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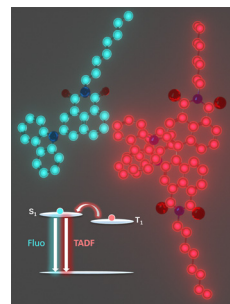


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A binaphthalimide motif as a chiral scaffold for thermally activated delayed fluorescence with circularly polarized luminescence activity

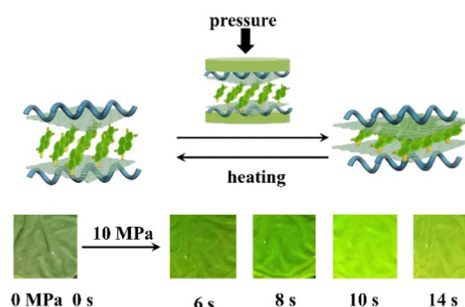
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5979

A metastable molecular array guided by the synergy of confinement and charge repulsion for piezochromic sensors

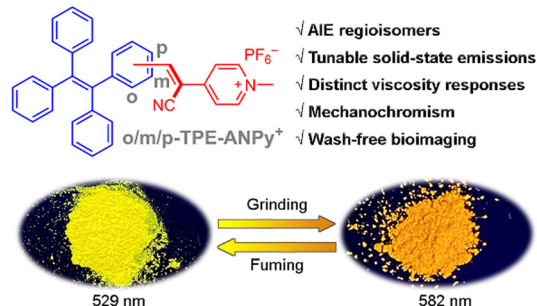
Jing Liu, Ruixing Wang, Xinrui Wang, Kaixiang Liang, Wenying Shi* and Chao Lu



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Cationic tetraphenylethylene-based AIE-active acrylonitriles: investigating the regioisomeric effect, mechanochromism, and wash-free bioimaging

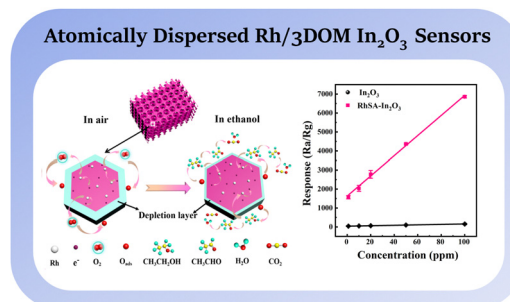
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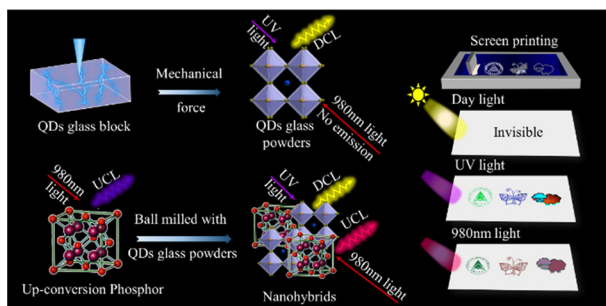
Atomically dispersed rhodium on ordered macroporous In_2O_3 for the highly sensitive detection of ethanol and the sensing mechanism

Fubo Gu, Lanlan Zhang, Song Hong, Dongmei Han and Zhihua Wang*



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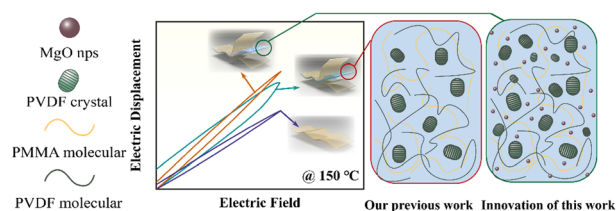
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Nanohybrids with switchable multicolour emission for anticounterfeiting

Yongmin Duan, Siyuan Fu, Zehui Wang, Shiqing Xu and Junjie Zhang*

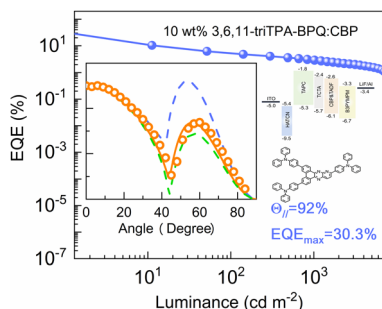
6010



Achieving high energy density at a low electric field of high-temperature sandwich-structured polymer dielectric composite by PVDF crystallinity regulation

Tianran Zhang, Qinzhaoh Sun, Zepeng Wang, Ruirui Kang, Fang Kang, Rong Xue, Jiping Wang* and Lixue Zhang*

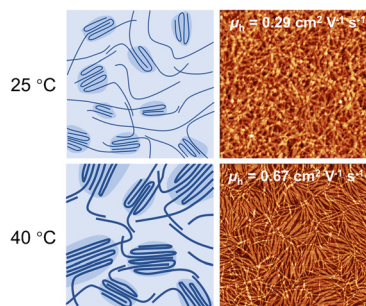
6018



An electroluminescence efficiency of 30.3% for a yellow thermally activated delayed fluorescence emitter with a high horizontal emitting dipole ratio

Yan-Qing Tang, Jing-Xiong Zhou, Yan-Qing Li,* De-Zhi Yang, Xin-Yi Zeng, Kai Zhang, Yi-Hui He, Hao Ren, Dong-Ge Ma* and Jian-Xin Tang*

6026



Structural control of charge transport in polymer monolayer transistors by a thermodynamically assisted dip-coating strategy

Chenming Ding, Junyang Deng, Miao Cheng, Mengmeng Li* and Ling Li

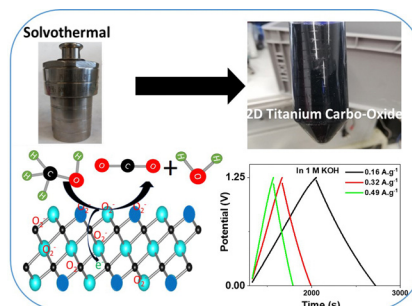


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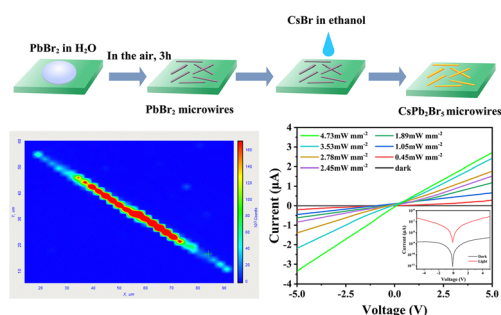
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Phase evolution and fluorescence stability of CsPb₂Br₅ microwires and their application in stable and sensitive photodetectors

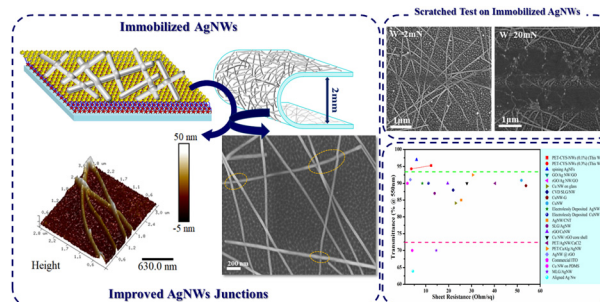
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Microwave-assisted immobilized silver nanowires on arbitrary substrates: an eco-friendly technique for next-generation transparent, flexible and robust electronics

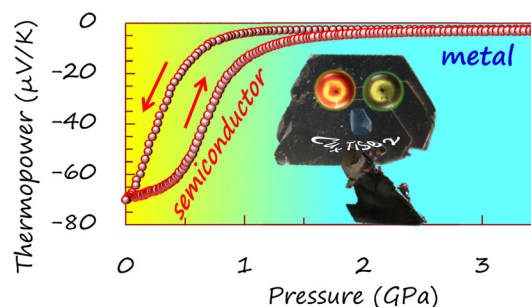
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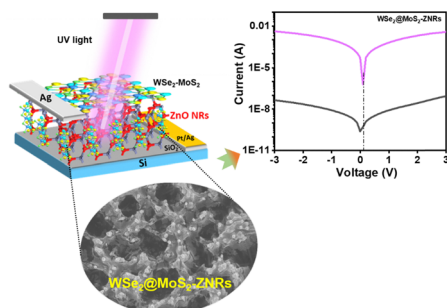
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Controlling the semiconductor–metal transition in Cu-intercalated TiSe₂ by applying stress

Natalia V. Morozova,* Aleksandr Yu. Usik, Igor V. Korobeinikov, Alexander N. Titov and Sergey V. Ovsyannikov



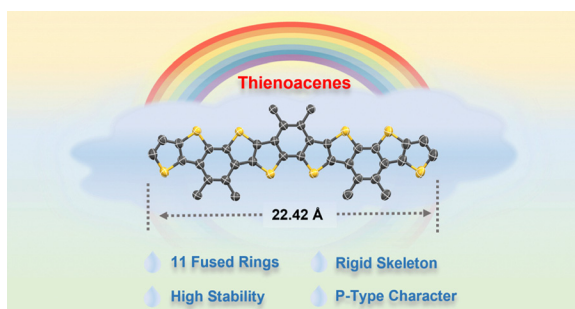
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Tunable defect-engineered nanohybrid heterostructures: exfoliated 2D WSe₂–MoS₂ nano-hybrid sheet covered on 1D ZnO nanostructures for self-powered UV photodetectors

Adhimoorthy Saravanan,* Bohr-Ran Huang,*
Deepa Kathiravan, Shikha Sakalley and Sheng-Chi Chen*

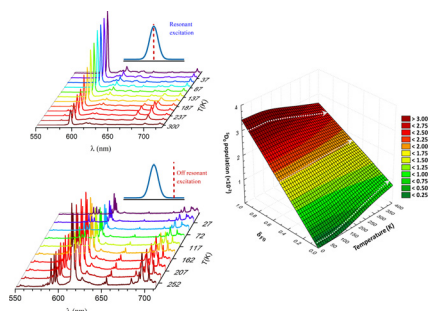
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Syntheses and properties of 11-ring-fused linear thienoacenes

Shihui Liu, Debin Xia,* Jinghao Wang, Congwu Ge,
Sue Hao, Jian Zhang, Ping Wang, Kaifeng Lin,
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Xike Gao

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Resonance/off-resonance excitations: implications on the thermal evolution of Eu³⁺ photoluminescence

Arnab De, Miguel A. Hernández-Rodríguez,
Albano N. Carneiro Neto,* Vivek Dwij, Vasant Sathe, Luís
D. Carlos* and Rajeev Ranjan*

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Controlling ions and electrons in aqueous solution: an alternative point of view of the charge-transport behavior of eumelanin-inspired material

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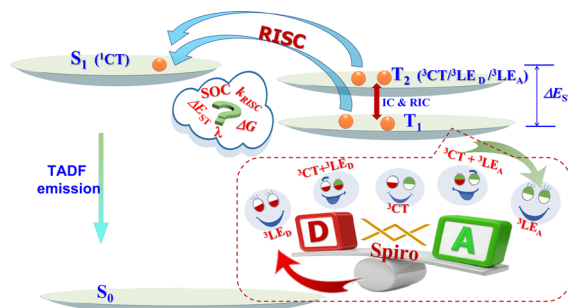


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Importance of spin-triplet excited-state character in the reverse intersystem crossing process of spiro-based TADF emitters

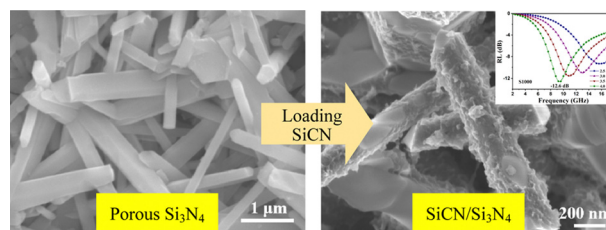
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Increased microwave absorption property of porous Si_3N_4 ceramics by loading polymer-derived SiCN for a multifunctional design

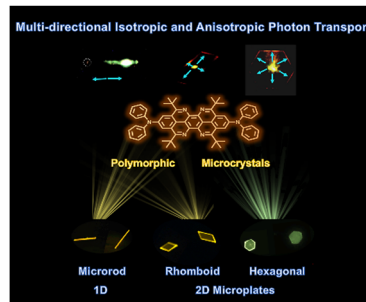
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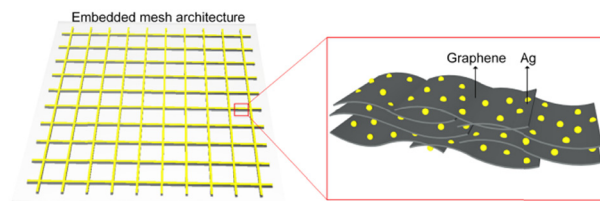
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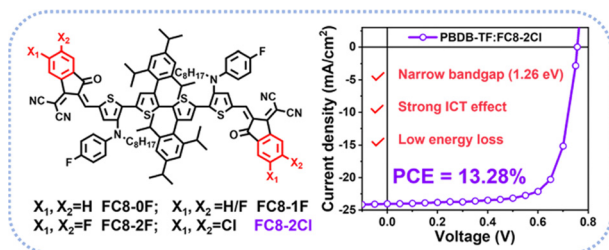
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Micro–nano dual-scale embedded graphene/Ag architectures for flexible low-voltage-driven transparent electrothermal films

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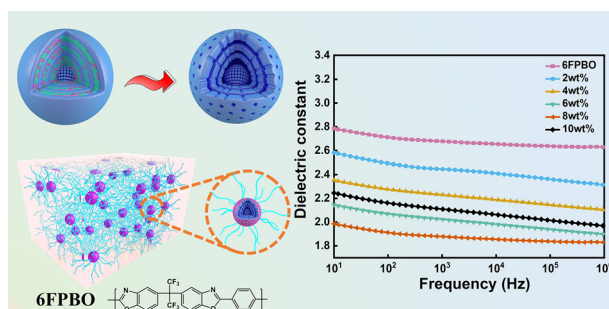
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Completely non-fused ring acceptors with low non-radiative energy loss enabled by end-group modulation

Hao Li, Jiayao Li, Chenyi Yang, Jingwen Wang, Du Hyeon Ryu, Lijiao Ma, Yi Yang, Won Suk Shin, Shaoqing Zhang* and Jianhui Hou

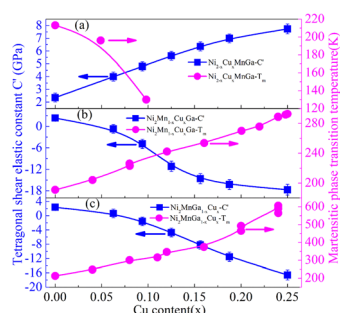
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An ultralow- k dielectric derived from a fluorinated polybenzoxazole composite film with yolk-multishell mesoporous silica nanostructures

Zhe Zhang, Peng He, Wenjun Ma, Peiyuan Zuo,* Xiaoyun Liu and Qixin Zhuang*

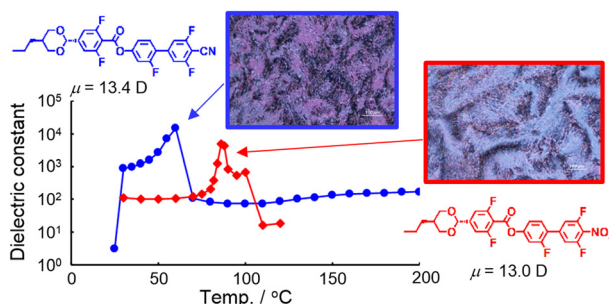
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A unified physical mechanism for martensitic phase transition and ductility in Ni-Mn-based ferromagnetic shape memory alloys: the case of Cu-doped Ni_2MnGa

Guijiang Li,* Lei Xu and Zhenhua Cao

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Synthesis of liquid crystals bearing 1,3-dioxane structures and characterization of their ferroelectricity in the nematic phase

Hiroiyuki Matsukizono, Koki Iwamatsu, Sota Endo, Yasushi Okumura, Shizuka Anan and Hirotsugu Kikuchi*



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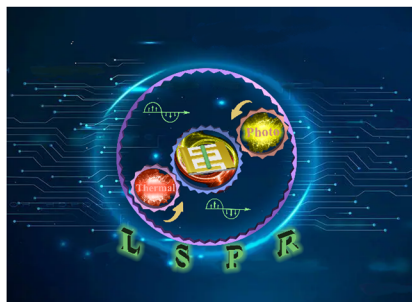


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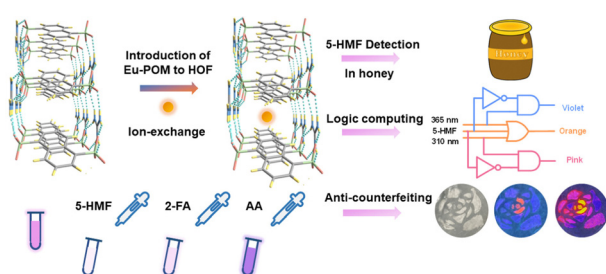
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A high-performance UV photodetector with superior responsivity enabled by a synergistic photo/thermal enhancement of localized surface plasmon resonance

Luxia Zheng, Yang Yang,* Chris R. Bowen, Lan Jiang, Zhan Shu, Yun He, Hongli Yang, Zongzhuo Xie, Taixu Lu, Feng Hu* and Weiyong Yang

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A multifunctional fluorescent platform based on polyoxometalate-functionalized HOFs for 5-hydroxymethylfurfural, 2-furaldehyde and ascorbic acid sensing, logic computing and anti-counterfeiting

Zishuo Zhang, Xin Xu and Bing Yan*

