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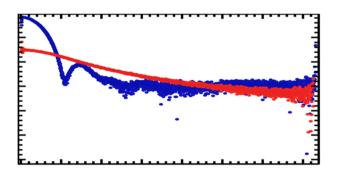
See Zhen Zhao, Bo Li et al., pp. 25329-25340. Image reproduced by permission of Bo Li from Phys. Chem. Chem. Phys., 2024, 26, 25329.

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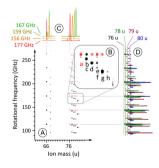
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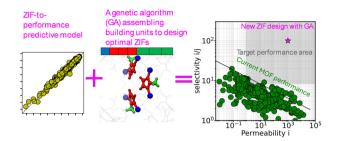


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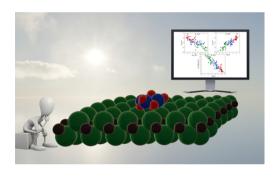


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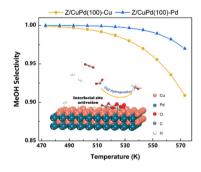
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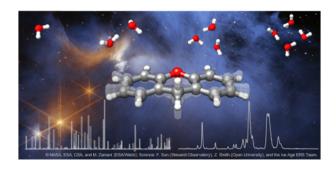
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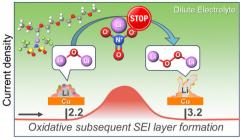
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Probing the structure and dynamics of the heterocyclic PAH xanthene and its water complexes with infrared and microwave spectroscopy

Donatella Loru,* Wenhao Sun, Hugo Nootebos, Amanda L. Steber, Piero Ferrari and Melanie Schnell*



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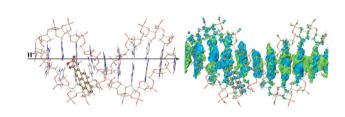


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Yushen Wang and Hidenori Noguchi*

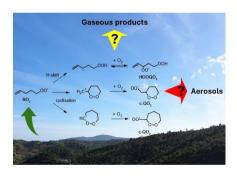
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Effects of BPQ binding on the nonadiabatic dynamics of excited electrons in poly(dG)-poly(dC) DNA under proton irradiation

Zhihua Hu, Zun-Yi Deng and Hong-Jian Feng*

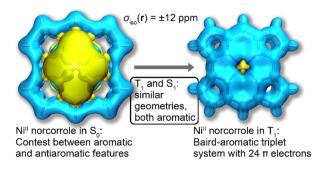
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H-shift and cyclization reactions in unsaturated alkylperoxy radicals near room temperature: propagating or terminating autoxidation?

Barbara Nozière* and Luc Vereecken*

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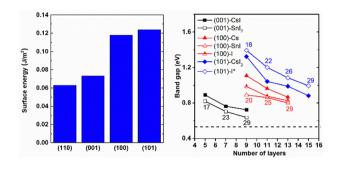
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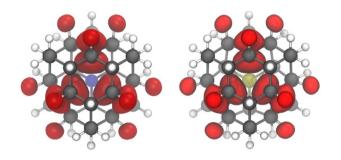
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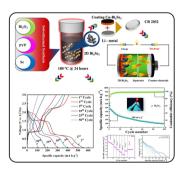
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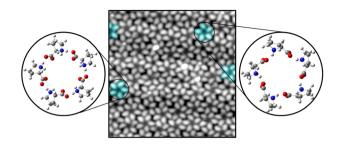
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Exploring the electrochemical performance of layered Bi₂Se₃ hexagonal platelets as the anode material for lithium-ion batteries

Shaik M. Abzal, Sumit Khatua, Kurapati Kalyan, SaiLakshmi Janga, Rajkumar Patel,* L. N. Patro* and Jatis Kumar Dash*



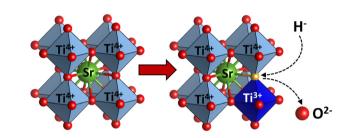
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Enantiopure molecules form apparently racemic monolayers of chiral cyclic pentamers

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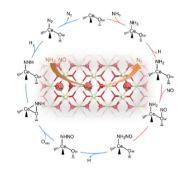
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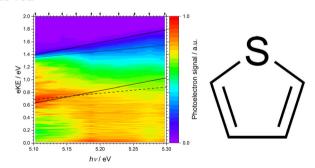
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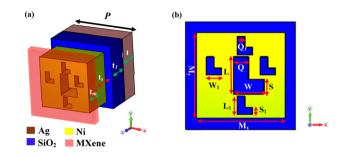
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A high-performance ultra-wideband metasurface absorber and thermal emitter for solar energy harvesting and thermal applications

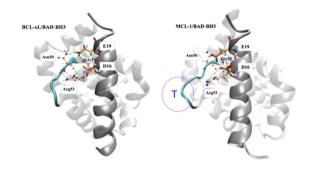
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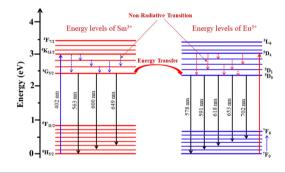
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Eu³⁺ singly-doped and Eu³⁺/Sm³⁺ co-doped ZnS quantum dots: structure, optical properties and energy transfer

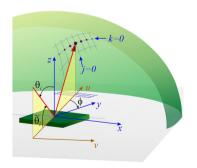
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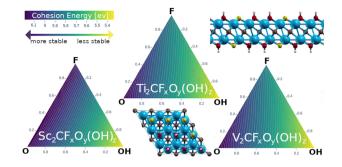
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Grazing incidence fast atom diffraction: general considerations, semiclassical perturbation theory and experimental implications

E. Pollak, P. Roncin, W. Allison and S. Miret-Artés*



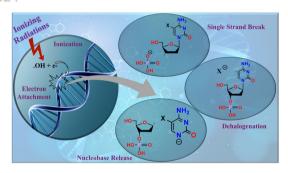
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The effect of mixed termination composition in Sc, Ti, and V-based MXenes

Michal Novotný, Karolína Tkáčová and František Karlický*

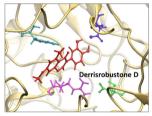
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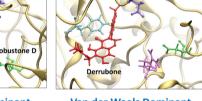


Dissociative electron attachment to halogenated nucleotides: a quest for better radiosensitizers

Shubham Kumar and Manabendra Sarma*

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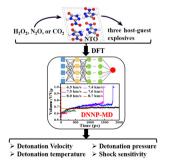
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Electrostatic Dominant

Van der Waals Dominant

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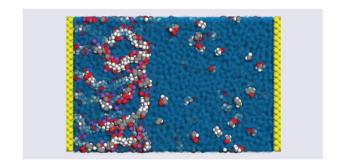
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Caimu Wang, Jidong Zhang, Wei Guo,* Ruibin Liu and Yugui Yao

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All-atom molecular dynamics simulations showing the dynamics of small organic molecules in water-solvated polyelectrolyte brush layers

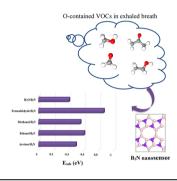
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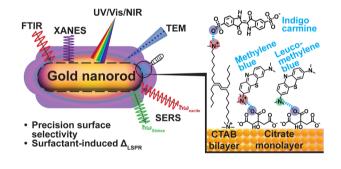
Rezvan Rahimi* and Mohammad Solimannejad*



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Targeted synthesis of gold nanorods and characterization of their tailored surface properties using optical and X-ray spectroscopy

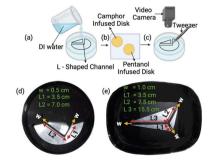
David G. Schauer, Jona Bredehoeft, Umar Yunusa, Ajith Pattammattel, Hans Jakob Wörner and Emily A. Sprague-Klein*



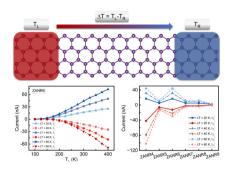
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Surface tension gradient invoked path selection

Anjuman Ara Khatun,* Aarsh Chotalia, Kalpita Das, Shiva Dixit and P. Parmananda



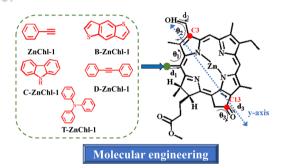
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Spin-dependent Seebeck effect in zigzag-edge antimonene nanoribbons

Liyan Lin, Yue Jiang,* Xinyi Gao, Yandong Guo,* Hongli Zeng and Xiaohong Yan*

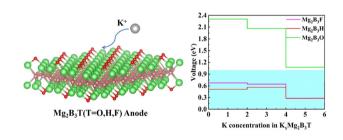
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Molecular engineering and structure-property relationship based on D-A chlorophyll derivative and the application in organic solar cells

Kaiyan Zhang, Ting Li, Peng Song,* Fengcai Ma and Yuanzuo Li*

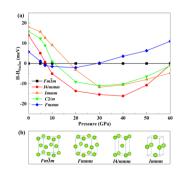
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Two-dimensional functionalized MBene Mg₂B₃T (T = O, H, and F) monolayers as anode materials for high-performance K-ion batteries

Fengzhang Tang,* Jiafei Pang,* Jinni Yang, Xiaoyu Kuang* and Aijie Mao*

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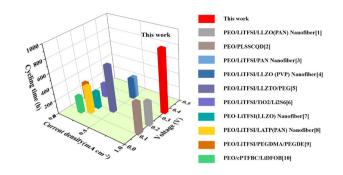
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Lihui Zhan, Wenhao Fan, Junyi Miao, Shi He, Qingzhuo Duan, Xilong Dou and Cheng Lu*

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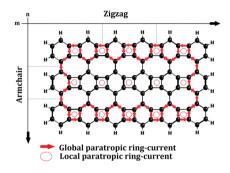
Yujie Wang,* Lingling Sun, Xiaoli Li and Yan Zhang



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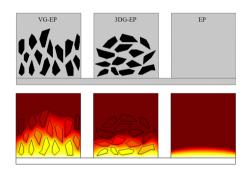
Lenara I. Valiulina,* R. Valiyev, Victor N. Cherepanov and Elena V. Stepanova



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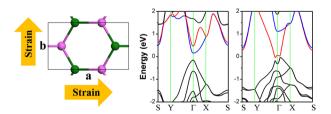
Jiaqiang Liao, Shijie Chen, Minjin Huang, Tao Rui, Zhi Qun Tian and Changzheng Li*



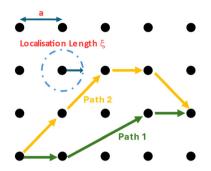
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Strain-tunable electronic anisotropy of the AlSb double-layer honeycomb structure

Hongsheng Liu,* Yaning Li, Rui Chen, Yuanyuan Zhao and Junfeng Gao*



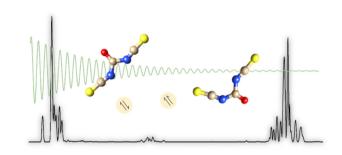
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Theoretical analysis of electron transport in perovskite thin films

Ankur Bhaumik* and Anshu Pandey

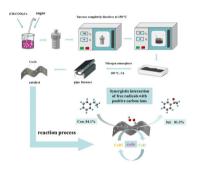
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Rotational conformers and nuclear spin isomers of carbonyl diisothiocyanate

Eva Gougoula,* Jonathan Pfeiffer, Melanie Schnell* and Frank Tambornino*

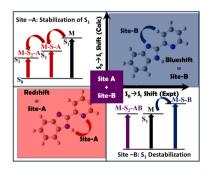
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Green and efficient catalytic oxidation of ethylbenzene to acetophenone over cobalt oxide supported on a carbon material derived from sugar

Jinhong Li, Zhimei Song, Kaikai Cui, Haonan Li, Mei Han, Jinge Wang and Lidong Chen*

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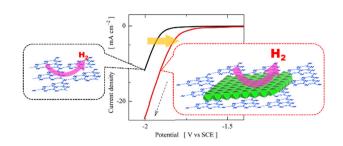
Spectroscopic characterization of the complexes of 2-(2'-pyridyl)-benzimidazole and (H₂O)_{1,2}, $(CH_3OH)_{1,2}$, and $(NH_3)_{1,2}$ isolated in the gas phase

Arkaprabha Sen, Saurabh Khodia, Ramesh Jarupula, Simran Baweja, Bhavika Kalal and Surajit Maity*

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Enhanced electrocatalytic activity in hydrogen evolution reaction using 2D/2D nanohybrids of ruthenate nanoflakes and graphitic carbon nitride

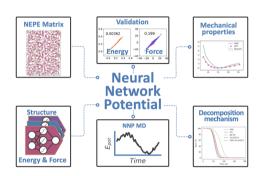
Takayuki Ban,* Kazuki Inukai, Chika Takai-Yamashita and Kazuhiro Manseki



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Uncovering the decomposition mechanism of nitrate ester plasticized polyether (NEPE): a neural network potential simulation

Mingjie Wen, Juntao Shi, Xiaoya Chang, Jiahe Han, Kehui Pang, Dongping Chen and Qingzhao Chu*



CORRECTION

25731

Correction: Effects of BPQ binding on the nonadiabatic dynamics of excited electrons in poly(dG)-poly(dC) DNA under proton irradiation

Zhihua Hu, Zun-Yi Deng and Hong-Jian Feng*