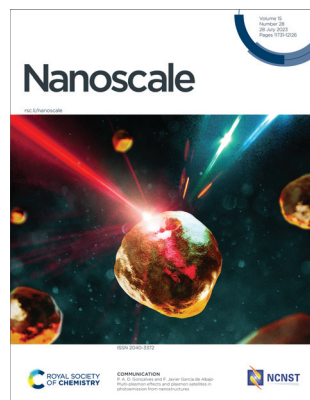


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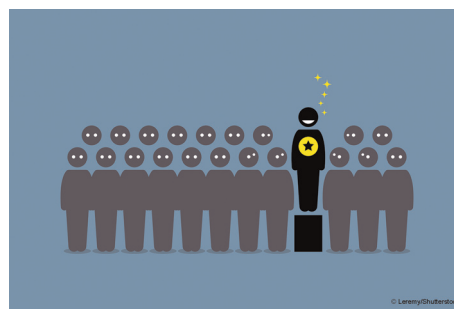
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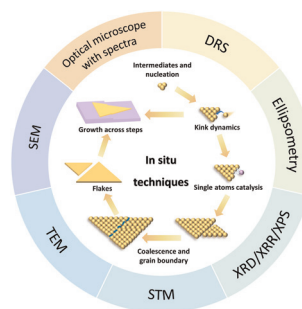


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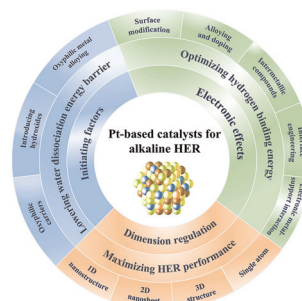
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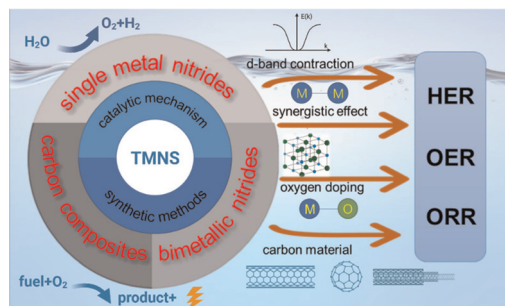


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**Advanced Pt-based electrocatalysts for the hydrogen evolution reaction in alkaline medium**Wei Ma, Xueyuan Zhang, Wenya Li, Menggai Jiao,\*  
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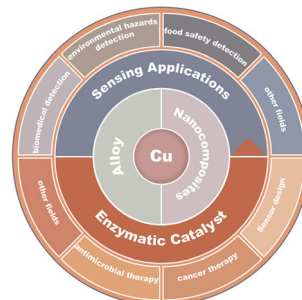
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**Recent progress in the synthesis of transition metal nitride catalysts and their applications in electrocatalysis**Zheng-Gang Yang, Hui-Min Xu, Ting-Yu Shuai,  
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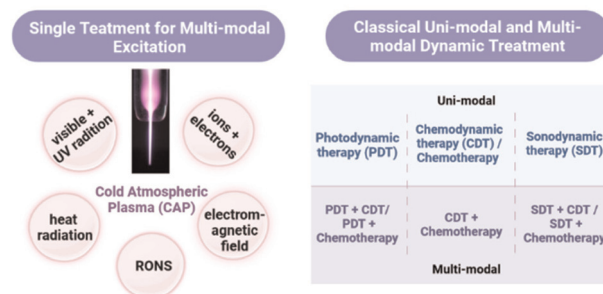
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**Copper-based biological alloys and nanocomposites for enzymatic catalysis and sensing applications**

Yaoyang Pu, Shiyue Chen, Yujun Yang\* and Xiang Mao\*

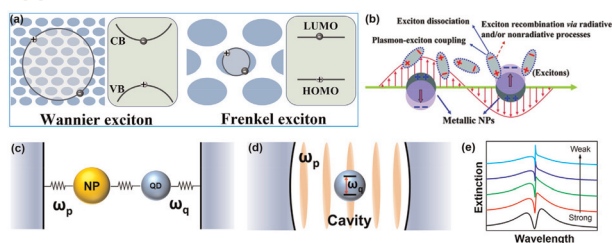


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**A review on reactive oxygen species (ROS)-inducing nanoparticles activated by uni- or multi-modal dynamic treatment for oncotherapy**Jinyong Lin, Dong Li, Changhong Li, Ziqi Zhuang,  
Chengchao Chu, Kostya (Ken) Ostrikov,  
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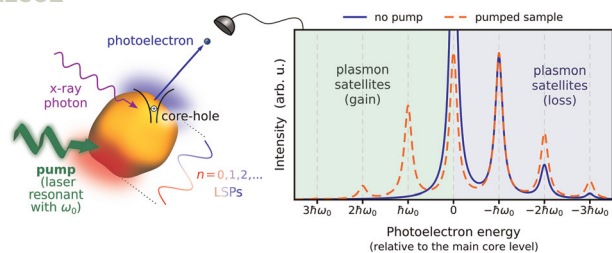


## Plexcitonics: plasmon–exciton coupling for enhancing spectroscopy, optical chirality, and nonlinearity

Yichuan Chen and Mengtao Sun\*

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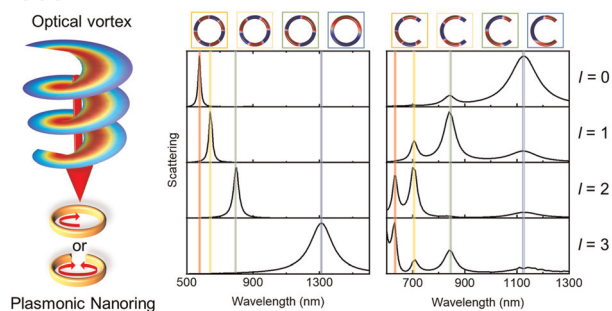
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P. A. D. Gonçalves and F. Javier García de Abajo\*

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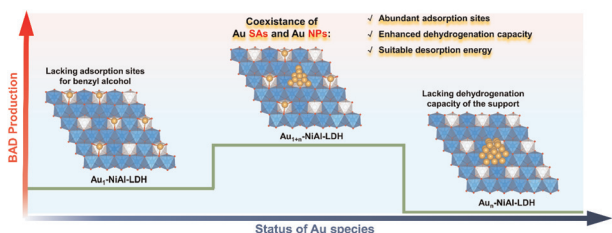


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Da-Jie Yang\* and Ji-Cai Liu\*

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Ziheng Song, Tianyang Shen, Yihang Hu, Guihao Liu, Sha Bai, Xiaoliang Sun, Si-Min Xu and Yu-Fei Song\*

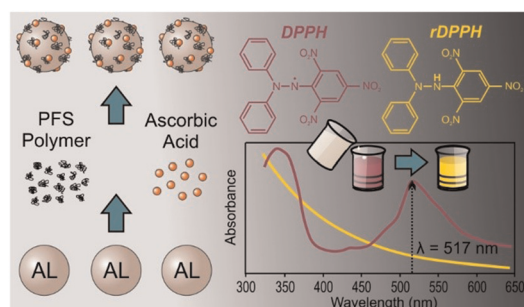


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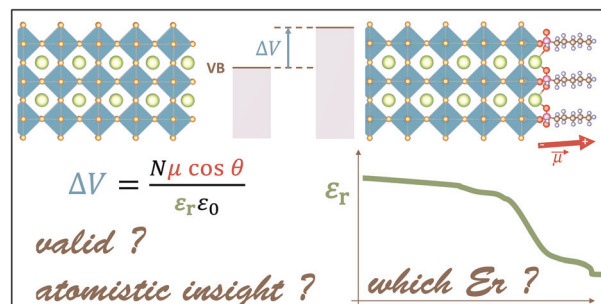
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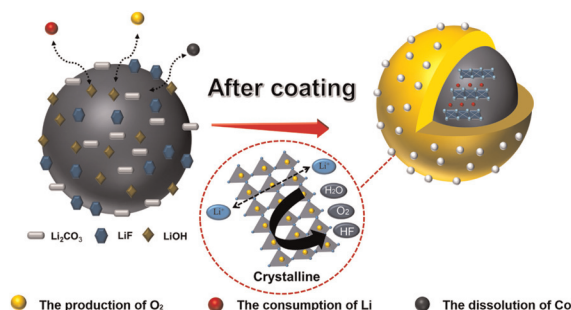
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LiCoO<sub>2</sub> cathode surface modification with optimally structured Li<sub>3</sub>PO<sub>4</sub> for outstanding high-voltage cycling performance

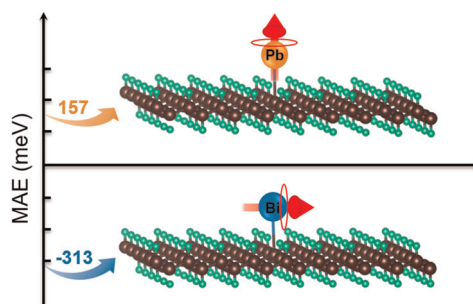
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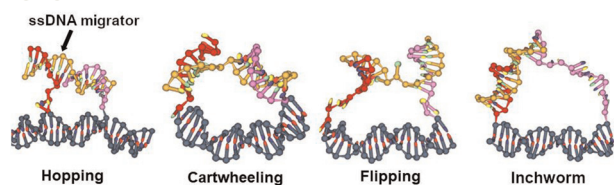
Kuan-Rong Hao, Yang Song and Lizhi Zhang\*





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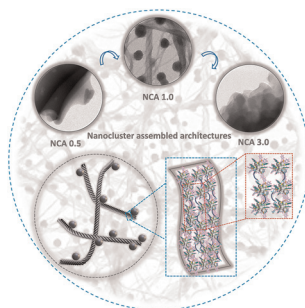
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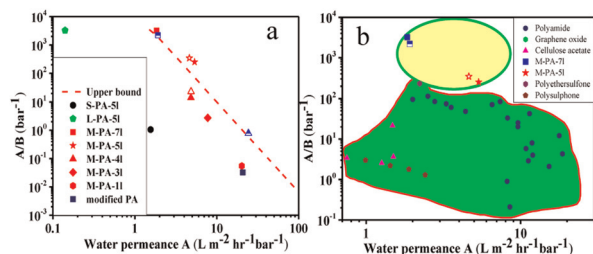
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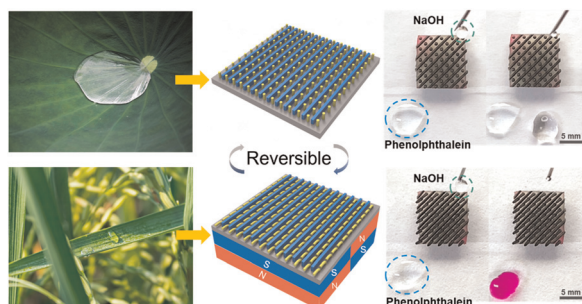
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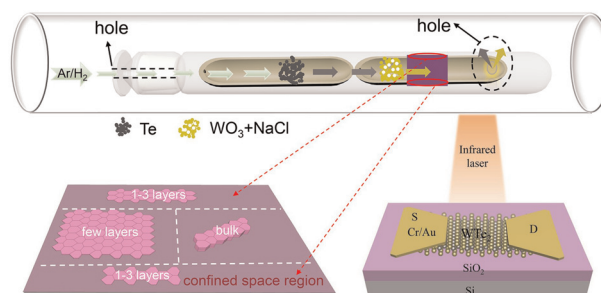


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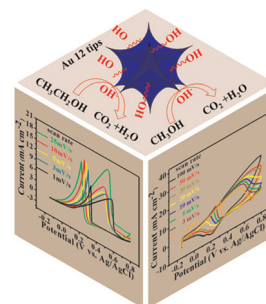
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Jiacheng Sun, Huanyu Ye, Rongming Wang and  
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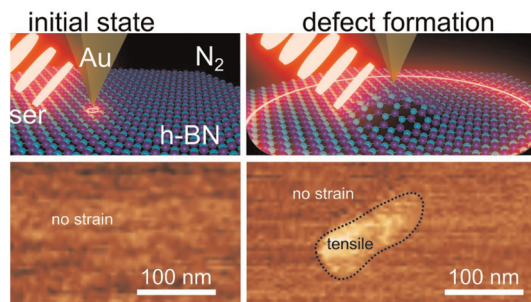
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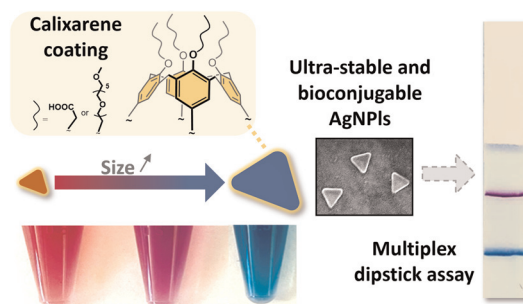
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Michael Molinari, Muhammad Sajid, Ari P. Seitsonen,  
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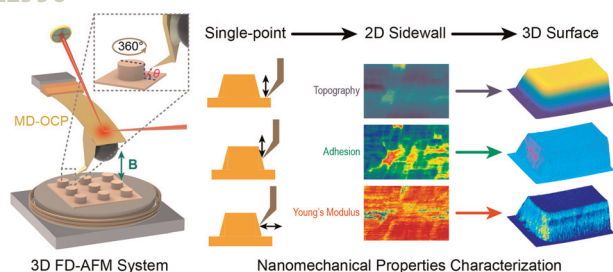
### Ultra-stable silver nanotriangles: efficient and versatile colorimetric reporters for dipstick assays

Maurice Retout, Bryan Gosselin, Amina Adrović,  
Pascale Blond, Ivan Jabin\* and Gilles Bruylants\*



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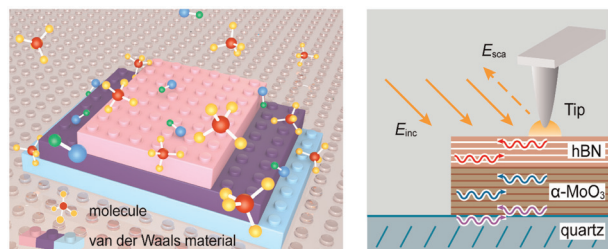
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Junyuan Geng, Hao Zhang,\* Xianghe Meng and Hui Xie\*

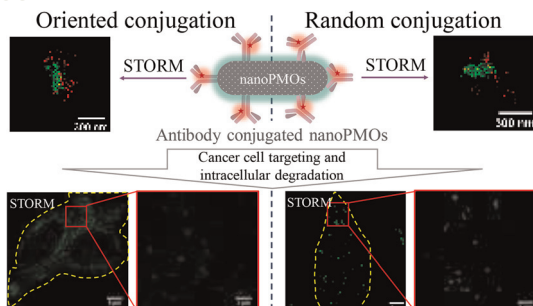
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### Phonon polaritons in van der Waals polar heterostructures for broadband strong light–matter interactions

Tianwei Qin, Weiliang Ma, Tao Wang\* and Peining Li\*

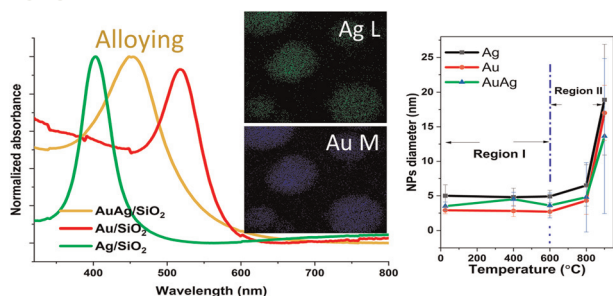
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### Super-resolution imaging of antibody-conjugated biodegradable periodic mesoporous organosilica nanoparticles for targeted chemotherapy of prostate cancer

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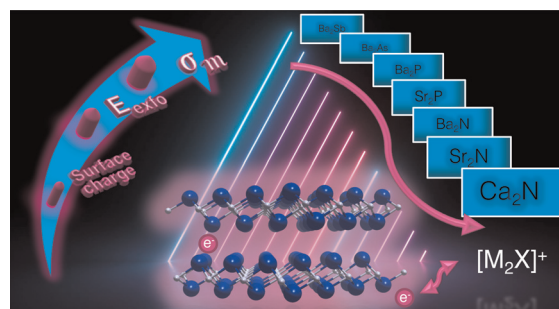


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## Periodic trends in the structural, electronic, and transport properties of electrenes

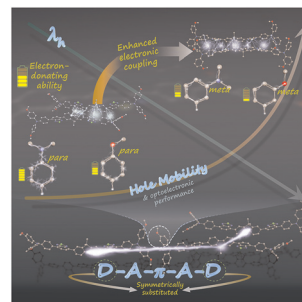
Mohammad Rafiee Diznab, Erin R. Johnson\* and Jesse Maassen\*



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Modifying a D–A– $\pi$ –A–D HTM system for higher hole mobility by the *meta*-substitution strategy to weaken the electron-donating ability of the donor unit: a DFT study

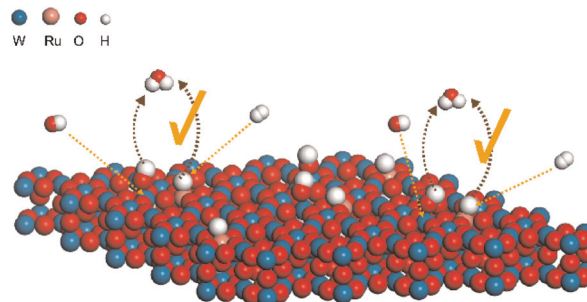
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Ru-doped  $\text{WO}_3$  enabling efficient hydrogen oxidation reaction in alkaline media

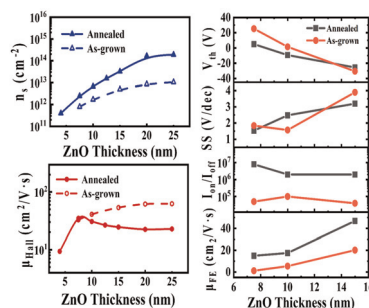
Hai Liu, Zhuang Zhang, Mengxuan Li, Yaping Li,\* Yun Kuang and Xiaoming Sun\*



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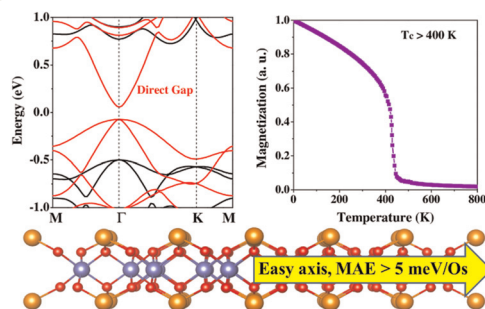
Carrier tuning of 2D electron gas in field-effect devices based on  $\text{Al}_2\text{O}_3/\text{ZnO}$  heterostructures

Xinyi Zhu, Tianbao Zhang, Yongjie He, Yuhang Liu\* and Hao Zhu\*



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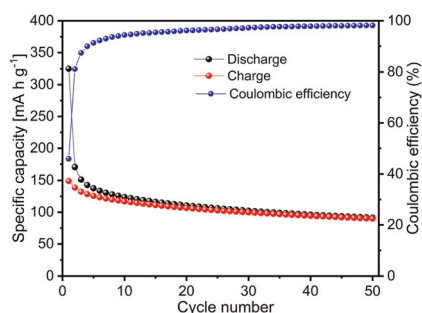
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### Two-dimensional ferromagnetic semiconductors of monolayer $\text{BiXO}_3$ ( $X = \text{Ru}, \text{Os}$ ) with direct band gaps, high Curie temperatures, and large magnetic anisotropy

Hongbo Wu, Fengxian Ma, Zhixue Tian, Ying Liu, Yalong Jiao\* and Aijun Du

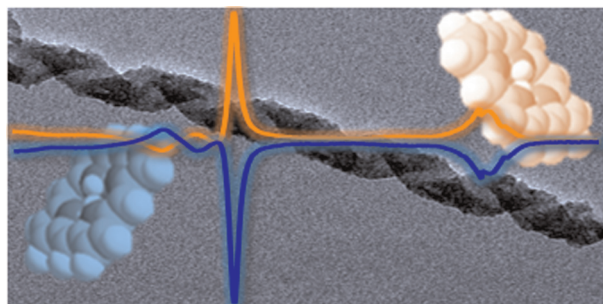
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### An ionic liquid synthesis route for mixed-phase sodium titanate ( $\text{Na}_2\text{Ti}_3\text{O}_7$ and $\text{Na}_2\text{Ti}_6\text{O}_{13}$ ) rods as an anode for sodium-ion batteries

Pooja Kumari, Yining Li and Rebecca Boston\*

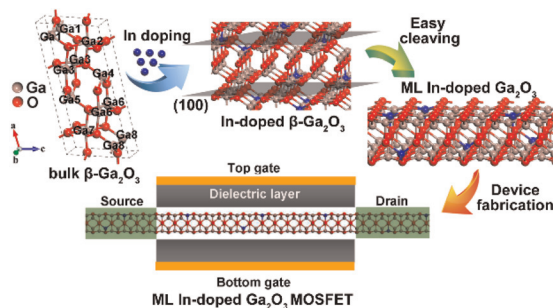
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### Indium doping-assisted monolayer $\text{Ga}_2\text{O}_3$ exfoliation for performance-enhanced MOSFETs

Penghui Li, Linpeng Dong,\* Chong Li, Bin Lu, Chen Yang, Bo Peng, Wei Wang, Yuanhao Miao\* and Weiguo Liu

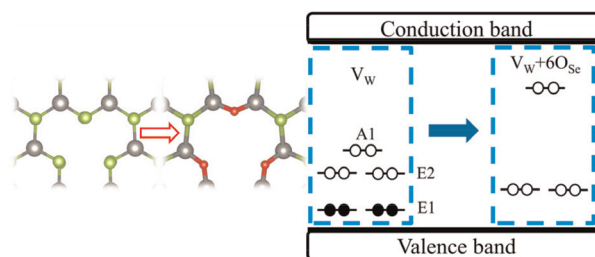


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**Origin of p-type conductivity in a WSe<sub>2</sub> monolayer**

Yu-Zhou Zhang, Guo-Jun Zhu and Ji-Hui Yang\*



## CORRECTIONS

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**Correction: Secondary ligand-induced orthogonal self-assembly of silver nanoclusters into superstructures with enhanced NIR emission**

Korath Shivan Sugi, Amritha P. Sandra, Nonappa, Debasmita Ghosh, Jyoti Sarita Mohanty, Murugesan Paulthangam Kannan, B. S. Sooraj, Pillalamarri Srikrishnarka, Jayoti Roy, Wakeel Ahmed Dar and Thalappil Pradeep\*

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**Correction: Label free localization of nanoparticles in live cancer cells using spectroscopic microscopy**

Graham L. C. Spicer, Luay Almassalha, Ignacio A. Martinez, Ronald Ellis, John E. Chandler, Scott Gladstein, Di Zhang, The-Quyen Nguyen, Seth Feder, Hariharan Subramanian, Roberto de la Rica, Sebastian A. Thompson\* and Vadim Backman\*

