

Materials Horizons

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IN THIS ISSUE

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EDITORIALS

1056

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1058

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Building and designing systems from the molecular level

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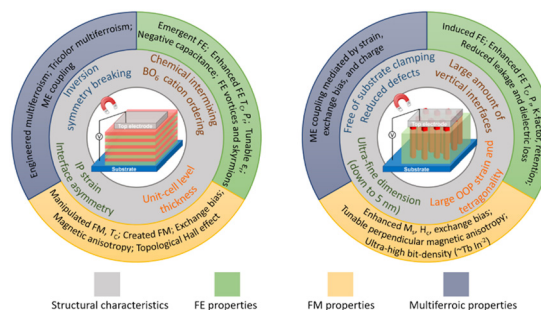


REVIEWS

1060

Interface-related phenomena in epitaxial complex oxide ferroics across different thin film platforms: opportunities and challenges

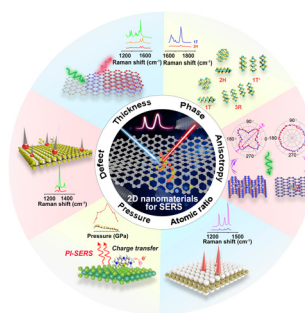
Judith L. MacManus-Driscoll,* Rui Wu* and Weiwei Li*



1087

Spotting the driving forces for SERS of two-dimensional nanomaterials

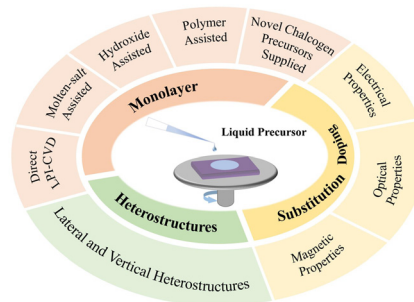
Jing Jin, Zhinan Guo,* Dianyuan Fan and Bing Zhao*



1105

Liquid-precursor-intermediated synthesis of atomically thin transition metal dichalcogenides

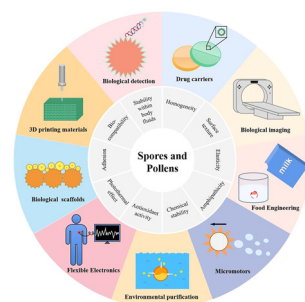
Huiyan Guan, Bei Zhao,* Weiwei Zhao and Zhenhua Ni*



1121

Extraordinary microcarriers derived from spores and pollens

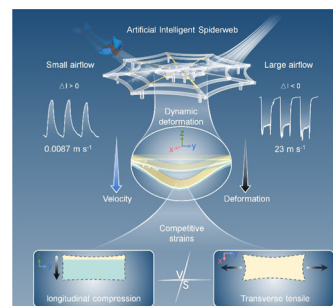
Danshan Zhao, Yawen Li, Zhidong Zhang, Tian Xu, Chao Ye,* Tianqiong Shi* and Yuetong Wang*



1264

Dynamic competitive strains enabled self-supporting Janus nanostructured films for high-performance airflow perception

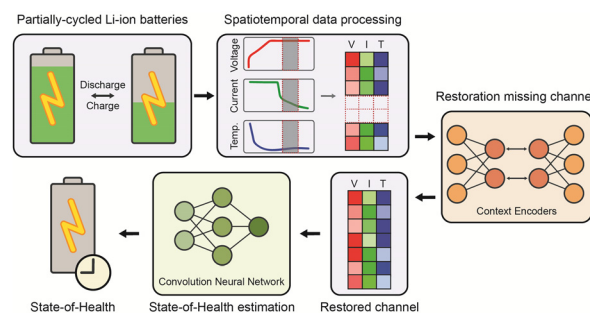
Wei Zhou, Peng Xiao,* Chang Zhang, Qing Yang and Tao Chen*



1274

Deep-learning based spatio-temporal generative model on assessing state-of-health for Li-ion batteries with partially-cycled profiles

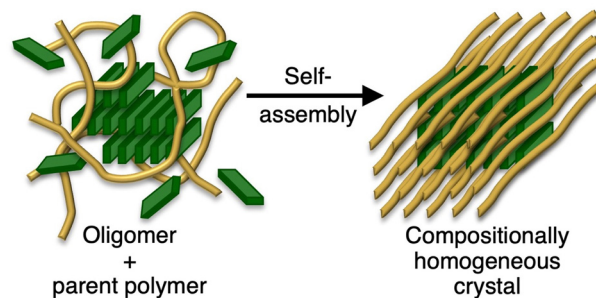
Seojoung Park, Hyunjun Lee, Zoe K. Scott-Nevros, Dongjun Lim, Dong-Hwa Seo, Yunseok Choi,* Hankwon Lim* and Donghyuk Kim*



1282

Oligoaniline-assisted self-assembly of polyaniline crystals

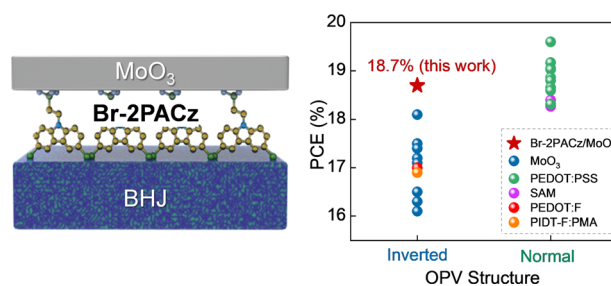
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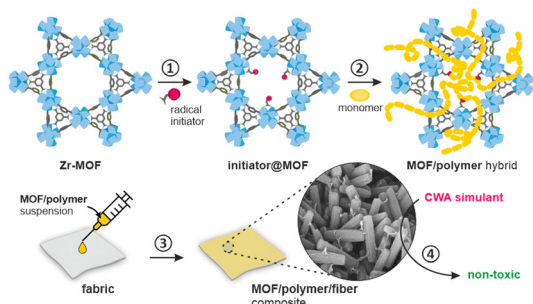
1292

18.73% efficient and stable inverted organic photovoltaics featuring a hybrid hole-extraction layer

Yuanbao Lin,* Yadong Zhang, Artiom Magomedov, Eleftheria Gkogkosi, Junxiang Zhang, Xiaopeng Zheng, Abdulrahman El-Labban, Stephen Barlow, Vytautas Getautis, Ergang Wang, Leonidas Tsetseris, Seth R Marder, Iain McCulloch and Thomas D. Anthopoulos*



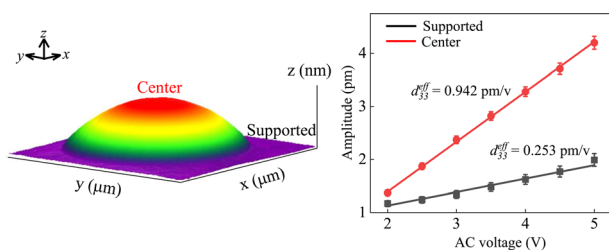
1301



MOF/polymer hybrids through *in situ* free radical polymerization in metal-organic frameworks

Marzena Pander, Rodrigo Gil-San-Millan, Pedro Delgado, Cristina Perona-Bermejo, Urszula Kostrzewa, Karol Kaczkowski, Dominik J. Kubicki,* Jorge A. R. Navarro* and Wojciech Bury*

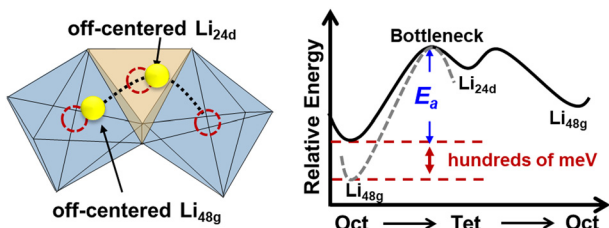
1309



Directly measuring flexoelectric coefficients μ_{11} of the van der Waals materials

Menghan Deng, Xiang Wang, Xionghu Xu, Anyang Cui,* Kai Jiang, Jinzhong Zhang, Liangqing Zhu, Liyan Shang, Yawei Li, Zhigao Hu* and Junhao Chu

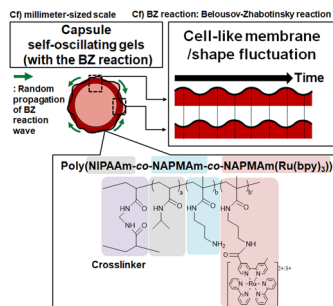
1324



Non-equilibrium kinetics for improving ionic conductivity in garnet solid electrolyte

Youwei Wang, Tiantian Wang, Xiaolin Zhao and Jianjun Liu*

1332



Capsule self-oscillating gels showing cell-like nonthermal membrane/shape fluctuations

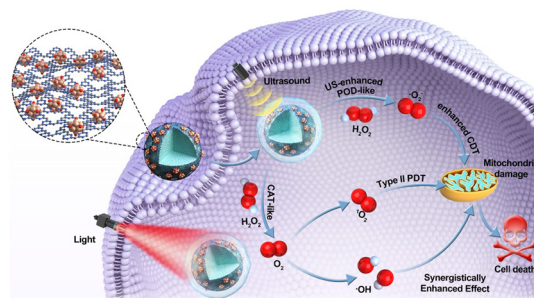
Won Seok Lee, Takafumi Enomoto, Aya Mizutani Akimoto and Ryo Yoshida*



1342

The direct catalytic synthesis of ultrasmall Cu_2O -coordinated carbon nitrides on ceria for multimodal antitumor therapy

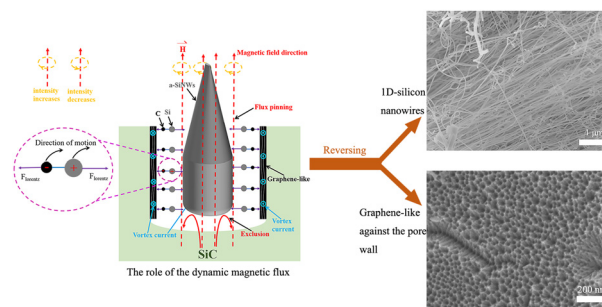
Lijian Cao, Ziyang Feng, Ruiqian Guo, Qinyu Tian, Weiwen Wang, Xiao Rong, Mi Zhou, Chong Cheng,* Tian Ma* and Dawei Deng*



1354

Reversing silicon carbide into 1D silicon nanowires and graphene-like structures using a dynamic magnetic flux template

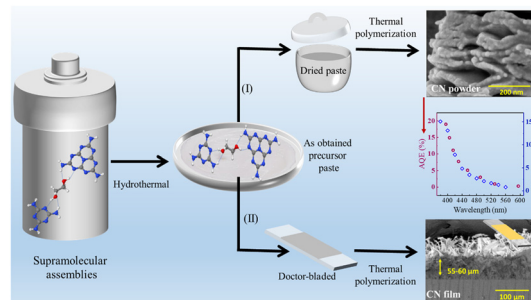
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1363

Developing extended visible light responsive polymeric carbon nitrides for photocatalytic and photoelectrocatalytic applications

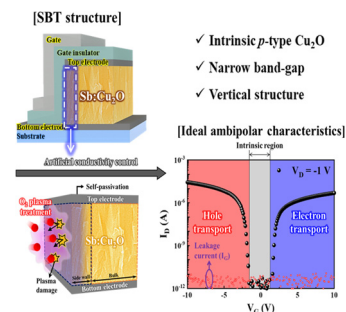
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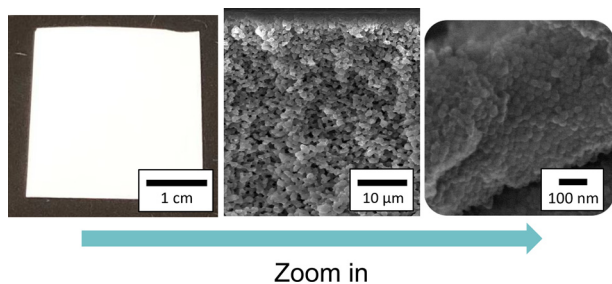
1373

Ambipolar operation of progressively designed symmetric bidirectional transistors fabricated using single-channel vertical transistor and electrochemically prepared copper oxide

Sung Hyeon Jung, Ji Sook Yang and Hyung Koun Cho*



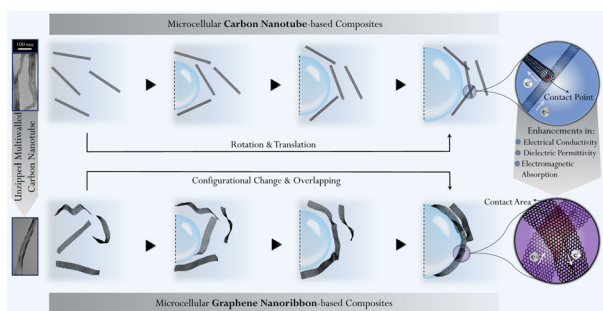
1385



Bicontinuous interfacially jammed emulsion gels with nearly uniform sub-micrometer domains *via* regulated co-solvent removal

Tiancheng Wang, Robert A. Riggelman, Daeyeon Lee* and Kathleen J. Stebe*

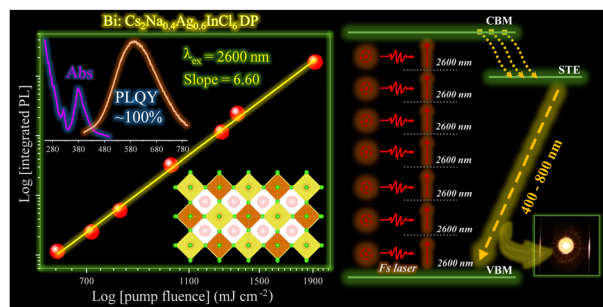
1392



Enhanced electrical properties of microcellular polymer nanocomposites *via* nanocarbon geometrical alteration: a comparison of graphene nanoribbons and their parent multiwalled carbon nanotubes

Meysam Salari, Saeed Habibpour, Mahdi Hamidinejad,* Sara Mohseni Taromsari, Hani E. Naguib, Aiping Yu and Chul B. Park*

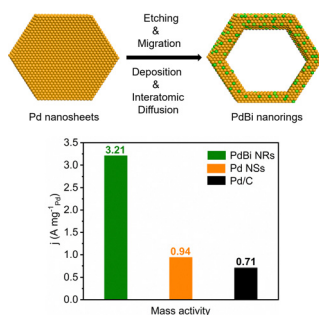
1406



Seven-photon absorption from $\text{Na}^+/\text{Bi}^{3+}$ -alloyed $\text{Cs}_2\text{AgInCl}_6$ perovskites

Shiling Jin, Renfu Li, Jiwen Zhu, Tao Pang, Tianmin Wu,* Hongbing Zhan, Yuanhui Zheng, Feng Huang, Xueyuan Chen* and Daqin Chen*

1416



A universal synthesis of ultrathin Pd-based nanorings for efficient ethanol electrooxidation

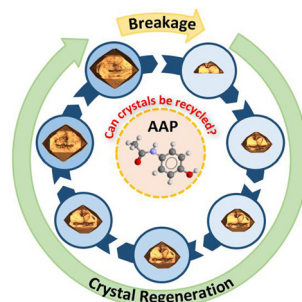
Yu Wang, Mengfan Li, Zhilong Yang, Wenchuan Lai, Jingjie Ge, Minhua Shao, Yu Xiang,* Xuli Chen* and Hongwen Huang*



1425

Crystal regeneration – a unique growth phenomenon observed in organic crystals post breakage

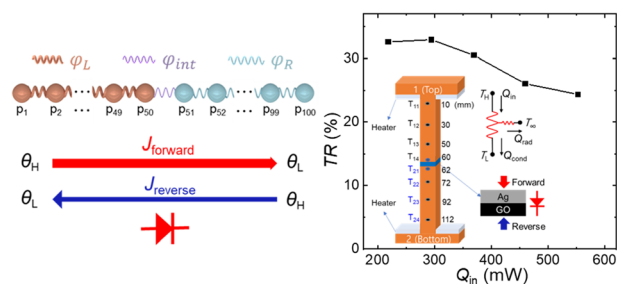
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1431

Solid-state thermal rectification of bilayers by asymmetric elastic modulus

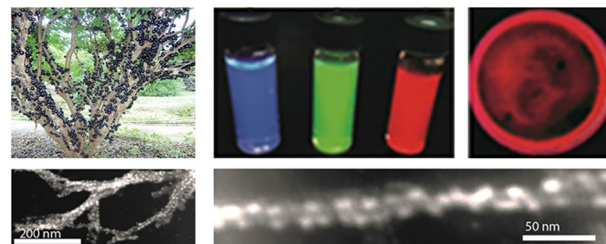
Junbyeong Lee, Seokjae Cha, Byung Ho Lee, Agha Aamir Jan, Rijin Kizhakkekara, Jaehun Yang, Moon Ki Kim* and Seunghyun Baik*



1440

Full-colour Jabuticaba-like nanostructures via the multiplex and orthogonal self-assembly of protein-conjugated quantum dots with engineered biofilms

Zhengtao Deng,* Allen Y. Chen, Bijan Zakeri, Chao Zhong and Timothy K. Lu*



1446

From optical pumping to electrical pumping: the threshold overestimation in metal halide perovskites

Jiajun Qin, Yang Tang, Jia Zhang, Tangyao Shen, Max Karlsson, Tiankai Zhang, Weidong Cai, Lei Shi,* Wei-Xin Ni and Feng Gao*

