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Materials for optical, magnetic and electronic devices

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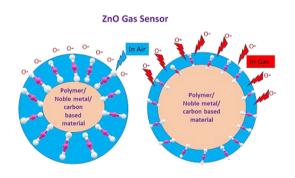
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Kurugundla Gopi Krishna, Godavarti Umadevi, Saidireddy Parne* and Nagaraju Pothukanuri*

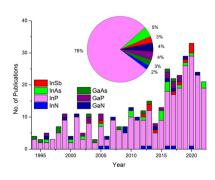


PERSPECTIVE

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Colloidal III-V quantum dots: a synthetic perspective

Theodore A. Gazis, Ashleigh J. Cartlidge and Peter D. Matthews*



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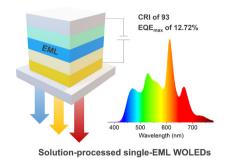


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Solution-processed single-emissive-layer WOLEDs with high efficiency and ultra-high color rendering index beyond 90

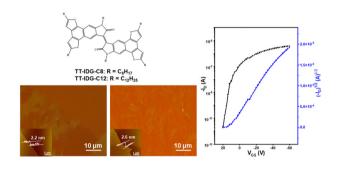
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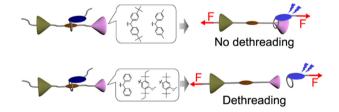


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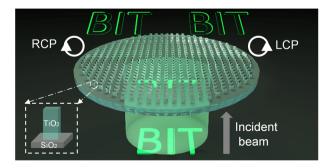
Keiko Hiratsuka, Tatsuya Muramatsu, Takuya Seki, Christoph Weder, Go Watanabe* and Yoshimitsu Sagara*



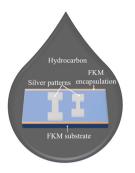
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Computing metasurface capable of broad-band switchable anisotropic edge-enhanced imaging

Qun Hao, Wenli Wang, Jing Wang, Qianhui Li, Yao Hu,* Shaohui Zhang and Liandong Yu



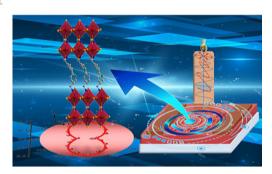
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Encapsulating and inkjet-printing flexible conductive patterns on a fluoroelastomer for harsh hydrocarbon fluid environments

Sahil P. Wankhede, Ali H. Alshehri and Xian Du*

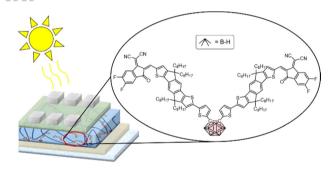
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Polar 2D hybrid perovskite crystals with intrinsic strong linear dichroism for polarization-sensitive and self-powered detection

Yaoyao Chen, Liwei Tang, Yi Liu, Tian Yang, Lina Hua, Xi Zeng, Junhua Luo and Zhihua Sun*

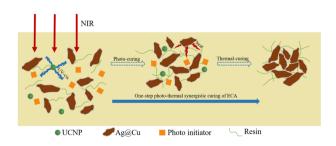
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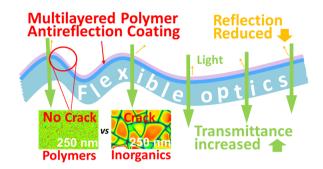
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Xiaoyu Wang, Ren Liu and Jing Luo*

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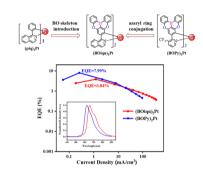
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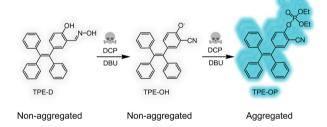
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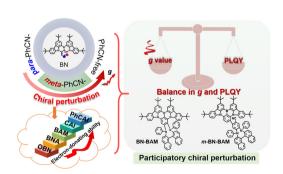
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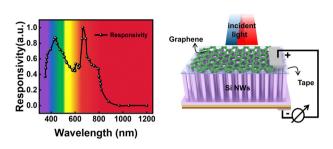
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Design of high-performance circularly polarized multiple resonance-based TADF materials via participatory chiral perturbation

Ping Li, Wenjing Li, Qixin Lv, Runfeng Chen* and Chao Zheng*



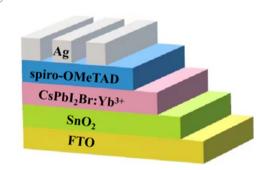
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Di-Hua Lin, Fang Wan, Shu-Chang Gong, Can Fu, Feng-Xia Liang* and Lin-Bao Luo*

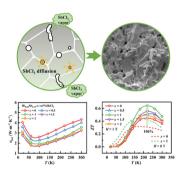
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Zhiyuan Fang, Nan Ding, Wen Xu, Tianyuan Wang, Yue Wang, Lu Zi, Junhua Hu, Siyu Lu, Donglei Zhou, Xue Bai and Hongwei Song*

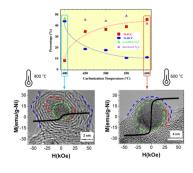
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Jian Wang, Feng Luo, Can Zhu, Jiafu Wang, Xiong He, Yan Zhang, Hongxia Liu* and Zhigang Sun*

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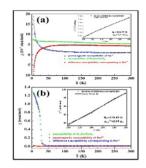
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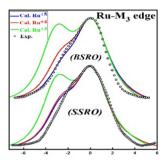
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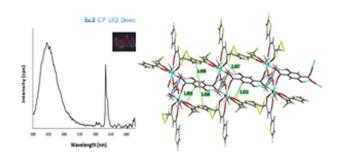




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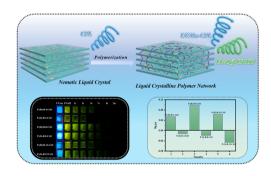
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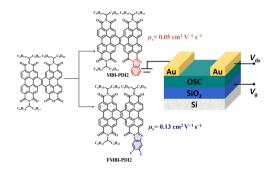
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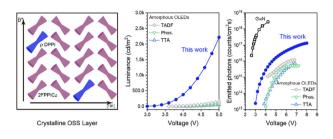
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Difluorobenzimidazole-decorated helical perylene diimide dimers for high-performance n-type organic field-effect transistors

Nuoya Li, Li Chen, Guangwei Shao, Jingjing Zhao, Di Wu* and Jianlong Xia*



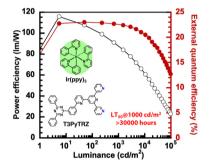
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A deep-blue crystalline organic light-emitting diode based on a solid-solution thin-film emitting layer

Peifu Sun, Feng Zhu* and Donghang Yan

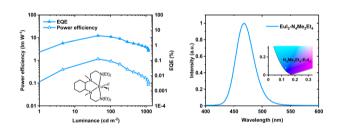




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Tomoya Kawano, Hisahiro Sasabe,* Yu Saito, Yuhui Chen, Yuma Kori, Takeru Nakamura, Shoki Abe, Tomohiro Maruyama and Junji Kido

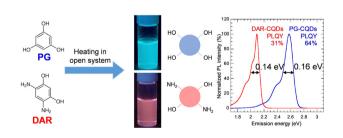
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Hao Qi, Tianming Zhong, Peihao Huo, Jiayin Zheng, Zifeng Zhao, Wenchao Yan, Zuqiang Bian* and Zhiwei Liu*

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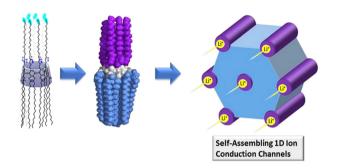
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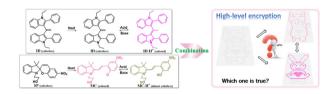
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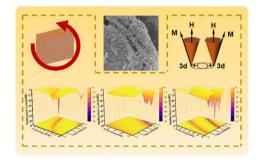
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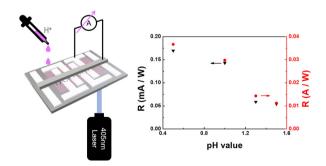
Yan Wang, Haiyan Zhang,* Qibai Wu, Shengkai Li, Heng Gao, Baoshan Wan, Daofeng Wen and Guoxun Zeng



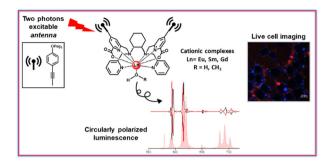
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Chung Han Yang, Ming Che Lu, Hsia Yu Lin, Guan Zhang Lu and Yang Fang Chen*



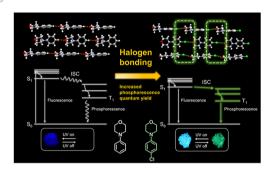
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Silvia Mizzoni, Silvia Ruggieri, Annika Sickinger, François Riobé, Laure Guy, Margaux Roux, Guillaume Micouin, Akos Banyasz, Olivier Maury,* Bruno Baguenard, Amina Bensalah-Ledoux, Stéphan Guy, Alexei Grichine, Xuan-Nhi Nguyen, Andrea Cimarelli, Martina Sanadar, Andrea Melchior* and Fabio Piccinelli*

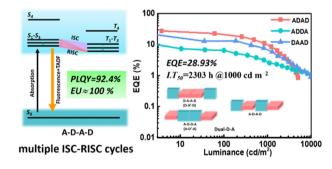
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Modulating room temperature phosphorescence through intermolecular halogen bonding

Dongyan Jiang, Chunya Du, Zhenyu Yan, Shuyuan Ge, Zijun Feng, Liang Wan and Ping Lu*

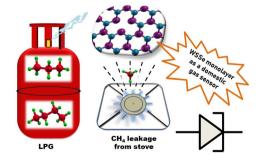
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Teng Gao, Jianjun Liu,* Guanhao Liu, Yuanyuan Qin, Shaogang Shen, Honglei Gao, Xiangyu Dong, Pengfei Wang, Yong-Jin Pu* and Ying Wang*

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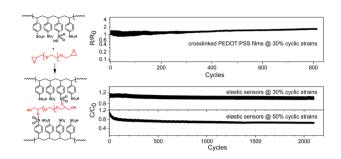
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