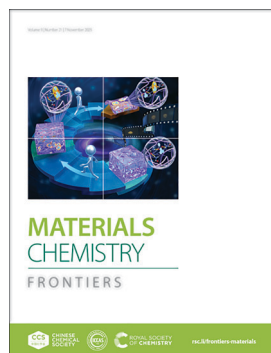


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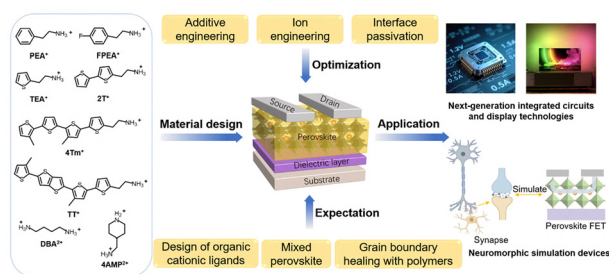
See Xian-Yin Dai *et al.*, pp. 3139–3148. Image reproduced by permission of Xian-Yin Dai from *Mater. Chem. Front.*, 2025, 9, 3139.

REVIEWS

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Organic–inorganic hybrid halide perovskites for field-effect transistors

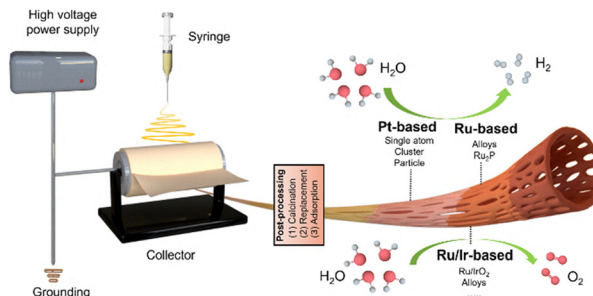
Sichen Liu, Xuanxuan Sun, Tianbo Zheng, Qinghua Xu,* Yao Gao* and Xing Lu*



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Electrospun noble metal-based nanofibers for water electrolysis

Boxin Xiao, Jiaqing Liu, Junzhe Fang, Jilan Zeng, Kunlong Liu,* Shiqiang Feng,* Jiayi Chen and Xue Feng Lu*



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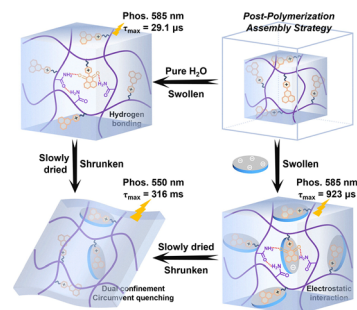


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Constructing highly efficient dual-confinement phosphorescence supramolecular naphthalimide pyridinium networks via eco-friendly post-polymerization assembly

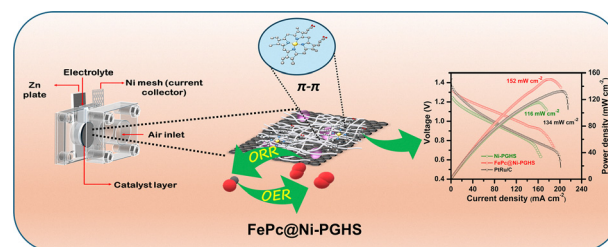
Qi Song, Xianfeng Meng, Xue Bai, Yongbin Sun, Yanqing Ge and Xian-Yin Dai*



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Iron phthalocyanine assisted bifunctional oxygen electrocatalyst for high-performance and long-life rechargeable zinc–air batteries

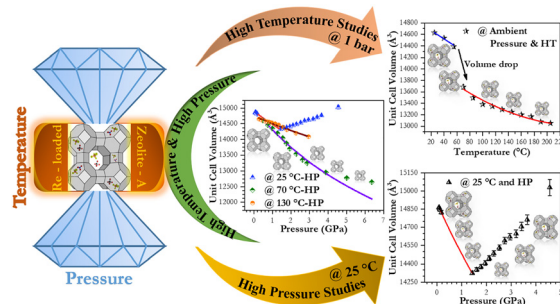
Zubair Ahmed, Jekaterina Kozlova, Arvo Kikas, Vambola Kisand, Alexey Treshchalov, Maike Käärik, Jaan Leis, Jaan Aruväli, Kaupo Kukli and Kaido Tammeveski*



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An experimental investigation unravelling the aberrant thermo-mechanical behaviour of Re-loaded zeolite Na-A

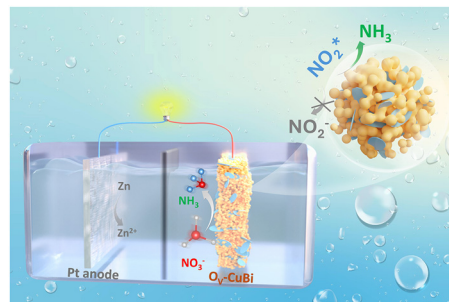
Abhinash Maharana, Abhiram Senapati, K. A. Irshad, Boby Joseph and Hrudananda Jena*



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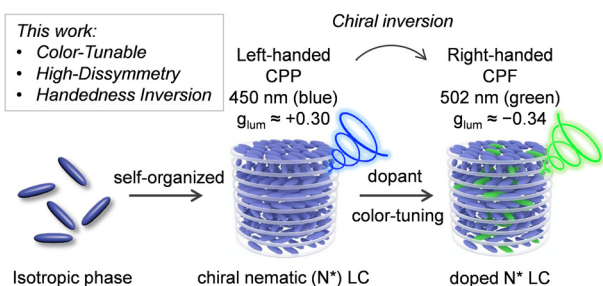
Oxygen vacancy-mediated Bi–CuO_x heterostructure for enhanced electrochemical nitrate-to-ammonia production and Zn–nitrate battery behavior

Thi Kim Cuong Phu, Thanh Ngoc Pham, Tam Duy Nguyen, An-Giang Nguyen, Thi Nhan Tran, Ngan Nguyen Le,* Phi Long Nguyen* and Thi Viet Bac Phung



RESEARCH ARTICLES

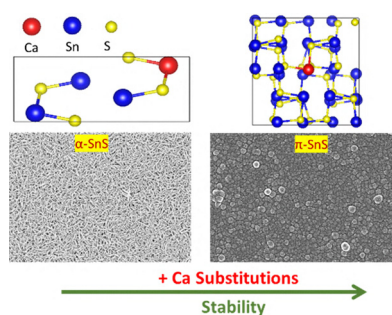
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Color-tunable, high-dissymmetry circularly polarized phosphorescence in chiral nematic phases: self-assembly, energy transfer, and handedness inversion

Jung-Moo Heo, Jihyun Park and Jinsang Kim*

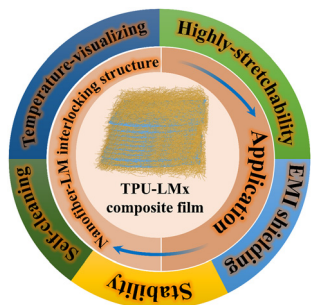
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Stabilization of the cubic π -phase of SnS by calcium substitution

Neeraj Mishra, Susmita Paul, Lonja R. Friedlander, Yuval Golan* and Guy Makov*

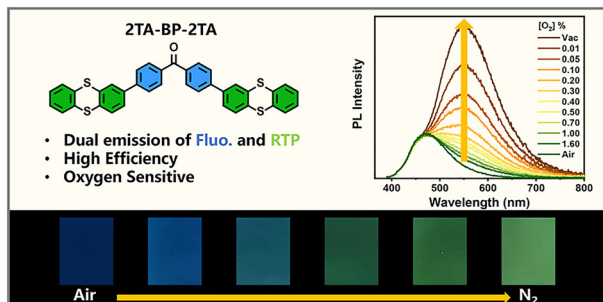
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Highly stretchable liquid metal/nanofiber films for electromagnetic interference shielding, self-cleaning and temperature-visualizing

Xueting Zhang, Xiuling Zhang,* Guoqiang Jin, Bin Liu, Jimmy Yun and Dapeng Cao*

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Optimizing combination between thianthrene and benzophenone toward efficient room-temperature phosphorescence and oxygen sensing

Zhiqiang Yang, Meng Liu, Yunpeng Ge, Yingbo Lv, Zhe Feng, Haichao Liu* and Bing Yang*



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Yuxin Xiao, Haodong Sun, Yuanda Luo, Zhuopeng Wu, Shutong Zheng, Jinsen Chen and Tao Yu*

