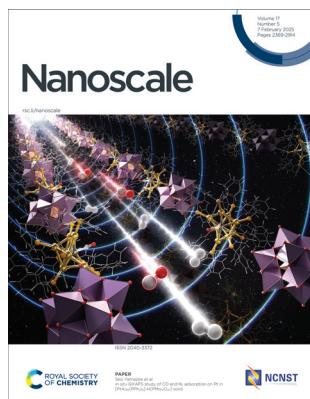


IN THIS ISSUE

ISSN 2040-3372 CODEN NANOHL 17(5) 2369–2914 (2025)



Cover

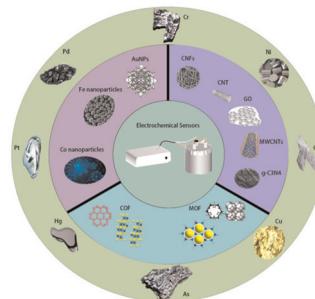
See Seiji Yamazoe et al., pp. 2480–2487.

REVIEW

2386

Recent advances in designable nanomaterial-based electrochemical sensors for environmental heavy-metal detection

Hao Zhang, Lijun Li,* Chunqiong Wang,* Qian Liu, Wen-Tong Chen, Sanshuang Gao and Guangzhi Hu*

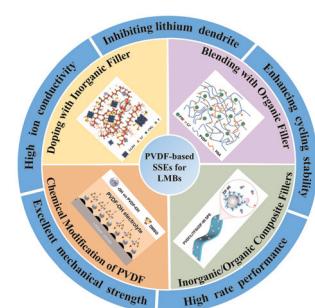


MINIREVIEWS

2408

Design strategies and performance enhancements of PVDF-based flexible electrolytes for high-performance all-solid-state lithium metal batteries

Zhongxiu Liu, Md Shariful Islam, Yuhui Fang, Meifang Zhu, Changyong (Chase) Cao* and Guiyin Xu*



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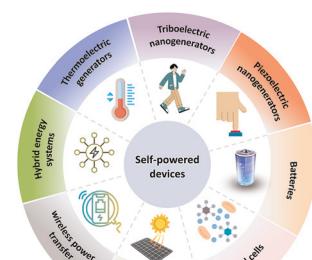
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MINIREVIEWS

2423

Advances in integrated power supplies for self-powered bioelectronic devices

Yu Xin, Bin Sun, Yifei Kong, Bojie Zhao, Jiayang Chen, Kui Shen and Yamin Zhang*

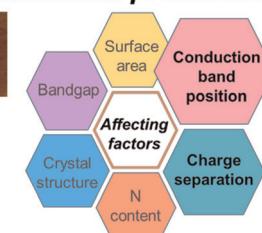
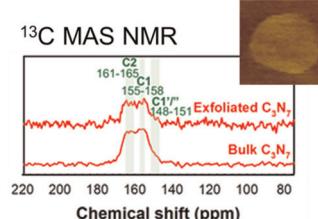


COMMUNICATIONS

2438

Exfoliation of triazole-based $C_3N_{4.8}$, C_3N_6 , and C_3N_7 nanosheets for efficient photocatalytic ammonia production

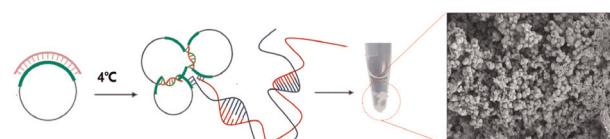
Ayoung Yoon, Taehoon Kim, Dokyung Kim, Young Joo Lee, Seong-Ju Hwang* and In Young Kim*

Exfoliation of triazole-based carbon nitride nanosheets for green ammonia production

2444

A straightforward process manipulates the dramatic morphological changes of DNA rolling circle amplification products

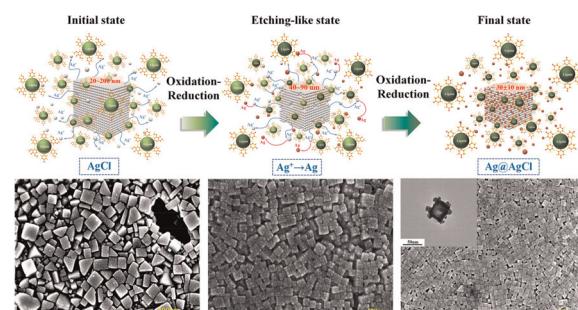
Li Xu, Han Wang, Yining Yang, Han Zhang, Shuqi Fang, Yuchen Zhao, Tianjing Zhang, Xianzheng Zhang, Jiemin Zhao* and Lingling Zhang*



2451

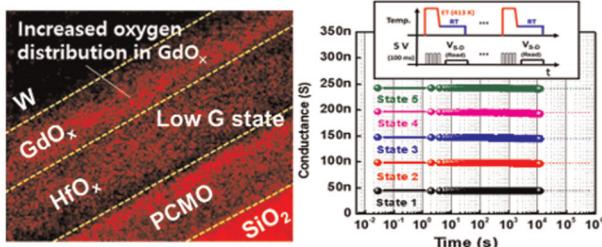
Lignosulfonate as a versatile regulator for the mediated synthesis of $Ag@AgCl$ nanocubes

Lingyu Yin, Jian Yang, Liqin Liu,* Bin Lu, Xiaofeng Lyu, Zhengbai Cheng, Hongbin Liu* and Xingye An*



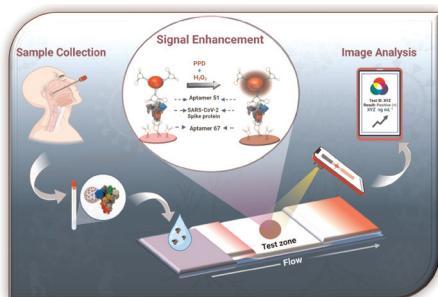
COMMUNICATIONS

2462


Improvement of the weight update and retention characteristics of $\text{Pr}_{0.7}\text{Ca}_{0.3}\text{MnO}_{3-x}$ ECRAM via elevated temperature training

Chuljun Lee, Dongmin Kim, Seojin Cho and Daeseok Lee*

2469

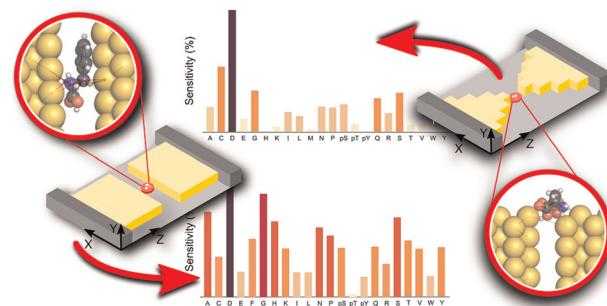


PAPERS

2498

Detection and distinction of amino acids and post-translational modifications with gold nanojunctions

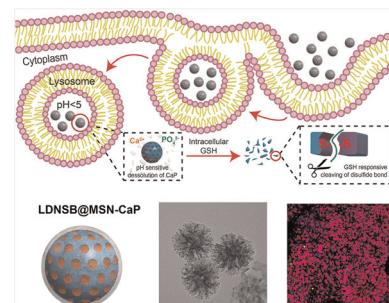
Rodrigo G. Amorim,* Filipe C. D. A. Lima,
Fábio Arthur Leão de Souza, Wanderlă L. Scopel,
Jariyanee Prasongkit and Ralph H. Scheicher*



2506

Dual-stimuli-responsive nanoparticles for the co-delivery of small molecules to promote neural differentiation of human iPSCs

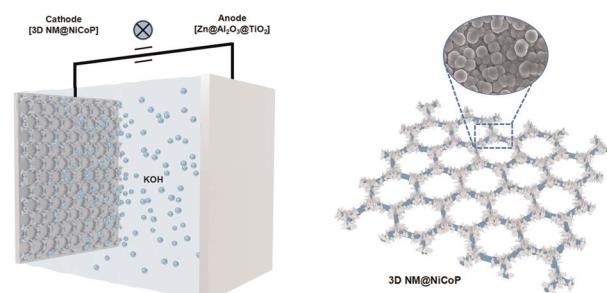
Jeong Hyun You, Na Yeon Kim, Yoon Young Choi,
Hyung Woo Choi and Bong Geun Chung*



2520

Ultralight flexible 3D nickel micromesh decorated with NiCoP for high stability alkaline zinc batteries

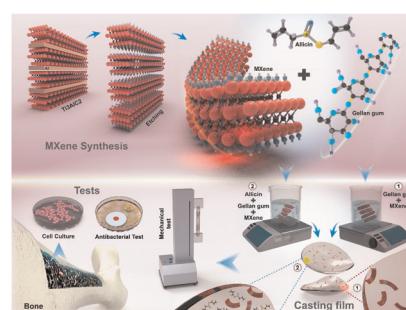
Zana Karim Abdul, Zeqi Nie, Yapeng Zhang, XiuXue Liu,
Xiaohu Wang, Niwamanya Gilbert, Donghai Wei,*
Wen Zhang* and Guanhua Zhang



2528

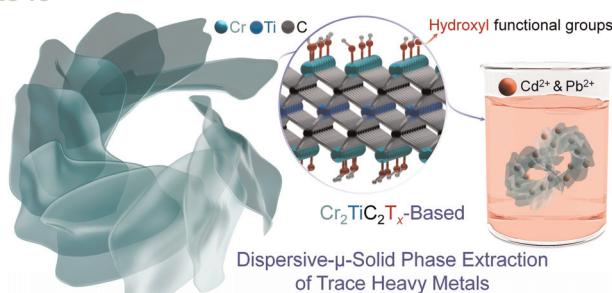
Multipurpose triadic MXene/garlic/gellan gum-based architecture in the horizon of bone tissue regeneration

Lin Zhou, Zhuo Zhao, Seyedeh Nooshin Banitaba,
Sanaz Khademolqorani, Xin Han* and Guang Chen*

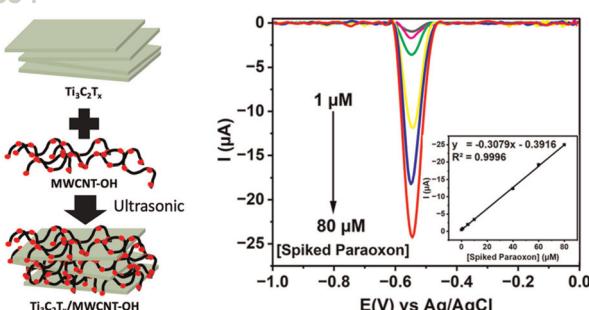


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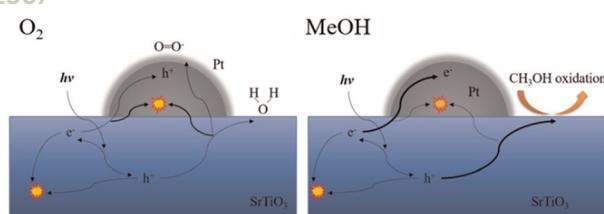
2545



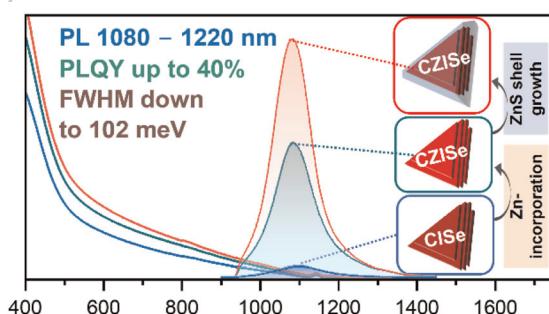
2554



2567



2577



$\text{Cr}_2\text{TiC}_2\text{T}_x$ MXene as an adsorbent material in ultrasonic-assisted d- μ -solid phase extraction for trace detection of heavy metals

Saman Bagheri,* Rashmeet Kaur Khurana, Md. Ibrahim Kholil, Michael J. Loes, Shengyuan Luo and Alexander Sinitskii*

Ultrasensitive non-enzymatic electrochemical detection of paraoxon-ethyl in fruit samples using 2D $\text{Ti}_3\text{C}_2\text{T}_x/\text{MWCNT-OH}$

Asmi Aris, Wulan Tri Wahyuni, Budi Riza Putra, Angga Hermawan, Ferry Anggoro Ardy Nugroho, Zhi Wei Seh* and Munawar Khalil*

Photogenerated charge carrier dynamics on Pt-loaded SrTiO_3 nanoparticles studied via transient-absorption spectroscopy

Fumihiko Ichihara, Hong Pang,* Tetsuya Kako, Detlef W. Bahnemann and Jinhua Ye*

Triangular-shaped Cu–Zn–In–Se-based nanocrystals with narrow near infrared photoluminescence

Ankita Bora, Ningyuan Fu, Avijit Saha, Anatol Prudnikau, René Hübner, Houman Bahmani Jalali, Francesco Di Stasio, Nikolai Gaponik and Vladimir Lesnyak*

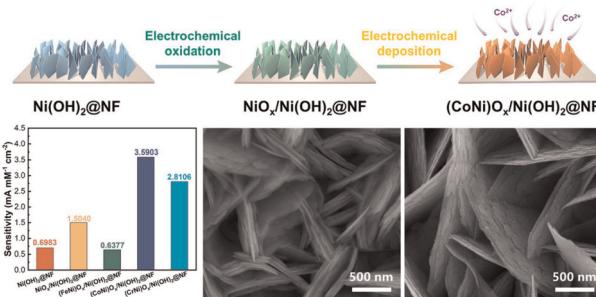


PAPERS

2589

Construction of bimetallic oxy-hydroxides based on Ni(OH)_2 nanosheets for sensitive non-enzymatic glucose detection via electrochemical oxidation and incorporation

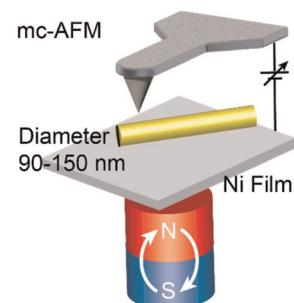
Weiji Dai,* Bing Wu, Fan Zhang, Yuxi Huang, Cuijiao Zhao, Yudong Zhang, Can Cui, Jing Guo and Saifang Huang*



2599

Chiral induction at the nanoscale and spin selectivity in electron transmission in chiral methylated BEDT-TTF derivatives

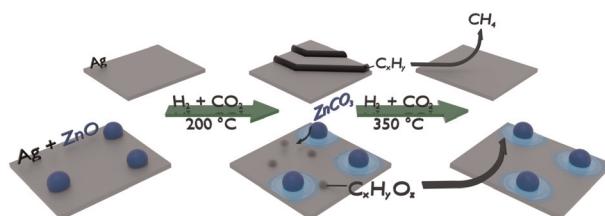
Alberta Carella, Suryakant Mishra, Camilla Ferrari, Davide Vanossi, Francesco Rossella, Flavia Pop, Narcis Avarvari,* Han Htoon, Jennifer A. Hollingsworth, Eric G. Bowes, Somak Majumder, Andrew Crandall Jones* and Claudio Fontanesi*



2608

Influence of zinc oxide nanoparticles on the carbon accumulation on silver exposed to carbon dioxide hydrogenation reaction conditions

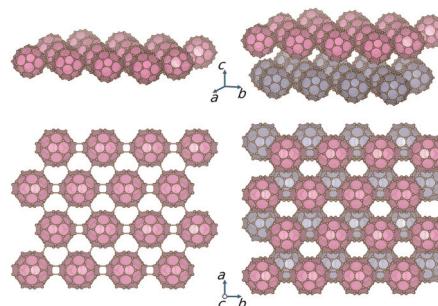
Paul Maurice Leidinger,* Mirco Panighel, Vitaly L. Sushkevich, Paolo Piseri, Alessandro Podestà, Jeroen A. van Bokhoven and Luca Artiglia*



2616

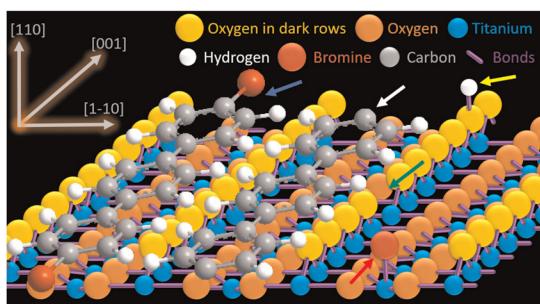
Tuning electronic and optical properties of 2D polymeric C_{60} by stacking two layers

Dylan Shearsby, Jiaqi Wu, Dekun Yang and Bo Peng*



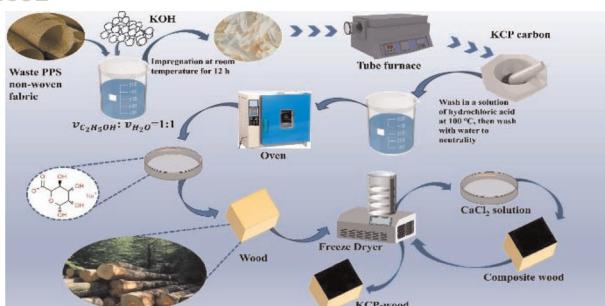
PAPERS

2621

**Catalytic effects of iron adatoms in poly(*para*-phenylene) synthesis on rutile TiO₂(110)**

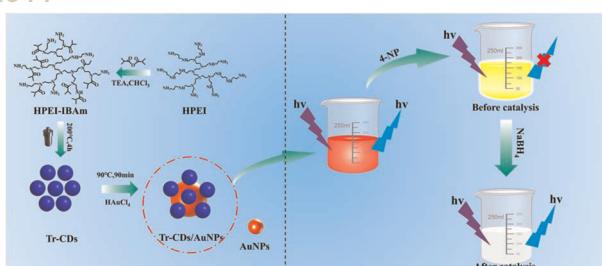
Mohammadreza Rostami, Biao Yang,* Xiaochuan Ma, Sifan You, Jin Zhou, Meng Zhang, Xuefeng Cui, Haiming Zhang, Francesco Allegretti, Bing Wang, Lifeng Chi* and Johannes V. Barth*

2631

**Preparation of sulfur-doped porous carbon from polyphenylene sulfide waste for photothermal conversion materials to achieve solar-driven water evaporation**

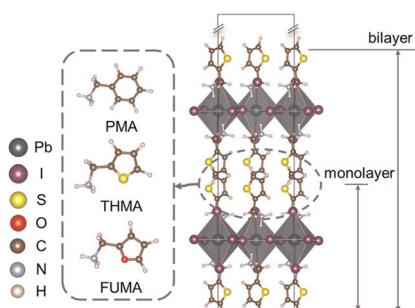
Xuejing Wei, Zixuan Zou, Jiayi Yao, Li Sun, Yinxing Xu, Lufeng Zhang, Shaohua Chen,* Yuhao Liu* and Jiayue Chen*

2644

**A temperature-sensitive and fluorescent Tr-CD/AuNP-based catalyst for efficient, monitorable, and recyclable catalytic reactions**

Wenjie Zhong, Jifan Zhang, Chenxue Zhu, Huaguo Tang, Xunyong Liu,* Zhuhui Qiao* and Yi Liu*

2658

**Theoretical insights into spacer molecule design to tune stability, dielectric, and exciton properties in 2D perovskites**

Xing Liu, Hejin Yan, Zheng Shu, Xiangyue Cui and Yongqiang Cai*

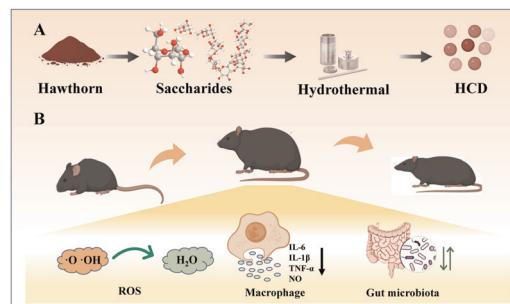


PAPERS

2668

Hawthorn carbon dots: a novel therapeutic agent for modulating body weight and hepatic lipid profiles in high-fat diet-fed mice

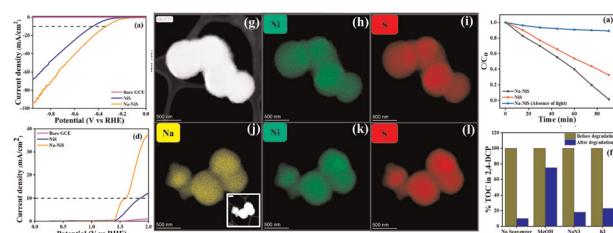
Shuai Lin, Yu-jun Zheng, Yi-ze Xu, Yang Zhou, Xin He,* Chun-feng Zhang* and Chun-su Yuan



2682

Enhancing NiS performance: Na-doping for advanced photocatalytic and electrocatalytic applications

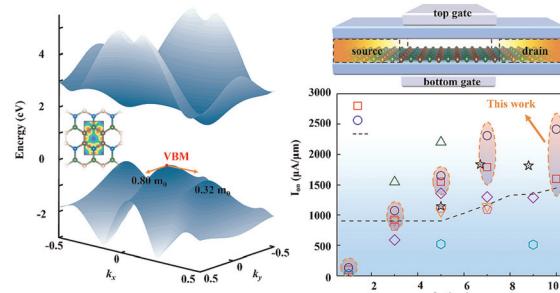
V. G. Dileepkumar, Swapna Pahra, Nieves López-Salas,* B. M. Basavaraja,* Afaq Ahmad Khan, N. Sumanth, Pooja Devi* and M. S. Santosh*



2692

First-principles study of anisotropic planar 2D BC₂N for sub-5 nm high-performance p-type transistors

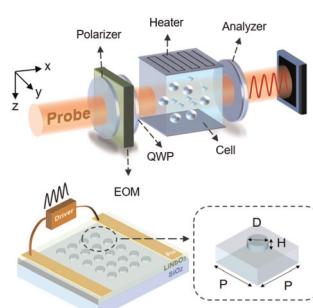
Hao Shi, Siyu Yang, Jialin Yang, Chuyao Chen, Yang Hu, Gaoyu Liu, Xiaojaia Yuan,* Hengze Qu* and Shengli Zhang*



2700

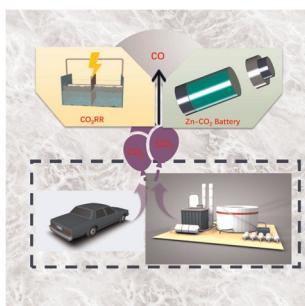
Atomic spin precession electro-optic modulation detection based on guided mode resonant lithium niobate metasurfaces

Jie Sun, Zhen Chai,* Yuqing Yang, Zhibo Cui, Yuting Xu, Yan Xu, Yulan Fu and Heng Yuan*



PAPERS

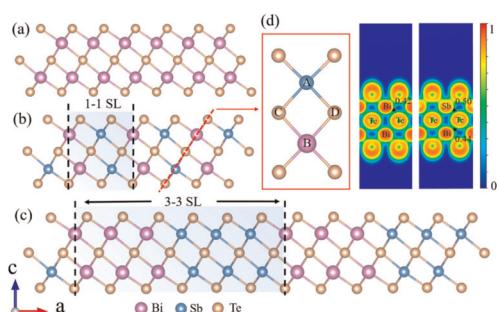
2709



Improved performances toward electrochemical carbon dioxide and oxygen reductions by iron-doped stannum nanoparticles

Jiangtao Zhu, Quan Zhang, Caiyun Wang,* Yanhong Feng, Yuanyuan Zhang, Gaocan Qi,* Lian Kang, Jun Luo and Xijun Liu*

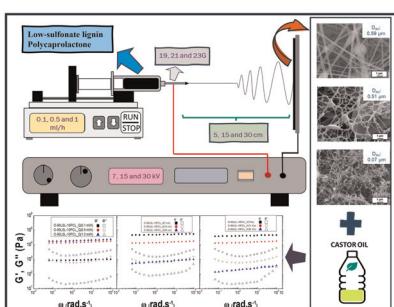
2718



Phonon thermal transport in Bi₂Te₃/Sb₂Te₃ monolayer superlattices: a neural network potential study

Pan Zhang, Fang Lyu, Dan Jin, Zhenhua Zhang, Shiwei Chen, Yong Liu, Ziyu Wang, Zhihong Lu, Shiheng Liang* and Rui Xiong*

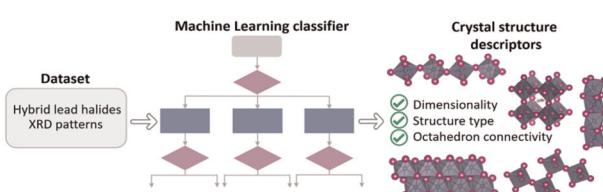
2728



Exploration of low-sulfonate lignin electrospinning conditions for the development of new renewable lubricant formulations

José F. Rubio-Valle,* Concepción Valencia, Gethzemani M. Estrada-Villegas, José E. Martín-Alfonso and José M. Franco

2742



Machine learning recognition of hybrid lead halide perovskites and perovskite-related structures from X-ray diffraction patterns

E. I. Marchenko, V. V. Korolev, E. A. Kobeleva, N. A. Belich, N. N. Udalova, N. N. Eremin, E. A. Goodilin and A. B. Tarasov*

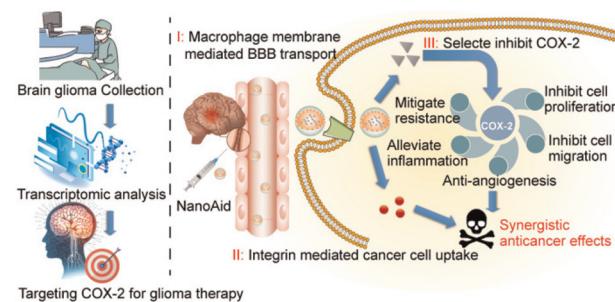


PAPERS

2753

Bioengineered NanoAid synergistically targets inflammatory pro-tumor processes to advance glioblastoma chemotherapy

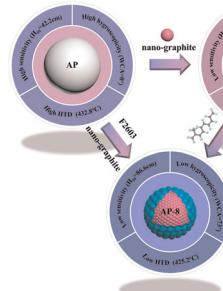
Gui Zhang, Yurui Xu, Anwei Zhou, Yongle Yu, Xinghai Ning* and Hongguang Bao*



2769

Efficient construction of core/double-shelled structured AP@nano-graphite@F₂₆₀₃ energetic microcapsules with low sensitivity and hygroscopicity

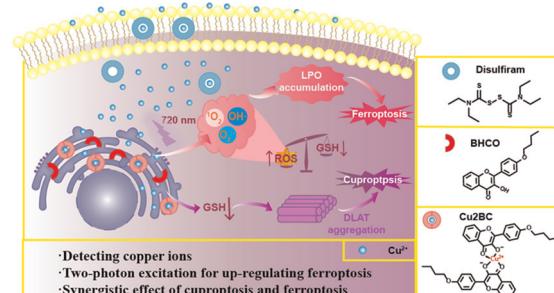
Jiahao Yu, Yong Kou, Lei Xiao, Qiangqiang Lu, Xuran Xu, Junqing Yang, Wei Jiang and Gazi Hao*



2782

A high-contrast NIR excitation probe for monitoring Cu²⁺ in the endoplasmic reticulum for synergistic cuproptosis and ferroptosis anticancer therapy

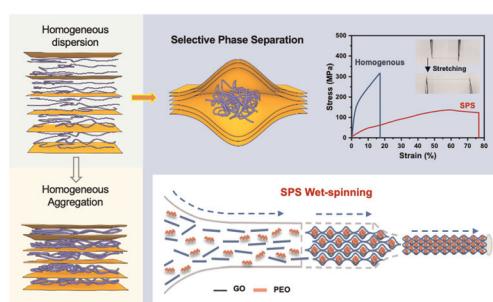
Jingjing Jiang, Qiong Zhang,* Yue Zhang, Lintong Gao, Yan Feng,* Xianshun Sun, Junjun Wang, Xiaojiao Zhu, Xingxing Chen and Hongping Zhou*



2793

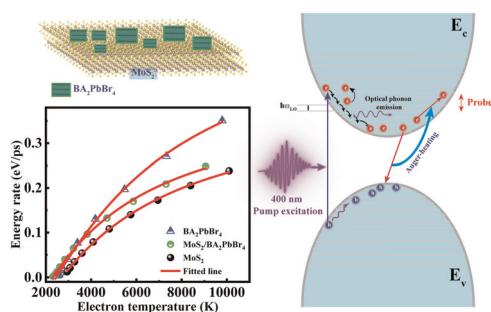
Self-limiting selective phase separation of graphene oxide and polymer composite solution

Feifan Chen, Lidan Wang, Kaiwen Li, Rui Guo, Yicong Qin, Chenwei Shen, Yingjun Liu, Zhen Xu* and Chao Gao*



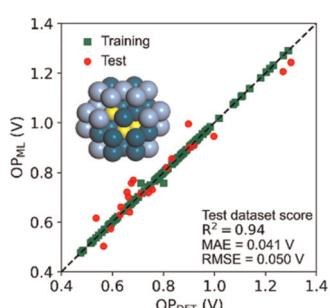
PAPERS

2800

**Hot carrier dynamics in the $\text{BA}_2\text{PbBr}_4/\text{MoS}_2$ heterostructure**

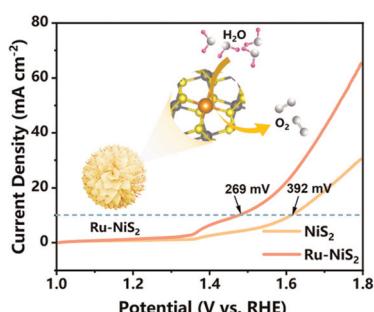
Sumaiya Parveen, Pratap Kumar Pal, Suchetana Mukhopadhyay, Sudipta Majumder, Swapneswar Bisoi, Atikur Rahman and Anjan Barman*

2810

**Machine learning models for easily obtainable descriptors of the electrocatalytic properties of $\text{Ag}-\text{Pd}-\text{Ir}$ nanoalloys toward the formate oxidation reaction**

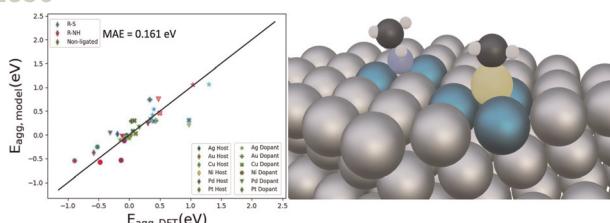
Xiaoqing Liu, Fuyi Chen,* Wanxuan Zhang, Fanzhe Ma and Peng Xu

2820

**Tuning the local S coordination environment on Ru single atoms to boost the oxygen evolution reaction**

Yiling Ran, Rong Gan, Qin Zhao, Quanlei Ma, Yijing Liao, Yinwei Li, Yi Wang,* Yanwei Wang* and Yan Zhang*

2830

**Single atom alloys aggregation in the presence of ligands**

Maya Salem and Giannis Mpourmpakis*

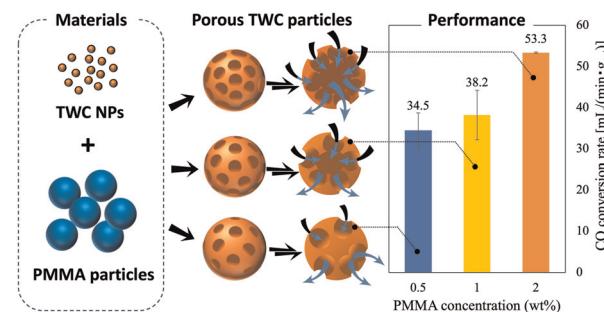


PAPERS

2841

Enhancing CO oxidation performance by controlling the interconnected pore structure in porous three-way catalyst particles

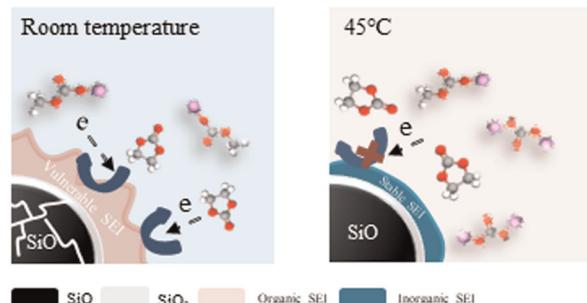
Duhaul Biqal Kautsar, Phong Hoai Le, Ai Ando, Eishi Tanabe, Kiet Le Anh Cao, Eka Lutfi Septiani, Tomoyuki Hirano and Takashi Ogi*



2852

Thermoelectrochemical formation of a solid electrolyte interphase on a silicon negative electrode to enhance the durability of silicon-enriched lithium-ion batteries by compositional modification

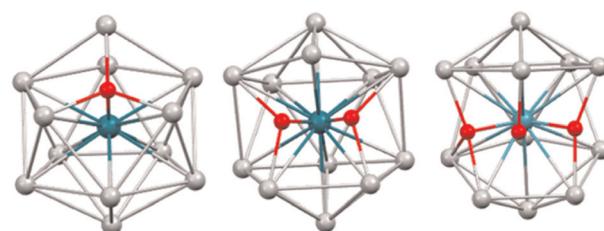
Chae Rim Lee, Miseung Kim, Chihyun Hwang, Jun Ho Song, Ji-Sang Yu and Hyun-seung Kim*



2860

Hydride-containing Ag- and Au-rich 8-electron superatomic icosahedral cores: a DFT investigation

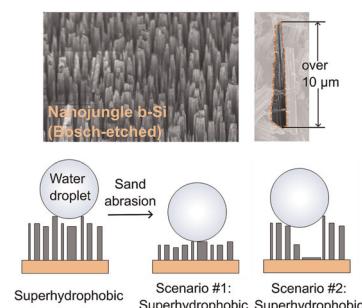
Hao Liang, Tzu-Hao Chiu, Samia Kahlal, Jian-Hong Liao, C. W. Liu* and Jean-Yves Saillard*



2871

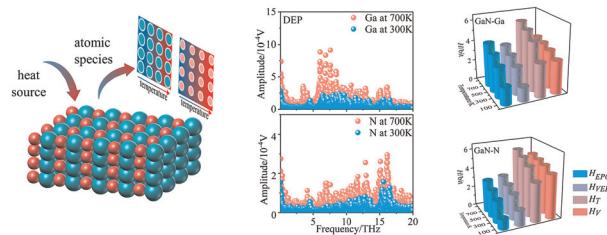
Enhanced superhydrophobic robustness of black silicon employing nanojungle structures

Lingju Meng,* Mohammad Awashra, Seyed Mehran Mirmohammadi, Seyedeh Maryam Mousavi, Jaana Vapaavuori, Ville P. Jokinen and Sami Fransila*



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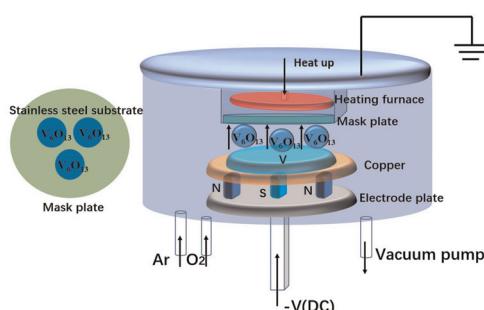
2878



The effect of atomic vibration on thermal transport in diatomic semiconductors investigated via *ab initio* molecular dynamics

Dian Huang, Guihua Tang,* Zhibin Gao and Shengying Yue*

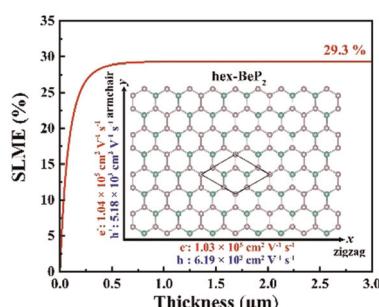
2889



Preparation of sandwich-structured V_6O_{13} via direct current magnetron sputtering for high-capacity zinc-ion batteries

Yun Zhao, Kai Feng, Qi Xv, Yanfang Qin, Siyue Song, Zhiwei Liu* and Xuejin Wang*

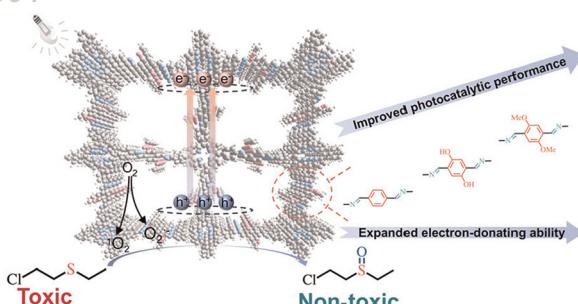
2897



The BeP_2 monolayer exhibits ultra-high and highly anisotropic carrier mobility and 29.3% photovoltaic efficiency

Changping Sun, Yiming Zhang, Meiling Xu,* Feilong Wang, Wenwen Cui, Caoping Niu and Yinwei Li*

2904



Photocatalytic detoxification of a sulfur mustard simulant using donor-enhanced porphyrin-based covalent-organic frameworks

Yana Chen, Zewen Shen, Yezi Hu, Haotian Zhang, Lisha Yin, Guixia Zhao,* Guangtong Hai* and Xiubing Huang*



CORRECTION

2912

Correction: Camptothecin-based prodrug nanomedicines for cancer therapy

Renshuai Zhang, Jing Yu, Zhu Guo,* Hongfei Jiang* and Chao Wang*

