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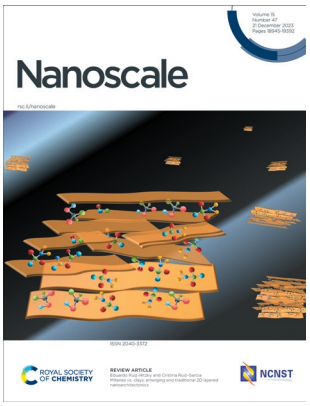
ISSN 2040-3372 CODEN NANOHL 15(47) 18945–19392 (2023)



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See Eduardo Ruiz-Hitzky and Cristina Ruiz-Garcia, pp. 18959–18979.

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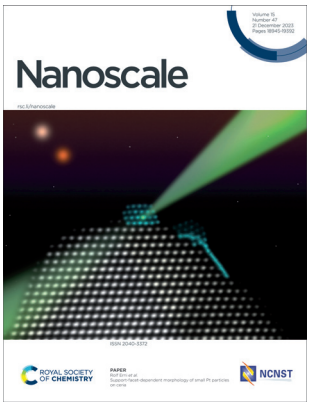

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See Rolf Erni *et al.*, pp. 19091–19098.

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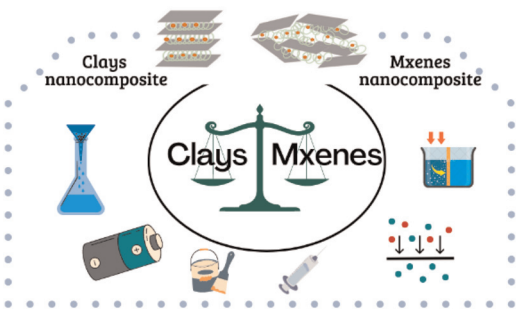

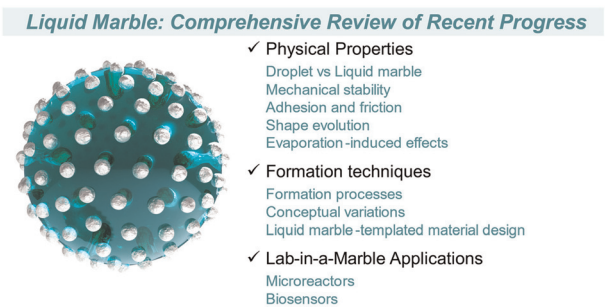

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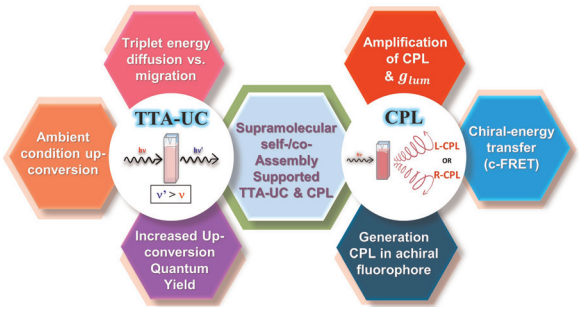

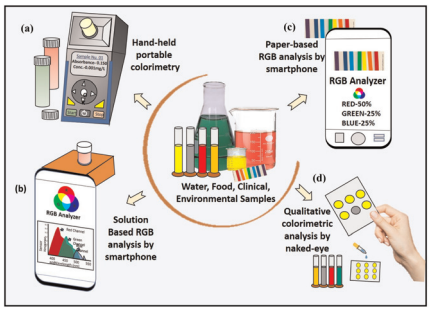

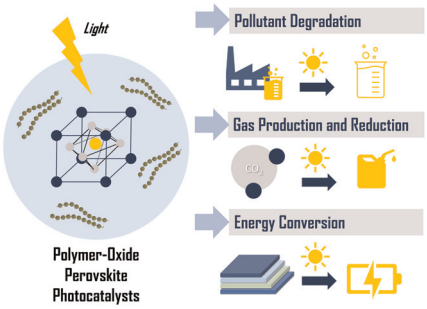

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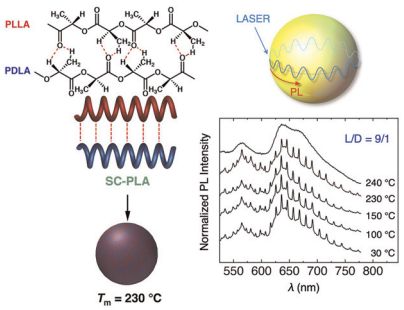

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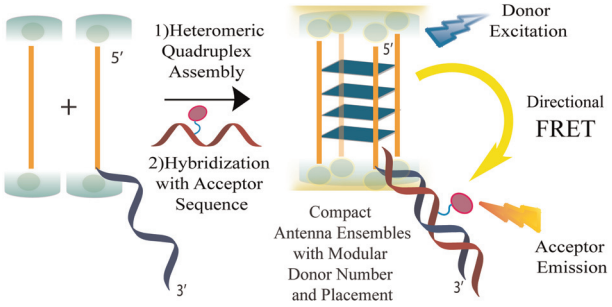

Heteromeric guanosine (G)-quadruplex derived antenna modules with directional energy transfer

Mohammad Amin Zarandi, Pravin Pathak, Noah Beltrami, Jada N. Walker, Fengqi Zhang, Jennifer S. Brodbelt, Russell Schmehl and Janarthanan Jayawickramarajah*

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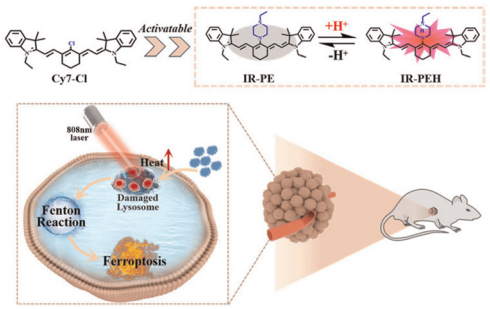

Inducing tumor ferroptosis *via* a pH-responsive NIR-II photothermal agent initiating lysosomal dysfunction

Zhiwei Zhang, Jingjing Xiang, Lijiao Guan, Pu Chen, Changzhong Li, Chunlei Guo, Yan Hu,* Saipeng Huang,* Lintao Cai* and Ping Gong*

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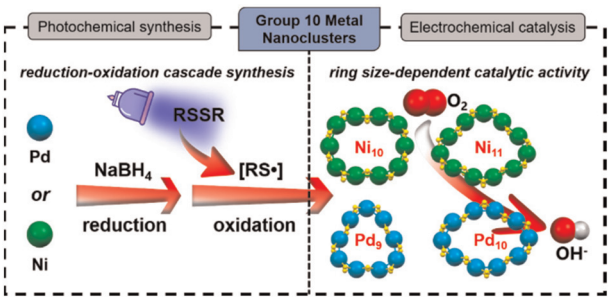

Photochemical synthesis of group 10 metal nanoclusters for electrocatalysis

Ji-Qiang Fan, Kehui Cen, Hua-Jun Xu, Hai-Yang Wang, Ying Yang, Ze-Min Zhu, Hao Liu, Dengyu Chen, Weigang Fan* and Man-Bo Li*

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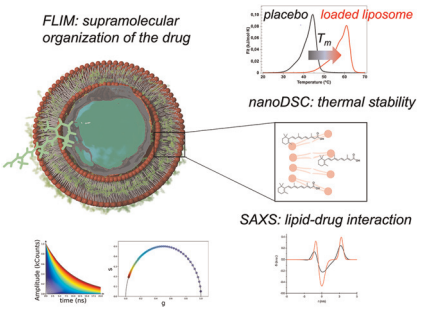

Phasor-FLIM-guided unraveling of ATRA supramolecular organization in liposomal nanoformulations

Mario Bernardi, Michael Vernizzi, Laura Baraldi, Sandor Balog, Irene Bassanetti, Elisa Sgarbi, Luca Fornasari, Chiara Arrigoni and Francesco Cardarelli*

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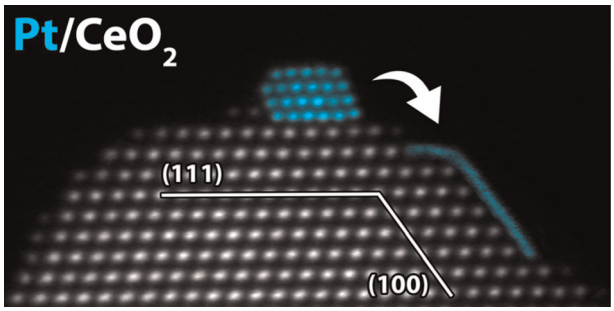
Support-facet-dependent morphology of small Pt particles on ceria

Henrik Eliasson, Yubiao Niu, Richard E. Palmer, Henrik Grönbeck and Rolf Erni*



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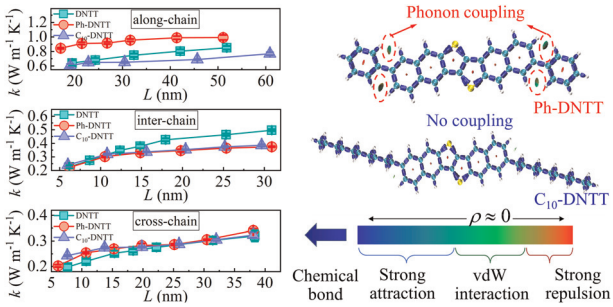
Insight into the effect of side chains on thermal transport of organic semiconductors

Chao Yang, Weitao Wang, Boyu Peng, Wanxiang Ji and Xinyu Wang*



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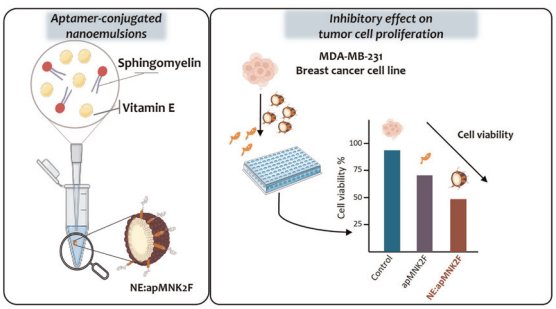
Chemical conjugation of aptamer–sphingomyelin nanosystems and their potential as inhibitors of tumour cell proliferation in breast cancer cells

Jenifer García-Fernández, Laura Rivadulla Costa, Celia Pinto-Díez, M. Elena Martín, Víctor M. González and María de la Fuente Freire*



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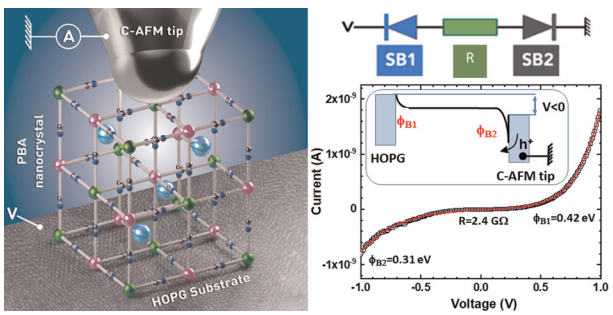
Electronic properties of single Prussian Blue Analog nanocrystals determined by conductive-AFM

Hugo Therssen, Laure Catala, Sandra Mazérat, Talal Mallah, Dominique Vuillaume, Thierry Mélin and Stéphane Lenfant*



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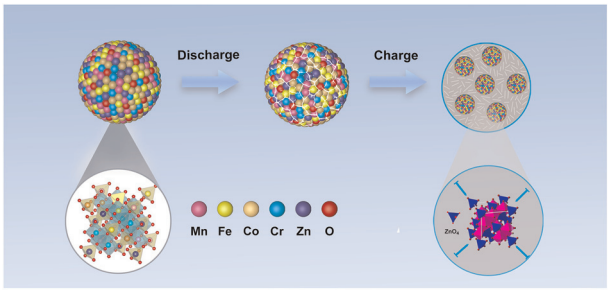

The elemental pegging effect in locally ordered nanocrystallites of high-entropy oxide enables superior lithium storage

Huitao Leng, Panpan Zhang, Jiansheng Wu, Taiding Xu, Hong Deng, Pan Yang, Shouyue Wang, Jingxia Qiu,* Zhenzhen Wu* and Sheng Li*

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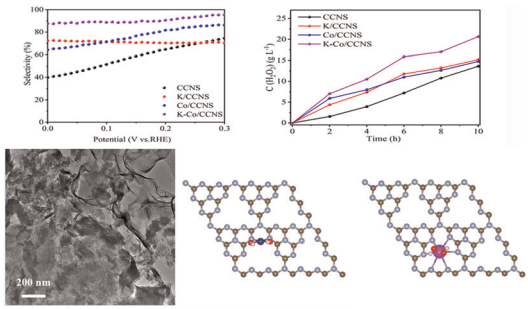

Electrochemical production of hydrogen peroxide by non-noble metal-doped g-C_3N_4 under a neutral electrolyte

Ying Wang, Hongcen Yang, Niandi Lu, Di Wang, Kun Zhu, Zhixia Wang, Lianshan Mou, Yan Zhang, Yawei Zhao, Kun Tao, Fei Ma* and Shanglong Peng*

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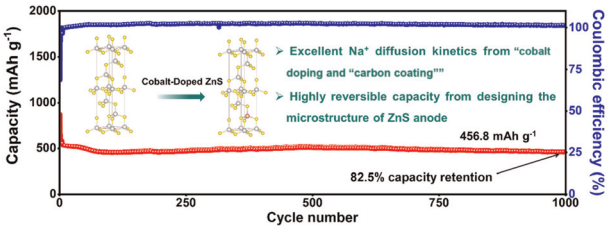

A cobalt-doped hollow ZnS polyhedra@porous carbon shell composite anode for high-rate sodium-ion batteries

Miaoxin Di, Zhenqi Song, Suhua Chen* and Ying Bai*

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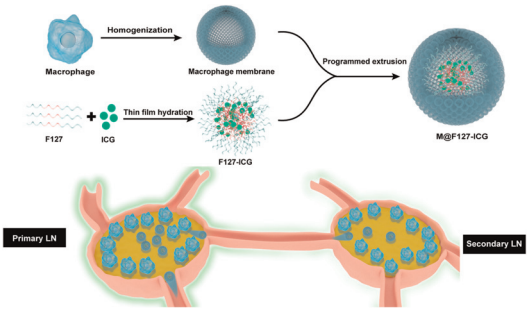

Biomimetic nanoplatform with selectively positioned indocyanine green for accurate sentinel lymph node imaging

Wenjing Cheng, Xiangbai Wu, Shi Yu, Chengwei Zhang, Yinhong Song, Xinzhi Li and Xiang Yu*

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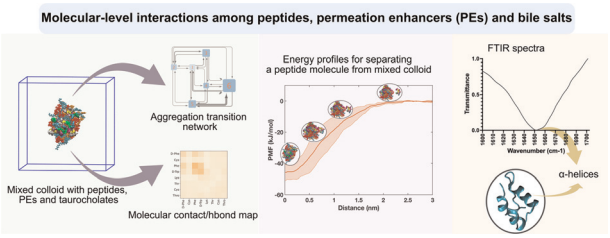
Revealing the interaction between peptide drugs and permeation enhancers in the presence of intestinal bile salts

Shakhawath Hossain, Rosita Kneiszl and Per Larsson*



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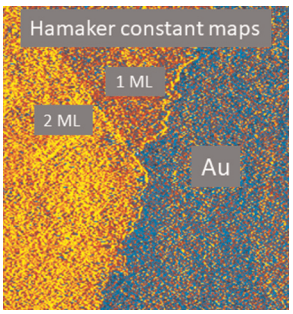
Fast and high-resolution mapping of van der Waals forces of 2D materials interfaces with bimodal AFM

Victor G. Gisbert and Ricardo Garcia*



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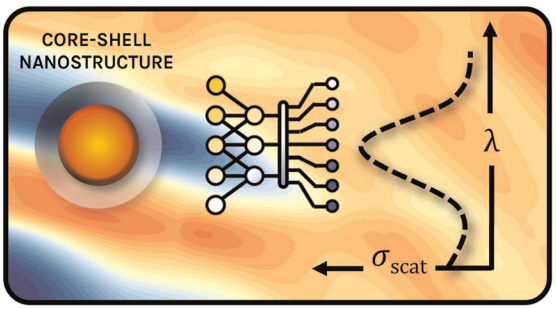
Machine learning of all-dielectric core–shell nanostructures: the critical role of the objective function in inverse design

David J. Hoxie,* Purushotham V. Bangalore and Kannatassen Appavoo



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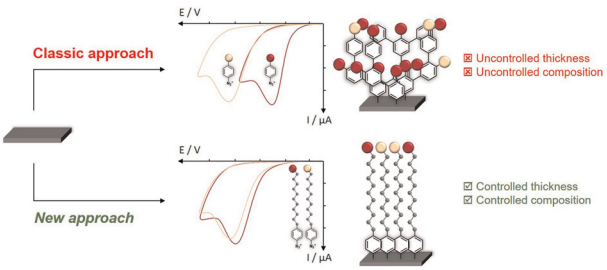
An innovative method for controlled synthesis of bicomponent monolayer films obtained by reduction of diazonium

Julien Billon, Anna Omelchuk, Viacheslav Shkirskiy, Sylvie Dabos-Seignon, Olivier Alévêque, Eric Levillain, Tony Breton and Christelle Gautier*



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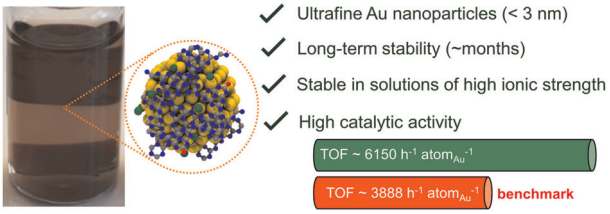

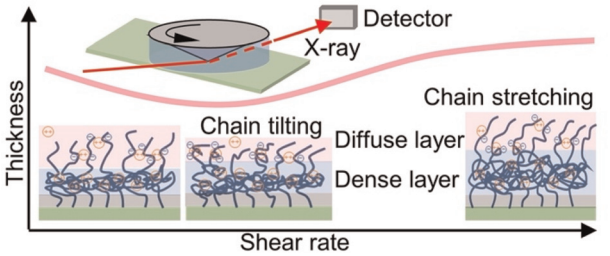

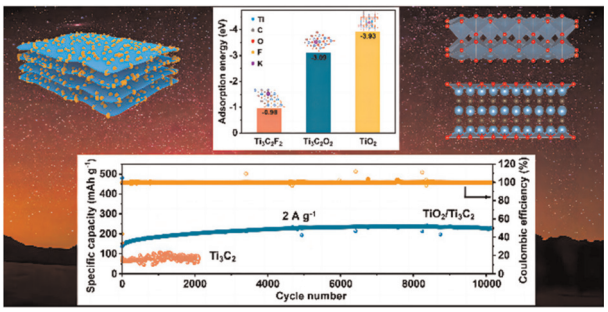

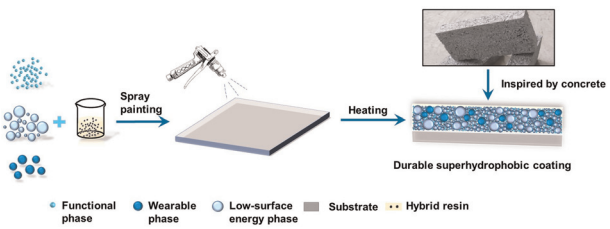

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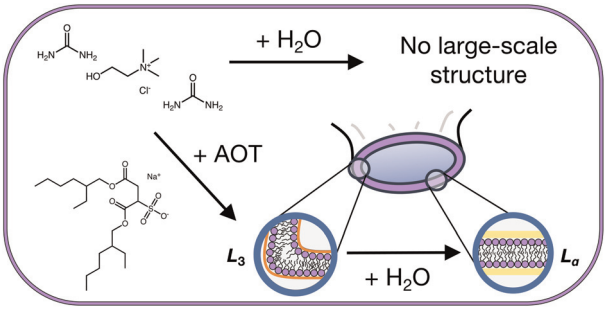

Evidence for an L_3 phase in ternary deep eutectics: composition-induced L_3-to-L_α transition of AOT

Oliver S. Hammond,* Naomi S. Elstone, James Doutch, Peixun Li and Karen J. Edler

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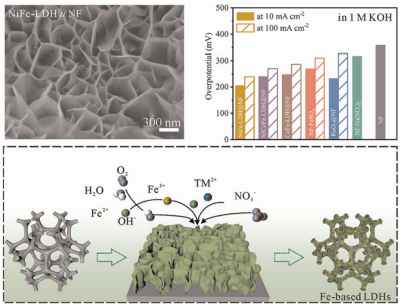
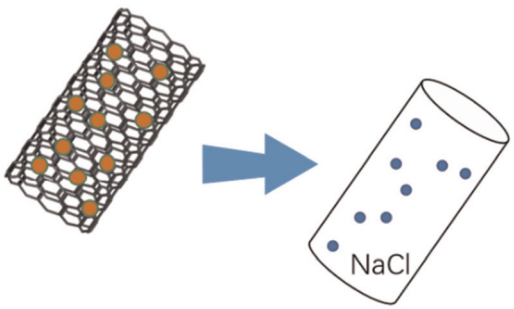


A moderate method for *in situ* growing Fe-based LDHs on Ni foam for catalyzing the oxygen evolution reaction

Yanqi Liu, Chenghao Zhang, Qingsong Cai, Jianmin Zhang* and Zongmin Zheng*

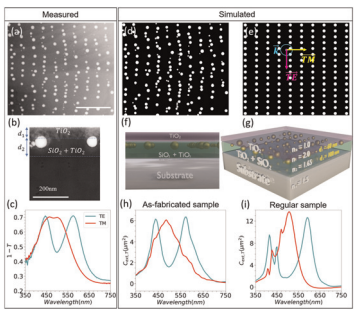
19330



Switchable NaCl cages *via* a MWCNTs/Ni$[Fe(CN)_6]_2$ nanocomposite for high performance desalination

Ze-Qin Yang, Wei-Bin Zhang,* Kang Yang, Bi Chen, Yi Yin, Jia-Jun Li, Jing-Lei Yang, Yue Gao and Xue-Jing Ma*

19339



Hybridization between plasmonic and photonic modes in laser-induced self-organized quasi-random plasmonic metasurfaces

Van Doan Le, Yaya Lefkir and Nathalie Destouches*

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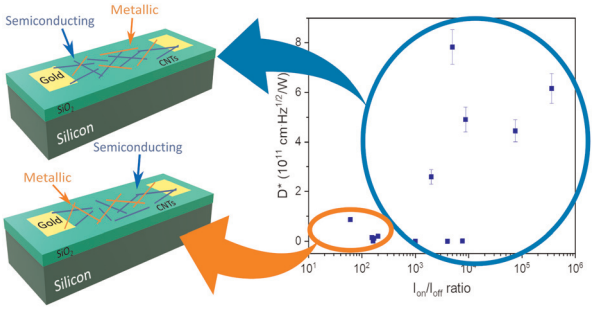
PAPERS

19351

Photogating interfacial effects in carbon nanotube-based transistors on a Si/SiO_2 substrate toward highly sensitive photodetection

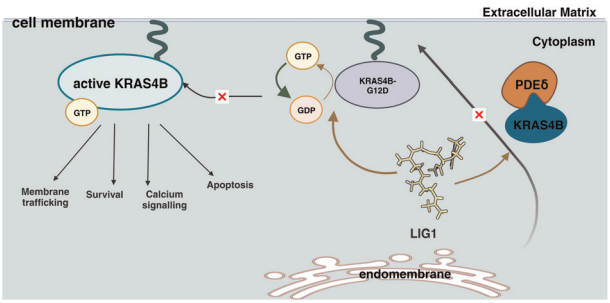
Svetlana I. Serebrennikova, Daria S. Kopylova, Yuriy G. Gladush, Dmitry V. Krasnikov, Sakellaris Mailis and Albert G. Nasibulin*



19359

In silico design of a lipid-like compound targeting KRAS4B-G12D through non-covalent bonds

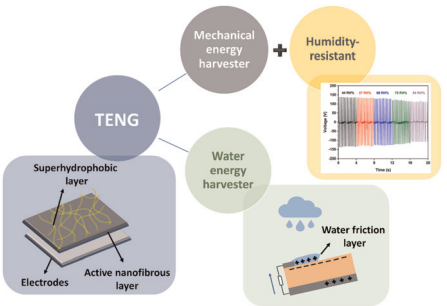
Huixia Lu,* Zheyao Hu, Jordi Faraudo and Jordi Martí*



19369

Flexible, humidity- and contamination-resistant superhydrophobic MXene-based electrospun triboelectric nanogenerators for distributed energy harvesting applications

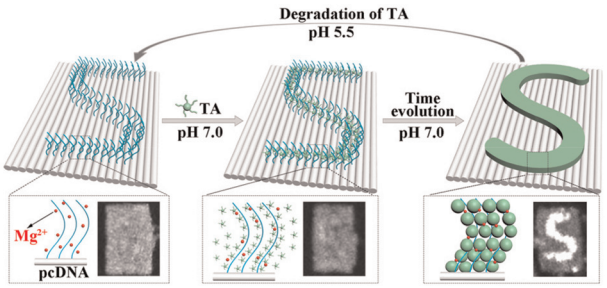
Sagar Sardana, Vaishali Sharma, Kevin Gurbani Beepat, Davinder Pal Sharma, Amit Kumar Chawla and Aman Mahajan*



19381

The controllable patterning of tannic acid on DNA origami

Yuanyuan Luo, Liqiong Niu, Pengyan Hao, Xiaoya Sun, Yongxi Zhao and Na Wu*



CORRECTION

19389

Correction: Considerable slowdown of short DNA fragment translocation across a protein nanopore using pH-induced generation of enthalpic traps inside the permeation pathway

Loredana Mereuta, Alina Asandei, Ioan Andricioaei, Jonggwan Park, Yoonkyung Park* and Tudor Luchian*

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