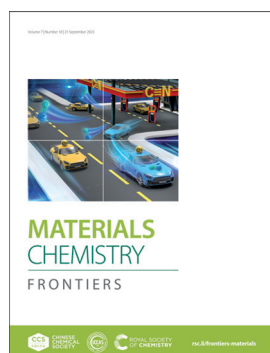


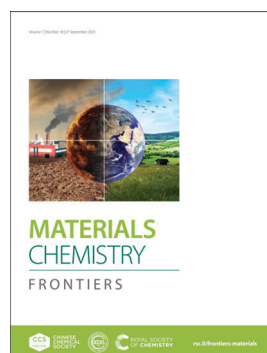
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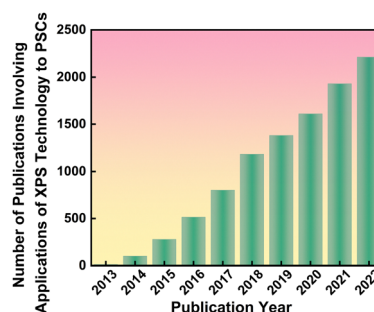
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Lessons learned: how to report XPS data incorrectly about lead-halide perovskites

Chi Li, Ni Zhang and Peng Gao*

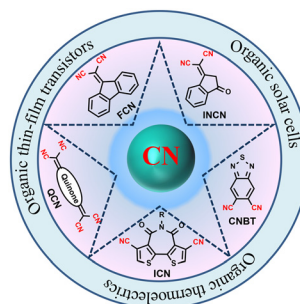


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Cyano-functionalized organic and polymeric semiconductors for high-performance n-type organic electronic devices

Yongchun Li, Enmin Huang, Xugang Guo* and Kui Feng*



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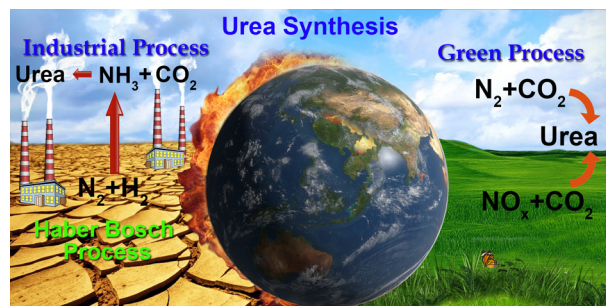


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Progress of electrocatalytic urea synthesis: strategic design, reactor engineering, mechanistic details and techno-commercial study

Sourav Paul, Ashadul Adalder and Uttam Kumar Ghorai*



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Versatile π -bridges in nonfullerene electron acceptors of organic solar cells

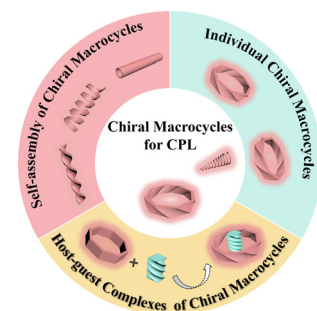
Fan Feng, Pengchao Wang, Yonghai Li* and Xichang Bao*



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Circularly polarized luminescence from chiral macrocycles and their supramolecular assemblies

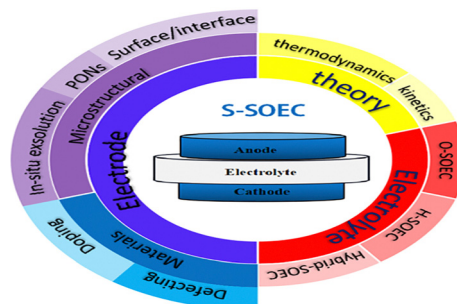
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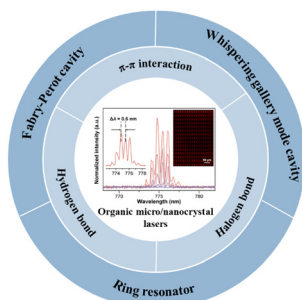
Advances and challenges in symmetrical solid oxide electrolysis cells: materials development and resource utilization

Jiamin Gu, Xiaoxin Zhang, Yunxia Zhao, Abdullah Alodhayb, Yifei Sun* and Yunfei Bu*



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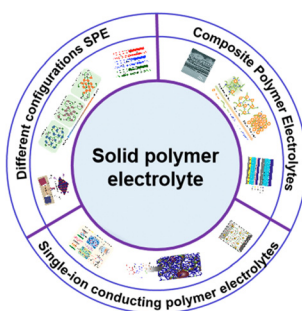
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Construction of organic micro/nanocrystal lasers: from molecules to devices

Ying-Li Shi, Ling-Yi Ding, Yun Hu, Qiang Lv, Wan-Ying Yang and Xue-Dong Wang*

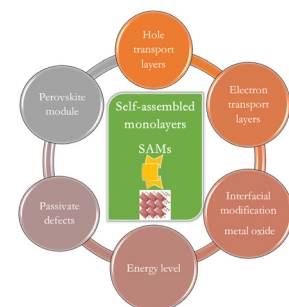
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Designing polymer electrolytes for advanced solid lithium-ion batteries: recent advances and future perspectives

Tiantian Lu, Lixiang Guan, Qi Zhan, ZiYang Liang, Chang Liu, Lifeng Hou,* Huayun Du, Yinghui Wei, Shi Wang* and Qian Wang*

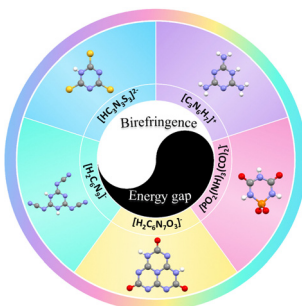
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Towards cost-efficient and stable perovskite solar cells and modules: utilization of self-assembled monolayers

Haoliang Cheng, Yungui Li and Yufei Zhong*

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Design and synthesis of anisotropic crystals with π -conjugated rings toward giant birefringence

Yunqi Zhao, Liangmeng Zhu, Yanqiang Li, Xiaojun Kuang, Junhua Luo and Sangen Zhao*

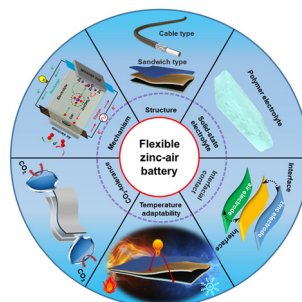


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Advances in polymer electrolytes for solid-state zinc–air batteries

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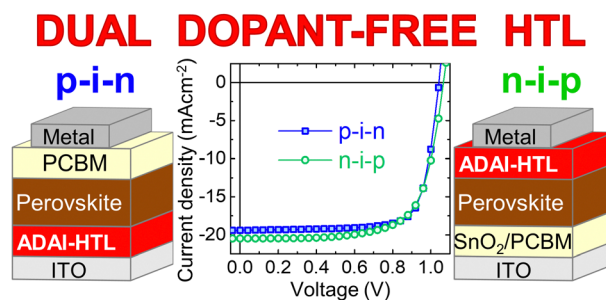


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Small molecule dopant-free dual hole transporting material for conventional and inverted perovskite solar cells

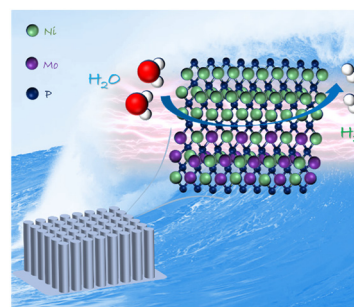
Miriam Más-Montoya, Paula Gómez, Junke Wang,
René A. J. Janssen* and David Curiel*



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Constructing NiMoP nanorod arrays with a highly active Ni₂P/NiMoP₂ interface for hydrogen evolution in 0.5 M H₂SO₄ and 1.0 M KOH media

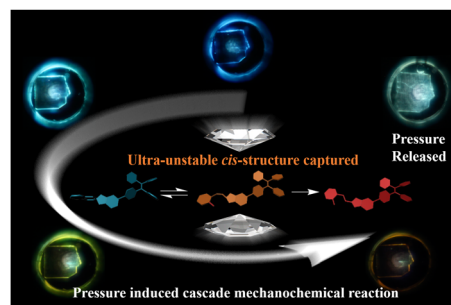
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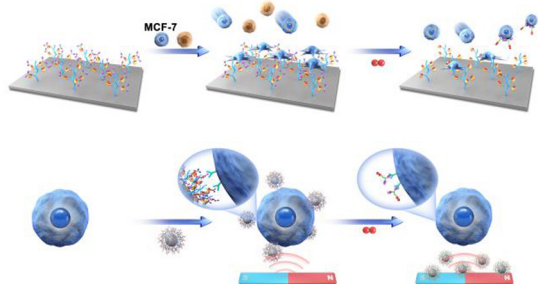
Real time optical monitoring of cascade mechanochemical reactions and capture of ultra-unstable intermediates under hydrostatic pressure

Xing Su, Nan Li, Kai Wang, Qian Li, Weiguang Shao,
Lulu Liu, Binhong Yu, Yu-Mo Zhang, Tingting Lin,*
Bo Zou,* Yifei Liu* and Sean Xiao-An Zhang



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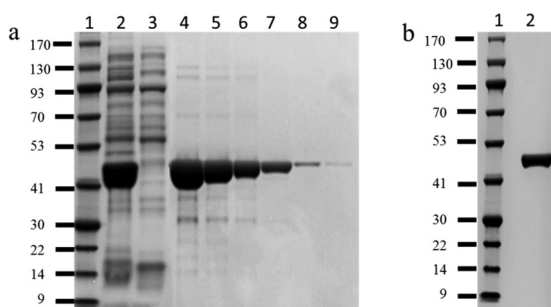
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Dynamic display of cell targeting motifs via natural glycopeptide recognition for cancer cell isolation

Wenbo He, Zhaoyang Yao, Youlu Diao, Miao Wang* and Guoqing Pan*

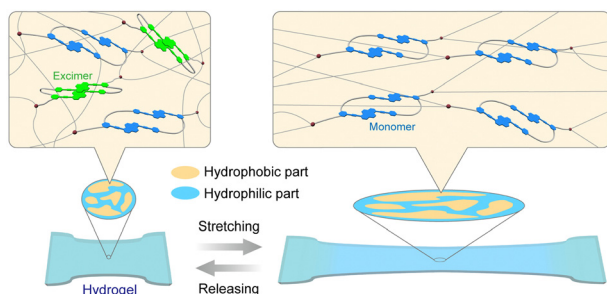
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Gold nanoparticle-based immunochromatographic assay for the rapid detection of the SARS-CoV-2 Omicron variant

Liya Ye, Xianlu Lei, Liguang Xu, Hua Kuang, Chuanlai Xu and Xinxin Xu*

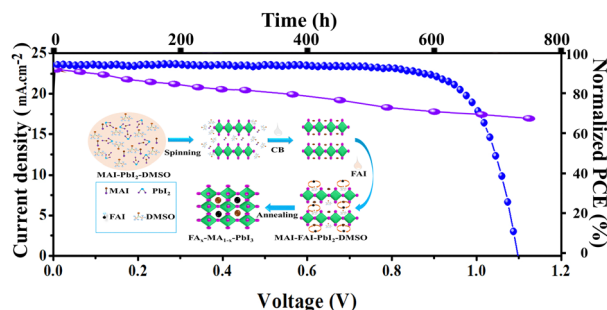
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Mechanochromic luminescence of phase-separated hydrogels that contain cyclophane mechanophores

Shohei Shimizu, Hiroaki Yoshida, Koichi Mayumi, Hiroharu Ajiro and Yoshimitsu Sagara*

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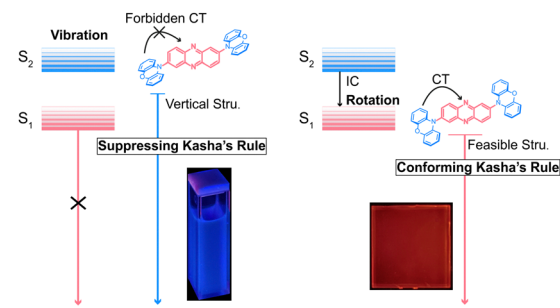


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Suppression and utilization of Kasha's rule: realizing the transformation from blue to near-infrared emission

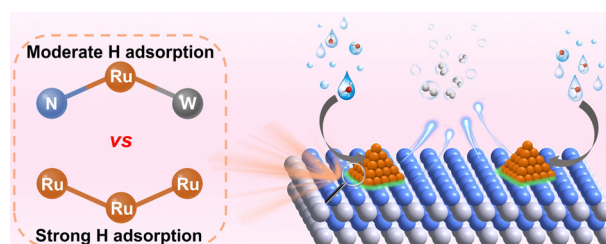
Mingchen Xie, Jia-Heng Cai, Guangyu Zhang, Sinyeong Jung, Dongfang Dong, Zhao-Yang Zhang, Dong-Ying Zhou,* Liang-Sheng Liao and Tao Li*



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Optimizing the hydrogen adsorption strength on interfacial Ru sites with WN for high-efficiency hydrogen evolution

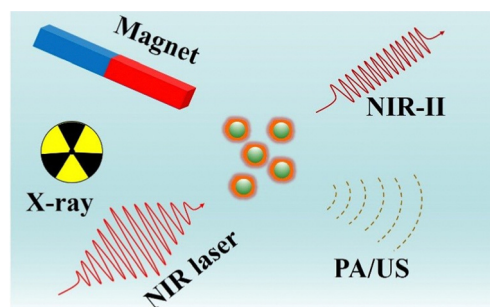
Guocong Liu, Jiachen Zhang, Huanyu Ren, Yawen Tang* and Hanjun Sun*



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PVP-coated ultrasmall Nd-doped Gd₂O₃S nanoparticles for multimodal imaging

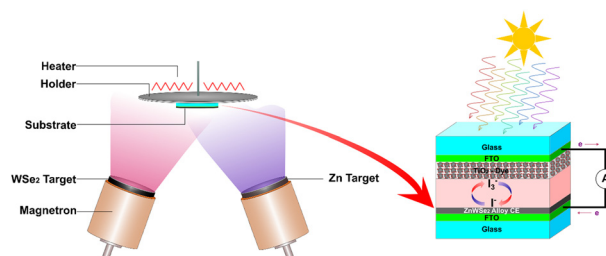
Qilin Zou, Luan Passini, Laure Gibot, Delphine Lagarde, Jie Hu, Haomiao Zhu, Franck Desmoulin, Pierre Sicard, Nitchawat Paiyabthoma, Marc Verelst, Robert Mauricot* and Clément Roux*



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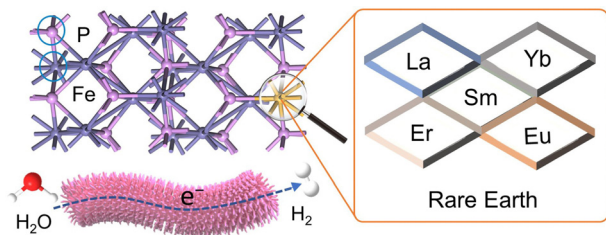
Design of an amorphous ZnWSe₂ alloy-based counter electrode for highly efficient dye-sensitized solar cells

D. A. Ari, A. Sezgin, M. Unal, E. Akman, I. Yavuz, F. C. Liang, M. Yilmaz* and S. Akin*



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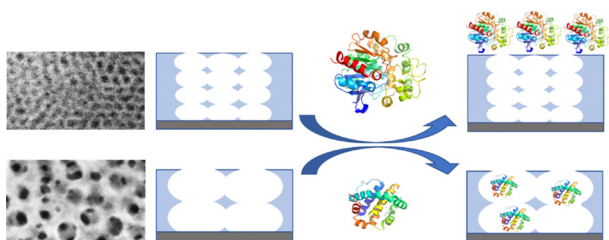
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Universal synthesis of rare earth-doped FeP nanorod arrays for the hydrogen evolution reaction

Minnan Chen, Zijing Lin, Yi Ren, Xuan Wang, Meng Li, Dongmei Sun,* Yawen Tang* and Gengtao Fu*

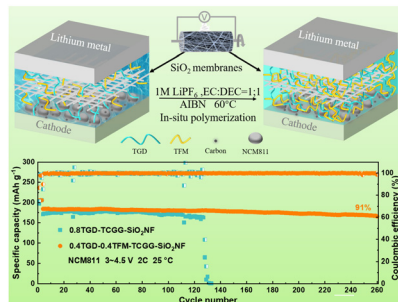
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Large-pore mesoporous silica: template design, thin film preparation and biomolecule infiltration

Sebastián Alberti,* Sonja Schmidt, Simone Hageneder, Paula C. Angelomé, Galo J. A. A. Soler-Illia, Philipp Vana, Jakub Dostalek, Omar Azzaroni and Wolfgang Knoll

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In situ fabrication of fluorine-modified acrylate-based gel polymer electrolytes for lithium-metal batteries

Kun Yang, Zhichuan Shen, Junqiao Huang, Jiawei Zhong, Yuhua Lin, Junli Zhu, Jiashun Chen, Yating Wang, Tangtang Xie, Jie Li* and Zhicong Shi*

CORRECTION

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Yingyong Ni, Longmei Yang, Lin Kong, Chengyuan Wang,* Qichun Zhang and Jiaxiang Yang*

