

Sustainable Energy & Fuels

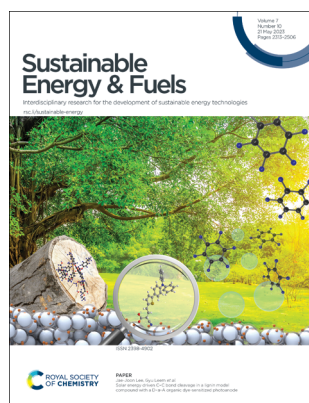
Interdisciplinary research for the development of sustainable energy technologies

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IN THIS ISSUE

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Cover

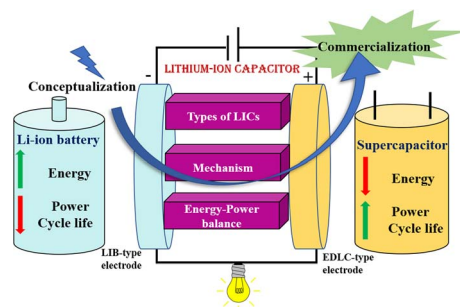
See Jae-Joon Lee, Gyu Leem *et al.*, pp. 2339–2348. Image reproduced by permission of Gyu Leem from *Sustainable Energy Fuels*, 2023, 7, 2339.

PERSPECTIVE

2321

A perspective on the evolution and journey of different types of lithium-ion capacitors: mechanisms, energy-power balance, applicability, and commercialization

Udita Bhattacharjee, Subhajit Bhowmik, Shuvajit Ghosh and Surendra K. Martha*

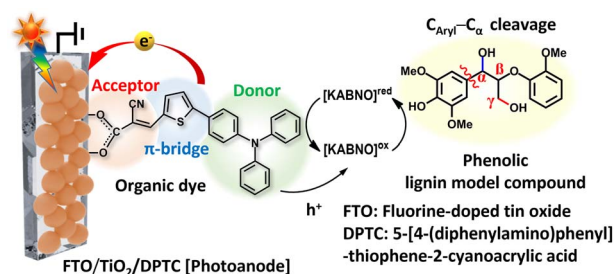


PAPERS

2339

Solar energy driven C–C bond cleavage in a lignin model compound with a D– π –A organic dye-sensitized photoanode

Saerona Kim, Hyeong Cheol Kang, Chun Chu, Shuya Li, Kicheon Yoo, Udani Kaushalya Wijethunga, Weiwei Zheng, Chang Geun Yoo, Benjamin D. Sherman, Jae-Joon Lee* and Gyu Leem*



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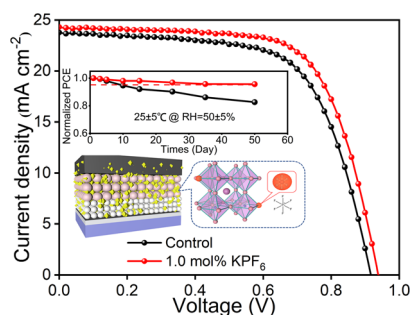
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2349

Efficient and stable full-printed mesoscopic perovskite solar cells with potassium hexafluorophosphate additives

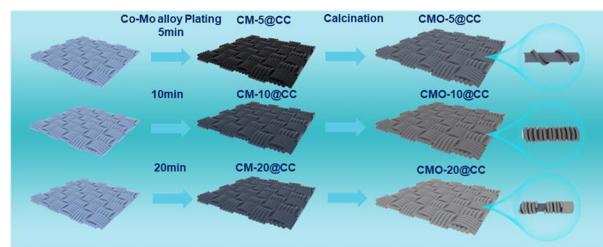
Longbo Wang, Jian Xiong, Dongjie Wang, Yiwen Chen, Yang Zhang, Chenshu Wu, Zheling Zhang, Jing Wang, Yu Huang and Jian Zhang*



2357

Co–Mo alloy oxide decorated carbon cloth as lithium host for dendrite-free lithium metal anode

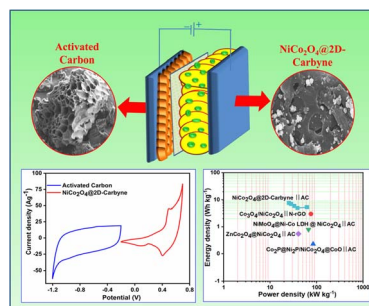
Xingjie Wang, Shuai Liu,* Jing Shi, Minghua Huang, Zhicheng Shi, Huanlei Wang and Zhenhua Yan



2368

A heterogeneous NiCo₂O₄@2D-carbyne nanohybrid – a new electrode material for robust and high energy density hybrid supercapacitors

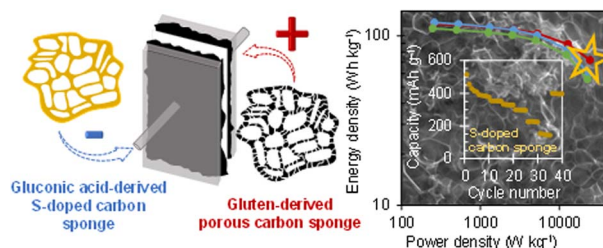
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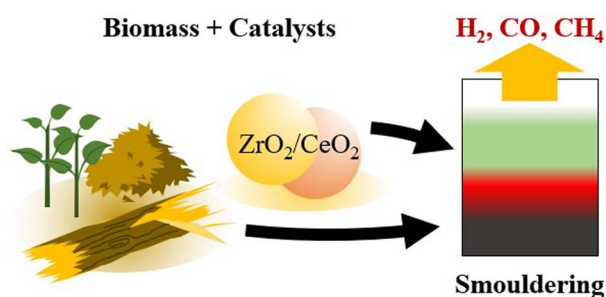
2378

Biomass-derived carbon sponges for use as sodium-ion capacitor electrodes

Sara Payá, Noel Díez* and Marta Sevilla*



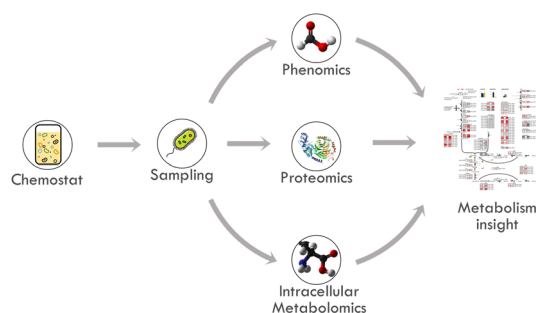
2390



Effect of ZrO₂/CeO₂ mixed oxides on fuel gas production during self-sustaining smouldering combustion of lignocellulosic wastes

Hons Wyn, Muxina Konarova,* Sebastian Quintero Olaya and Luis Yermán

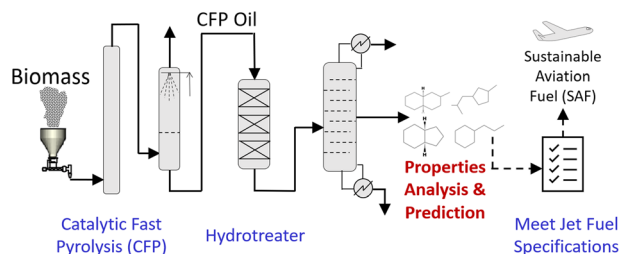
2397



Molecular understanding of *Eubacterium limosum* chemostat methanol metabolism

Jamin C. Wood, R. Axayacatl Gonzalez-Garcia, Dara Daygon, Gert Talbo, Manuel R. Plan, Esteban Marcellin and Bernardino Virdis*

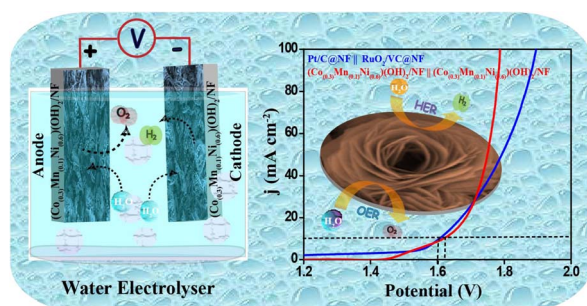
2413



Prediction of sustainable aviation fuel properties for liquid hydrocarbons from hydrotreating biomass catalytic fast pyrolysis derived organic intermediates

Suphat Watanasiri, Eugene Paulechka, Kristiina Iisa, Earl Christensen, Chris Muzny and Abhijit Dutta*

2428



A cobalt–manganese modified theophrastite phase of nickel hydroxide nanoflower arrays on nickel foam as a self-standing bifunctional electrode for overall water electrolysis

Geeta Pandurang Kharabe, Rajith Illathvalappil, Sidharth Barik, Fayis Kanheerampockil, Priyanka S. Walko, Suresh K. Bhat, R. Nandini Devi and Sreekumar Kurungot*

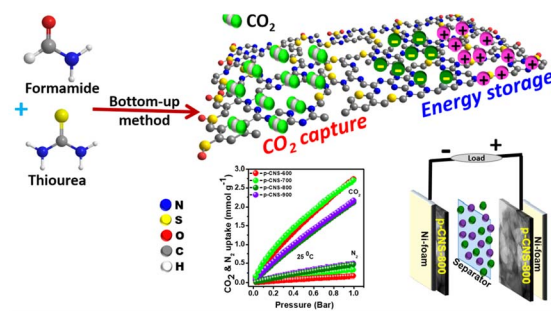


PAPERS

2441

A bottom-up fabrication for sulphur (S), nitrogen (N) co-doped two-dimensional microporous carbon nanosheets for high-performance supercapacitors and H₂, CO₂ storage

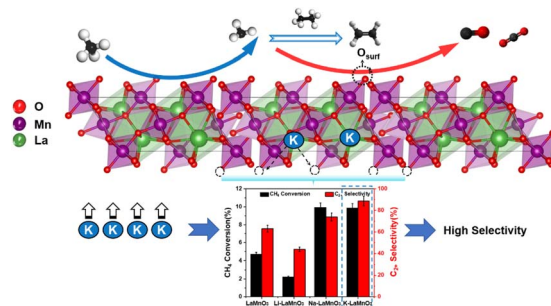
Prajnashree Panda and Sudip Barman*



2455

Enhanced C₂₊ selectivity in plasma-assisted chemical looping oxidative coupling of methane using (Na, Li, and K) doped LaMnO₃

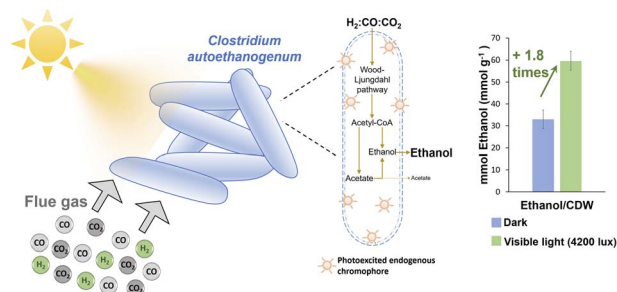
Tong Liu, Chen Wang, Yiwen Song, Wentao Ou, Rui Xiao and Dewang Zeng*



2462

Unassisted stimulation of autotrophic ethanol bioproduction by visible light

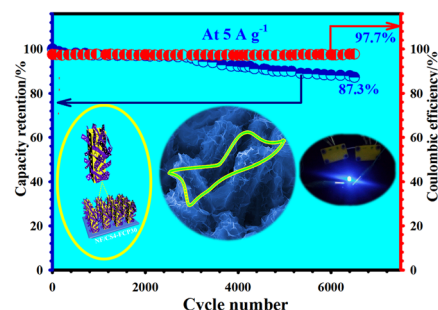
Wusheng Rao, Yu Kang, Heng Zheng, Muwei Ye, Ziru Liu, Tian Zhang* and Pier-Luc Tremblay*



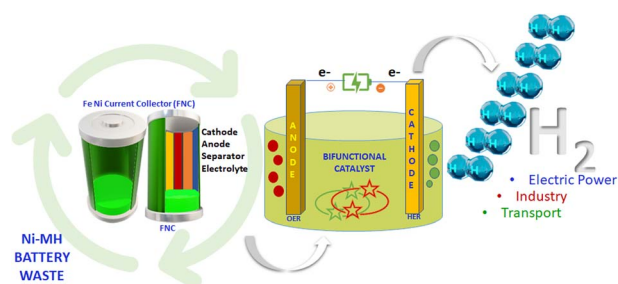
2473

Metal–organic framework-derived hollow Co₉S₈ nanotube arrays coupled with porous FeCo–P nanosheets as an efficient electrode material for hybrid supercapacitors

Kosar Alitabar, Akbar Mohammadi Zardkhoshoui* and Saied Saeed Hosseiny Davarani*



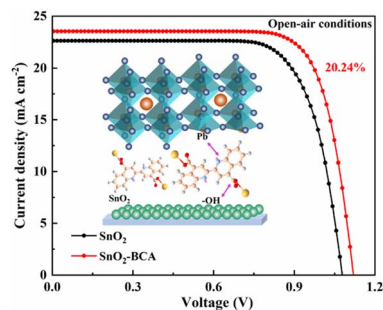
2486



Repurposing the current collector of a car battery module into a bifunctional electrode for overall electrochemical water splitting

Arshdeep Kaur, Monireh Khosravi and Anthony P. O'Mullane*

2495



Synchronous amelioration of SnO₂ surface aggregation and buried layer defects by sodium salts for high-efficiency and stable perovskite solar cells

Leying Zha, Lei Ning, Pengyun Zhang, Pingfan Du, Jie Xiong* and Lixin Song*

