

# Materials Advances

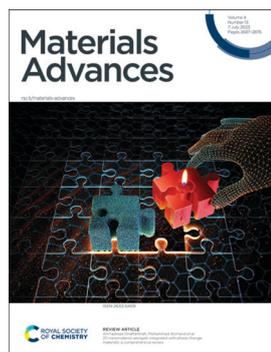
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## IN THIS ISSUE

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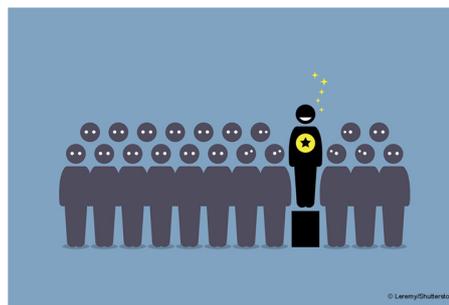
### Cover

See Ahmadreza Ghaffarkhah, Mohammad Arjmand *et al.*, pp. 2698–2729. Image reproduced by permission of Mohammad Arjmand from *Mater. Adv.*, 2023, 4, 2698.

## EDITORIALS

2694

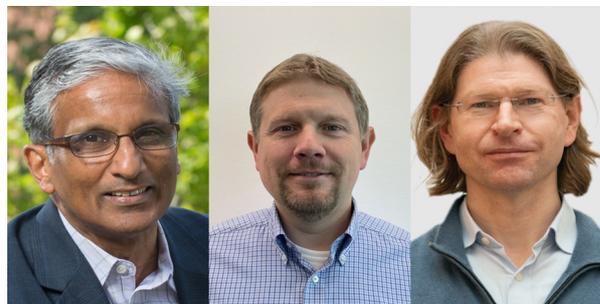
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2695

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Krishna Rajan, Jörg Behler and Chris J. Pickard\*



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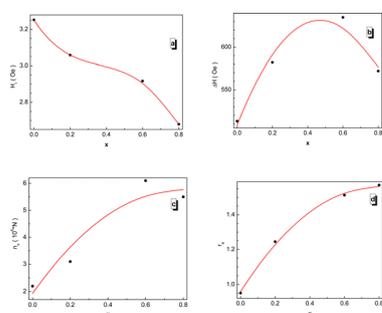
2785



### Chemical recycling of poly(ethylene terephthalate) via sequential glycolysis, oleoyl chloride esterification and vulcanization to yield durable composites

Claudia V. Lopez and Rhett C. Smith\*

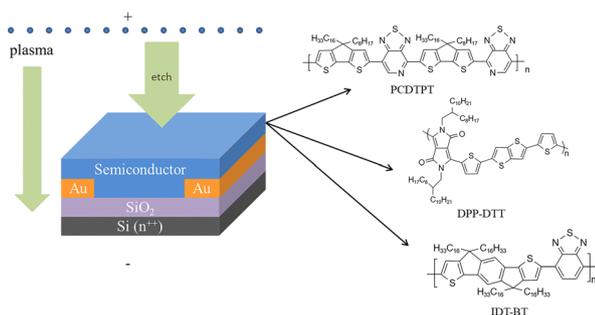
2794



### Fabrication of doped ferrites and exploration of their structure and magnetic behavior

Reda E. El-Shater, Hassan El Shimy, Samia A. Saafan, Moustafa A. Darwish, Di Zhou, Kadiyala Chandra Babu Naidu, Mayeen U. Khandaker, Z. Mahmoud, Alex V. Trukhanov, Sergei V. Trukhanov\* and Fatma Fakhry

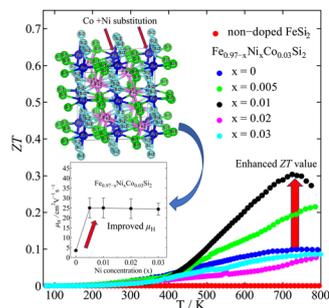
2811



### In situ tuning of the performance of polymer field-effect transistors by soft plasma etching

Zhen Hu, Dongfan Li,\* Wanlong Lu, Zongze Qin, Yixin Ran, Xin Wang and Guanghao Lu\*

2821



### Improved thermoelectric performance of Co-doped $\beta$ - $\text{FeSi}_2$ by Ni substitution

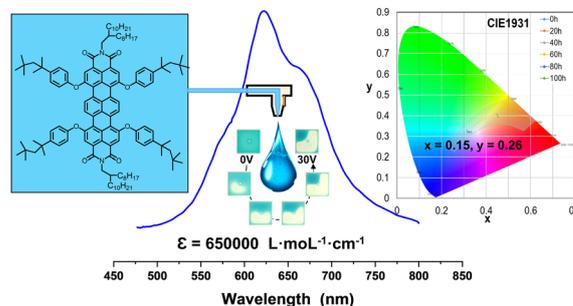
Sopheap Sam, Hiroshi Nakatsugawa\* and Yoichi Okamoto



2831

## Design and synthesis of a terrylene diimide-based stable cyan dye for printable electrofluidic display

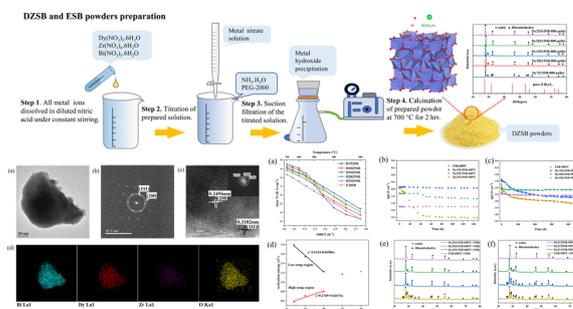
Yong Deng, Yuanyuan Guo, Dechao Ye, Wangqiao Chen\* and Guofu Zhou\*



2839

## Stabilities and performance of single cubic phase dysprosium and zirconium co-doped bismuth oxide electrolytes for low temperature solid oxide fuel cells

Yuan Gao, Mengxi Zhong, Jianpeng Chen, Shouqi Wang, Binyi Zhang, Qingzhuo Li, Wei Liu, Jiu-Tao Gao,\* Cheng-Xin Li\* and Chang-Jiu Li



2853

## Copper iodide microhexagons: a potential therapeutic agent for surface microbial infection and melanoma

Sunil Venkanna Pogu, Dokkari Nagalaxmi Yadav, Sri Amruthaa Sankaranarayanan, Rupali Srivastava, Shashidhar Thatikonda and Aravind Kumar Rengan\*

2868

## Macroporous NiMo alloy self-supporting electrodes for efficient hydrogen evolution at ultrahigh current densities

Yudan Chen, Lin Chen, Ying Xiong, Xinxin Yu, Kun Tang,\* Lixin Zhang and Mingzai Wu\*

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