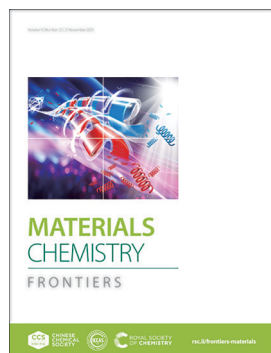


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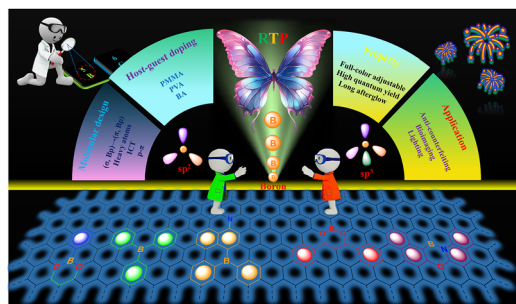
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REVIEW

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Recent advances in boron-based room-temperature phosphorescence materials: design strategies, mechanisms, and applications

Siyang Peng, Xueqi Cai, Qiuyu Zhang, Yitong Sun, Liyan Zheng, Qiue Cao and Yonggang Shi*

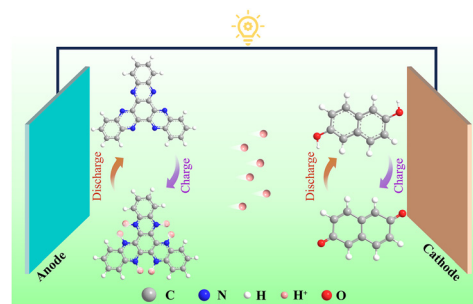


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A rocking-chair type all-organic proton battery operated at ultralow temperature

Qiuyan Xu, Lei Liu, Keyu Chen, Yutian Xiang, Xiang Liu, Haoxiang Yu, Liyuan Zhang, Lei Yan* and Jie Shu*



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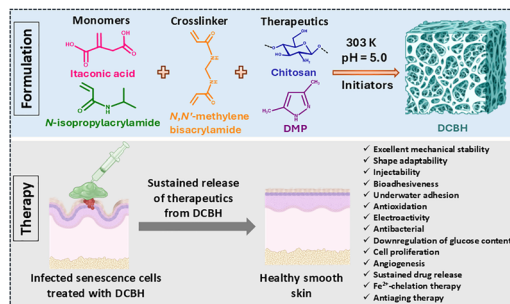


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Sustained release of a low molecular weight antilipolytic drug from an electroactive hydrogel for antiaging and biomedical applications

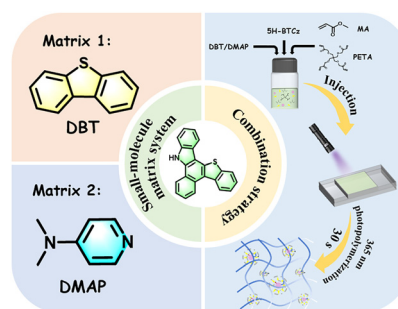
Himarati Mondal* and Hyun Jong Lee*



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Tailoring ultralong organic room temperature phosphorescence through the combination strategy using small-molecule matrix and polymer matrix

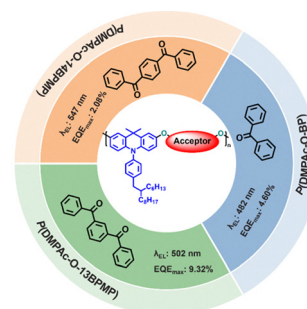
Tianya Zhang, Xingda Zhang, Liming Lin, Yanjun Zhao, Lijuan Bu, Zhimin Ma, Mingxing Chen, Yan Guan and Zhiyong Ma*



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Acceptor engineering for color modification in D–O–A based pure organic room-temperature electrophosphorescent polymers

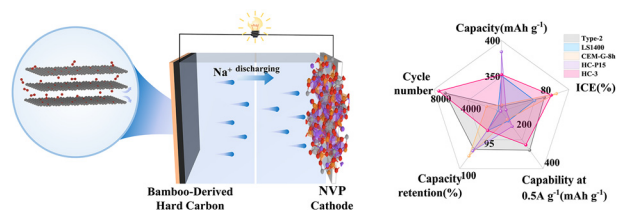
Dengfeng Mei, Bitian Chen, Han Si,* Xinrui Liu, Lei Zhao, Ning Sun* and Junqiao Ding*



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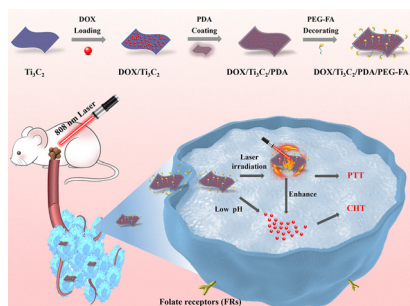
A simple pre-oxidation approach for enhanced sodium-ion storage in bamboo-derived hard carbon

Jie Zhang, Jiahao Zhang, Lei Zhang, Shiwen Wang, Binwei Zhang* and Shigang Sun



RESEARCH ARTICLES

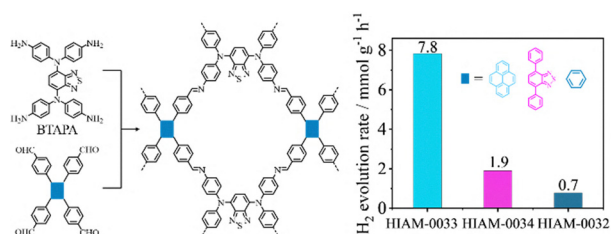
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Enhanced therapeutic efficacy of folic acid-decorated Ti_3C_2 MXenes in targeted combination therapy for liver cancer

Haizhen Lv, Zhiqiang Bai, Yanjun Li,* Lu Zhao,* Yunfeng Bai* and Feng Feng*

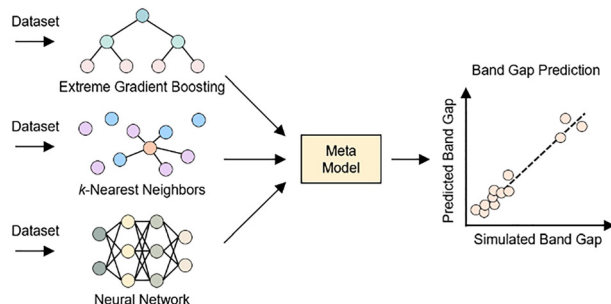
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Enhanced donor–acceptor synergy in covalent organic frameworks enabling broad light harvesting for efficient photocatalytic hydrogen production

Shuai Sun, Chao-Qin Han, Jia-Xin Guo, Gong-Hao Lu, Xiuzhe Hei* and Xiao-Yuan Liu*

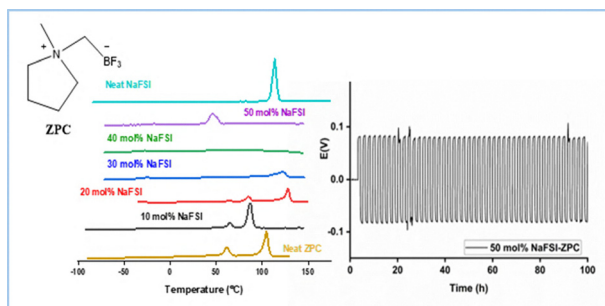
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Explainable ensemble learning to predict anisotropic nanomaterial band gap using atomic-scale structural descriptors

Ziqi Wang and Kenry*

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Physical and electrochemical properties of zwitterion-based electrolytes with different lithium and sodium salts

Charulakshmi Thiruvravisankar, Faezeh Makhlooghiyazad, Luke A. O'Dell and Jennifer M. Pringle*

