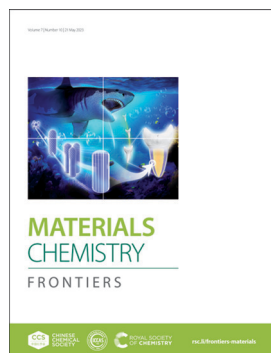


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Cover

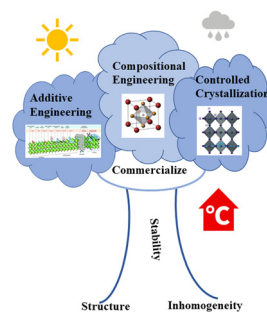
See Zhaoyong Zou, Zhengyi Fu *et al.*, pp. 2014-2026. Image reproduced by permission of Zhaoyong Zou from *Mater. Chem. Front.*, 2023, 7, 2014.

REVIEWS

1896

Issues of phase segregation in wide-bandgap perovskites

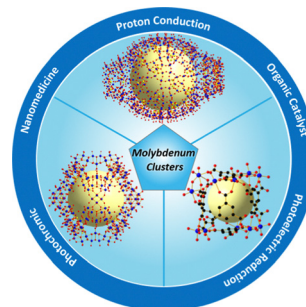
Zhenhua Cui, Qingshan Zhang, Yang Bai* and Qi Chen*



1912

Rational design and progress of molybdenum-oxo clusters

Chen Wang, Tan Su, Hong-Ying Zang* and Zhong-Min Su*



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Recent advances in carbon-resistant anodes for solid oxide fuel cells

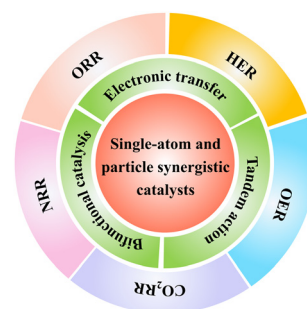
Wei Zhang, Jialu Wei, Fusheng Yin and Chunwen Sun*



1992

Research progress on single atom and particle synergistic catalysts for electrocatalytic reactions

Wenjing Xu, Maoqi Cao,* Jun Luo, Haili Mao, Hongfei Gu, Zhiyi Sun, Qingqing Liu* and Shuo Zhang*

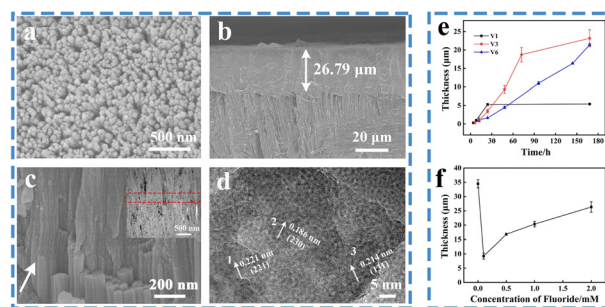


RESEARCH ARTICLES

2014

The nonclassical crystallization mechanism and growth kinetics of densely packed fluorapatite nanorod arrays: effects of the ion transportation rate and fluoride concentration

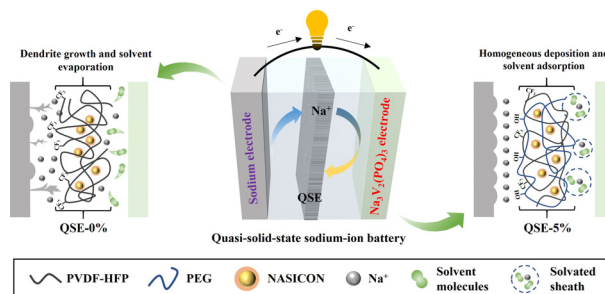
Meng Cai, Yiting Wang, Luyao Wan, Hang Ping, Wenxuan Wang, Weimin Wang, Hao Wang, Zhaoyong Zou* and Zhengyi Fu*



2027

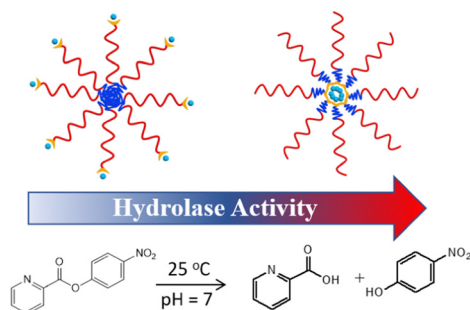
Enhancement of interfacial sodium ion transport stability in quasi-solid-state sodium-ion batteries using polyethylene glycol

Minjie Hou, Jie Zi, Lanqing Zhao, Yingjie Zhou, Fupeng Li, Zhipeng Xie, Da Zhang, Bin Yang and Feng Liang*



RESEARCH ARTICLES

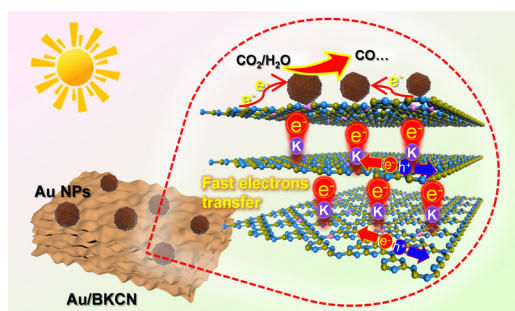
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Hydrophobic pockets built in polymer micelles enhance the reactivity of Cu^{2+} ions

Zichao Wei, Chung-Hao Liu, Qiang Luo, Srinivas Thanneeru, Alfredo M. Angeles-Boza, Mu-Ping Nieh and Jie He*

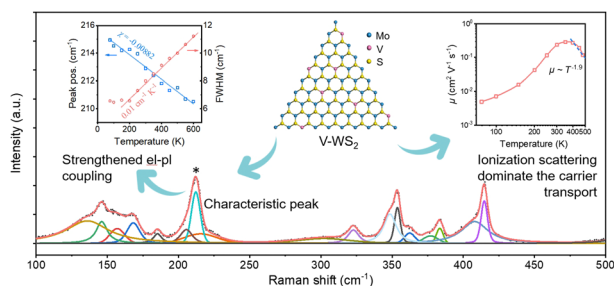
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Boosting charge transfer in Au-decorated B/K co-doped CN nanosheets towards enhanced photocatalytic CO_2 reduction

Xiangli Shi, Qiong Zhang, Yimeng Zhou, Qianjin Ye, Deli Jiang,* Dan Tian and Di Li*

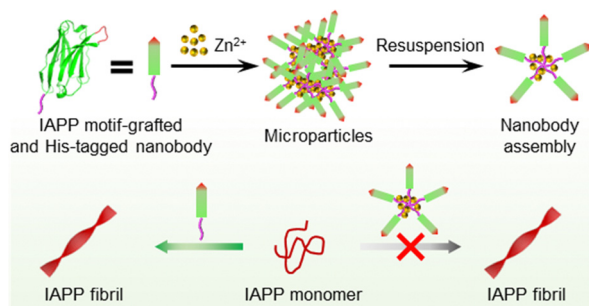
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Raman spectroscopy and carrier scattering in 2D tungsten disulfides with vanadium doping

Jingyun Zou,* Yingjie Xu, Xinyue Miao, Hongyu Chen, Rongjie Zhang, Junyang Tan, Lei Tang, Zhengyang Cai, Cheng Zhang, Lixing Kang, Xiaohua Zhang, Chunlan Ma,* Hui-Ming Cheng and Bilu Liu*

2068



Metal-mediated nanobody assemblies as potent alleviators of human islet amyloid polypeptide aggregation

Liyuan Zhao, Liang Luo* and Fanling Meng*

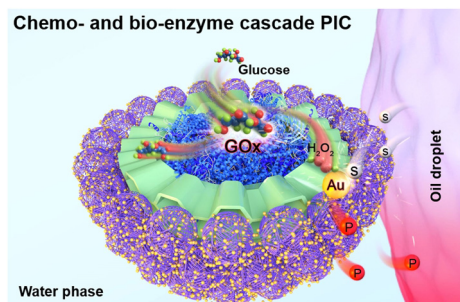


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Multifunctional integrated compartment systems for incompatible Pickering interfacial catalysis cascade reactions based on responsive core-shell nanoparticles

Yongkang Xi, Shuxin Wang, Bo Liu, Shuheng Wei, Lukas Zeininger, Shouwei Yin,* To Ngai* and Xiaoquan Yang



2085

A post-synthetically modified porous organic polymer for photocatalytic water purification

Minhyeok Choi, Nem Singh, Subin Son, Ji Hyeon Kim, Minjung Kang, Su Hong Park, Dong Hoon Choi,* Chang Seop Hong* and Jong Seung Kim*

