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IN THIS ISSUE

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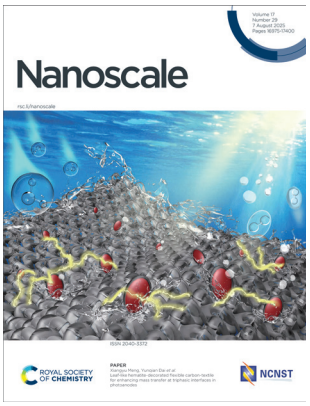

Cover
See Xiangyu Meng, Yunqian Dai *et al.*, pp. 17086–17096.

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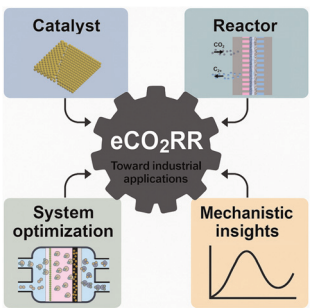
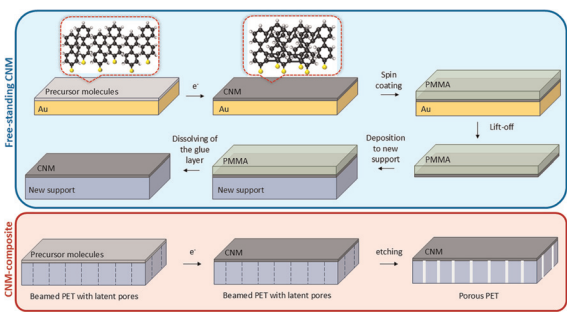
REVIEW



MINIREVIEW



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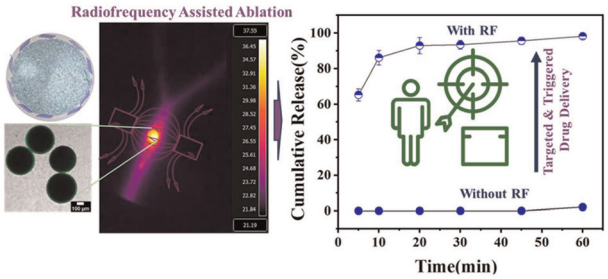
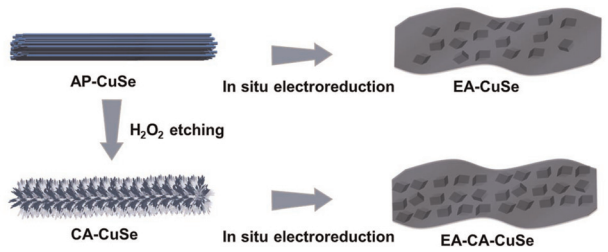
17057



Radiofrequency-triggered release of therapeutics from graphene oxide-loaded polysaccharide based core–shell microspheres

Aiswarya Thattaru Thodikayil, Agni Kumar Biswal, Aniruddh Vashisth and Sampa Saha*

17075

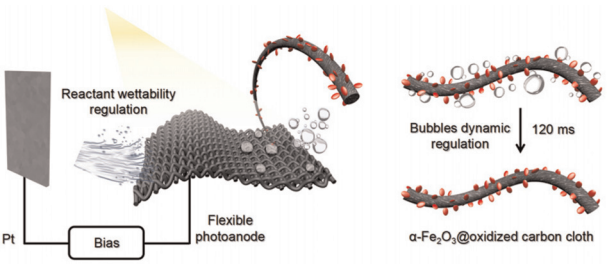


Electrochemical restructuring of H_2O_2 activated copper selenide for CO_2 reduction

Wenjian Hu, Deema Balalta, Zhiyuan Chen, Imran Abbas, Jia Song, Balázs Barhács, Márton Guba, Tibor Höltzl, Francesco D'Acapito, Thomas Altantzis, Jan Vaes, Sara Bals, Didier Grandjean,* Deepak Pant* and Ewald Janssens*

PAPERS

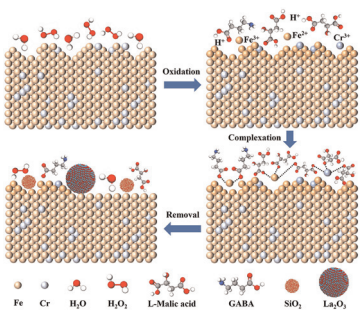
17086



Leaf-like hematite-decorated flexible carbon-textile for enhancing mass transfer at triphasic interfaces in photoanodes

Zhou Zhou, Mengmeng Zhu, Chengkun Song, Mingyu Tang, Shujing Li, Xiangyu Meng,* Yueming Sun and Yunqian Dai*

17097



A close atomic surface of stainless steel produced by novel green chemical mechanical polishing using silica and lanthana mixed abrasives

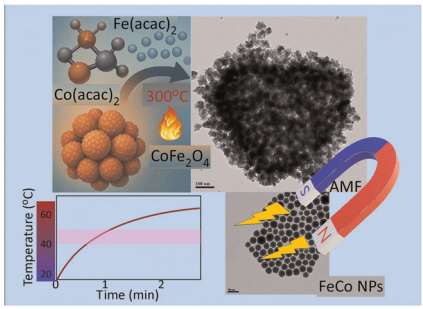
Yaowen Wu, Dong Wang, Zhenyu Zhang,* Feng Zhao, Hongxiu Zhou,* Xiuqing Liu and Xiaofei Yang*

PAPERS

17110

A parametric study on CoFe-based ferrite and alloy nanoparticle synthesis

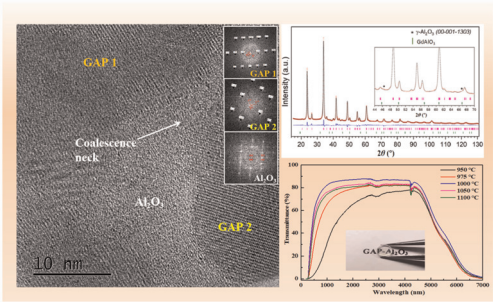
Andreas Sergides, Catherine Amiens, Sergio Gómez-Graña, Antonios Makridis, Liudmyla Storozhuk, Stefanos Mourdikoudis* and Nguyen Thi Kim Thanh*



17127

Transparent perovskite-based nanoceramics elaborated from full glass crystallization

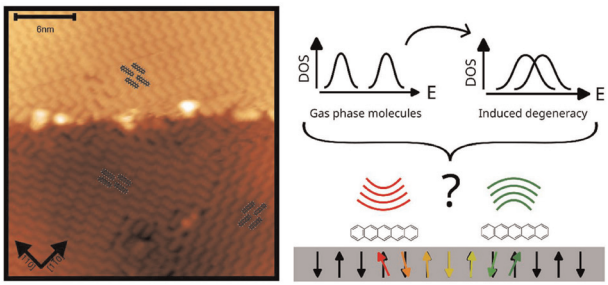
Jie Fu, Guoguo Zhang, Hanyu Zou, Chengzhi Wang, Cécile Genevois, Emmanuel Veron, Mathieu Allix* and Jianqiang Li*



17137

Electronic and structural coupling of pentacene on NiO(001)

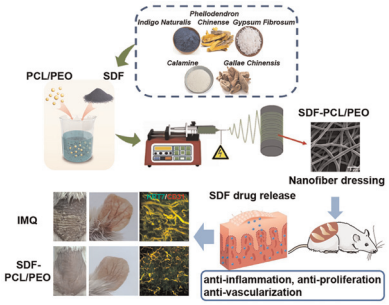
Jonah Elias Nitschke, David Maximilian Janas, Stefano Ponzoni, Michele Capra, Elena Molteni, Andrea Picone, Alessio Giampietri, Alessandro Ferretti, Shuangying Ma, Alberto Brambilla, Giovanni Zamborlini,* Guido Fratesi* and Mirko Cinchetti



17146

Electrospun natural product-based Shidu Formula for the management of psoriasis

Ruodan Xu,* Mengyuan Zhou, Yi Tang, Can Cao, Yanxin Jiang, Jing Li, Chen Wang, Xi Wu, Ping Song and Ning Li*



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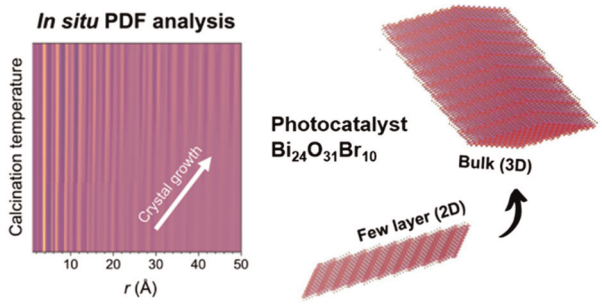
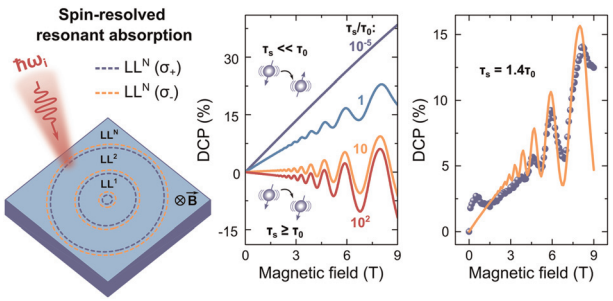
17159



Tracking 2D-to-3D crystal growth of a layered material *in situ* with X-ray scattering

Melissa Jane Marks, Sara Frank, Martin Lahn Henriksen, Henrik Særkjær Jeppesen and Nina Lock*

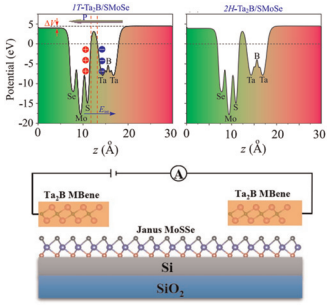
17174



Optical spin polarization by coherent magnetoabsorption generation

Gabriel M. Jacobsen, Vinicius A. Oliveira, Baolai Liang, André Pelais, Hryhorii V. Stanchu, Morgan E. Ware, Gregory J. Salamo, Yuriy I. Mazur, Gilmar. E. Marques, Victor Lopez-Richard and Marcio D. Teodoro*

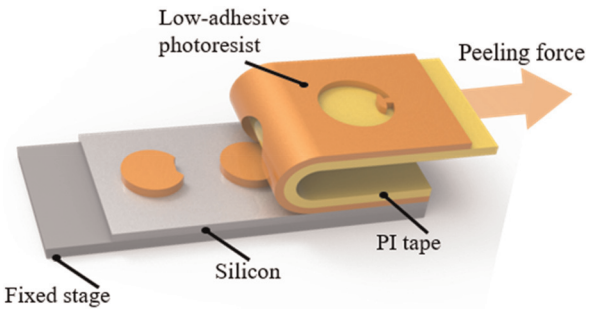
17182



Electronic properties and interfacial engineering of metal–semiconductor 1T-, 2H-Ta_2B MBene/Janus MoSSe heterostructures

Pham T. Truong, Nguyen N. Hieu,* Hieu V. Nguyen, Cuong Q. Nguyen, Tran P. T. Linh, Huynh V. Phuc and Chuong V. Nguyen*

17193



Asymmetric fractures enabled fracture diodes *via* dry patterning

Cuihong Liu, Lei Chen, Peng Liu, Zhi Li, Zhiwen Shu, Fu Fan, Nianqi Zhang, Chaohua Li, Bo Feng* and Huigao Duan

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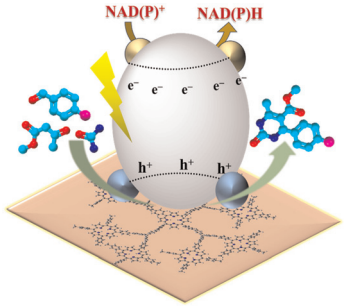

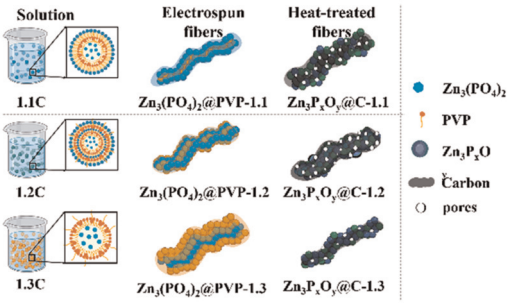

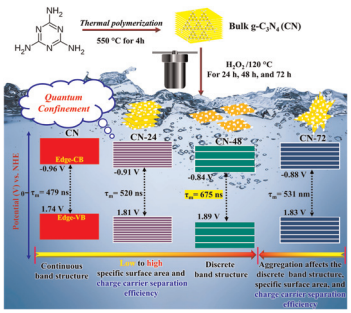

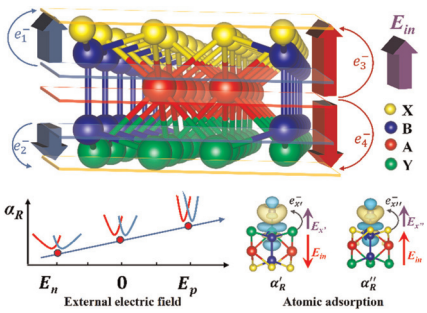

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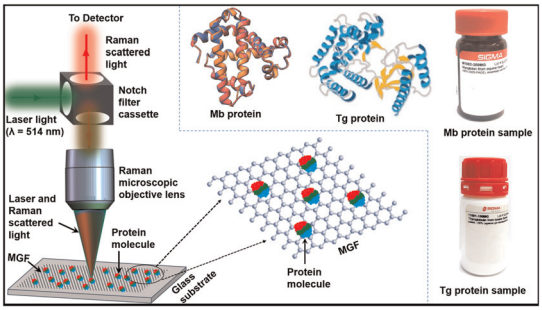
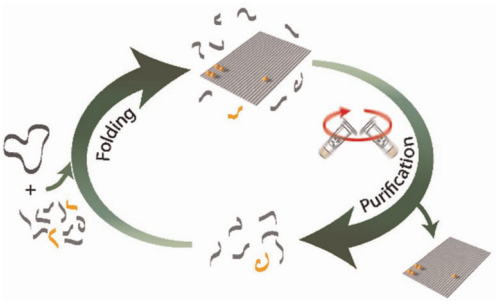
17256



Investigation on thyroglobulin and myoglobin using graphene-enhanced Raman spectroscopy as a tool

Anamika Sharma and Venkata Ramanaiah Dantham*

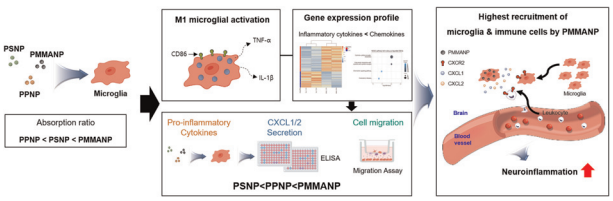
17265



Cost-efficient folding of functionalized DNA origami nanostructures *via* staple recycling

Emilia Tomm, Guido Grundmeier and Adrian Keller*

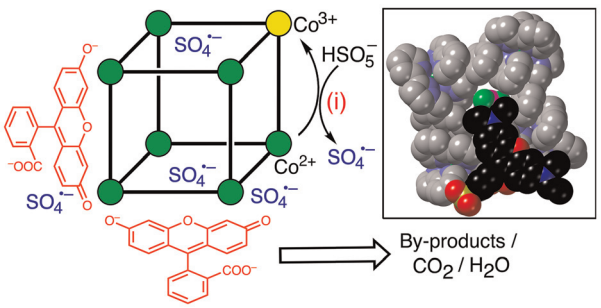
17274



Type-dependent effects of nanoplastics on microglial activation and CXCR2-mediated chemotactic migration

Jahong Koo, Bohyeon Jeong, Jeong Yeob Baek, Wang Sik Lee, Jiyoung Gong, Subin Park, Jiyeon Hong, Yugyeong Sim, Dae Soo Kim, Sang Ryong Kim, Jinyoung Jeong* and Da Yong Lee*

17285



An investigation into catalysed xanthene-based dye oxidation by a family of coordination cages

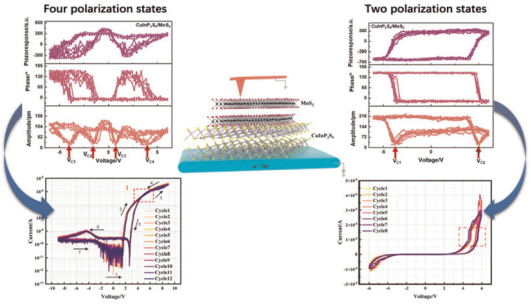
James R. Williams and Michael D. Ward*

PAPERS

17294

Anomalous ionic conduction in ferroelectric semiconductor junctions comprising multistate $CuInP_2S_6$

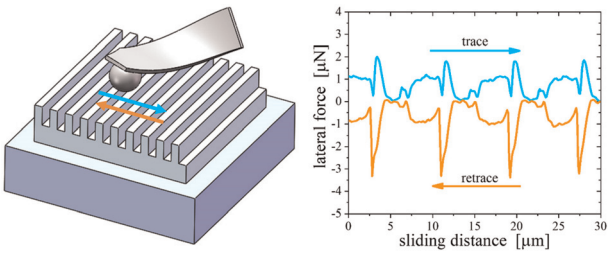
Jiarui Liu, Qiaoqiao Wang, Hao Feng, Yongyi Wu, Yan Li, Feiyan Hou, Tai Min* and Tao Li*



17303

Refining the friction force through periodically grooved surfaces

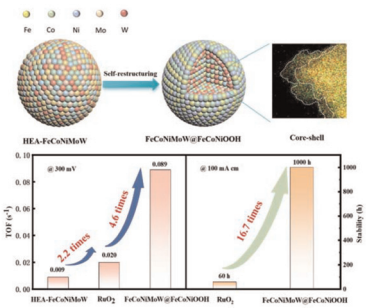
Zhiyong Wei,* Dong Han, Qi Wang, Yixiao Lu, Yi Tao, Xi Lu and Shuang Cai*



17312

Self-reconstruction of FeCoNiMoW high entropy alloy to boost OER activity with robust stability for anion exchange membrane water electrolyzer

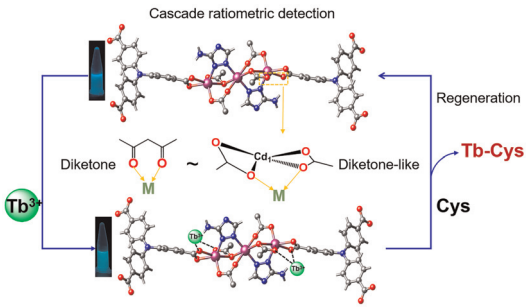
Lili Guo, Yanan Huang, Yue Qin, Bin Chen, Chang Liu, Hao Chen, Junfeng Zhang, Xiangwen Zhang and Qingfa Wang*



17324

Recyclable luminescent metal–organic frameworks with self-formed diketone-like sites for cascade ratiometric detection

Li Pei, Jieming Zhang, Wenqin Ding, Jian Wang,* Fangmin Huang, Yanhong Liu,* Ziran Liu,* Yafei Gao and Pengyan Wu*



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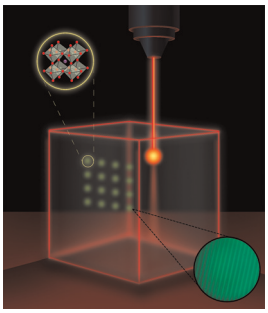

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