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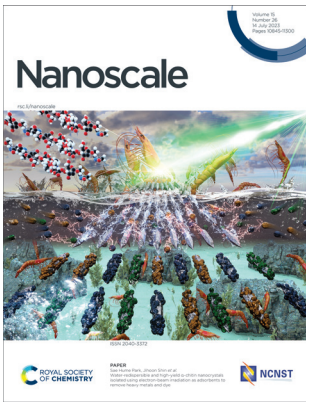

Cover
See Sae Hume Park, Jihoon Shin *et al.*, pp. 10990–11004.

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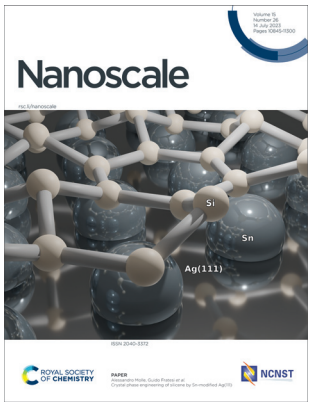

Inside cover
See Alessandro Molle, Guido Fratesi *et al.*, pp. 11005–11012.

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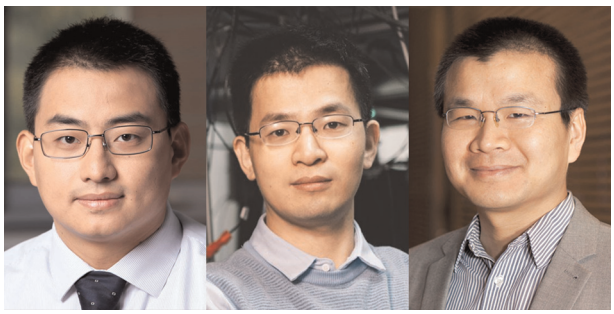
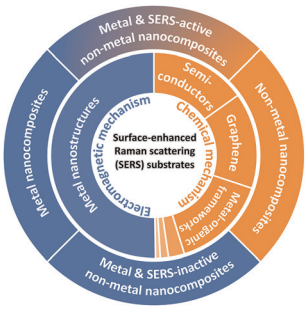
EDITORIAL



REVIEWS



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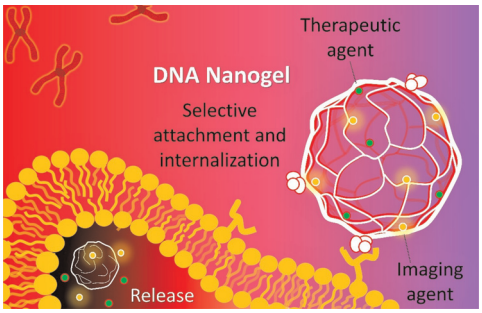

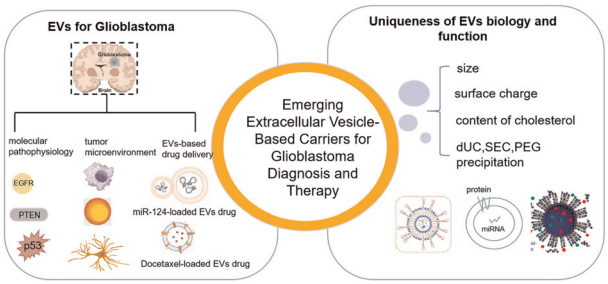

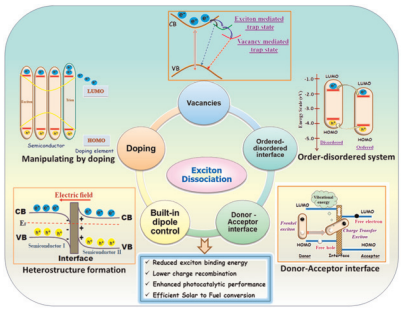

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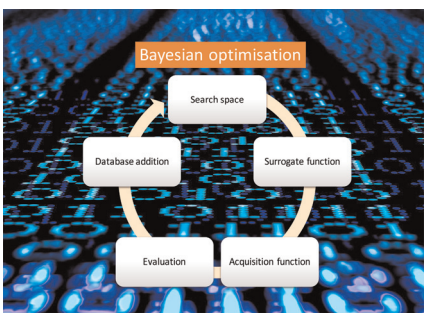

COMMUNICATION

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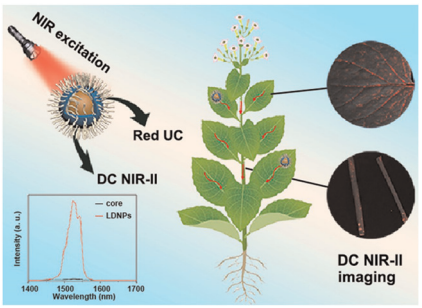
Optimized core–shell lanthanide nanoparticles with ultrabright Ce^{3+}-modulated second near-infrared emission for "lighting" plants

Jikun Wang, Chunsheng Li, Yujie Cui, Qiang Wang, Jin Ye, Jie Yang, Zhongyuan Liu, Su Zhang, Yujie Fu* and Jiating Xu*



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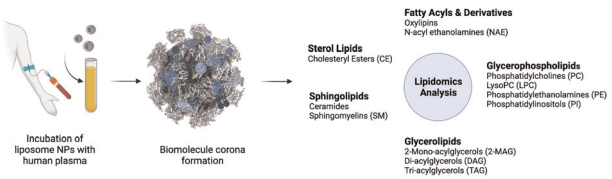
The lipidomic profile of the nanoparticle-biomolecule corona reflects the diversity of plasma lipids

Lana Papafilippou, Anna Nicolaou,* Alexandra C. Kendall, Dolores Camacho-Muñoz and Marilena Hadjidemetriou*



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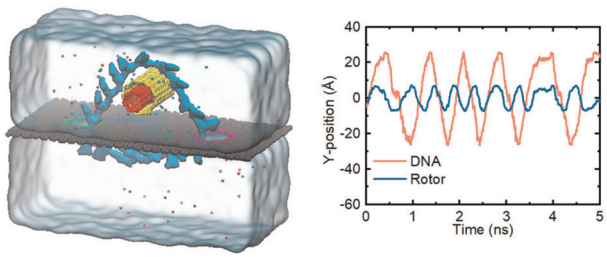
Precise control of CNT-DNA assembled nanomotor using oppositely charged dual nanopores

Chaofan Ma, Wei Xu, Wei Liu, Changhui Xu, Wei Si* and Jingjie Sha*



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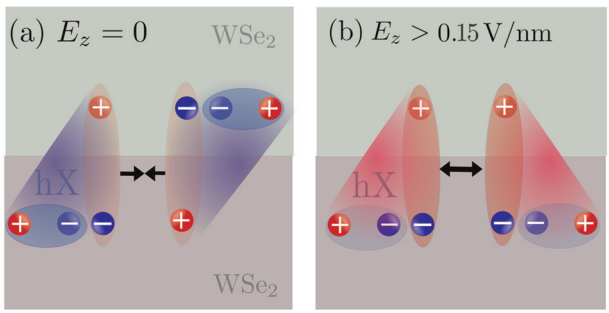
Electrically tunable dipolar interactions between layer-hybridized excitons

Daniel Erkensten,* Samuel Brem, Raül Perea-Causín, Joakim Hagel, Fedele Tagarelli, Edoardo Lopriore, Andras Kis and Ermin Malic*



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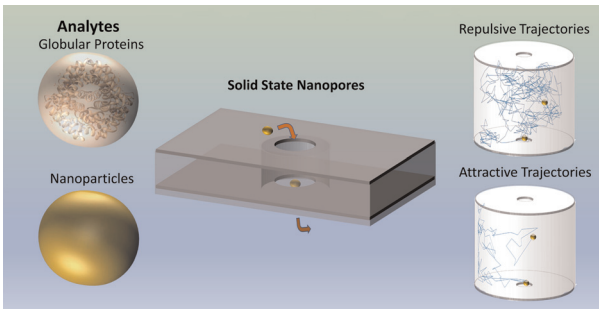

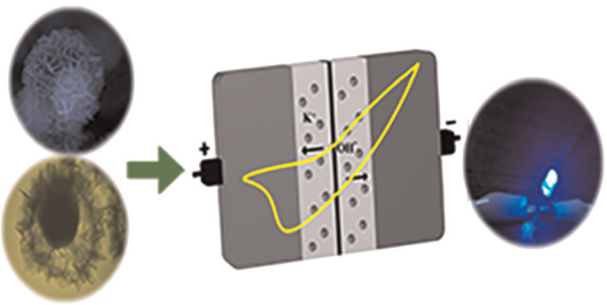

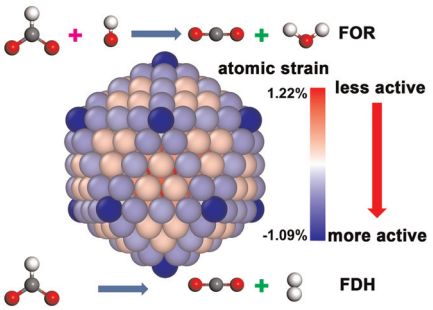

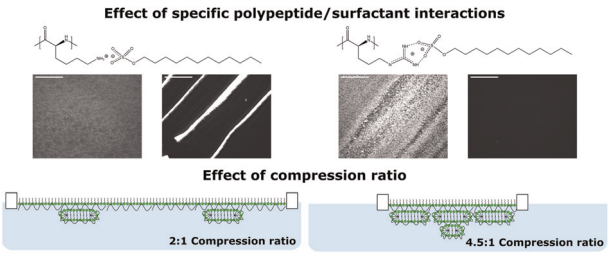

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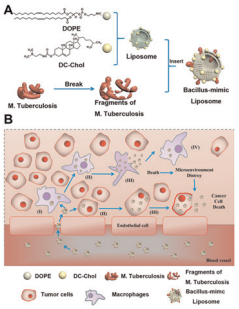
Preparation of Bacillus-mimic liposomes destroying TAMs for the treatment of cancer

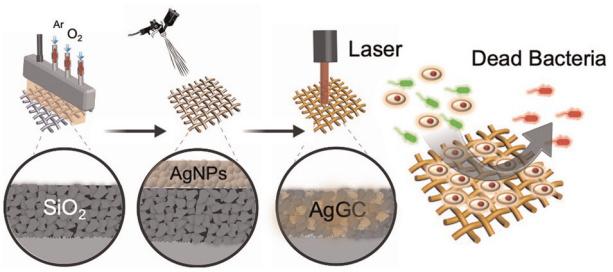
Yanan Li, Zichao Yan, Hailin Cong,* Tingting Han, Bing Yu* and Youqing Shen



11209

Non-destructive processing of silver containing glass ceramic antibacterial coating on polymeric surgical mesh surfaces

Amin Zareei, Venkat Kasi, Allison Thornton, Ulisses Heredia Rivera, Manoj Sawale, Murali Kannan Maruthamuthu, Zihao He, Juliane Nguyen, Haiyan Wang, Dharmendra K. Mishra and Rahim Rahimi*



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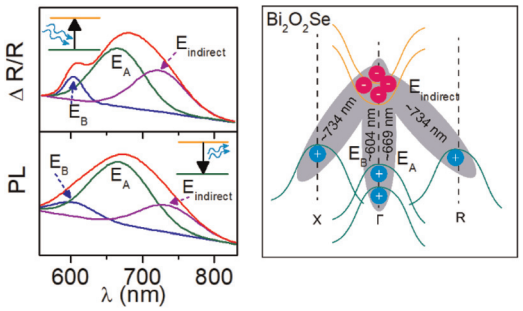
Room temperature exciton formation and robust optical properties of CVD-grown ultrathin Bi_2O_2Se crystals on arbitrary substrates

Md Tarik Hossain, Tadasha Jena, Upasana Nath, Manabendra Sarma and P. K. Giri*



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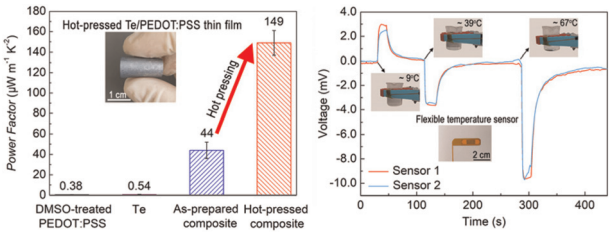
Flexible Te/PEDOT:PSS thin films with high thermoelectric power factor and their application as flexible temperature sensors

Ming Li, Yucheng Xiong, Haoxiang Wei, Fengju Yao, Yang Han, Yanjun Du and Dongyan Xu*



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Giant coercivity enhancement in a room-temperature van der Waals magnet through substitutional metal-doping

Hyo-Bin Ahn, Soon-Gil Jung, Hyungjong Lim, Kwangsu Kim, Sanghoon Kim, Tae-Eon Park, Tuson Park* and Changgu Lee*