

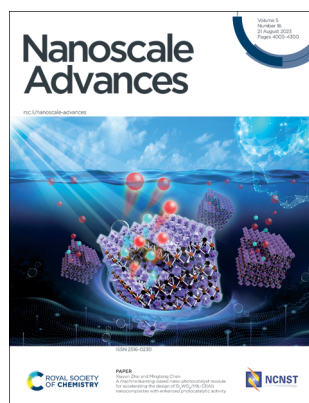
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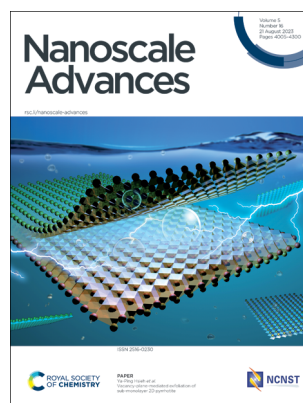
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IN THIS ISSUE

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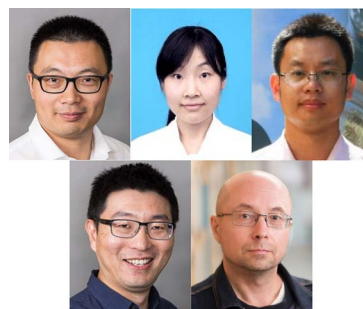
Inside cover
See Ya-Ping Hsieh et al., pp. 4074–4079. Image reproduced by permission of Ya-Ping Hsieh from *Nanoscale Adv.*, 2023, 5, 4074.

EDITORIAL

4015

Introduction to Supercapacitors

Zhaojun Han, Ruopian Fang, Dewei Chu, Da-Wei Wang and Kostya (Ken) Ostrikov



REVIEWS

4018

Recent advances of nanocrystals in cancer theranostics

Devyani Yenurkar, Malay Nayak and Sudip Mukherjee*



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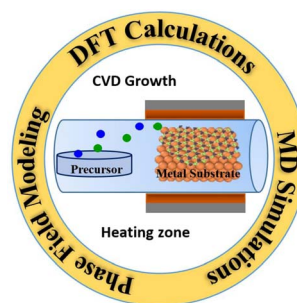


REVIEWS

4041

Growth mechanisms of monolayer hexagonal boron nitride (*h*-BN) on metal surfaces: theoretical perspectives

Md. Sherajul Islam,* Abdullah Al Mamun Mazumder, Minhaz Uddin Sohag, Md. Mosarof Hossain Sarkar, Catherine Stampfl and Jeongwon Park

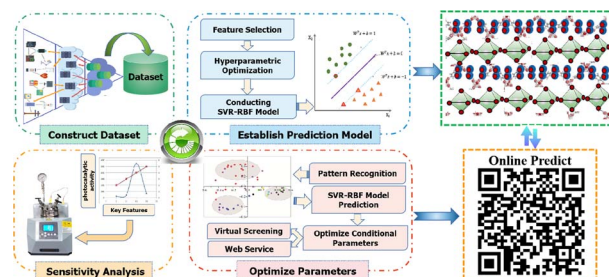


PAPERS

4065

A machine learning-based nano-photocatalyst module for accelerating the design of Bi₂WO₆/MIL-53(Al) nanocomposites with enhanced photocatalytic activity

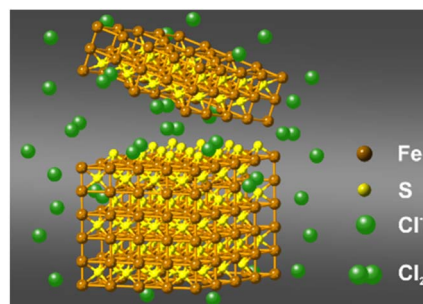
Xiuyun Zhai* and Mingtong Chen



4074

Vacancy-plane-mediated exfoliation of sub-monolayer 2D pyrrhotite

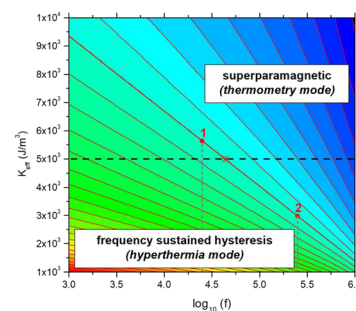
Jian-Jhang Lee, Yi-Hung Chu, Zhi-Long Yen, Jeyavelan Muthu, Chu-Chi Ting, Ssu-Yen Huang, Mario Hofmann and Ya-Ping Hsieh*



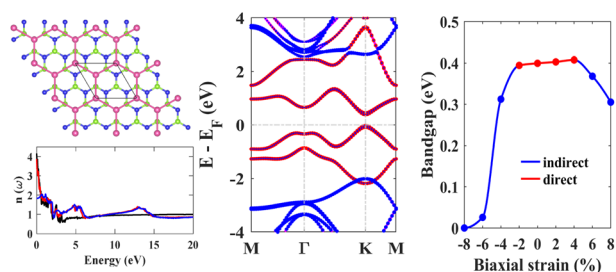
4080

Multifunctional effects in magnetic nanoparticles for precision medicine: combining magnetic particle thermometry and hyperthermia

Gabriele Barrera,* Paolo Allia and Paola Tiberto



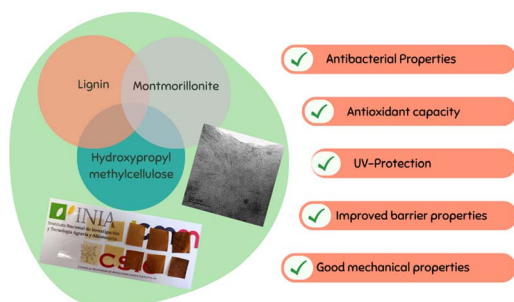
4095



Numerical characterization of the electronic and optical properties of plumbene/hBN heterobilayer using first-principles study

Nishat Tasnim Hiramony, Tanshia Tahreen Tanisha, Sumaiya Jahan Tabassum and Samia Subrina*

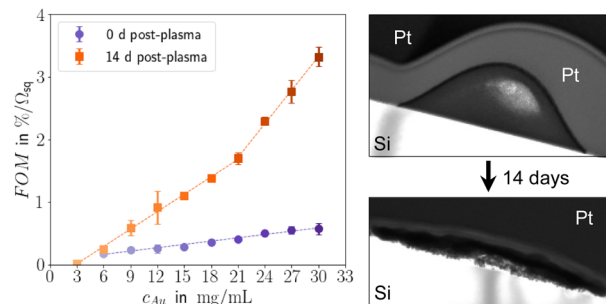
4107



Effect of the combined addition of ultrasonicated kraft lignin and montmorillonite on hydroxypropyl methylcellulose bionanocomposites

Raquel Martín-Sampedro,* Pilar Aranda, Gustavo del Real, Eduardo Ruiz-Hitzky and Margarita Darder

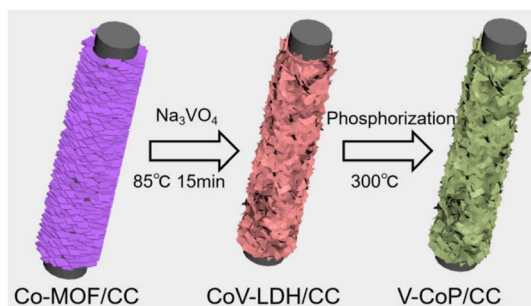
4124



Consolidation and performance gains in plasma-sintered printed nanoelectrodes

Lukas F. Engel, Lola González-García* and Tobias Kraus*

4133



V-doped porous CoP nanoarrays grown on carbon cloth with optimized electronic structure for the hydrogen evolution reaction

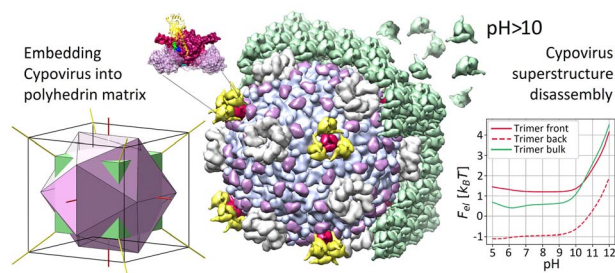
Wenzhi Jia, Qian Lu, Wenjun Zheng, Kunyan Wang, Xinhua Liu, Shichun Yang and Bin He*



4140

Integration of Cypoviruses into polyhedrin matrix

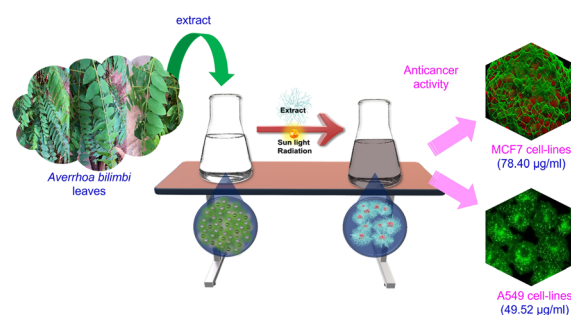
Olga V. Konevtsova, Ivan Yu. Golushko, Rudolf Podgornik* and Sergei B. Rochal*



4149

Phytofabrication of silver nanoparticles using *Averrhoa bilimbi* leaf extract for anticancer activity

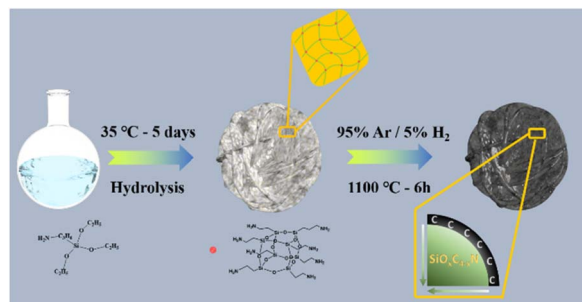
Leena V. Hublikar, Sharanabasava V. Ganachari* and Veerabhadragouda B. Patil*



4158

In situ preparation of double gradient anode materials based on polysiloxane for lithium-ion batteries

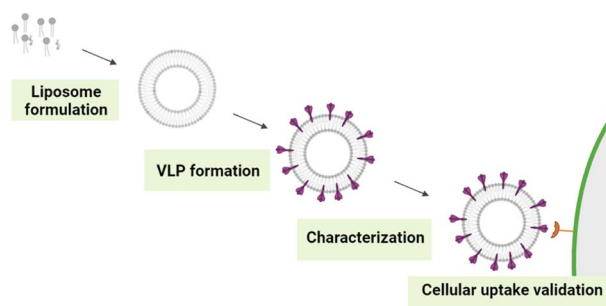
Siqi Guan, Chen Xu, Yuanjiang Chen, Yongjin Zhang, Lixiang Li, Han Zhang, Baigang An,* Haiming Yang, Weimin Zhou, Chengguo Sun, Dongying Ju and Xin Geng*



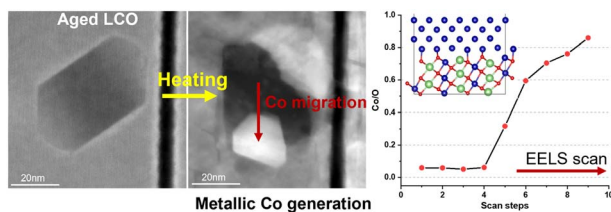
4167

SARS-CoV-2 virus-like-particles via liposomal reconstitution of spike glycoproteins

Sarah McColman,* Klaidi Shkalla, Pavleen Sidhu, Jady Liang, Selena Osman, Norbert Kovacs, Zainab Bokhari, Ana Carolina Forjaz Marques, Yuchong Li, Qiwen Lin, Haibo Zhang and David T. Cramb*



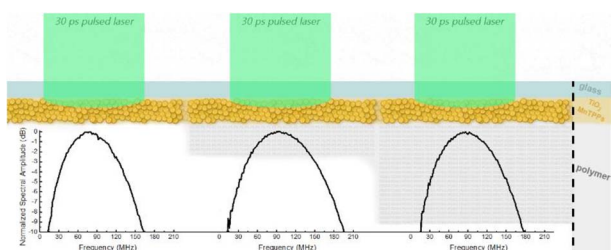
4182



Chip-based *in situ* TEM investigation of structural thermal instability in aged layered cathode

Yuhan Wang, Yuan Yuan,^{*} Xiaobin Liao, Gustaaf Van Tendeloo, Yan Zhao^{*} and Congli Sun^{*}

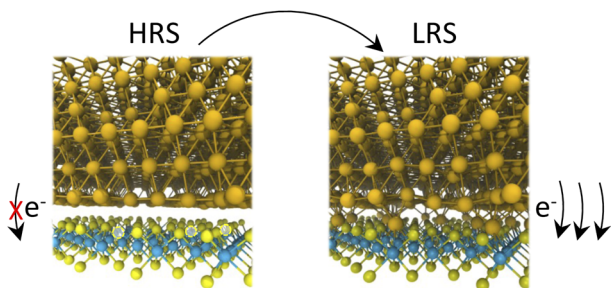
4191



Ultrathin materials for wide bandwidth laser ultrasound generation: titanium dioxide nanoparticle films with adsorbed dye

Tiago B. Pinto, Sara M. A. Pinto, Ana P. Piedade and Carlos Serpa^{*}

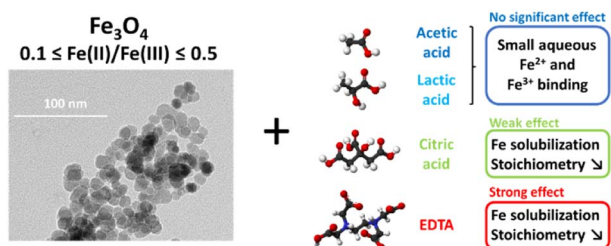
4203



Non-volatile resistive switching mechanism in single-layer MoS₂ memristors: insights from *ab initio* modelling of Au and MoS₂ interfaces

Gabriele Boschetto,^{*} Stefania Carapezzi and Aida Todri-Sanial^{*}

4213



Influence of organic ligands on the stoichiometry of magnetite nanoparticles

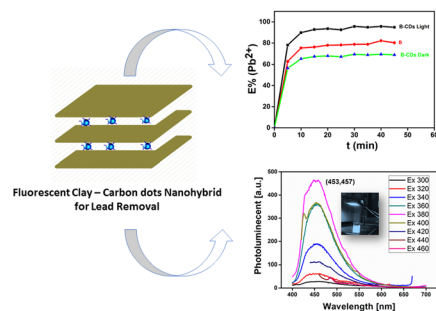
Phoomipat Jungcharoen, Rémi Marsac, Fadi Choueikani, Delphine Masson and Mathieu Pédrot^{*}



4224

A carbon dot-based clay nanocomposite for efficient heavy metal removal

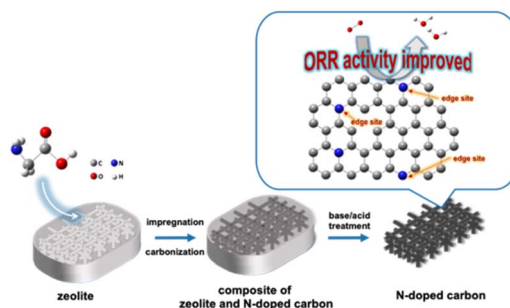
Khouloud Jlassi,* Maryam Al Ejji, Abdelgalil Khalaf Ahmed, Hafsa Mutahir, Mostafa H. Sliem, Aboubakr M. Abdullah,* Mohamed M. Chehimi* and Igor Krupa



4233

A zeolite templating method for fabricating edge site-enriched N-doped carbon materials

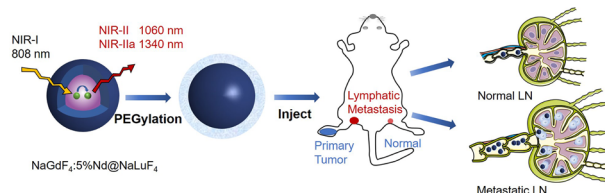
Yurika Taniguchi, Yasuhiro Shu, Ryuji Takada, Koji Miyake,* Yoshiaki Uchida and Norikazu Nishiyama



4240

Intraoperative diagnosis of early lymphatic metastasis using neodymium-based rare-earth NIR-II fluorescence nanoprobe

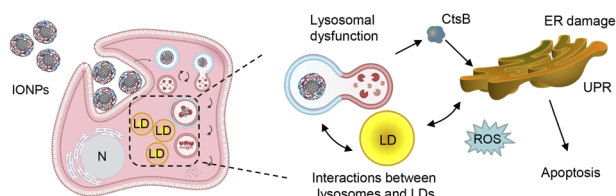
Guangxin Duan, Jingyu Zhang, Zhuxin Wei, Ximing Wang, Jianfeng Zeng, Shuwang Wu, Chunhong Hu* and Ling Wen*



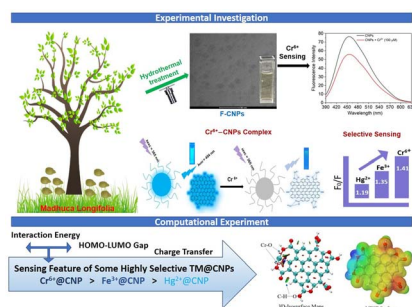
4250

Iron oxide nanoparticles trigger endoplasmic reticulum damage in steatotic hepatic cells

Mariia Uzhytchak, Mariia Lunova, Barbora Smolková, Milan Jirsa, Alexandr Dejnek* and Oleg Lunov*



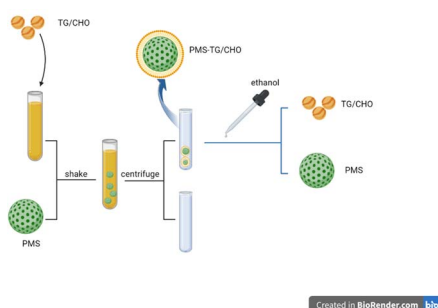
4269



Development of fluorescent carbon nanoparticles from *Madhuca longifolia* flower for the sensitive and selective detection of Cr⁶⁺: a collective experimental–computational approach

Tuhin Mandal, Ashish Kumar Ghosh, Shiv Rag Mishra, Sarvesh Kumar Pandey* and Vikram Singh*

4286



New application of a periodic mesoporous nanocrystal silicon–silica composite for hyperlipidemia

Wenbin Lu,* Hao Jin,* Jiandong Ding, Yahao Zhang and Yong Wu

