

Sustainable Energy & Fuels

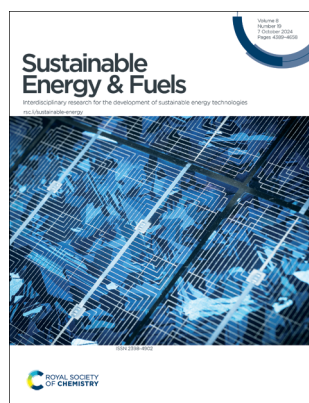
Interdisciplinary research for the development of sustainable energy technologies

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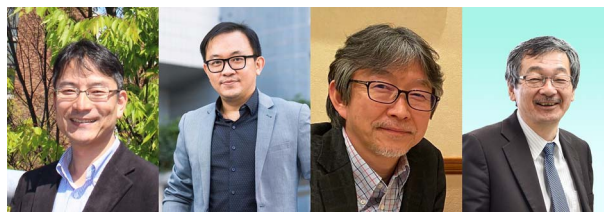
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Introduction to solar fuels and chemicals: photocatalytic water splitting and CO₂ reduction themed collection

Ryu Abe, Yun Hau Ng, Osamu Ishitani
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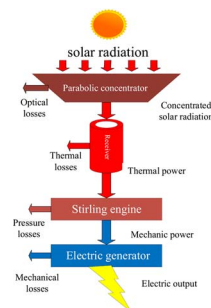


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Lingxuan Kong,* Zhibo Wu, Jiale Jiang, Jing Li
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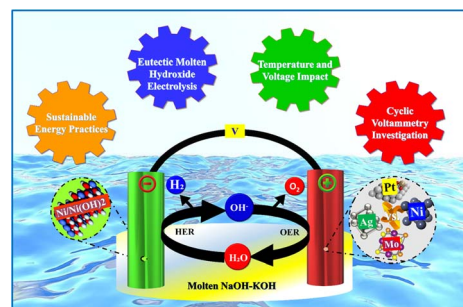
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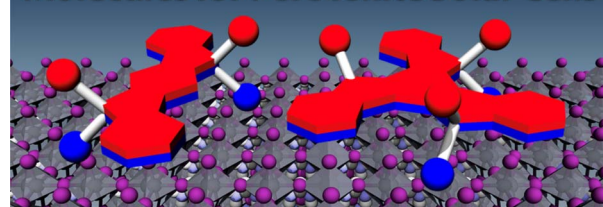
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Evolving bifacial molecule strategy for surface passivation of lead halide perovskite solar cells

Nanaki Minoi, Fumitaka Ishiwari,* Takuya Omine, Kazuharu Murotani, Ryosuke Nishikubo and Akinori Saeki*

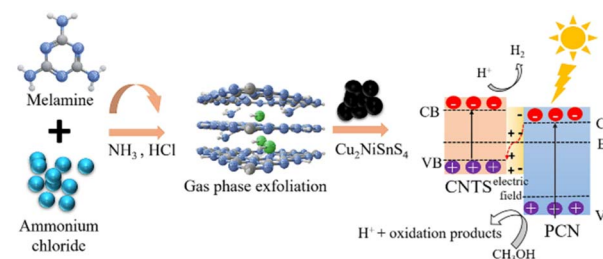
C₂ and C₃ Symmetric Passivation Molecules for Perovskite Solar Cells



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Cu₂NiSnS₄/g-C₃N₄ S-scheme photocatalysts: interfacial surface trap states vs. hydrogen production

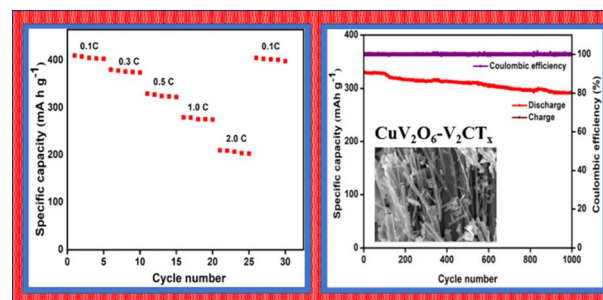
Rugma T. P., Rishi Krishna B. S., K. Priyanga Kangeyan, Neppolian Bernaurdshaw, Abdullah Saad AlArifi and Sandeep Kumar Lakhera*



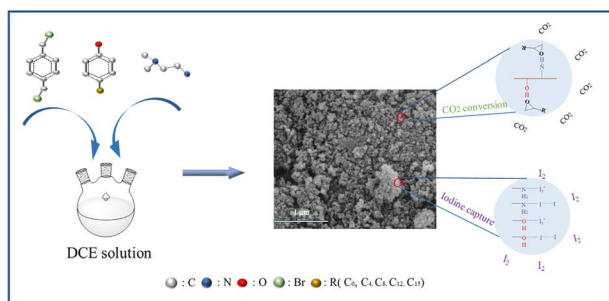
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A heterogeneous CuV₂O₆@2D-V₂CT_x MXene nanohybrid as a cathode material for high-capacity and stable aqueous Zn-ion batteries

Lena S, Senthilkumar Ramasamy, Saradh Prasad Rajendra, Mohamad S. AlSalhi, Rajamohan Rajaram and Subramania A.*



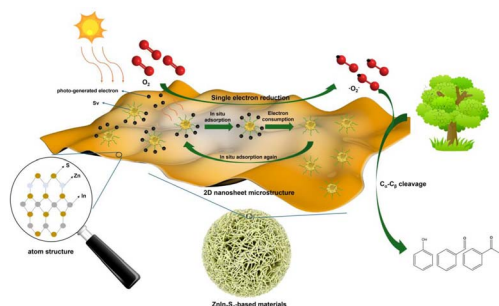
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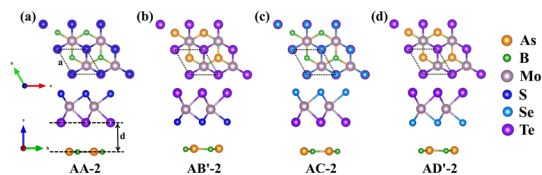
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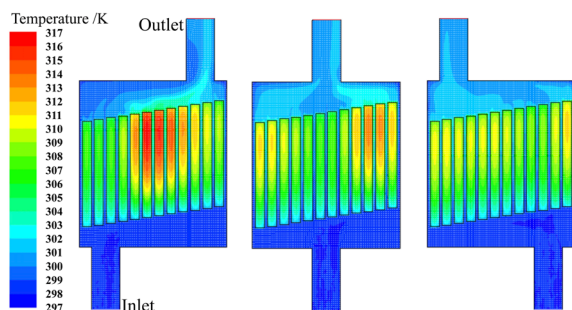
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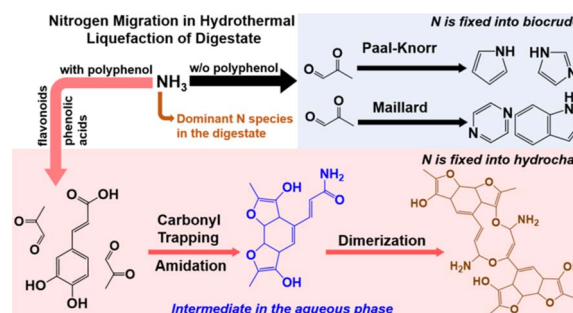
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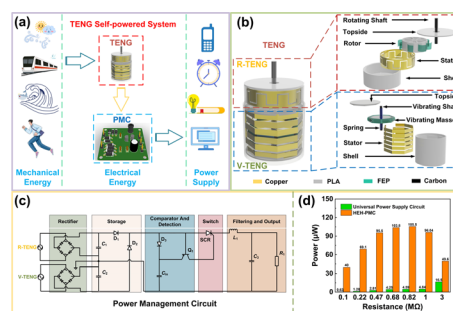
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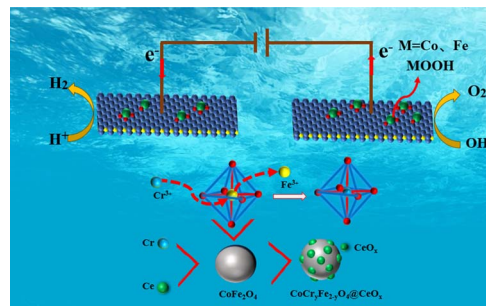
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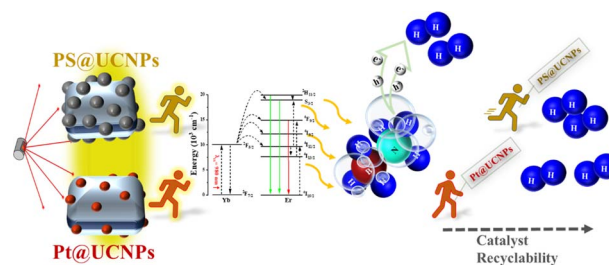
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Bushra Maryam, Muhammad Asim,* Hamna Qayyum, Lun Pan, Ji-Jun Zou* and Xianhua Liu*



PAPERS

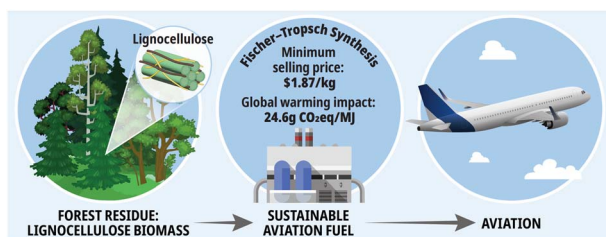
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Lucília Sousa Ribeiro,* Rafael Gomes Morais, José Joaquim de Melo Órfão and Manuel Fernando Ribeiro Pereira

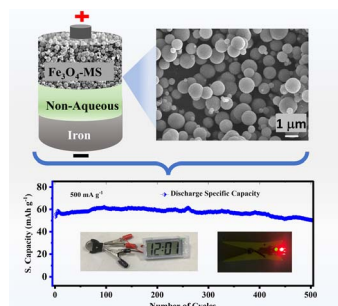
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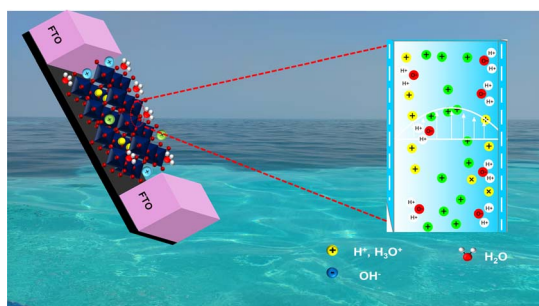
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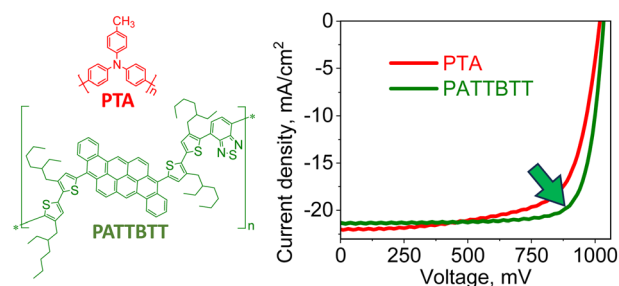
Ashna K. Pramod and Sudip K. Batabyal*



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Oxidative esterification of ethylene glycol in methanol to methyl glycolate over Au/ZnO catalysts: effect of preparation methods

Xueyang Ren, Jie Zheng, Jinxian Zhao,* Yanhong Quan and Jun Ren*

