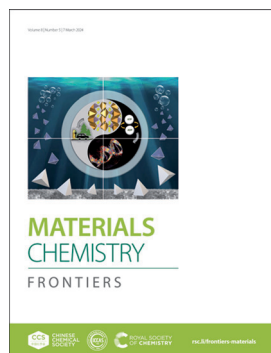


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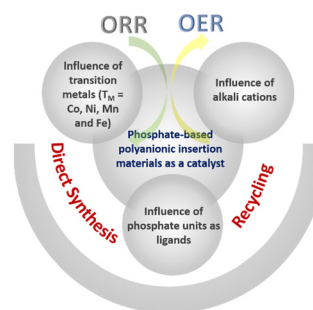
See Ritambhara Gond, Prabeer Barpanda *et al.*, pp. 1153–1170.
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Phosphate-based polyanionic insertion materials for oxygen electrocatalysis

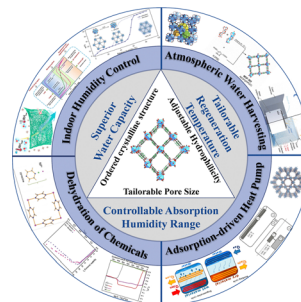
Ritambhara Gond,* Jiefang Zhu and Prabeer Barpanda*



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Recent advances in metal–organic frameworks for water absorption and their applications

Lu Cheng, Yu Dang, Yu Wang* and Kai-Jie Chen*



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Fundamental questions
Elemental answers

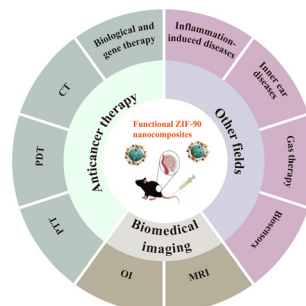


REVIEWS

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Research advances and applications of ZIF-90 metal–organic framework nanoparticles in the biomedical field

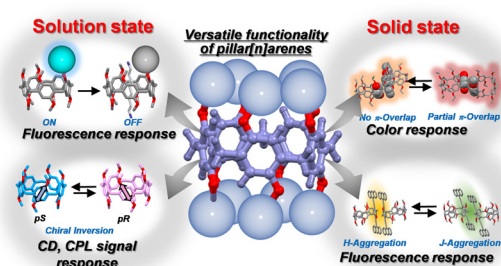
Siqi Chen, Hekai Pang, Jianing Sun and Kexin Li*



1212

Functionalization of pillar[n]arenes towards optically responsive systems via host–guest interactions

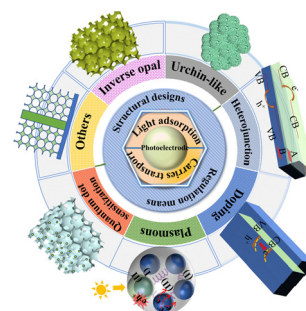
Keisuke Wada and Tomoki Ogoshi*



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Recent advances on three-dimensional ordered macroporous metal oxide-based photoelectrodes for photoelectrochemical water splitting

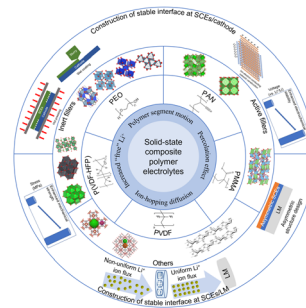
Runlong Jia, Yijie Wang, Aoshuang Li and Chuanwei Cheng*



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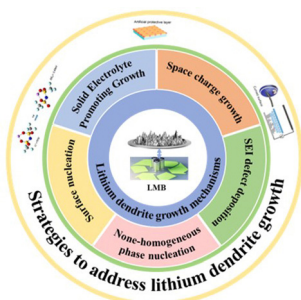
Solid-state composite electrolytes: turning the natural moat into a thoroughfare

Guangyuan Du, Dilxat Muhtar, Jiaqi Cao, Yongfei Zhang, Guoyu Qian, Xueyi Lu and Xia Lu*



REVIEWS

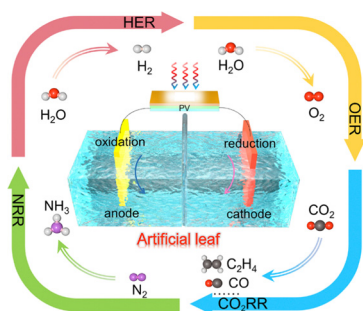
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Mechanism and solutions of lithium dendrite growth in lithium metal batteries

Yafei Huang, Haotian Yang, Yan Gao, Guorong Chen,*
Yan Li,* Liyi Shi and Dengsong Zhang*

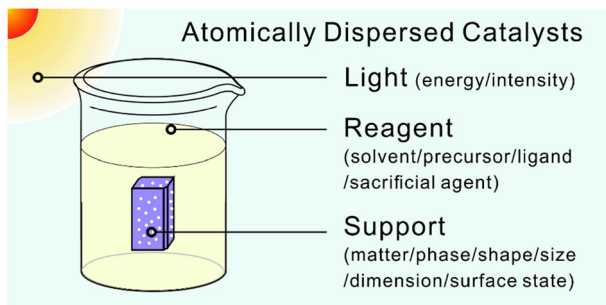
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High-performance artificial leaf: from electrocatalyst design to solar-to-chemical conversion

Yuewen Sun, Zaiqi Li, Bin Sun, Yuyin Mao,
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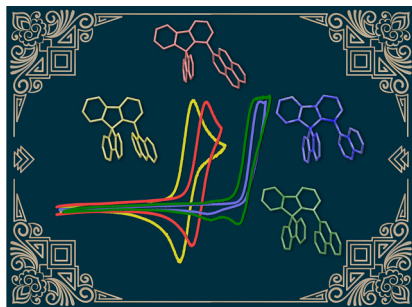


A review on the photochemical synthesis of atomically dispersed catalysts

Shaohua Chen and Pengxin Liu*

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Influence of the pendant substituent at the C1 position of a spirobifluorene scaffold on the electronic properties

Lambert Sicard, Clément Brouillac, Nicolas Leclerc,
Sadiara Fall, Nicolas Zimmerman, Olivier Jeannin,
Joëlle Rault-Berthelot, Cassandre Quinton and
Cyril Poriel*

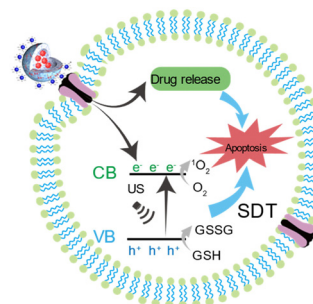


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Carbon dot-modified controllable drug delivery system for sonodynamic/chemotherapy of tumors

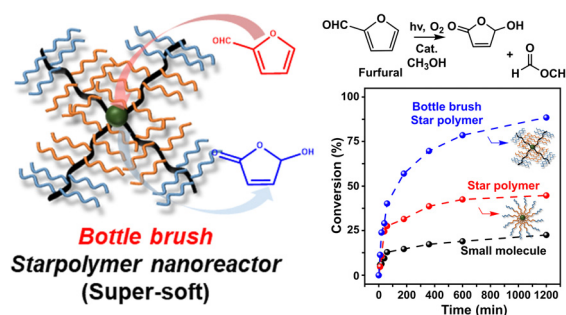
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Bottle brush star block copolymer nanoreactors for efficient photooxidation catalysis: effects of chain softness

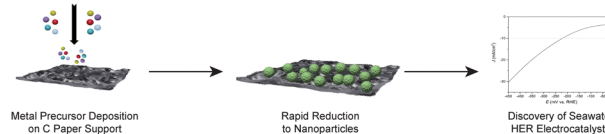
Jin Young Seo,* Hyeon Ji Oh, Youngjong Kang and Kyung-Youl Baek*



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Designing binary electrocatalysts for hydrogen evolution in saline electrolyte using rapid synthesis on carbon paper supports

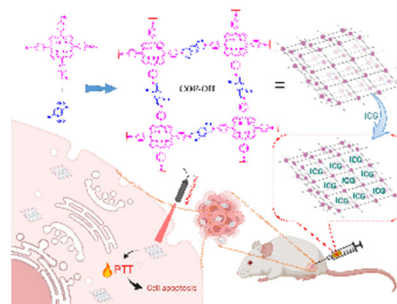
Connor S. Sullivan, Sangmin Jeong, Melissa E. King and Michael B. Ross*



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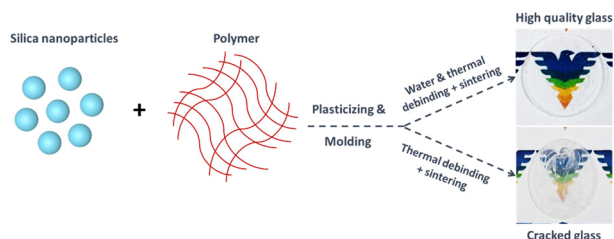
Indocyanine green-loaded porphyrin covalent organic frameworks for photothermal cancer therapy

Simiao Tong, Cheng Li, Kai Wang and Fengshou Wu*



RESEARCH ARTICLES

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Reduction of injection molded silica glass defects and enhancement of glass quality *via* water debinding

Shaorun Guo, Mohamed. A. Ali,* Moushira. A. Mohamed, Xuhu Han, Xiaofeng Liu and Jianrong Qiu*

CORRECTION

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Correction: Recent progress on covalent organic frameworks for photocatalytic hydrogen generation *via* water splitting

Shan-Shan Zhu, Zhenwei Zhang, Zhongping Li* and Xiaoming Liu*

