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IN THIS ISSUE

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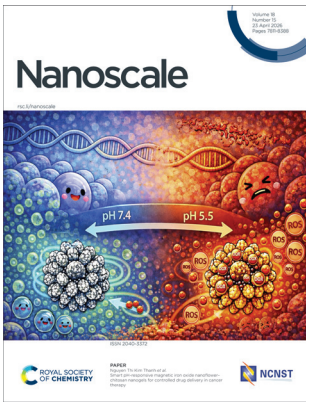

Cover
See Nguyen Thi Kim Thanh *et al.*, pp. 8041–8053.

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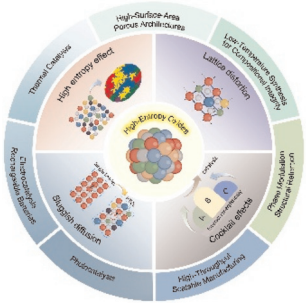
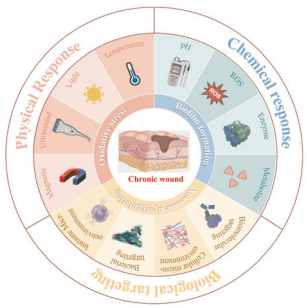
REVIEWS





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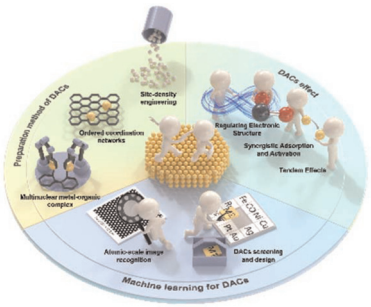

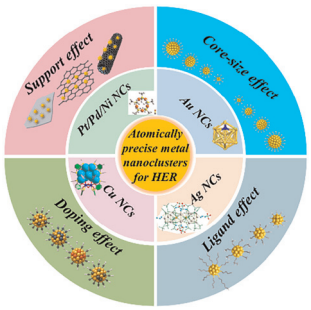

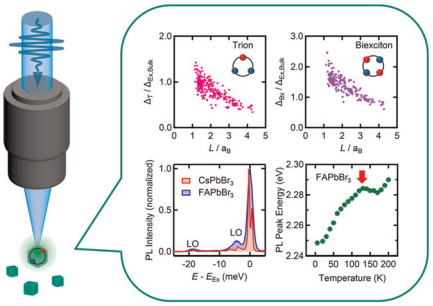

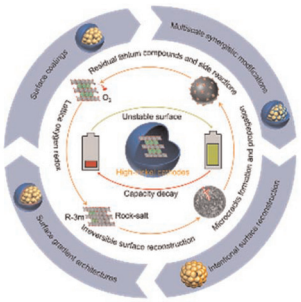

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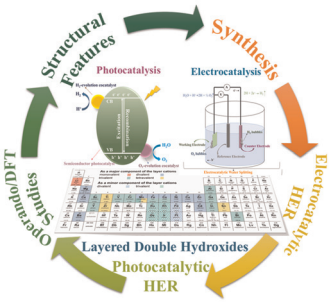
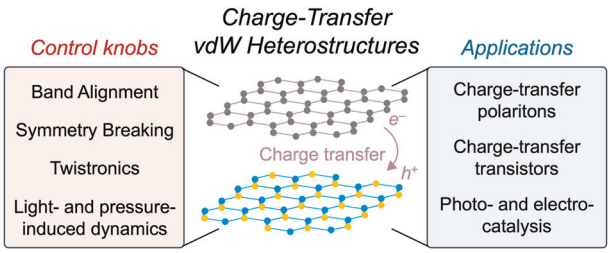


Engineering layered double hydroxides for photochemical and electrochemical hydrogen evolution: mechanistic insights and structure–property relationships

Iqra Sadiq, Syed Asim Ali and Tokeer Ahmad*

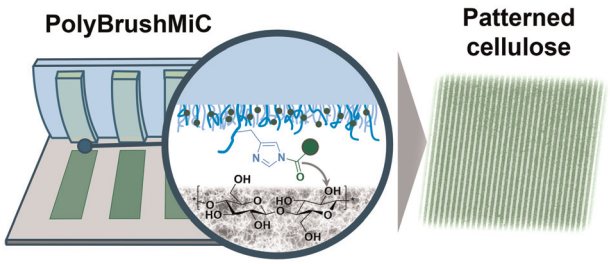
MINIREVIEW



Designer charge-transfer van der Waals heterostructures

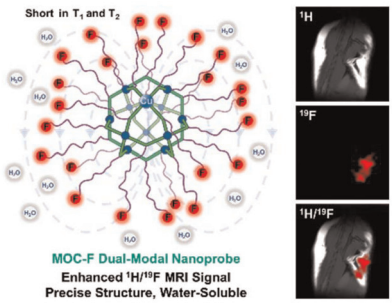
T. Huynh, N. Lee, Y. Hassan, N. Battulga, K. Muralidharan, O. L. A. Monti, M. S. Choi* and B. S. Y. Kim*

COMMUNICATIONS



(Sub-)microscale structuring of cellulose thin films using a polymer brush-assisted microcontact printing (PolyBrushMiC) routine

Nazim Pallab, Maurice Schmette, Sergio Kogikoski, Jr., Kay Hettrich, Matthias Schenderlein and Martin Reifarth*



A water-soluble fluorinated metal–organic cage based on paramagnetic copper as an efficient ^{1}H and ^{19}F MRI nanoprobe

Xin Fang, Hongyu Yang, Meina Liu,* Xinyuan Zhu, Xin Jin* and Youfu Wang*

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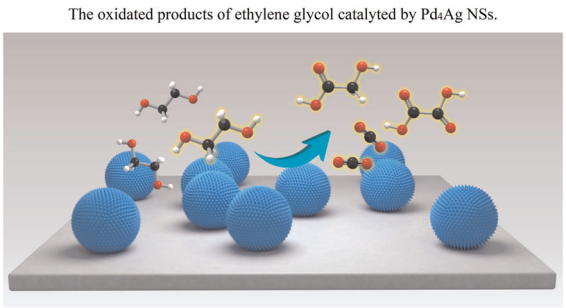

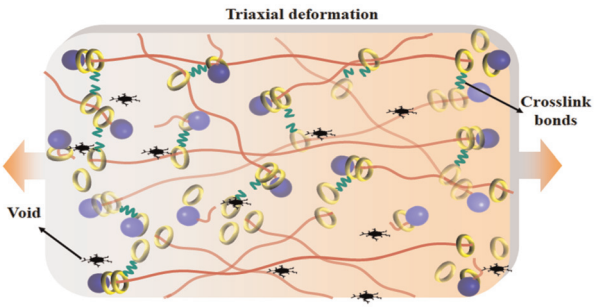

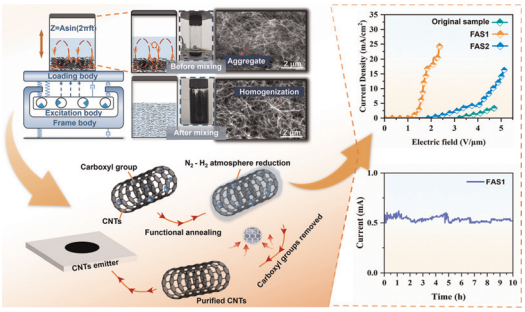

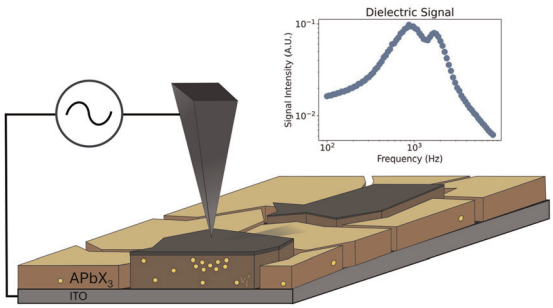

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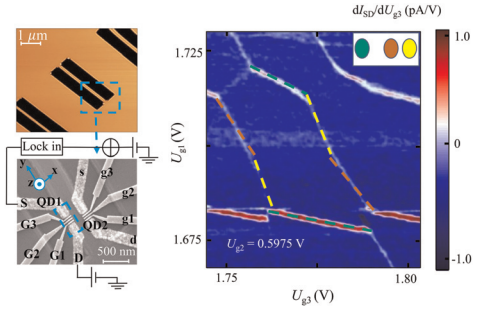
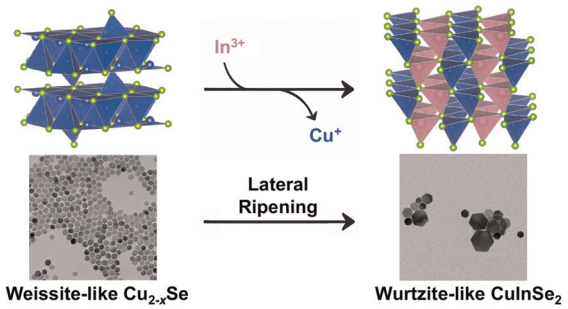


Site-controlled Ge hut wire-based multiple quantum dots with integrated charge sensing capability

Jin Leng, Fei Gao, Yu-Chen Zhou, Chu Wang, Hao-Tian Jiang, Zhi-Tao Wu, Gang Cao, Jianjun Zhang, Hai-Ou Li* and Guo-Ping Guo



Cation-exchange and lateral ripening in wurtzite-like $CuInSe_2$ formation from weissite-like $Cu_{2-x}Se$

Christopher P. Pakhanyan, Allison P. Forsberg and Richard L. Brutchey*

EXPRESSION OF CONCERN

Expression of concern: Null current hysteresis for acetylacetonate electron extraction layer in perovskite solar cells

Abd. Rashid bin Mohd Yusoff, Mohd Asri Mat Teridi and Jin Jang*