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Cover
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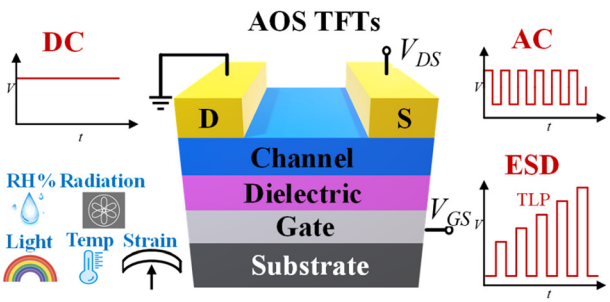
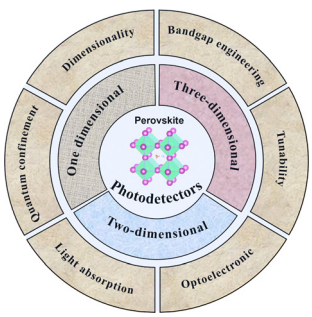
REVIEWS





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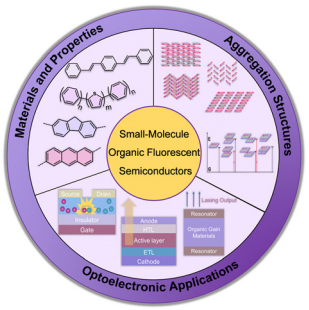

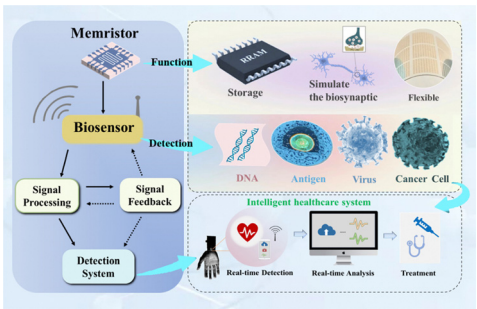

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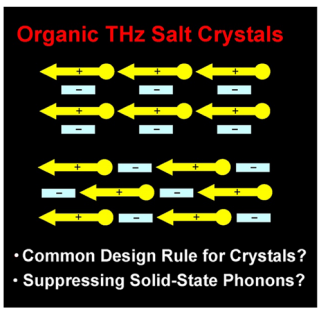
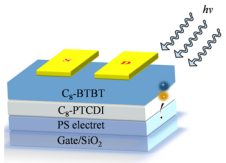
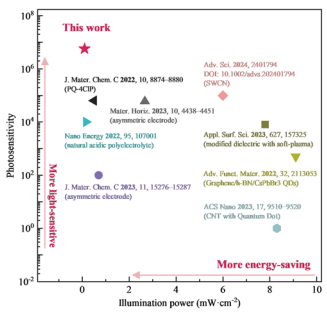


COMMUNICATIONS





COMMUNICATIONS

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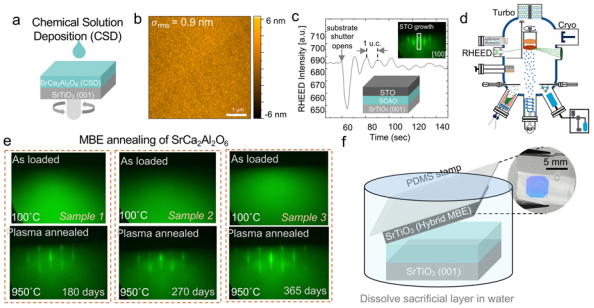
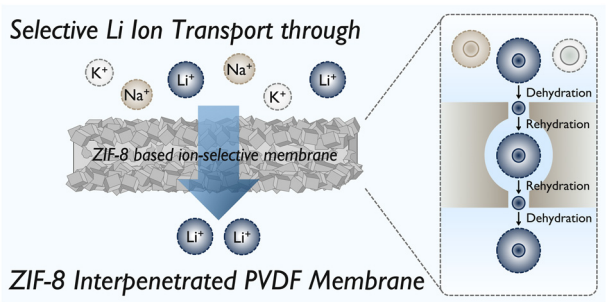


Epitaxially grown single-crystalline $SrTiO_3$ membranes using a solution-processed, amorphous $SrCa_2Al_2O_6$ sacrificial layer

Shivasheesh Varshney,* Martí Ramis, Sooho Choo, Mariona Coll and Bharat Jalan*

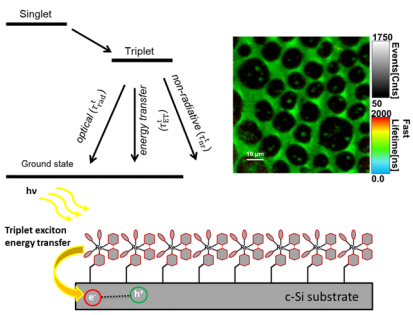
13816



Selective Li ion transport *via* interpenetrated crystal growth on ZIF-8 seeded nanocomposite membranes

Benjamin Clayville, Ji Yong Choi, Christian Wagner, William Warren and Jihye Park*

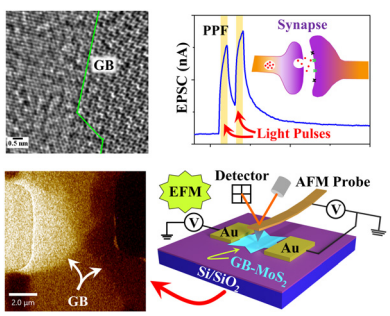
13822



Efficient triplet exciton phosphorescence quenching from a rhenium monolayer on silicon

William H. Banks, Michael P. Coogan, Tom Markvart and Lefteris Danos*

13827



Grain boundary effect unveiled in monolayer MoS_2 for photonic neuromorphic applications

Navaneeth Krishnan K, Sandaap Sathyanarayana and Bikas C. Das*

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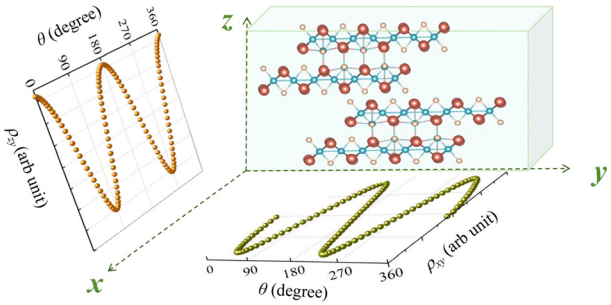

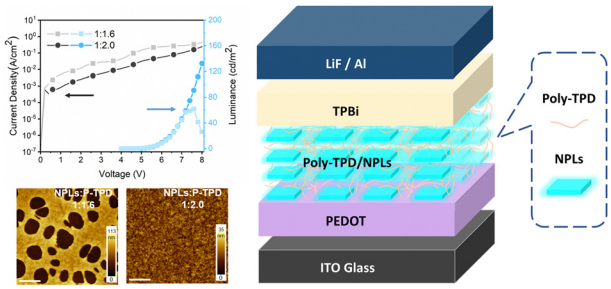

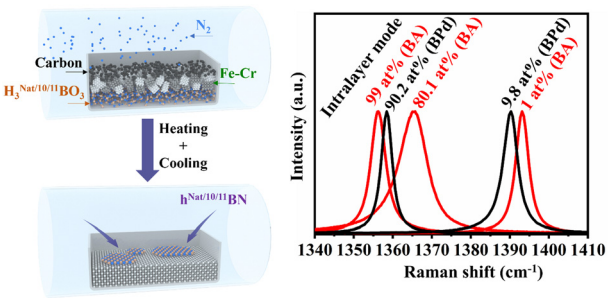

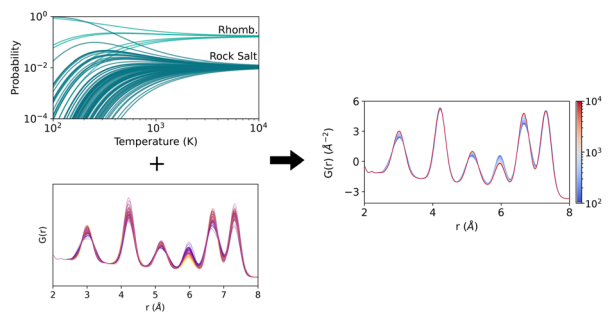

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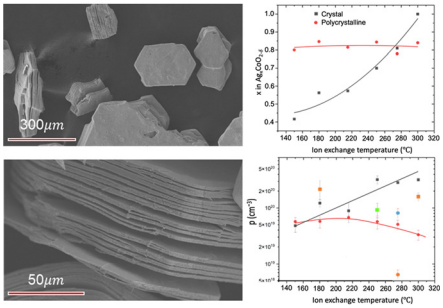

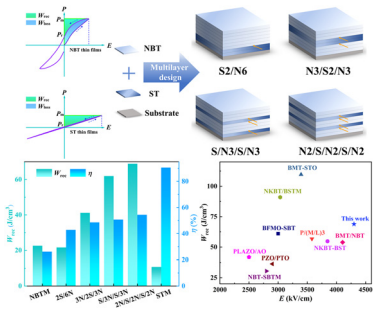

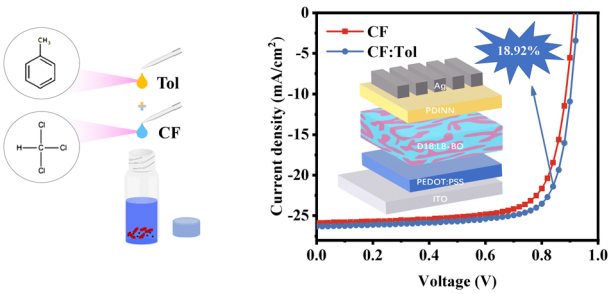

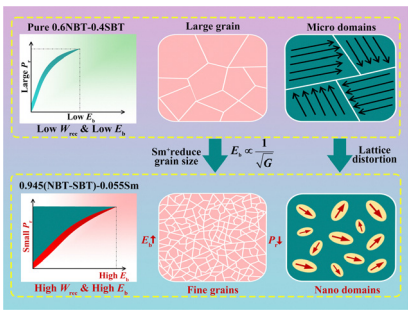

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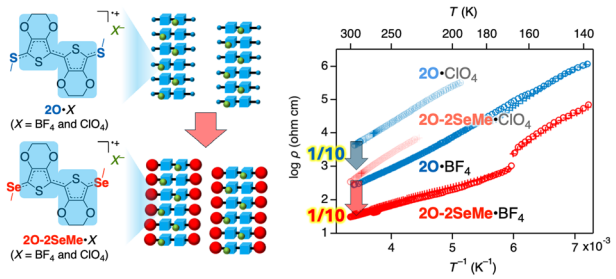
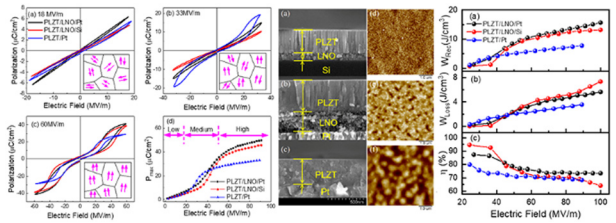


Higher conductivity in doped ethylenedioxythiophene (EDOT) dimers with chalcogen-substituted end groups

Kota Onozuka, Tomoko Fujino,* Tatsuya Miyamoto, Takashi Yamakawa, Hiroshi Okamoto, Hiroshi Akiba, Osamu Yamamuro, Eiichi Kayahara, Shigeru Yamago, Hiroshi Oike and Hatsumi Mori*

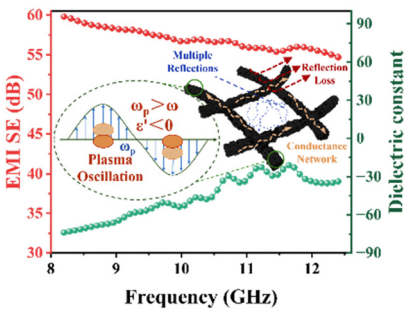
13966



Improvement of the energy storage performance of antiferroelectric Pb,La(Zr,Ti)O_3 thin films by the $LaNiO_3$ buffer layer on the metal electrode

Zixin Cao, Yawei Li,* Liyan Shang,* Kai Jiang, Liangqing Zhu and Zhigao Hu

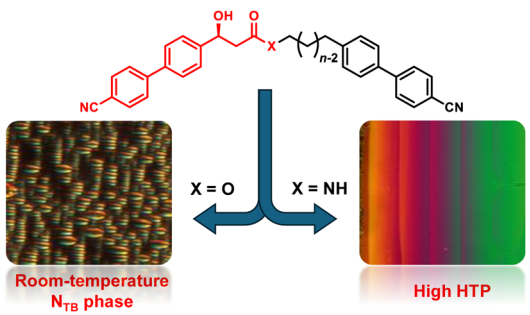
13974



Negative permittivity enhanced reflection and adsorption of electromagnetic waves from carbon fiber felt/carbon nanotubes

Jingyu Bi, Zhihao Sun, Zihao Guo, Shaoyao Tian, Guangshen Li and Lei Qian*

13985



Chiral cyanobiphenyl dimers – significance of the linking group for mesomorphic properties and helical induction

Antonija Ožegović, Jordan Hobbs, Richard Mandle, Andreja Lesac and Anamarija Knežević*

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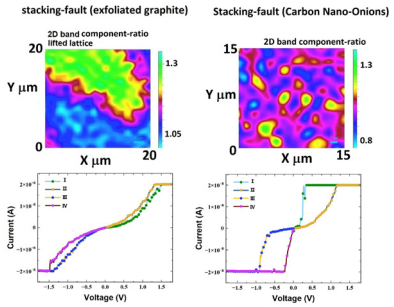

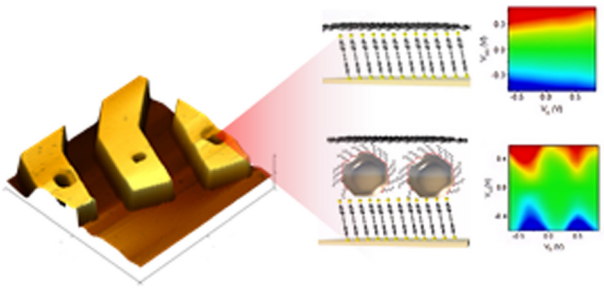

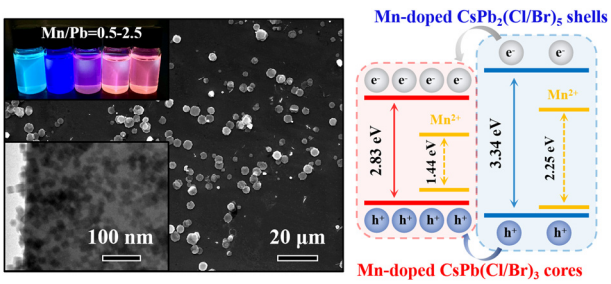

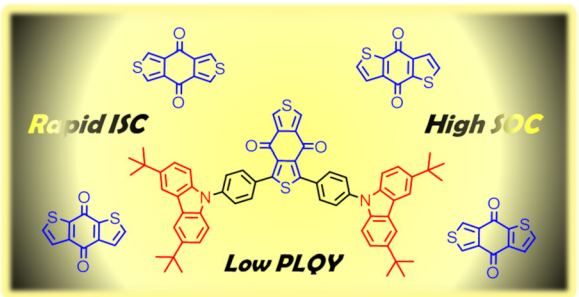

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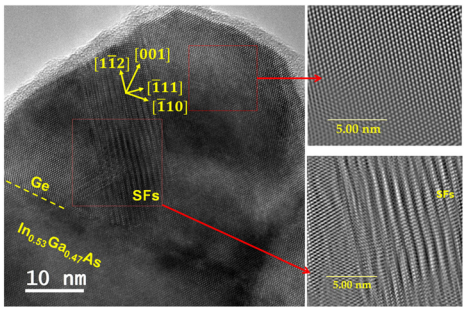

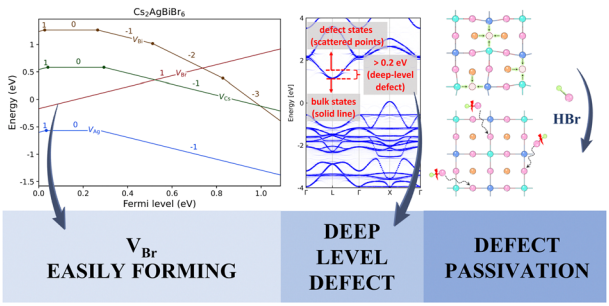

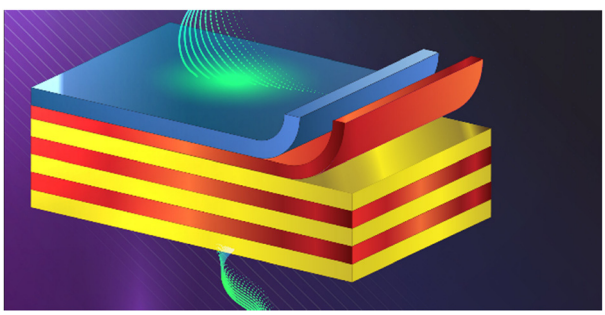

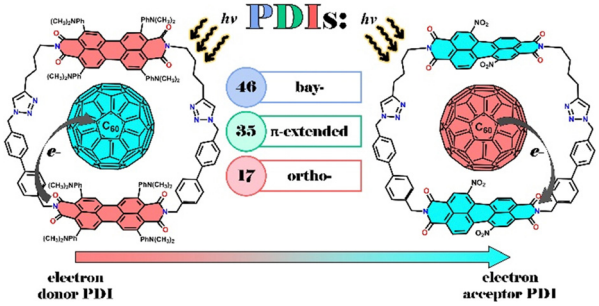

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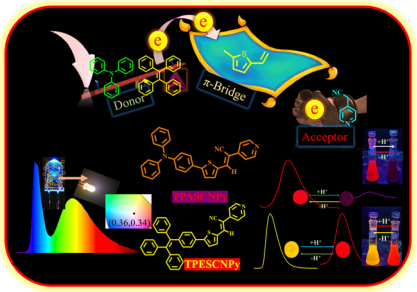

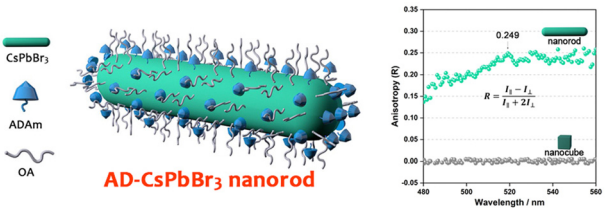

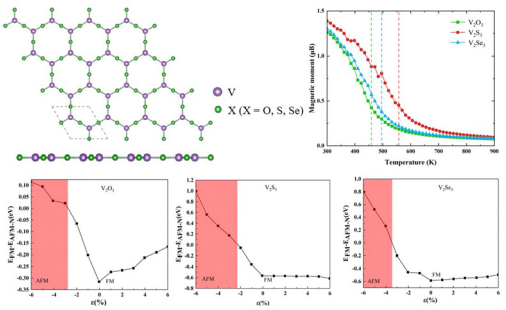

EXPRESSION

CORRECTIONS

14181

Correction: Laser assisted photocatalytic reduction of metal ions by graphene oxide

Sherif Moussa, Garrett Atkinson, M. SamyEl-Shall,* Ahmed Shehata, Khaled M. AbouZeid and Mona B. Mohamed

14183

Correction: Construction of energy transfer channels from $[SbCl_6]^{3-}$ to Ln^{3+} (Ln^{3+} = Ho^{3+}, Er^{3+}) in $Cs_2NaGdCl_6$ for advanced anti-counterfeiting materials

Yanyang Li, Huimin Du, Yue Ma, Meifang Liu, Jian Zou, Shentang Wang, Jun Yang,* Shanshan Hu* and Jun Lin*