Sustainable Energy & Fuels

Interdisciplinary research for the development of sustainable energy technologies

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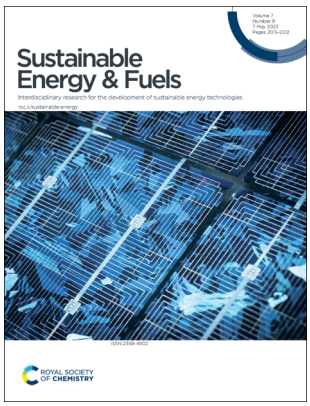

Cover
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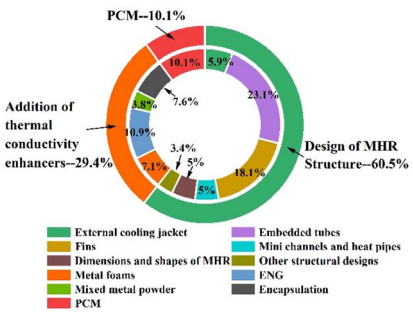
Review of thermal management technology for metal hydride reaction beds

Guodong Miao, Ping Li,* Chunrong Liu, Yong Liu, He Zhang, Fanxin Lin and Xuanhui Qu*



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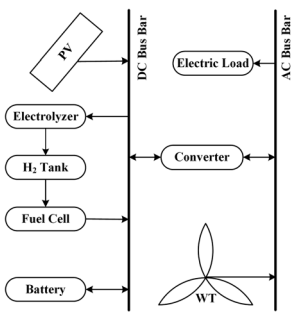
A review of renewable hydrogen hybrid energy systems towards a sustainable energy value chain

Zainul Abdin,* Nameer Al Khafaf, Brendan McGrath, Kylie Catchpole and Evan Gray



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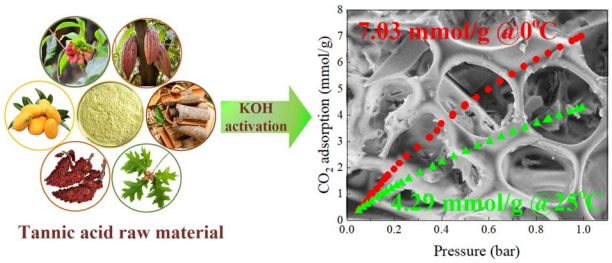

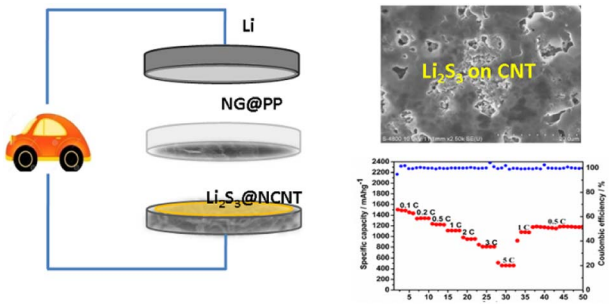

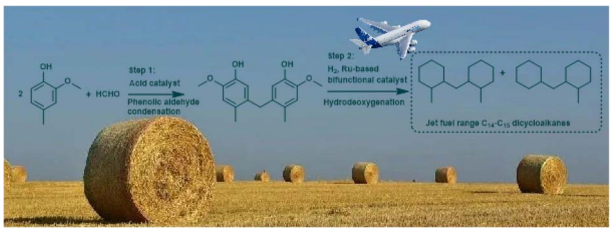

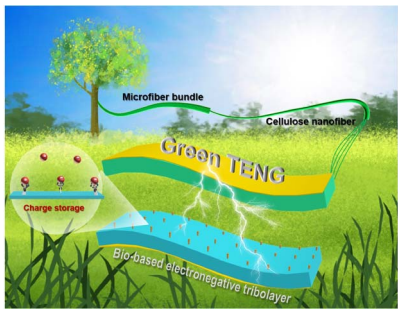

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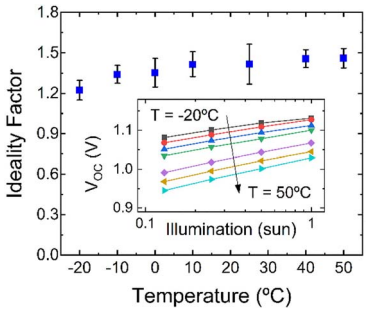

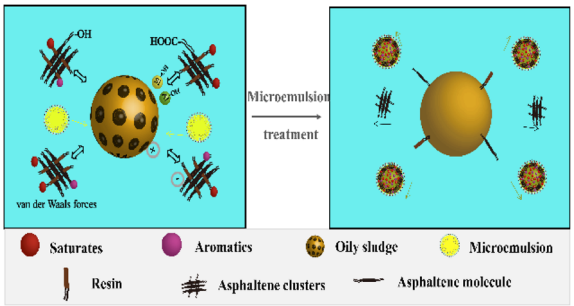

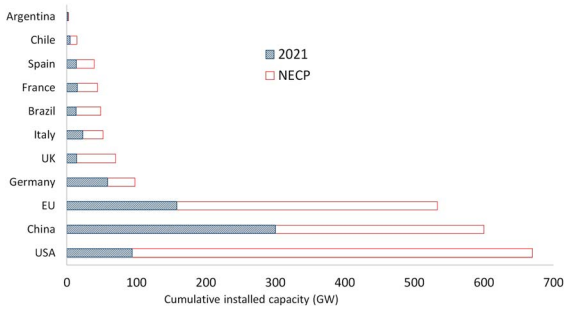

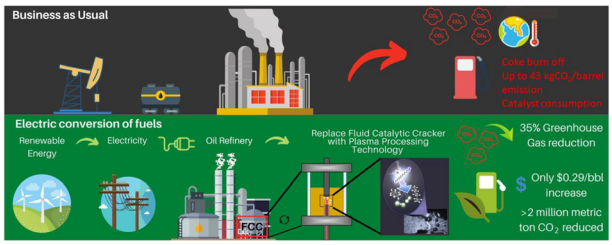

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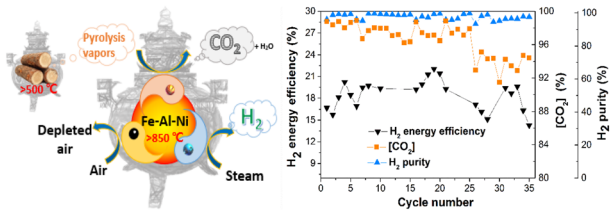

High-purity hydrogen production from real biomass pyrolysis vapors *via* a chemical looping process

Zixiang Gao, Dewang Zeng, Shiliang Wu, Shaojun Ren, Fu Zhou, Ming Gao, Feng Song, Yunfei Zhai and Rui Xiao*

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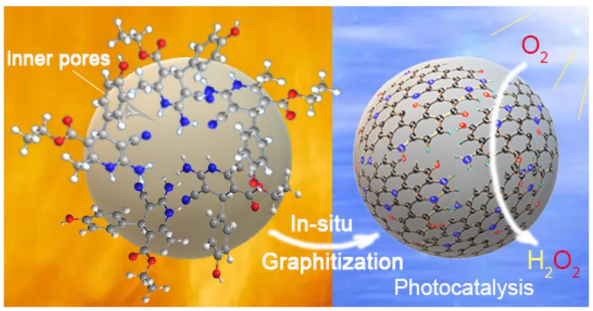

Primary graphitization of multi-functional dihydropyridine, a novel method for reconstructing a TiO_2 surface to obtain high photocatalytic activity for hydrogen peroxide synthesis

Suyan Li, Xiaoyu Hu, Yubo Li, Meiying Wang, Yu Chen, Manman Mu and Lijun Zhang*

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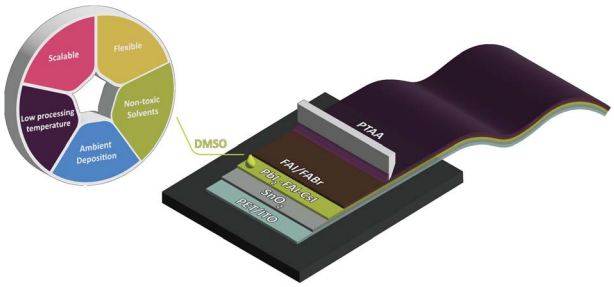

All-blade-coated flexible perovskite solar cells & modules processed in air from a sustainable dimethyl sulfoxide (DMSO)-based solvent system

Farshad Jafarzadeh, Luigi Angelo Castriotta, Francesca De Rossi, Jazib Ali, Francesco Di Giacomo, Aldo Di Carlo, Fabio Matteocci and Francesca Brunetti*

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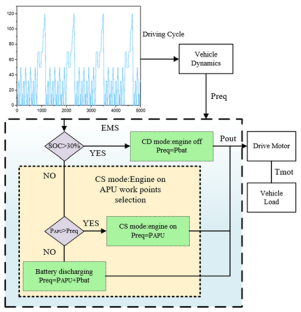

Experimental and simulation study of REEV charging and discharging strategy considering battery temperature

Liange He, Zihan Gu, Yan Zhang,* Haodong Jing and Pengpai Li

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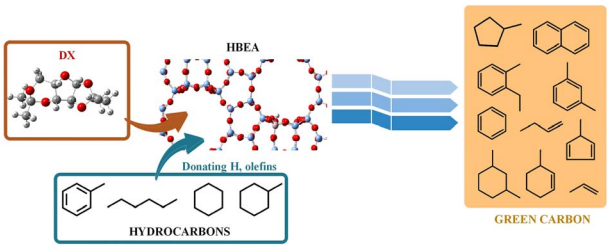

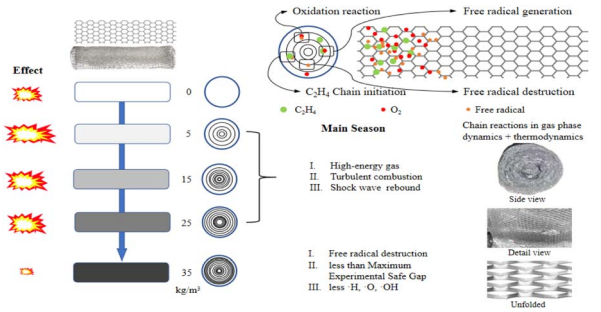

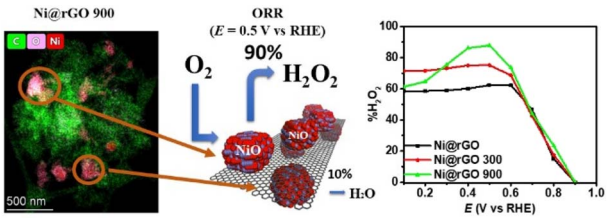

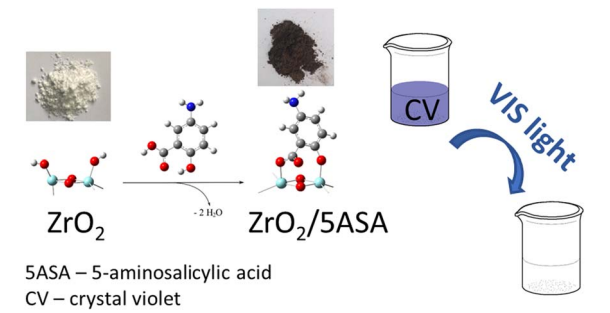

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