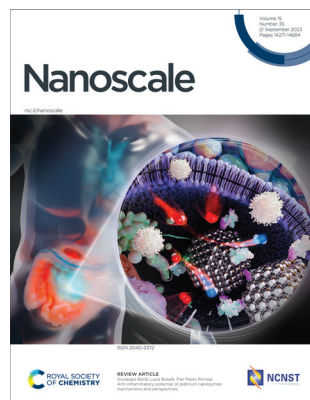


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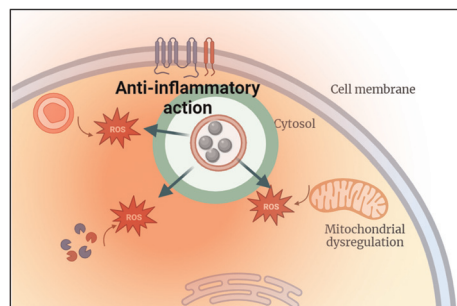
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### Anti-inflammatory potential of platinum nanozymes: mechanisms and perspectives

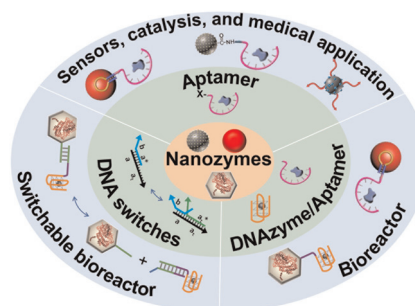
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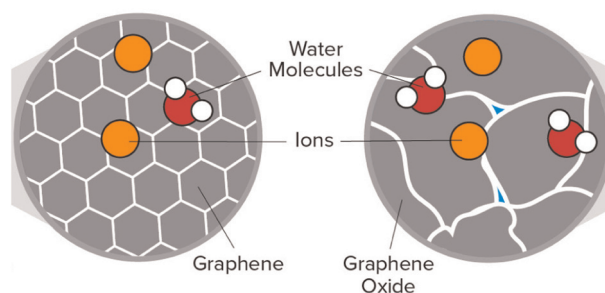


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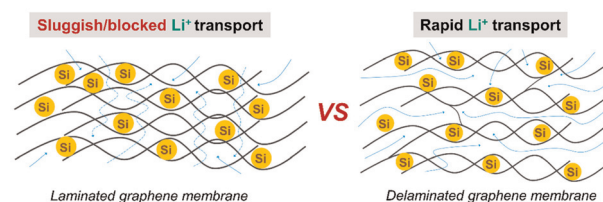


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## Scalable engineering of hierarchical layered micro-sized silicon/graphene hybrids via direct foaming for lithium storage

Mathar Hamza, Siyuan Zhang, Wenqiang Xu, Denghui Wang, Yingjie Ma\* and Xianglong Li\*

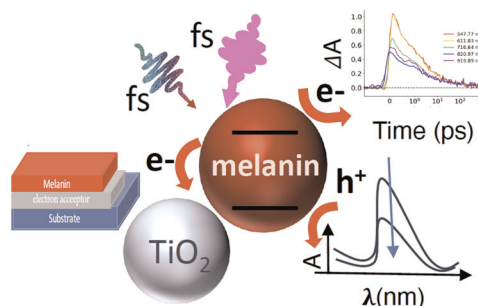


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## Enhanced photochemical activity and ultrafast photocarrier dynamics in sustainable synthetic melanin nanoparticle-based donor-acceptor inkjet-printed molecular junctions

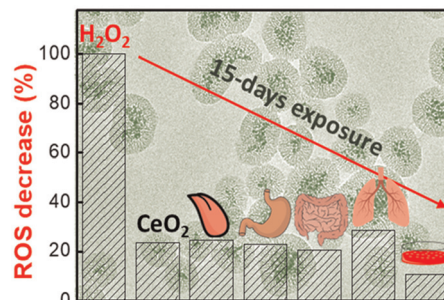
Max DeMarco, Matthew Ballard, Elinor Grage, Farnoush Nourigheimasi, Lillian Getter, Ashkan Shafiee and Elham Ghadiri\*



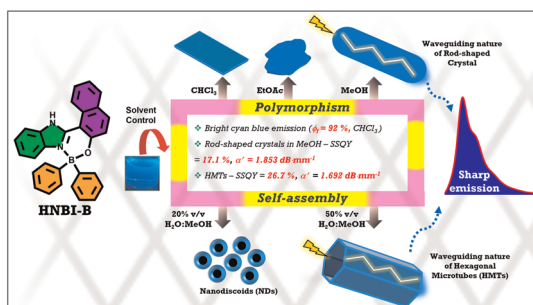
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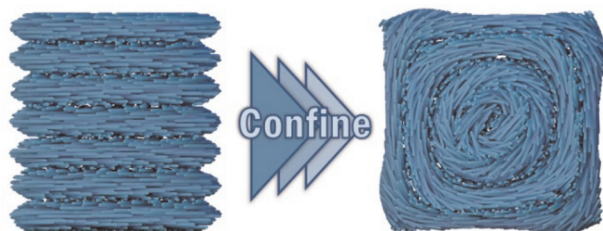
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Pradip A. Gaikwad, Prodipta Samadder, Shubham Som, Deepak Chopra,\* Prakash P. Neelakandan\* and Aasheesh Srivastava\*

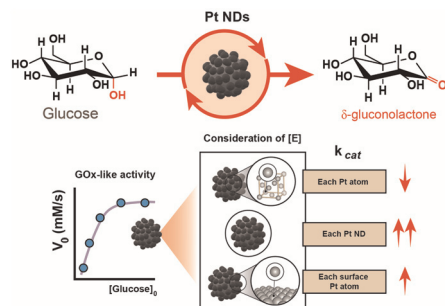
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### Self-assembly of cellulose nanocrystals confined to square capillaries

Amanda J. Ackroyd, Adam De Paolis, Yi-Tao Xu, Arash Momeni, Wadood Y. Hamad and Mark J. MacLachlan\*

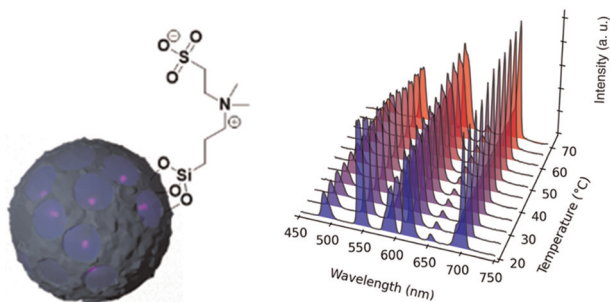
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Jose I. Garcia-Peiro, Javier Bonet-Aleta, Maria L. Tamayo-Fraile, Jose L. Hueso\* and Jesus Santamaria\*

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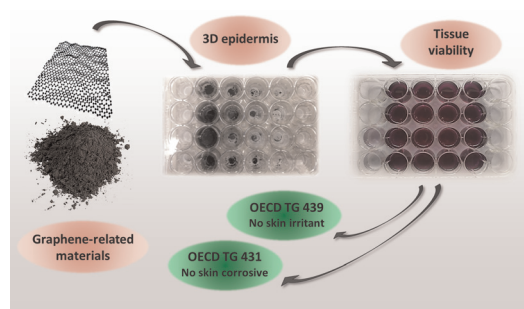


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***In vitro* assessment of skin irritation and corrosion properties of graphene-related materials on a 3D epidermis**

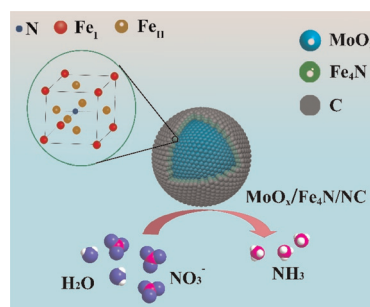
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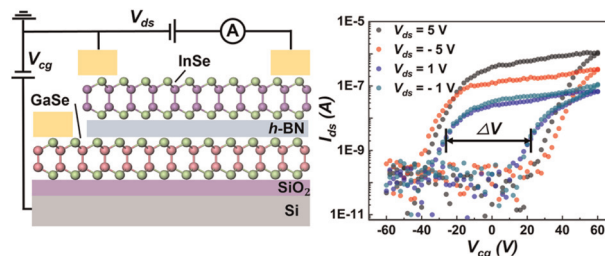
Xiaoyu Li, Ping Deng, Mengqiu Xu, Zhenbo Peng, Yuhu Zhou, Gan Jia, Wei Ye,\* Peng Gao\* and Wei Wang\*



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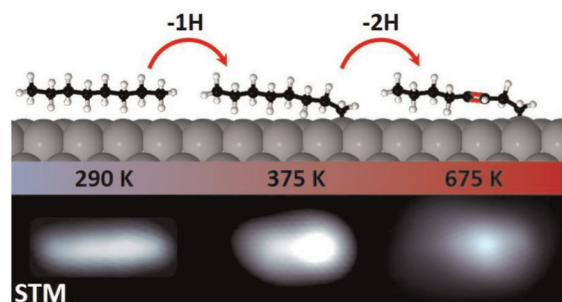
Xiang Gong, Yueying Zhou, Jiangnan Xia, Li Zhang, Lijie Zhang, Long-Jing Yin, Yuanyuan Hu,\* Zhihui Qin\* and Yuan Tian\*



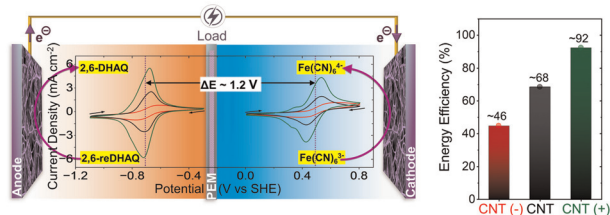
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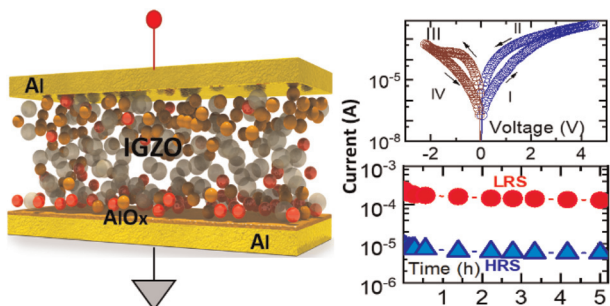
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Bhojkumar Nayak, Ritwik Mondal and Musthafa Ottakam Thotiyil\*

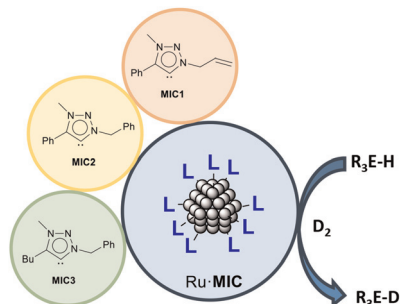
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G. R. Haripriya, Hee Yeon Noh, Chan-Kang Lee, June-Seo Kim, Myoung-Jae Lee and Hyeon-Jun Lee\*

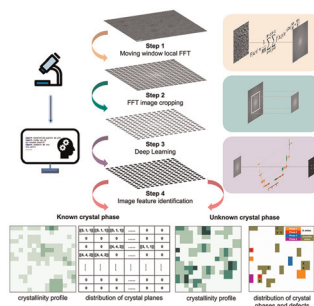
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### Deep learning-assisted analysis of HRTEM images of crystalline nanoparticles

Xiaoyang Zhu, Yu Mao, Jizi Liu, Yi Chen, Chuan Chen, Yan Li, Xiao Huang\* and Ning Gu\*

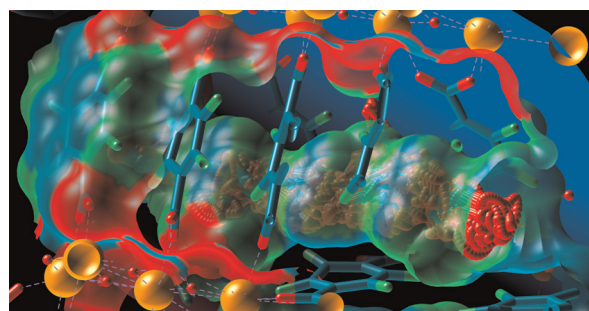


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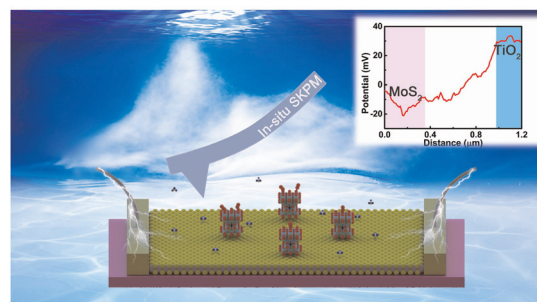
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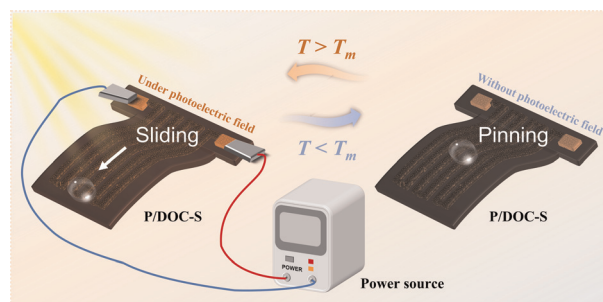
Lun Tan, Xianzhen Liu, Peng Wu, Liwei Cao, Wei Li, Ang Li,\* Zhao Wang\* and Haoshuang Gu\*



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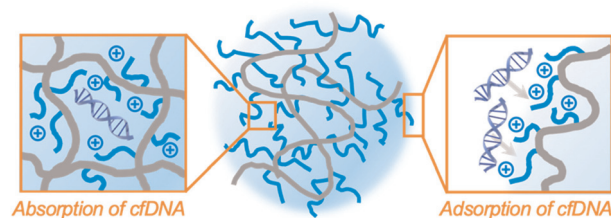
Xu Sun, Xuan Wang, Pu Guo, Lei Jiang and Liping Heng\*



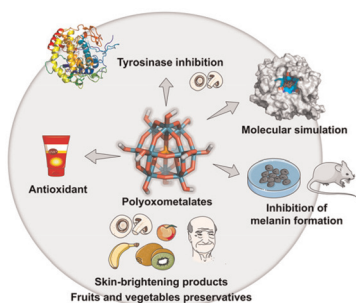
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### Nanogels designed for cell-free nucleic acid sequestration

Yuhang Huang, Shangyu Li, Logan W. C. Zettle, Yingshan Ma, Hani E. Naguib and Eugenia Kumacheva\*



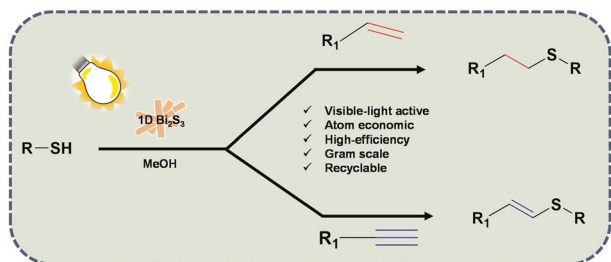
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Guoxiang Chi, Die Shuai, Jiaxin Li, Xiangsong Chen, Han Yang, Meijuan Zhao, Zedong Jiang, Li Wang\* and Bingnian Chen\*

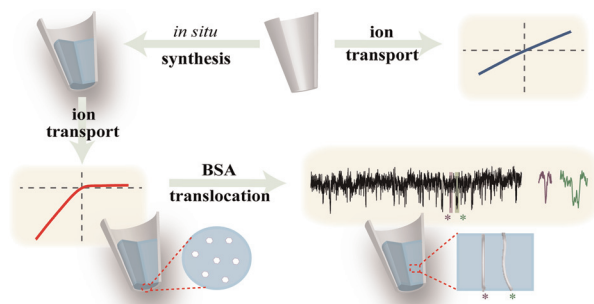
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Haider Ali, Bhagirath Mahto, Ashok Barhoi and Sahid Hussain\*

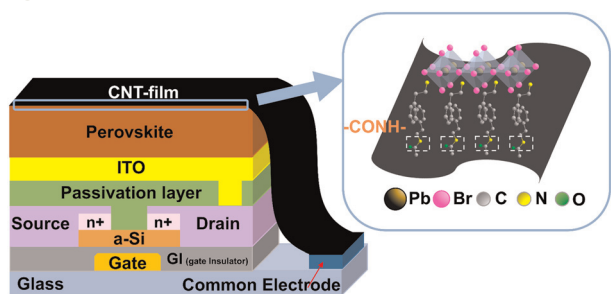
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Rui Zhang, Qiang Zeng,\* Xuye Liu and Lishi Wang\*

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Liwen Qiu, Mingqiang Wang, Tian Sun, Qiang Lou, Tong Chen, Guoshen Yang, Wei Qian, Zixuan Zhang, Shihe Yang, Min Zhang, Yufeng Jin and Hang Zhou\*



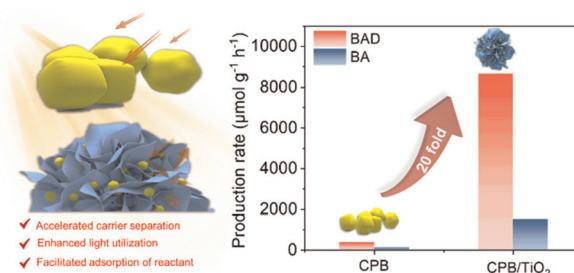


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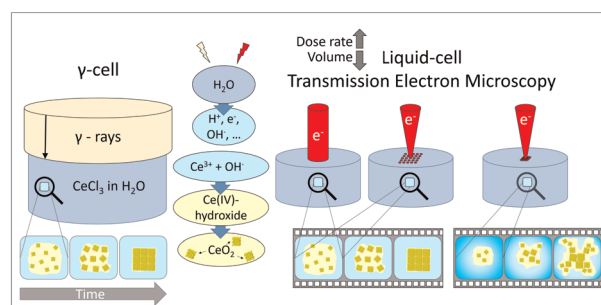
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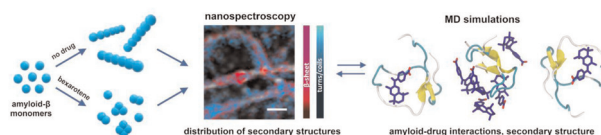
Hannes Zschiesche,\* Inna L. Soroka, Mats Jonsson and Nadezda V. Tarakina\*



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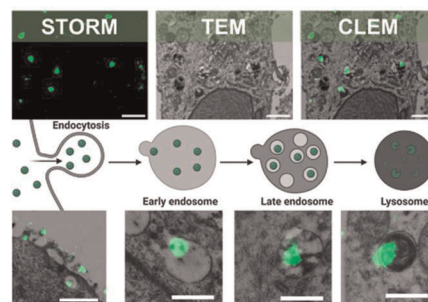
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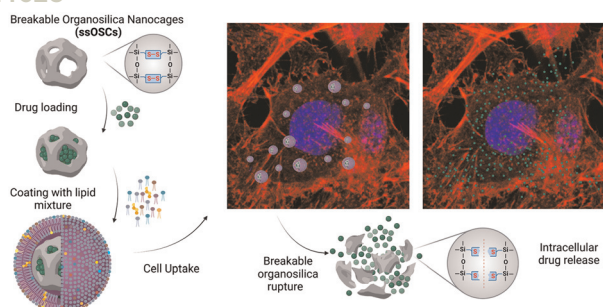
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Teodora Andrian, Yolanda Muela, Lidia Delgado, Lorenzo Albertazzi\* and Silvia Pujals\*



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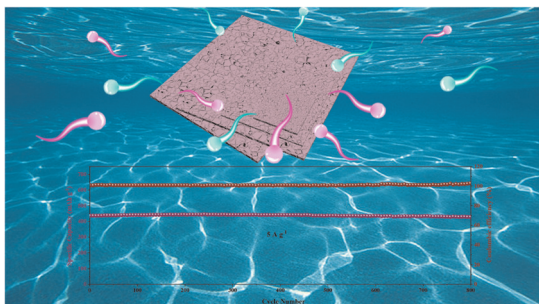
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### Cargo-loaded lipid-shielded breakable organosilica nanocages for enhanced drug delivery

María Sancho-Albero, Giada Rosso, Luisa De Cola\* and Valentina Cauda\*

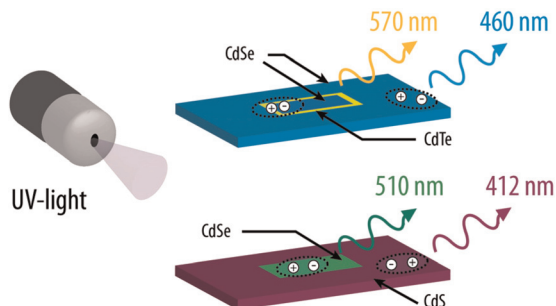
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### *In situ* Cu doping of ultralarge CoSe nanosheets with accelerated electronic migration for superior sodium-ion storage

Jitao Geng, Huilong Dong, Jing Liu, Chengkui Lv, Huaixin Wei, Yafei Cheng,\* Jun Yang\* and Hongbo Geng\*

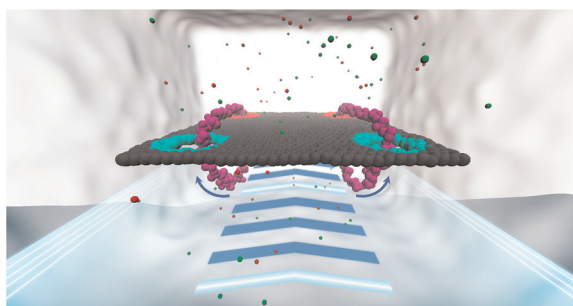
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### Expanding the color palette of bicolor-emitting nanocrystals

Corentin Dabard, Hong Po, Ningyuan Fu, Lina Makke, Henri Lehouelleur, Leonardo Curti, Xiang Zhen Xu, Emmanuel Lhuillier, Benjamin T. Diroll and Sandrine Ithurria\*

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### Nanopore actuation of a DNA-tracked nanovehicle

Wei Si,\* Xiaojing Lin, Liwei Wang, Gensheng Wu, Yin Zhang, Yunfei Chen and Jingjie Sha\*

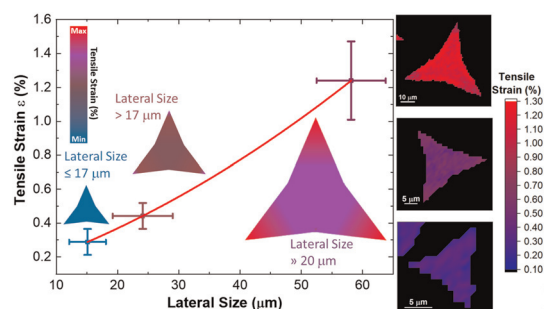


## PAPERS

14669

**Built-in tensile strain dependence on the lateral size of monolayer MoS<sub>2</sub> synthesized by liquid precursor chemical vapor deposition**

L. Seravalli, F. Esposito, M. Bosi, L. Aversa, G. Trevisi, R. Verucchi, L. Lazzarini, F. Rossi and F. Fabbri\*



## CORRECTIONS

14679

**Correction: Ion and water adsorption to graphene and graphene oxide surfaces**

Amanda J. Carr,\* Seung Eun Lee and Ahmet Uysal

14680

**Correction: *In situ* observation of the on-surface thermal dehydrogenation of *n*-octane on Pt(111)**

Daniel Arribas, Víctor Villalobos-Vilda, Ezequiel Tosi, Paolo Lacovig, Alessandro Baraldi, Luca Bignardi, Silvano Lizzit, José Ignacio Martínez, Pedro Luis de Andres, Alejandro Gutiérrez, José Ángel Martín-Gago and Pablo Merino\*

14681

**Correction: Probing antiferromagnetism in exfoliated Fe<sub>3</sub>GeTe<sub>2</sub> using magneto-transport measurements**

Stasiu T. Chyczewski,\* Ji Shi, Hanwool Lee, Paolo F. Ferrari, Kai Xu, Arend M. van der Zande and Wenjuan Zhu\*

