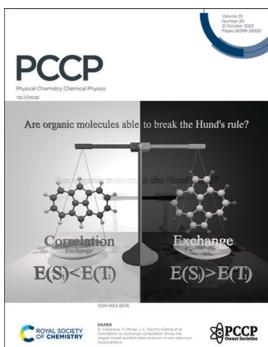


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See D. Casanova, Y. Olivier, J. C. Sancho-Garcia et al., pp. 26417–26428.  
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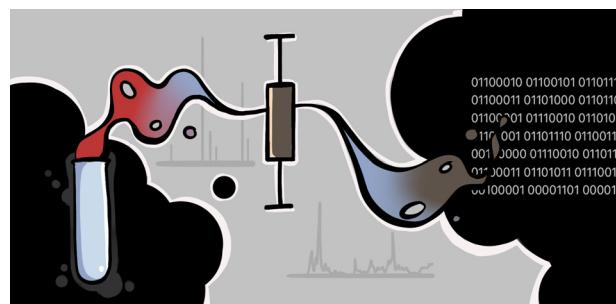
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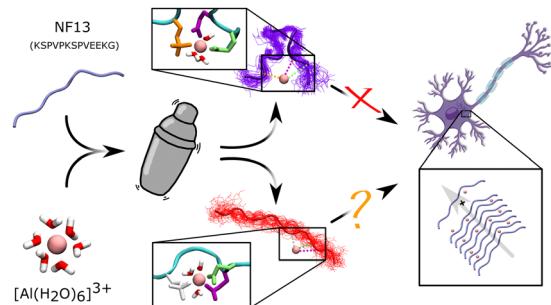


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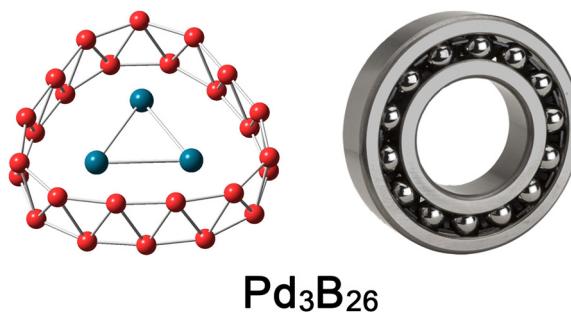
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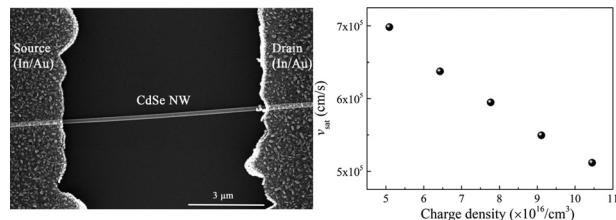
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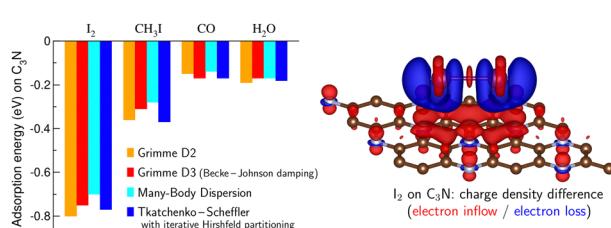
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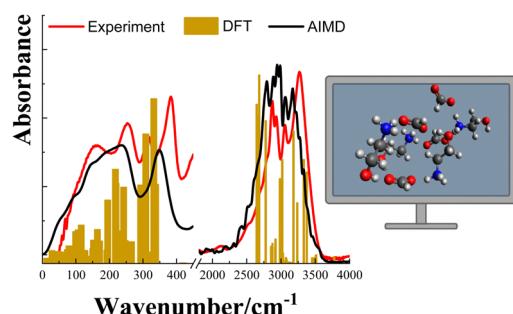
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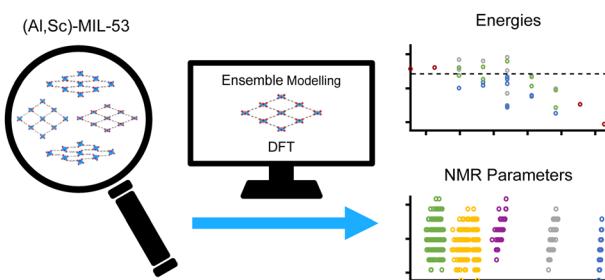
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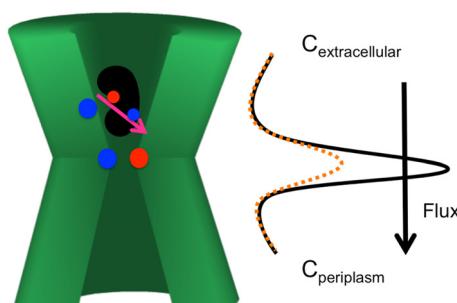
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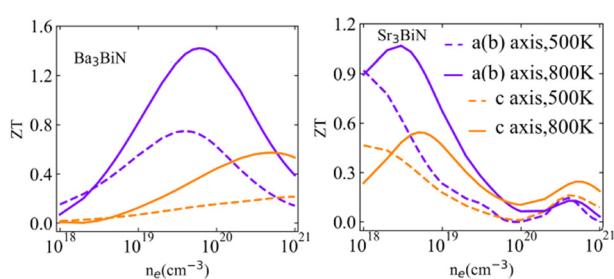
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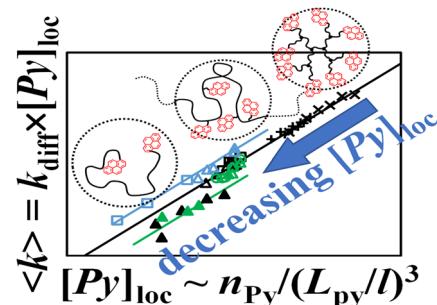


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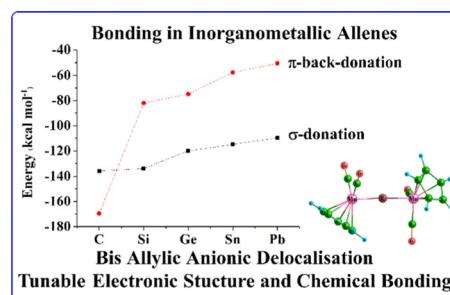
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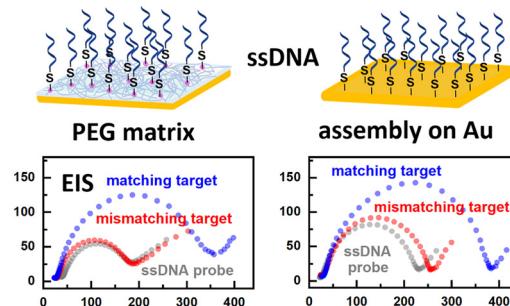
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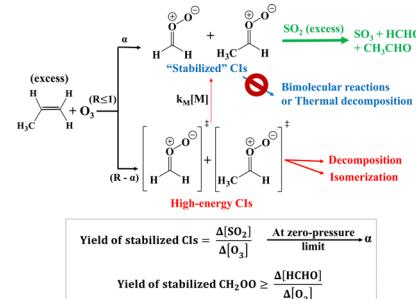
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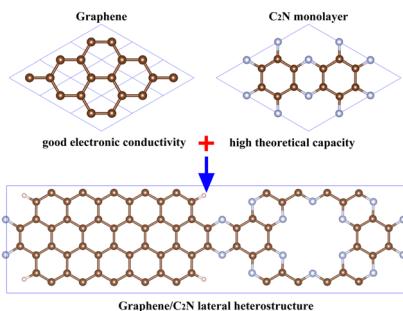
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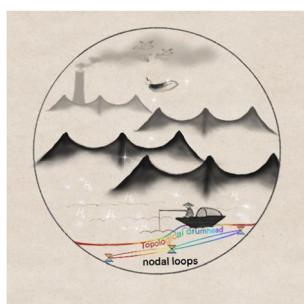
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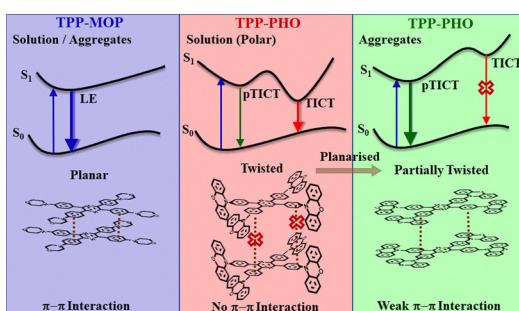
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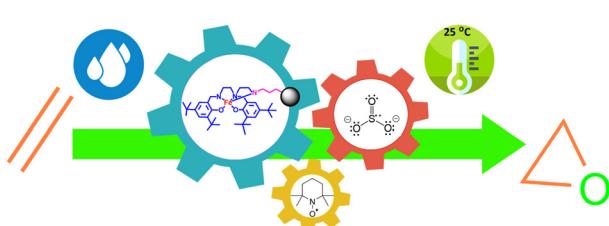
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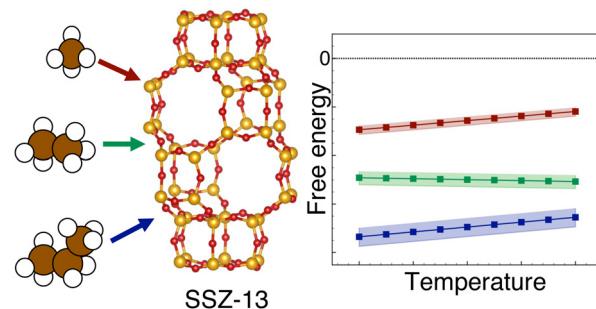


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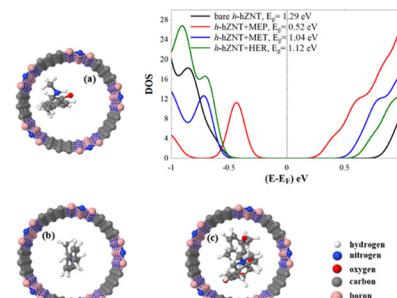
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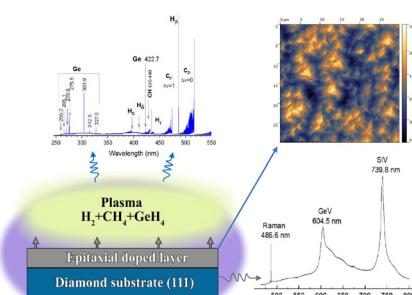
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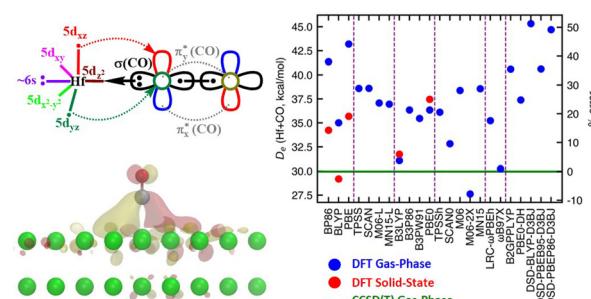
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Vladimir Artemov, Andrew Khomich, Roman Khmelnitskiy  
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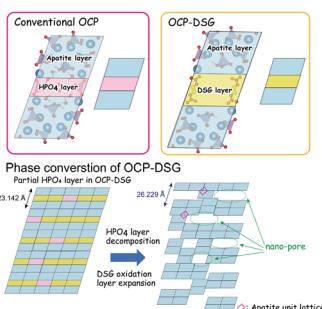
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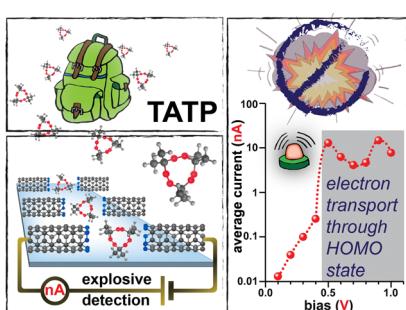
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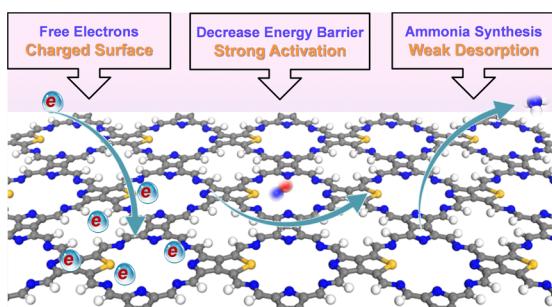
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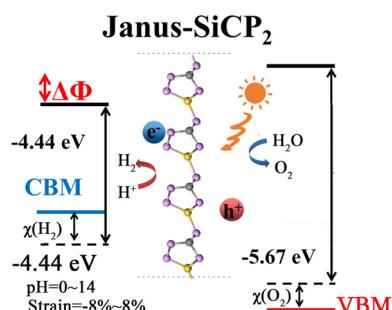
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Yanfu Zhao, Bofeng Zhang\* and Jiahe Lin\*

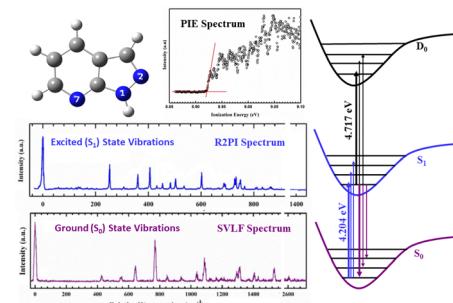


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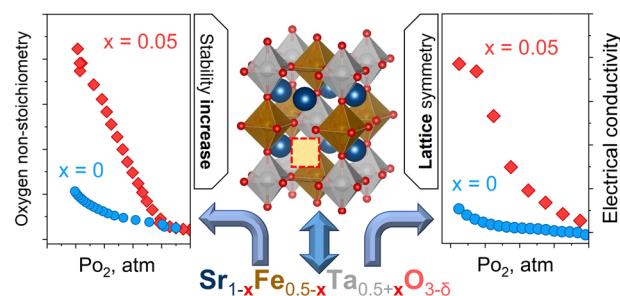
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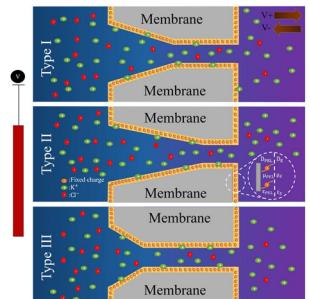
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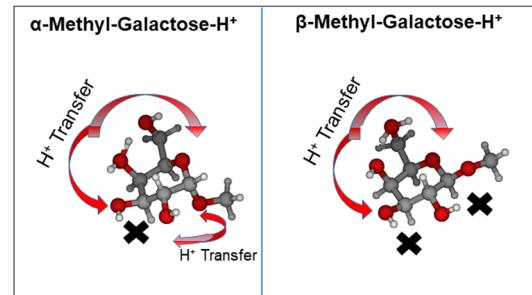
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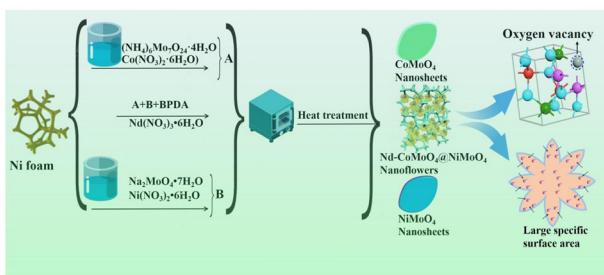
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M. P. Dvores,\* P. Çarçabal and R. B. Gerber\*



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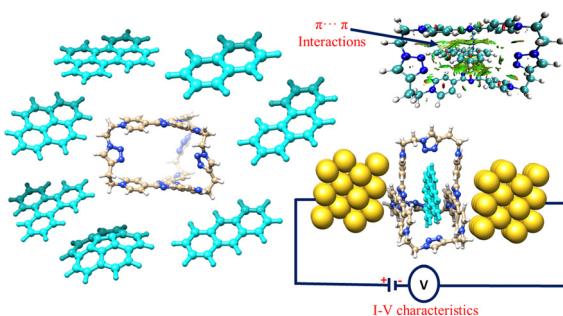
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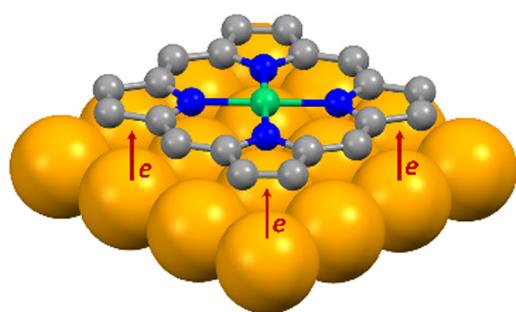
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Haobam Kisan Singh, Upasana Nath, Niharika Keot and Manabendra Sarma\*

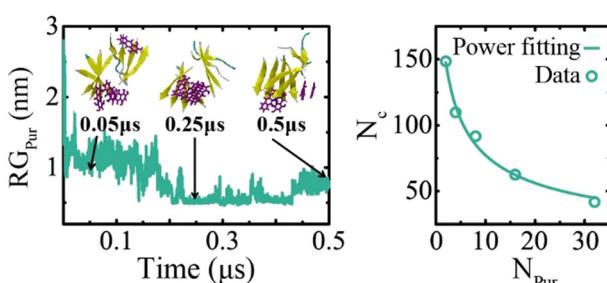
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Silvia Carlotto, Alberto Verdini,\* Giovanni Zamborlini, Iulia Cojocariu, Vitaliy Feyer, Luca Floreano and Maurizio Casarin\*

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### Dose-dependent binding behavior of anthraquinone derivative purpurin interacting with tau-derived peptide protofibril

Xiaoxiao Wu, Lili Zhu, Gang Wang, Qingwen Zhang and Zhenyu Qian\*

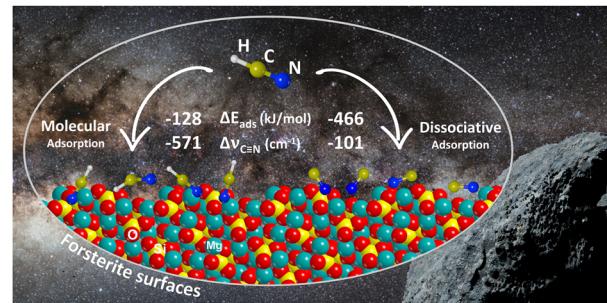


## RESEARCH PAPERS

26797

**Adsorption of HCN on cosmic silicates: a periodic quantum mechanical study**

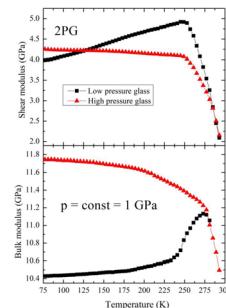
Niccolò Bancone, Stefano Pantaleone, Piero Ugliengo, Albert Rimola\* and Marta Corno\*



26813

**Thermobaric history as a tool to govern properties of glasses: case of dipropylene glycol**

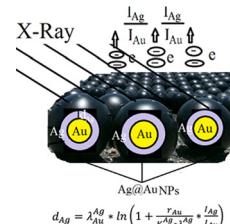
Igor Danilov,\* Elena Gromnitskaya and Vadim Brazhkin



26820

**A simple equation to determine the shell thicknesses of core–shell nanoparticles based on XPS data of their elemental composition**

Alexey T. Kozakov,\* Anton A. Skriabin and Niranjan Kumar

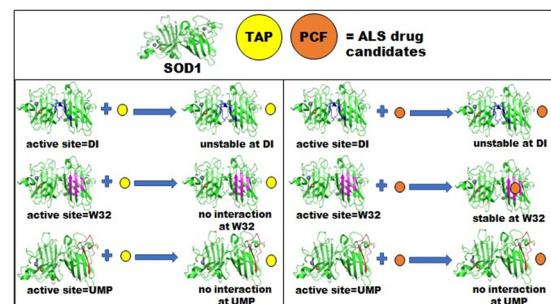


A simple equation is obtained for determining the shell thickness of core–shell nanoparticles based on XPS data

26833

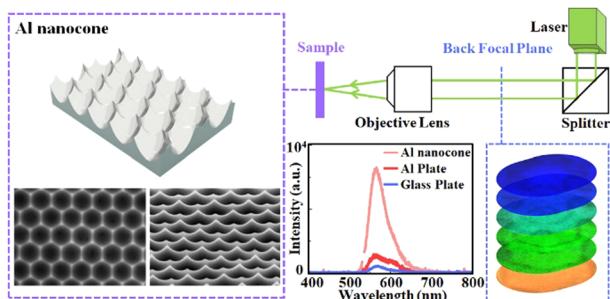
***In silico* analysis of SOD1 aggregation inhibition modes of tertiary amine pyrazolone and pyrano coumarin ferulate as ALS drug candidates**

Aziza Rahman, Bondeepa Saikia and Anupaul Baruah\*



## RESEARCH PAPERS

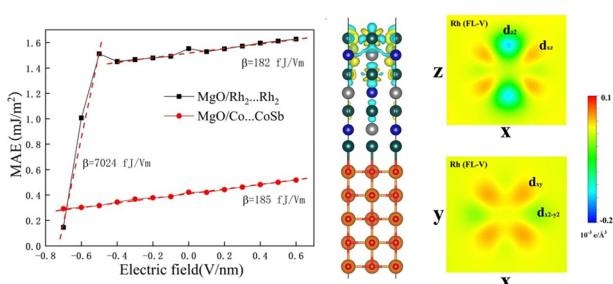
26847



### Surface lattice resonances enhanced directional amplified spontaneous emission on plasmonic honeycomb nanocone array

Dongda Wu, Yi Wang,\* Jiamin Xiao, Jiang Hu, Xuchao Zhao, Yuhao Gao, Jiazhi Yuan and Wenxin Wang\*

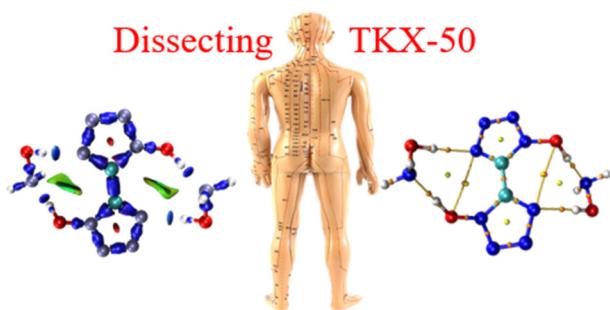
26853



### Giant unilateral electric-field control of magnetic anisotropy in MgO/Rh<sub>2</sub>CoSb heterojunctions

Shiming Yan, Yue Hu, Deyou Jin, Ru Bai, Wen Qiao\* and Tiejun Zhou\*

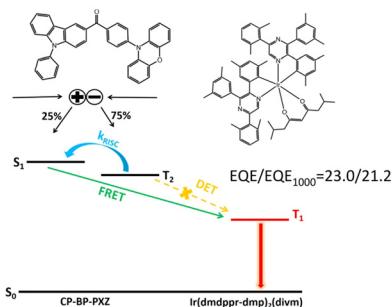
26861



### Theoretical study on intra-molecule interactions in TKX-50

Chunhai Yang,\* Xue Li,\* Ning Zhou, Hui long Dong,\* Xiliu Hu, Junxun Jin, Tao Huang and Jinhui Wang

26878



### Exciton dynamics of an aggregation-induced delayed fluorescence emitter in non-doped OLEDs and its application as host for high-efficiency red phosphorescent OLEDs

Hanlin Li, Chengwei Lin, Yibing Wu, Xianfeng Qiao, Dezhi Yang, Yanfeng Dai, Qian Sun, Tansir Ahamad, Zhujin Zhao\* and Dongge Ma\*

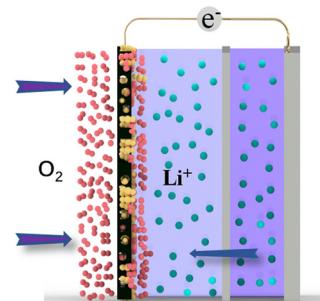


## RESEARCH PAPERS

26885

**Cobalt-doped tin disulfide catalysts for high-capacity lithium–air batteries with high lifetime**

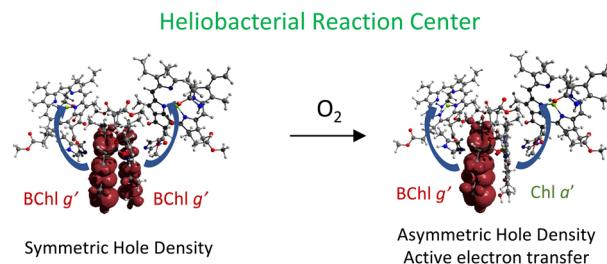
Jie Li, Yuzhi Shi, Junhai Wang, Qianhe Liu, Lihua Luan, Qiang Li, Qinghao Cao, Tianyu Zhang and Hong Sun\*



26894

**Electronic structure and energetics of a heterodimeric BChl *g'*/Chl *a'* special pair generated by exposure of *HelioMicrobium modesticaldum* to dioxygen**

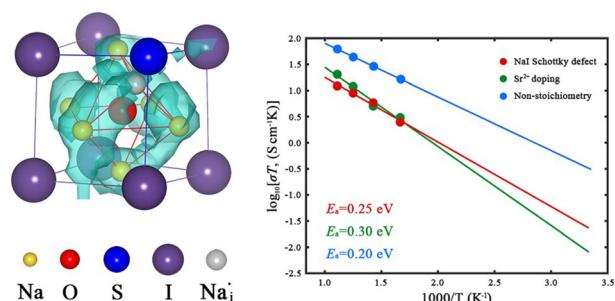
Divya Kaur,\* Bryan Ferlez, Patrick Landry, Till Biskup, Stefan Weber, John H. Golbeck,\* K. V. Lakshmi\* and Art van der Est\*



26906

**Investigation of the sodium-ion transport mechanism and elastic properties of double anti-perovskite Na<sub>3</sub>S<sub>0.5</sub>O<sub>0.5</sub>I**

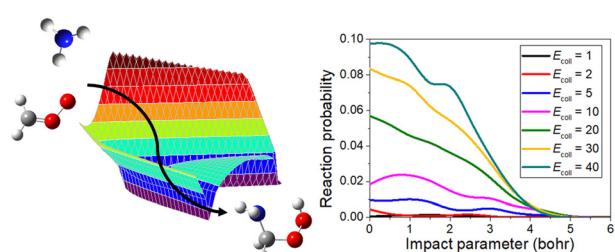
Sen Lian, Congcong Li, Chen Kang, Junfeng Ren and Meina Chen\*



26917

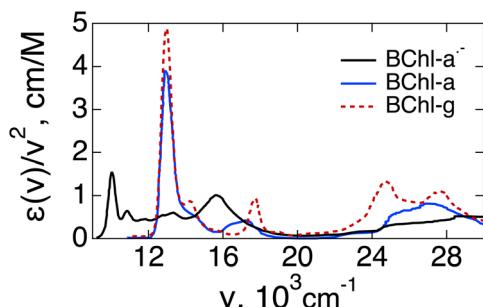
**Full-dimensional automated potential energy surface development and detailed dynamics for the CH<sub>2</sub>OO + NH<sub>3</sub> reaction**

Cangtao Yin\* and Gábor Czakó\*



## COMMENT

26923



**Comment on “Applicability of perturbed matrix method for charge transfer studies at bio/metallic interfaces: a case of azurin” by O. Kontkanen, D. Biriukov and Z. Futera, *Phys. Chem. Chem. Phys.*, 2023, 25, 12479**

Setare Mostajabi Sarhangi and Dmitry V. Matyushov\*

## CORRECTION

26929

**Correction: Induced UV photon sensing properties in narrow bandgap CdTe quantum dots through controlling hot electron dynamics**

Thankappan Thrupthika, Devaraj Nataraj,\* Subramaniam Ramya, Arumugam Sangeetha and T. Daniel Thangadurai