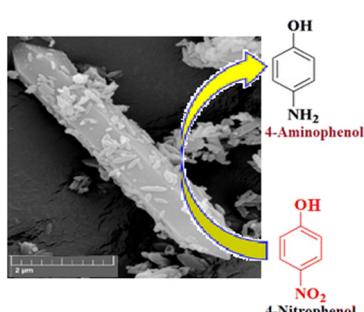
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## Asymmetric functionalized modification of bi(1,2,4-triazole) towards high-energy insensitive materials

Wen-Shuai Dong, Chao Zhang, Mei-Qi Xu, Zu-Jia Lu, Zhi-Min Li, Qi-Yao Yu\* and Jian-Guo Zhang\*

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Nasrin Rahnama, Saeed Farhadi\* and Farzaneh Mahmoudi

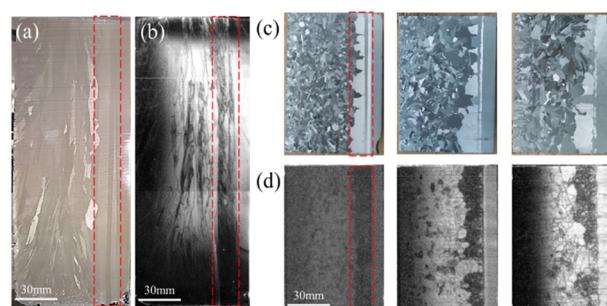


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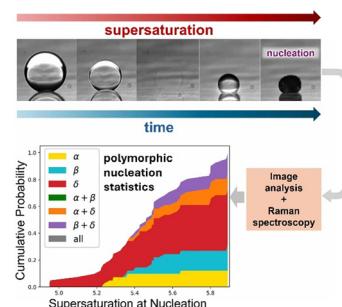
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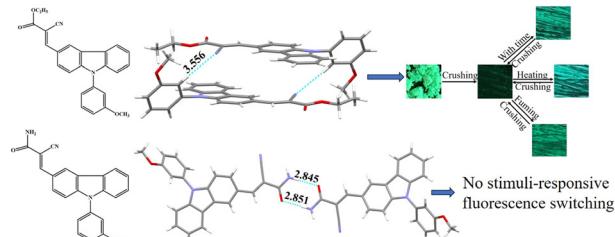
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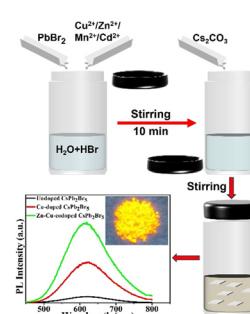
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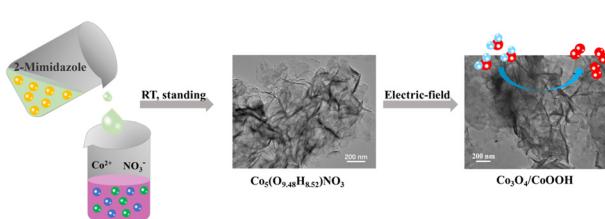
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Yuwei Zhong, Xinran Li, Hao Zhang, Rong Zhang, Kaiwen Hu,\* Xuedong Zhou and Yi Xie\*



## PAPERS

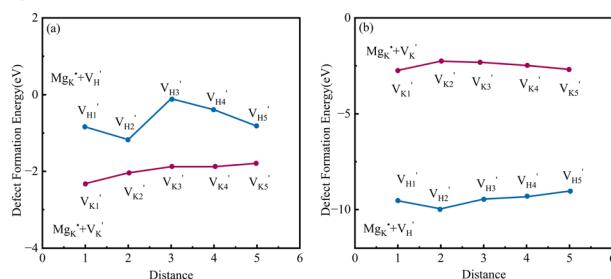
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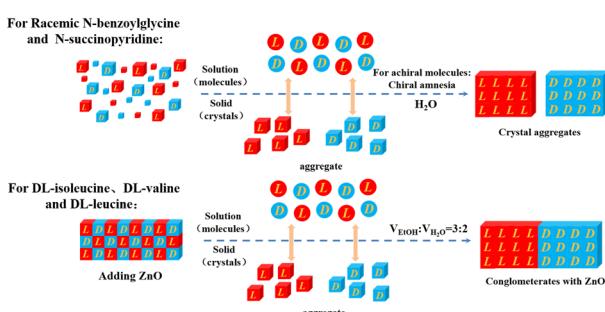
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## First-principles investigation of reduced KDP crystal damage threshold: defect clusters in Mg-related configurations

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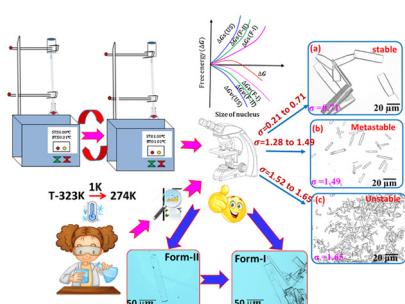
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