

Journal of Materials Chemistry C

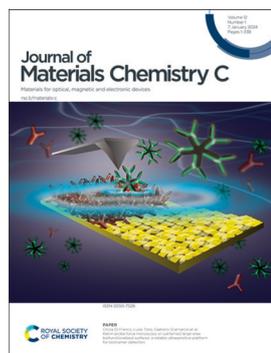
Materials for optical, magnetic and electronic devices

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Looking back at the 10th anniversary year of *Journal of Materials Chemistry A, B and C*

Anders Hagfeldt, Jeroen Cornelissen and Natalie Stingelin

10 YEARS ANNIVERSARY

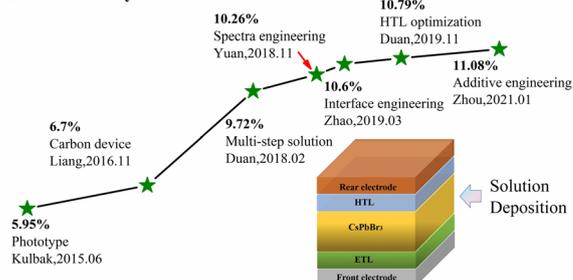
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Chuanliang Chen,* Xiaoman Lu, Xuzhi Hu, Guijie Liang and Guojia Fang*

The best efficiency of CsPbBr₃ PSCs



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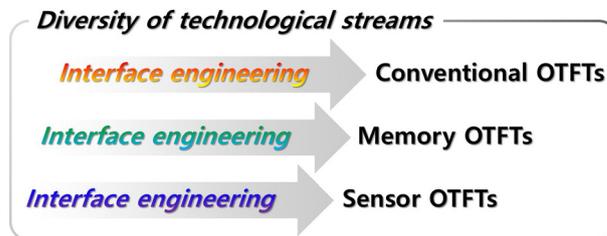


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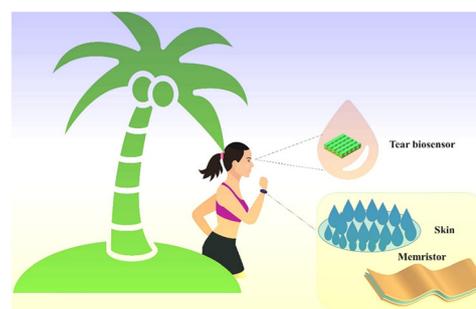
Jin-Hyuk Kwon, Min-Hoi Kim* and Jin-Hyuk Bae*



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Memristor based electronic devices towards biomedical applications

Jie Zhang,* Junmei Du, Chuan Yang, Haotian Liang, Zelin Cao, Xuegang Duan, Wentao Yan, Yong Zhao and Bai Sun*

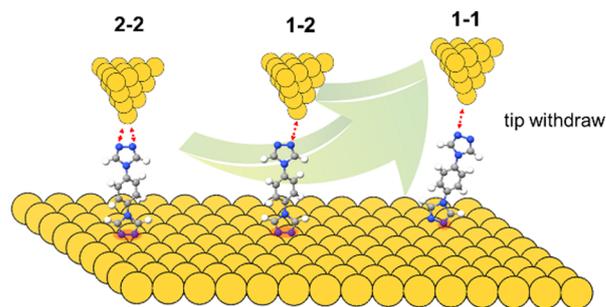


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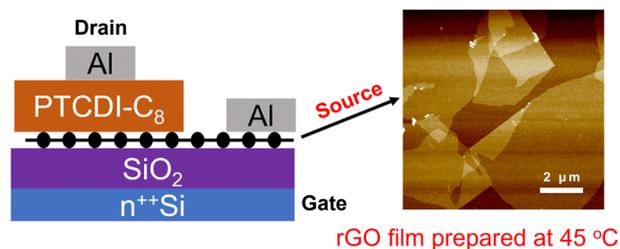
Qiang Wan, Hong-Yang Guo, Yi-Fan Zhou, Jia-Nan Jiang, Wenbo Chen,* Ju-Fang Zheng, Yong Shao, Ya-Hao Wang* and Xiao-Shun Zhou*



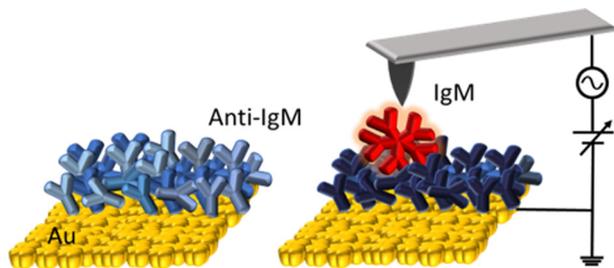
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Kun Qiao, Qing Ma, Junjia Wang and Binghao Wang*



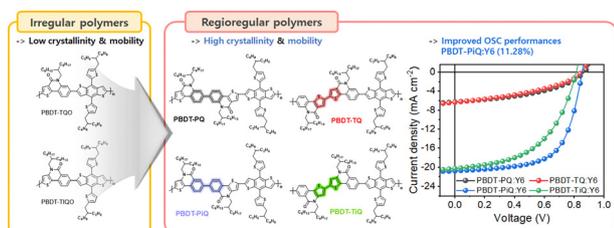
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Kelvin probe force microscopy on patterned large-area biofunctionalized surfaces: a reliable ultrasensitive platform for biomarker detection

Cinzia Di Franco,* Matteo Piscitelli, Eleonora Macchia, Cecilia Scandurra, Michele Catacchio, Luisa Torsi* and Gaetano Scamarcio*

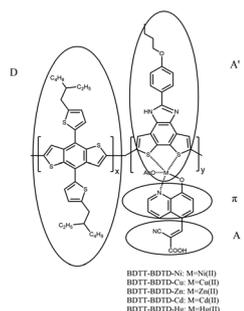
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Highly crystalline polycyclic aromatic lactam-based regioregular wide-band gap polymer donors for organic solar cells

Jong-Woon Ha, Byoungwook Park, Seo-Jin Ko and Do-Hoon Hwang*

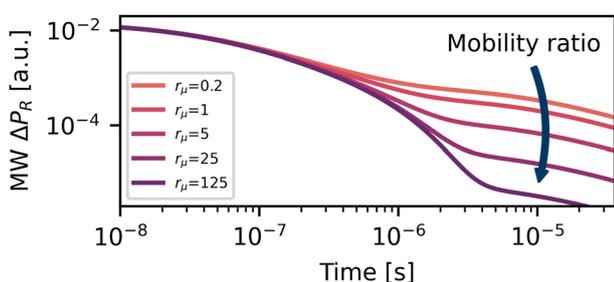
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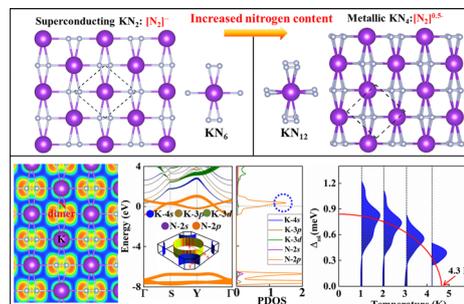
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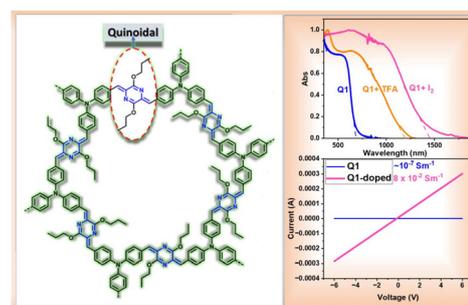
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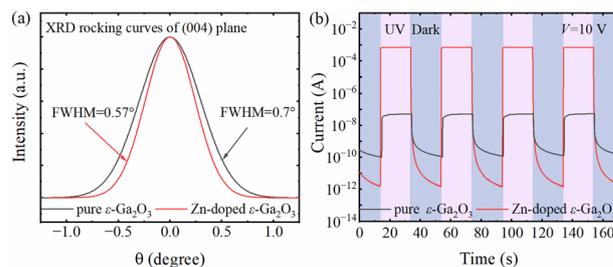
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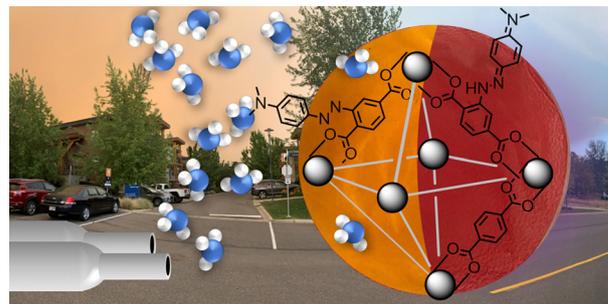
Xuan Sun, Kewei Liu,* Xing Chen, Yongxue Zhu, Zhen Cheng, Jialin Yang, Binghui Li, Lei Liu and Dezhen Shen*



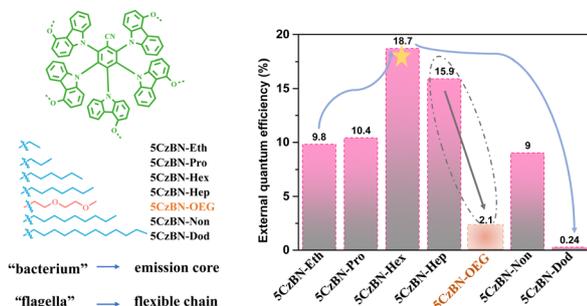
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Methyl red based metal–organic frameworks for the selective and tuneable sensing of ammonia gas

Craig N. G. Weir, Rodney J. Blanchard, Amanda P. Parsons, Gauthaman Kalarikkandy and Michael J. Katz*



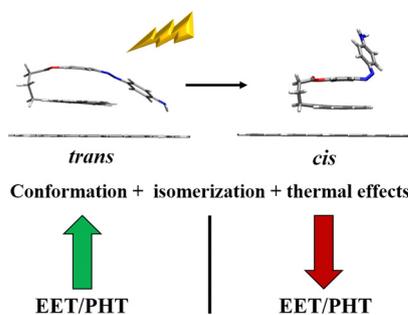
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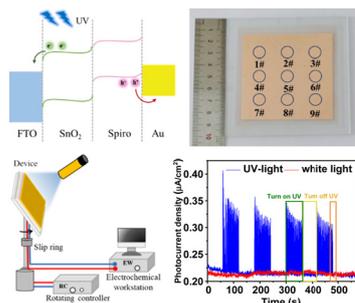
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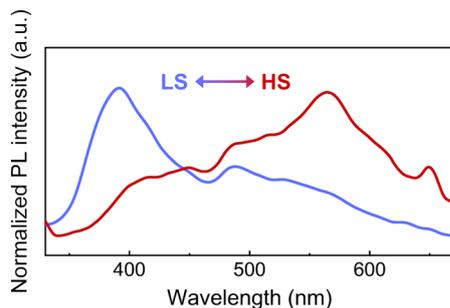
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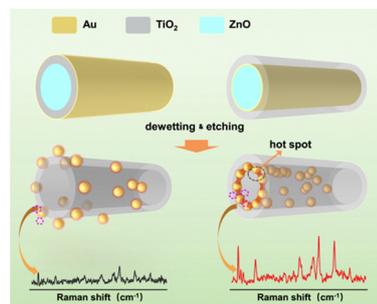
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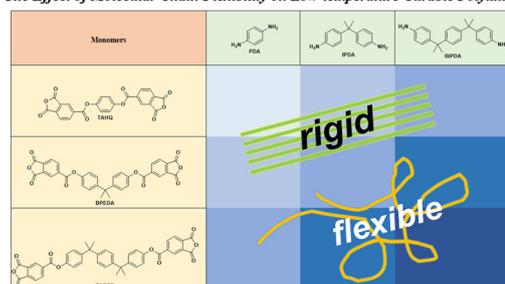


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Shan Huang, Yao Zhang, Xingwang Lai, Xialei Lv,* Jinhui Li,* Siyao Qiu, Guoping Zhang* and Rong Sun

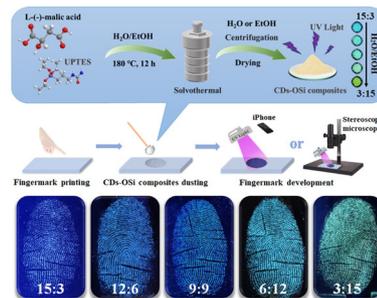
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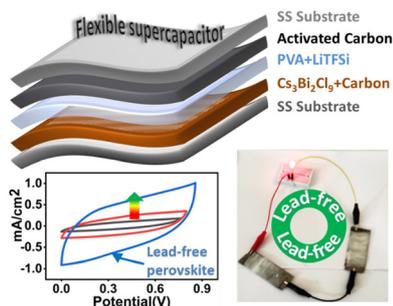
Xiyue Cao, Jiashi Chen, Yue Chen, Xuanfeng Jiang, Wen Fan, Huijuan Ma, Zhengguang Sun* and Yuan Zhan*



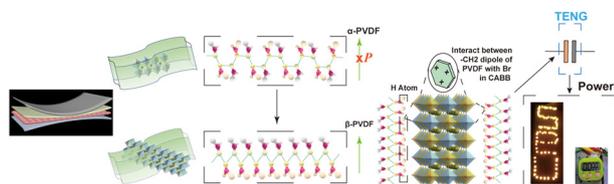
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Lead-free halide perovskites for high-performance thin-film flexible supercapacitor applications

Ankur Yadav, Ankush Saini, Praveen Kumar and Monojit Bag*



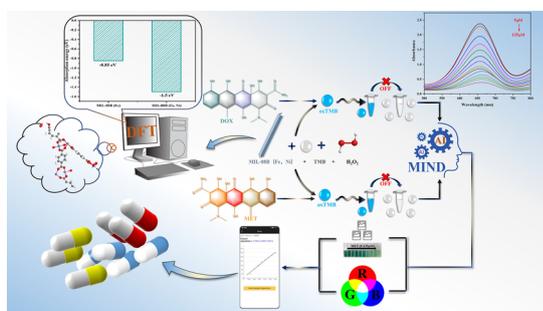
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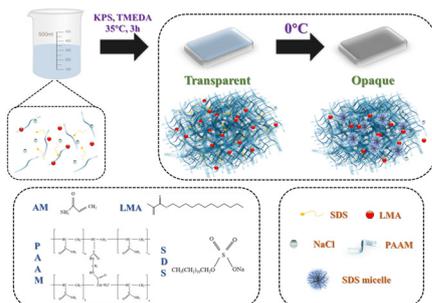
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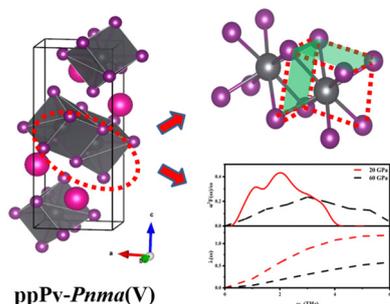
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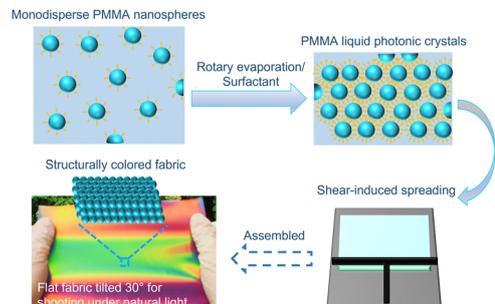
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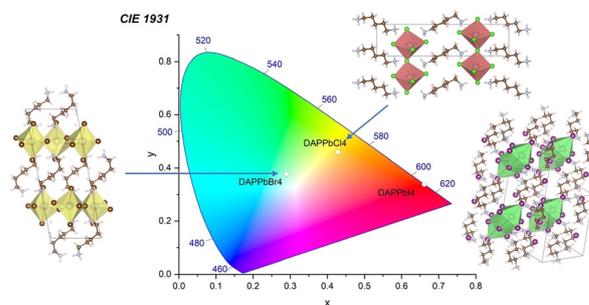
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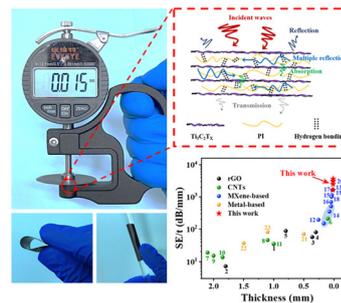
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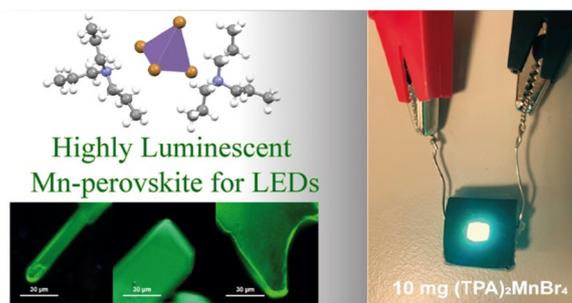
Binzhe Tan, Dongya Guo, Zhirong Tao, Zhibo Chen, Zhijian Lv, Guozhang Wu* and Yu Lin*



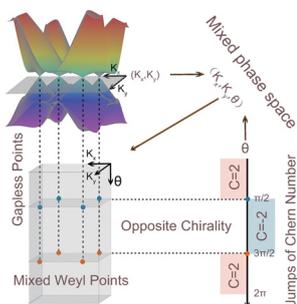
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A new eco-friendly and highly emitting Mn-based hybrid perovskite toward high-performance green down-converted LEDs

Asmae Ben Abdelhadi, Mario Gutiérrez, Boiko Cohen, Luis Lezama, Mohammed Lachkar and Abderrazzak Douhal*



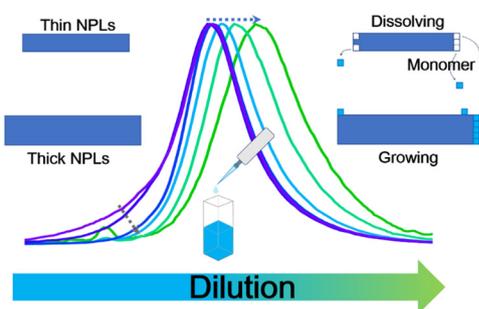
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A mixed Weyl semimetal in a two-dimensional ferromagnetic BaCrSe₂ monolayer

Bo Yuan, Wenli Sun, Yingxi Bai, Zhiqi Chen, Baibiao Huang, Ying Dai* and Chengwang Niu*

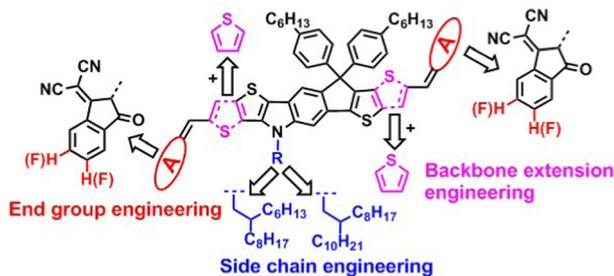
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Hui Zhang, Feifei Cai, Bo Huang,* Huichao Zhang* and Shitong Li

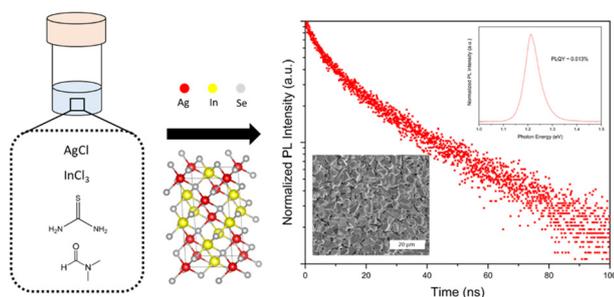
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Gang Wang, Xuejiao Tang, Yalun Zhao, Mingfan Li, Pingping Huang, Xiaoying Zhang, Chao Weng and Ping Shen*

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Enhancing the optoelectronic properties of solution-processed AgInSe₂ thin films for application in photovoltaics

Shubhanshu Agarwal, Kyle Weideman, David Rokke, Kiruba Catherine Vincent, Dmitry Zemlyanov and Rakesh Agrawal*

