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IN THIS ISSUE

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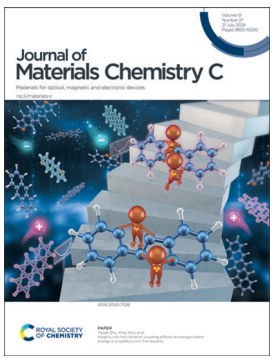

Cover
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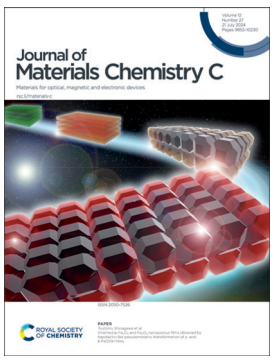
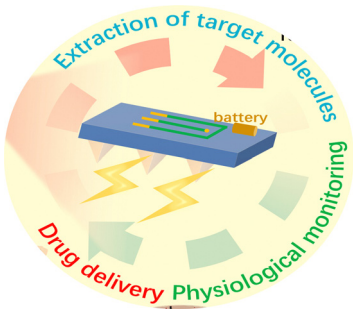
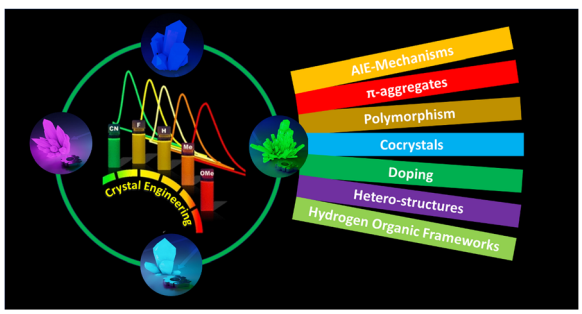


Inside cover
See Tsutomu Shinagawa *et al.*, pp. 9957–9967. Image reproduced by permission of Tsutomu Shinagawa from *J. Mater. Chem. C*, 2024, **12**, 9957.

REVIEWS





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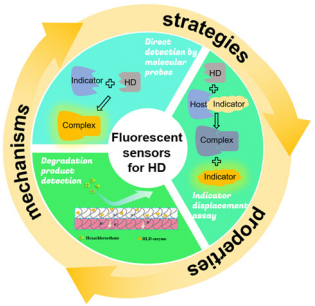

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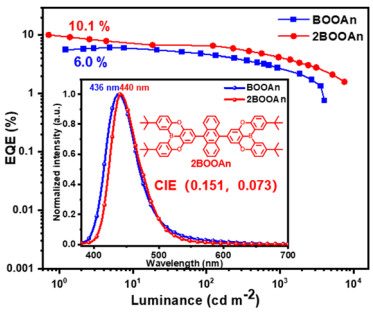

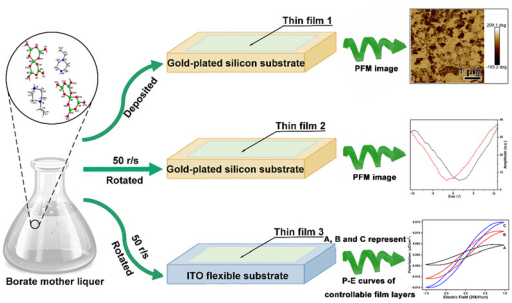

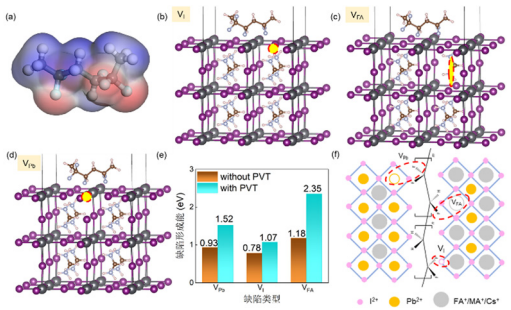

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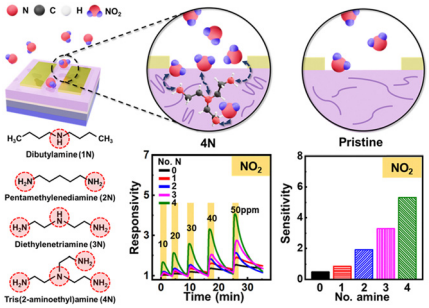

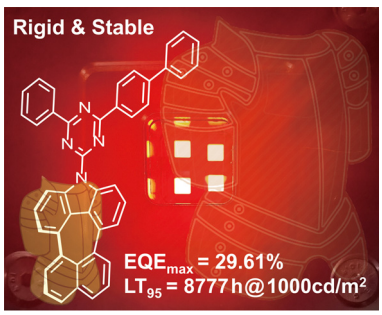

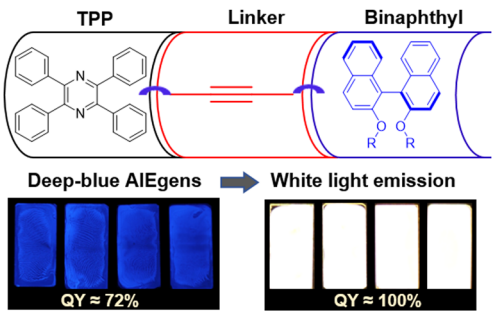

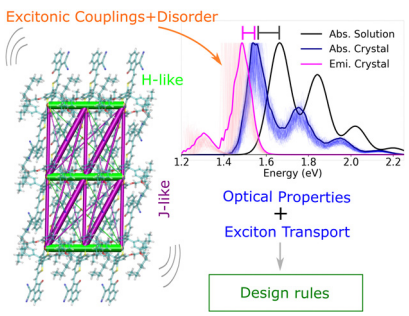

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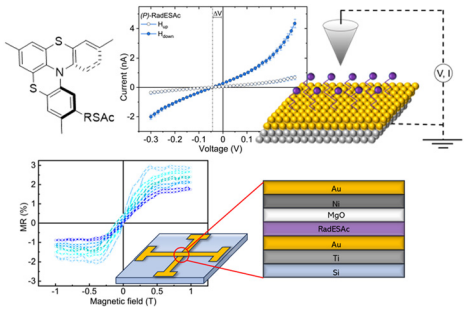
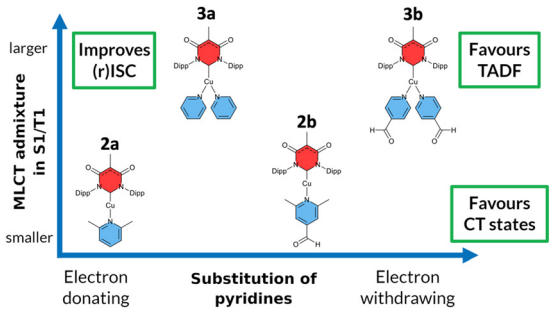


Spin polarized current in chiral organic radical monolayers

Niccolò Giaconi, Michela Lupi, Tapan Kumar Das, Anil Kumar, Lorenzo Poggini, Caterina Viglianisi, Lorenzo Sorace, Stefano Menichetti, Ron Naaman, Roberta Sessoli and Matteo Mannini*

10036



How to tune luminescent Cu(I) complexes with strong donor carbenes towards TADF?

Jasper Guhl, Dragana Sretenović, Philipp Schmeinck, Suren Felekyan, Ralf Kühnemuth, Christian Ganter,* Claus A. M. Seidel,* Christel M. Marian* and Markus Suta*

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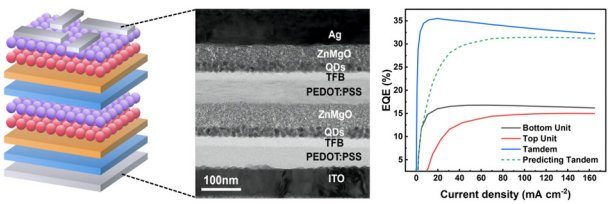

Fully solution-processed red tandem quantum dot light-emitting diodes with an EQE exceeding 35%

Yuhan Sun, Changfeng Han, Ruifeng Li,* Chaoyu Xiang,* Ting Zhang* and Lei Qian

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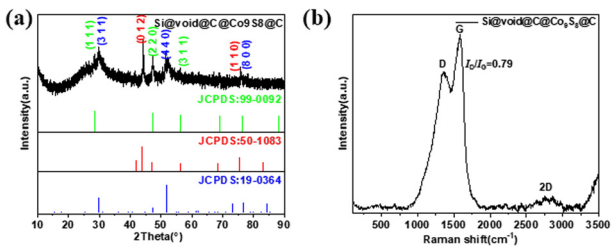

ZIF-derived carbon-coated Co_9S_8 for a silicon anode with superior performance in lithium-ion batteries

Xiaojie Sun, Ping Chen,* Xue Zhou, Ying Liu and Weixiao Dong

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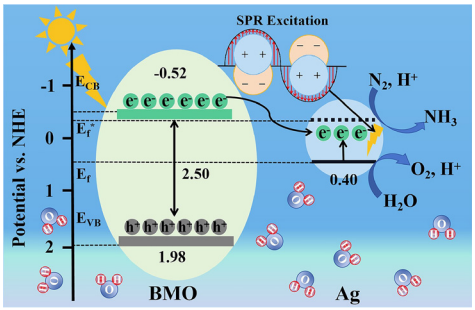

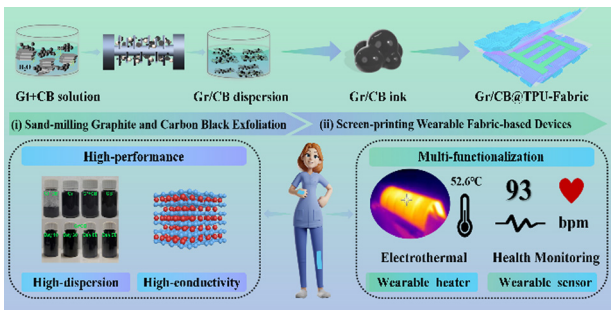

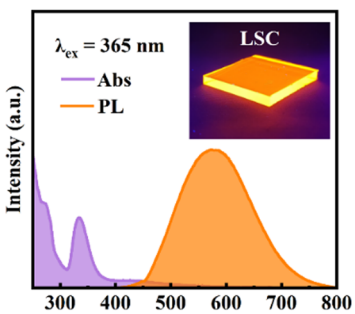

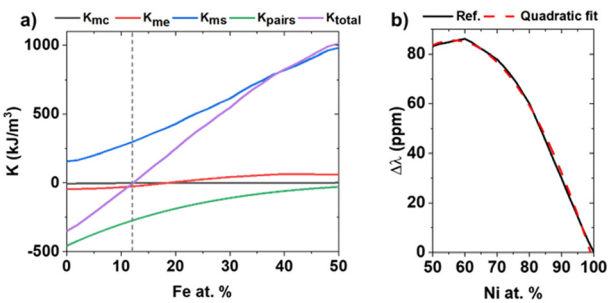

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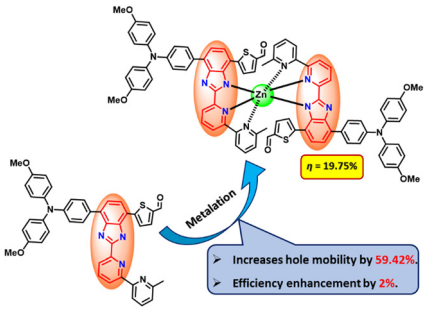

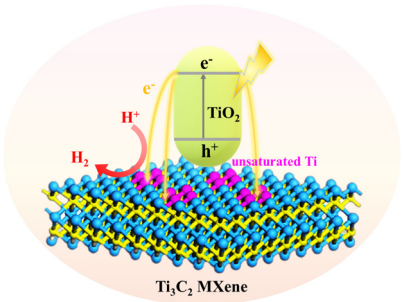

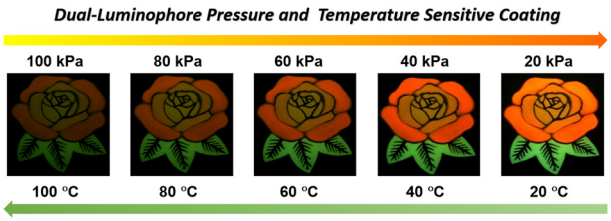

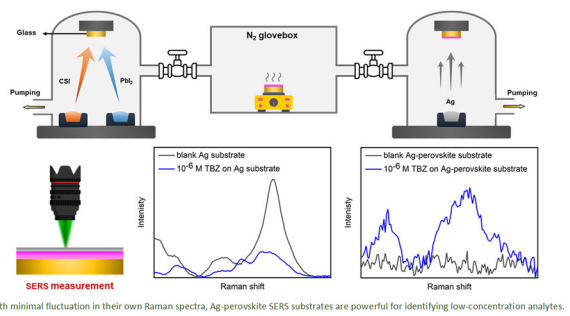

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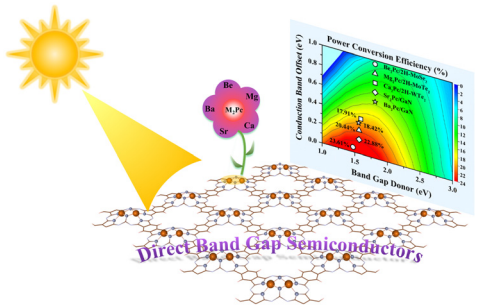
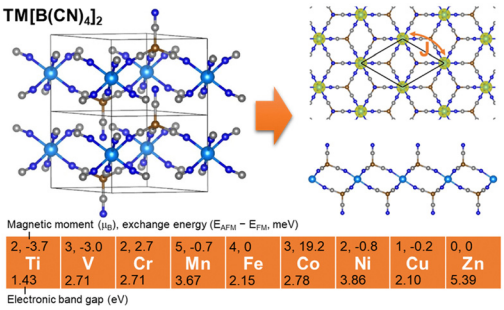


Alkaline-earth metal embedded expanded phthalocyanine nanosheets with direct band gaps and high power conversion efficiency

Cui Wang and Li-Ming Yang*

10193



Prediction of two-dimensional large-gap magnetic semiconductors in transition metal superhalogenides

Jing Wang, Yuzhen Liu,* Ruifeng Lu, Ziyang Qu, Ang Li, Yi Wan and Chengxi Huang*

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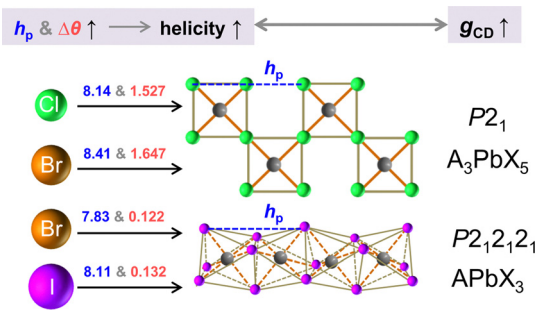

The role of halogens in structural diversity and chirality enhancement of 1D chiral hybrid metal halides

Jing-Meng Zhang, Xiang-Bin Han, Wei Wang, Ming-Liang Jin, Chang-Qing Jing, Chao-Yang Chai, Cheng-Dong Liu and Wen Zhang*

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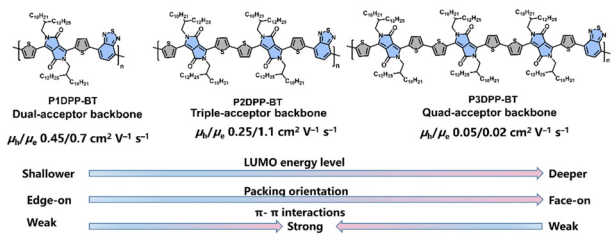

An acceptor-quantity modulation strategy for high-performance ambipolar semiconducting polymers: from a dual-acceptor to a quad-acceptor backbone

Kewei Jiao, Xiaochan Zuo, Tao Shen, Wenhao Li, Yan Zhao, Xiaoliang Mo,* Yang Wang* and Yunqi Liu

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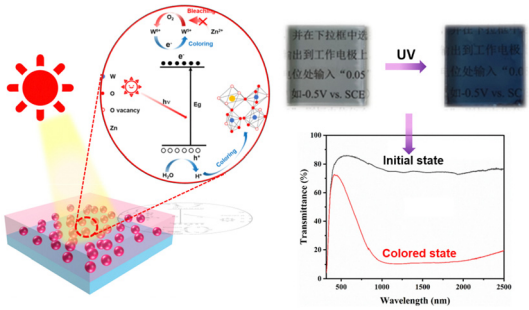

CORRECTIONS