Sustainable Energy & Fuels

Interdisciplinary research for the development of sustainable energy technologies

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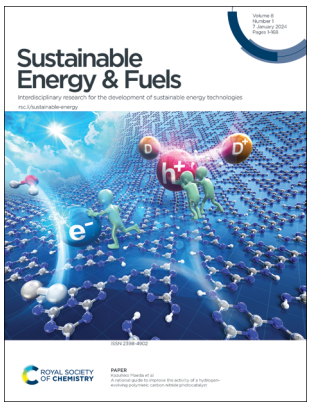
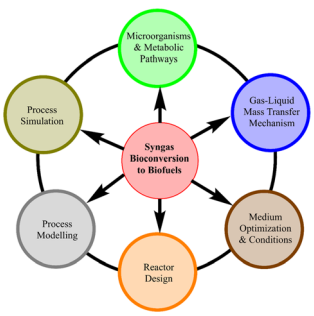


Cover
See Kazuhiko Maeda *et al.*, pp. 36–42. Image reproduced by permission of Kazuhiko Maeda from *Sustainable Energy Fuels*, 2024, **8**, 36.

REVIEW



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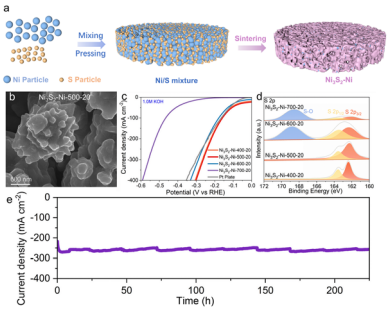

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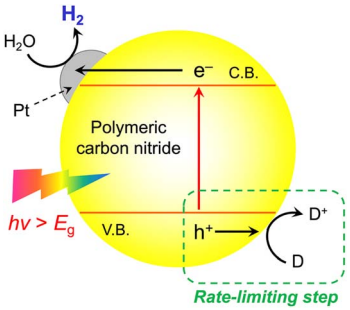

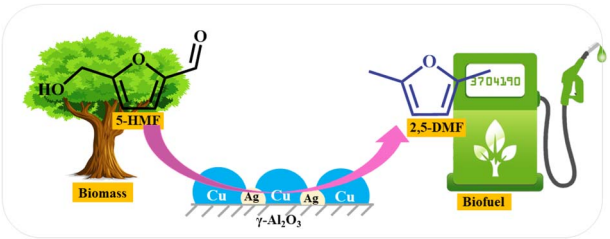

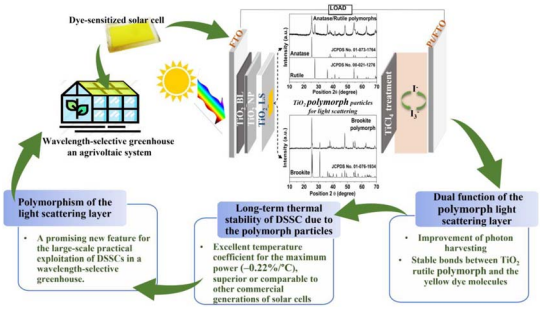

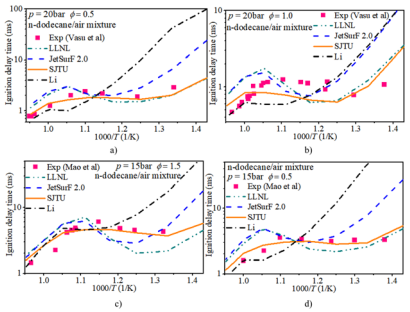

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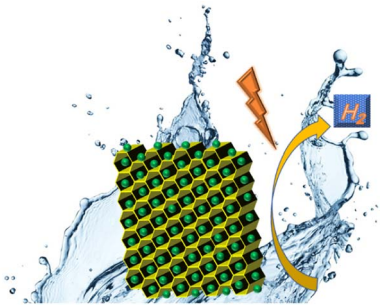

Honeycomb-like hollow carbon loaded with ruthenium nanoparticles as high-performance HER electrocatalysts

Peng-Cheng Ji, Yang Teng, Hong-Cheng Li, Ming-Yun Guan and Hai-Lang Jia*

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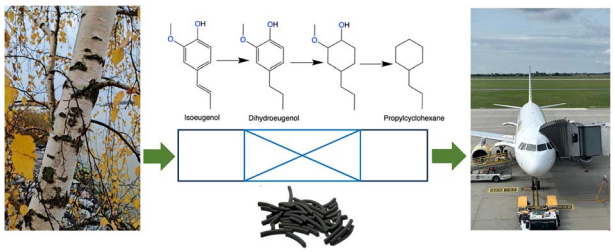

Hydrodeoxygenation of isoeugenol in continuous mode using bifunctional Pt-Beta 25-binder catalysts for renewable jet fuel production

Mark E. Martínez-Klimov,* Olha Yevdokimova, Päivi Mäki-Arvela, Jennifer Cueto, Nataliya Shcherban, Zuzana Vajglová, Kari Eränen and Dmitry Yu. Murzin*

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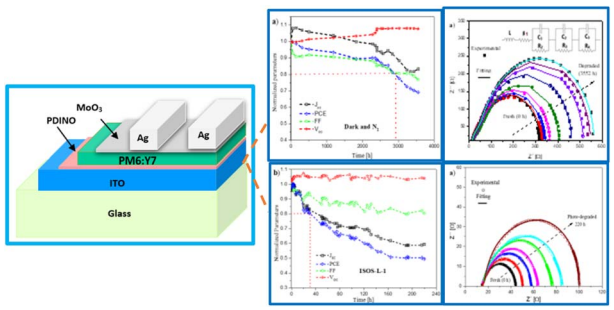

Degradation analysis of inverted PM6 (PBDB-T-2F):Y7 (BTP-4Cl) solar cells with PDINO and MoO_3 as the ETL/HTL

Angel Sacramento,* José L. Abad, Magaly Ramírez-Como, Victor S. Balderrama and Magali Estrada

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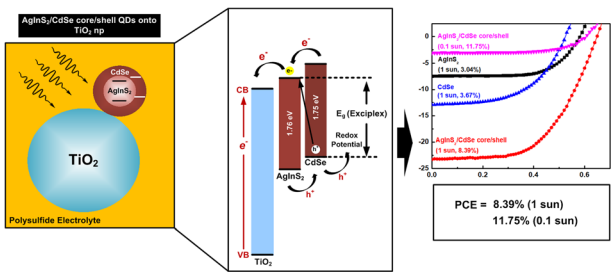

$AgInS_2$/CdSe type-II core/shell quantum dot-sensitized solar cells with an efficiency of 11.75% under 0.1 sun

Siti Utari Rahayu, Yu-Rou Wang, Jen-Bin Shi and Ming-Way Lee*

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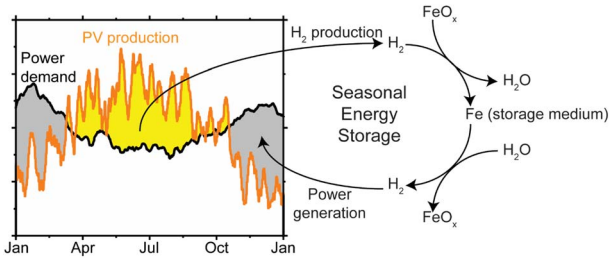
Safe seasonal energy and hydrogen storage in a 1 : 10 single-household-sized pilot reactor based on the steam-iron process

Samuel P. Heiniger, Zhiyuan Fan, Urs B. Lustenberger and Wendelin J. Stark*



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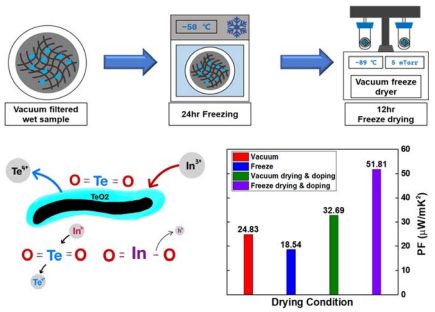
Powerful drying and doping strategies for enhancing the thermoelectric performance of tellurium nanostructures prepared *via* green hydrothermal synthesis

In Ho Kim and Yong Jin Jeong*



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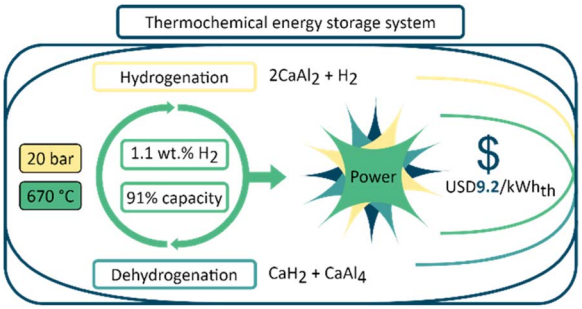
Calcium hydride with aluminium for thermochemical energy storage applications

Lucie Desage, Terry D. Humphries,* Mark Paskevicius and Craig. E. Buckley



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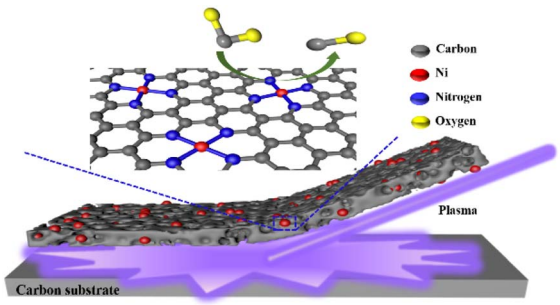
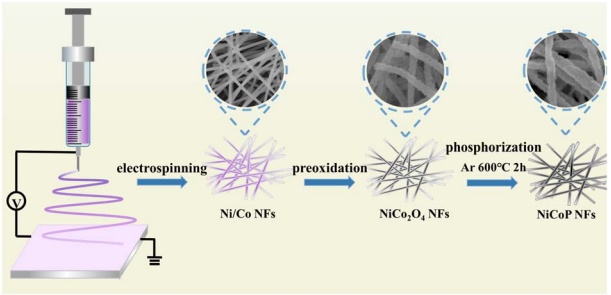
Ni single-atom catalysts for highly efficient electrocatalytic CO_2 reduction: hierarchical porous carbon as a support and plasma modification

Qiulin Ye, Yaqi Peng,* Dongdong Wang, Jiabao Lv, Yaoyue Yang, Yue Liu, Zhifu Qi, Songqiang Zhu, Chunliang Ge, Yan Yang, Angjian Wu* and Shengyong Lu*





One-dimensional nickel–cobalt bimetallic phosphide nanostructures for the oxygen evolution reaction

Yue Wang, Xin Chang, Zexing Huang, Jiahui Fan, Lu Li* and Mingyi Zhang*