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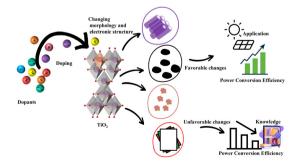
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Aparna Markose, Debanita Das and Prasanth Ravindran*



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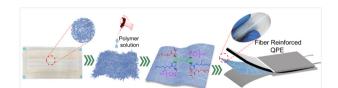
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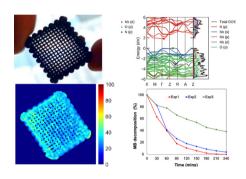
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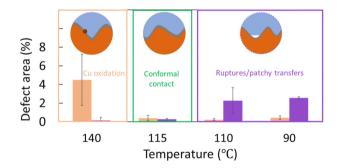
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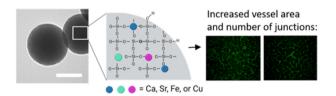
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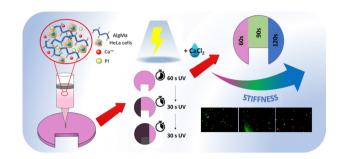
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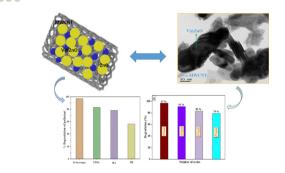
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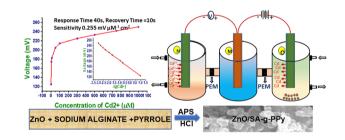
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A comparative study on the photo-removal of a few selected priority organic pollutants in aqueous suspension using vanadium-doped-ZnO/MWCNT

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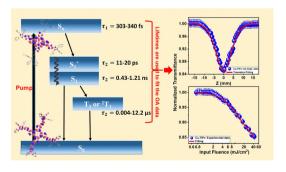
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Potential mediated electrochemical recycling and sensing of cadmium ions in wastewater over ZnO/SA-q-PPy biocomposite

Sandeep Verma, Ashok K. Sharma* and Saroj K. Shukla*

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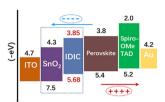
Novel metallated imidazole phthalocyanines: synthesis, ultrafast excited-state carrier dynamics and multiphoton absorption properties

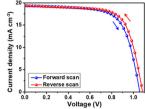
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Zhihai Liu, Lei Wang, Hao Zhao, Yibin Wei, Xiaoyin Xie* and Ping Chen*

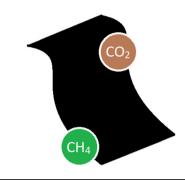




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A simple, sustainable route to flexible microporous carbon cloth for energy storage applications

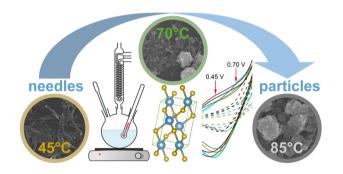
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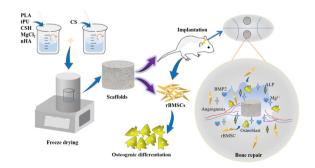
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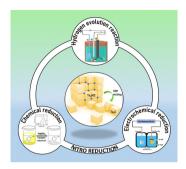
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A PLA-tPU based magnesium ion incorporated CSH/nHA bioactive porous composite scaffold for critical bone defect repair

Zhi Shi, Guobin Huang, Zhongming Li, Zhenkai Lou, Zhiqiang Gong, Xin Wang, Chengyong Li* and Bing Wang*



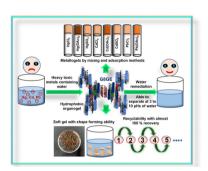
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Fluorine-free synthesized tantalum carbide (Ta₂C Mxene) as an efficient electrocatalyst for water reduction and nitro compound reduction

Aathilingam Vijayaprabhakaran and Murugavel Kathiresan*

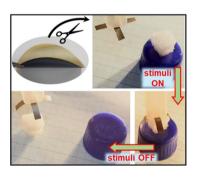
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Design and synthesis of hydrophobic mixed organogels with complementary hydrogen-bond donor-acceptor sites: removal of heavy metal ions Hg²⁺, Cd²⁺ and Pb²⁺ from aqueous solution

Reena Kyarikwal, Ritika Munjal, Probal Nag, Sivaranjana Reddy Vennapusa and Suman Mukhopadhyay*

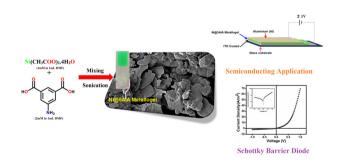
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Light and solvent-driven actuator of clay and vanadium pentoxide nanosheets

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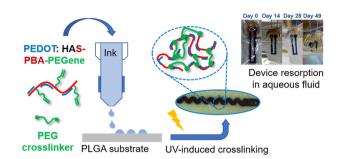
A semiconducting supramolecular novel Ni(II)-metallogel derived from 5-aminoisophthalic acid low molecular weight gelator: an efficient Schottky barrier diode application

Baishakhi Pal, Subhendu Dhibar,* Ritam Mukherjee, Subham Bhattacharjee, Partha Pratim Ray* and Bidyut Saha*

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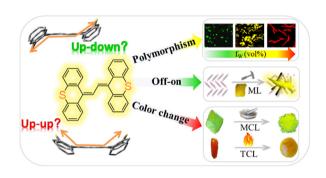
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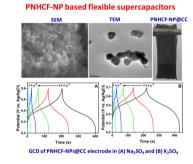
Nengni Xu, Wenhua Xu, Meng Sun, Yi Yuan, Xinjun Luan,* Ying Wang and Hui Wang*



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Yuliya Yapontseva, Valeriy Kublanovsky,* Tetyana Maltseva, Yuri Troshchenkov and Oleksii Vyshnevskyi

