

# Sustainable Energy & Fuels

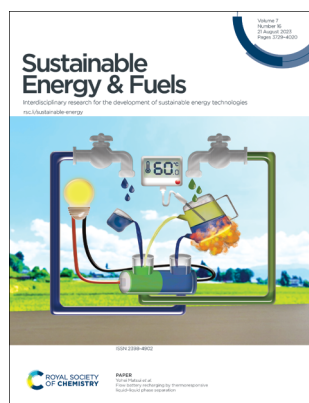
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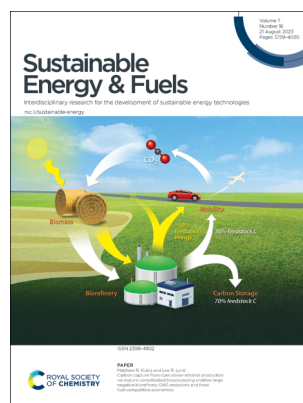
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## EDITORIAL

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### Harnessing the power of biorefining: paving the way for sustainable fuels and chemicals

George W. Huber, Muxina Konarova, Jason Y. C. Lim and Karen Wilson\*

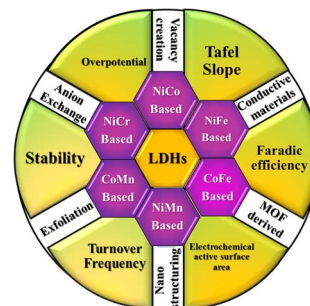


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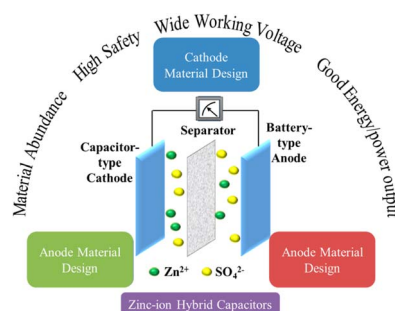


## REVIEWS

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## Recent developments in zinc metal anodes, cathodes, and electrolytes for zinc-ion hybrid capacitors

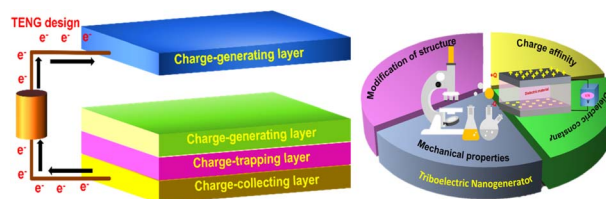
Meghali Devi, Brindha Moorthy and Ranjith Thangavel\*



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Prabhakar Yadav, Kuldeep Sahay,\* Arpit Verma, D. K. Maurya and B. C. Yadav\*

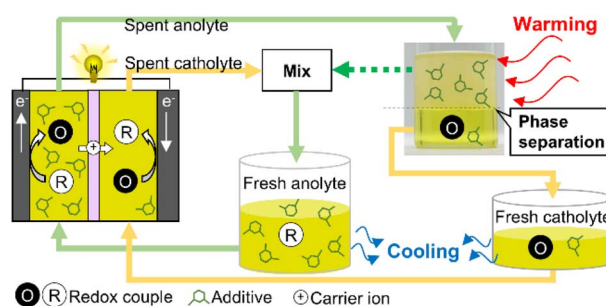


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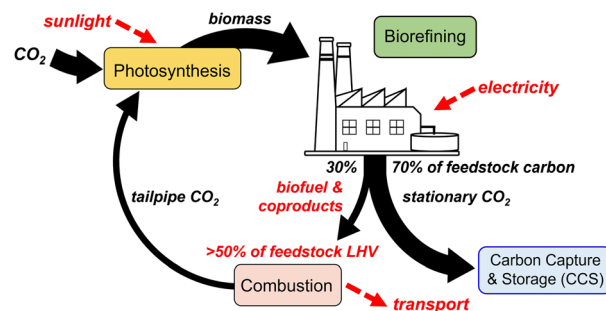
Yohei Matsui,\* Yuki Maeda, Makoto Kawase, Takahiro Suzuki and Shohji Tushima



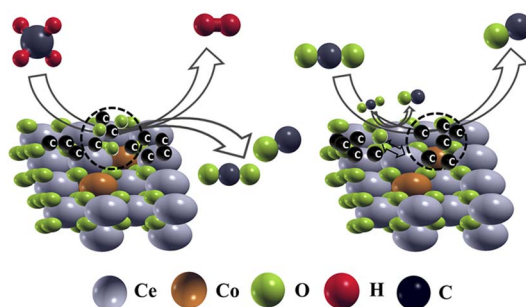
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## Carbon capture from corn stover ethanol production via mature consolidated bioprocessing enables large negative biorefinery GHG emissions and fossil fuel-competitive economics

Matthew R. Kubis and Lee R. Lynd\*



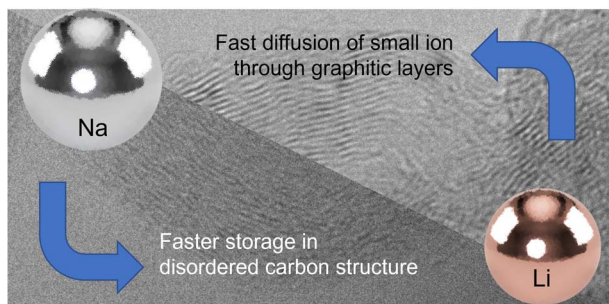
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### Ni/Co in and on $\text{CeO}_2$ : a comparative study on the dry reforming reaction

Pradeep Kumar Yadav, Kalyani Patrikar, Anirban Mondal and Sudhanshu Sharma\*

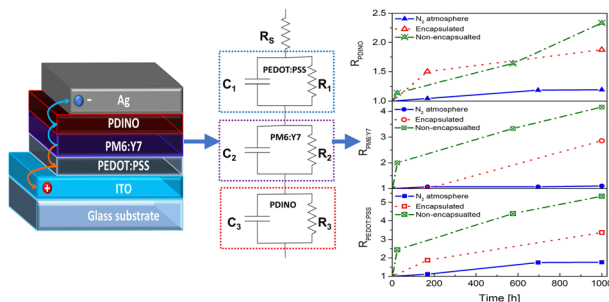
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Johannes Schenk, Desirée Leistenschneider, Stephanie Hoepfner, Ulrich S. Schubert, Konstantin Schutjajew\* and Martin Oschatz\*

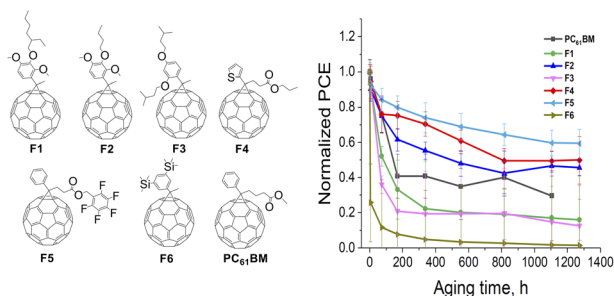
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Magaly Ramírez-Como, Enas Moustafa, Mohamed Samir, Alfonsina Abat Amelenan Torimtubeun, José G. Sánchez, Josep Pallarès\* and Lluís F. Marsal\*

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Mohamed M. Elnaggar, Alexander V. Mumyatov, Nikita A. Emelianov, Lavrenty G. Gutsev, Victoria V. Ozerova, Ivan V. Fedyanin, Yulia V. Nelyubina, Sergey I. Troyanov, Bala R. Ramachandran and Pavel A. Troshin\*

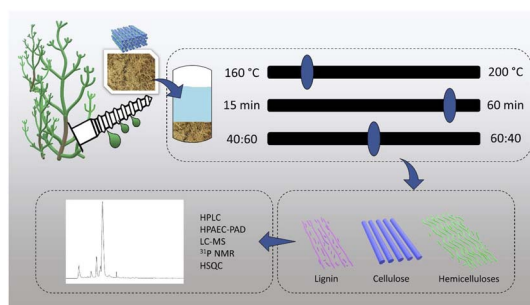




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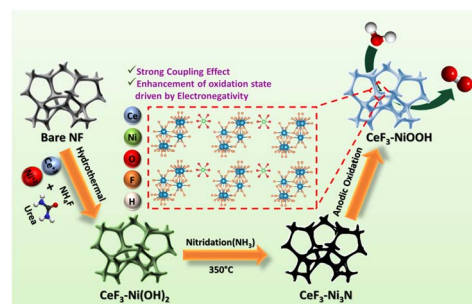
Maxwel Monção, Petter Paulsen Thoresen, Tobias Wretborn, Heiko Lange, Ulrika Rova, Paul Christakopoulos and Leonidas Matsakas\*



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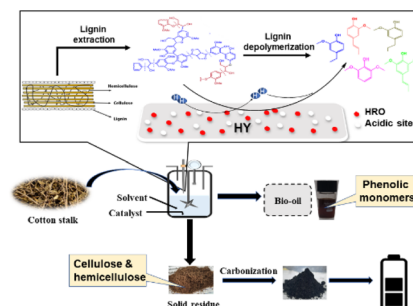
Rajdeep Kaur, Ashish Gaur, Jatin Sharma, Vikas Pundir, Aashi and Vivek Bagchi\*



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### Lignin-first biorefinery approach for the valorization of cotton stalks to phenolic monomers

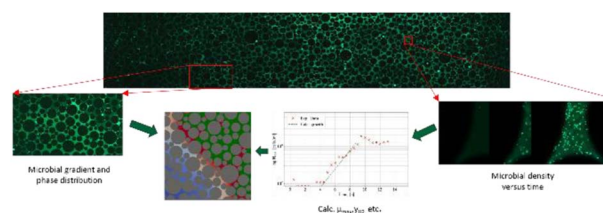
Meenu Jindal, Adarsh Kumar, Shivam Rawat and Bhaskar Thallada\*



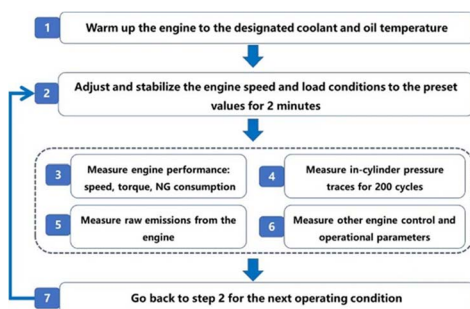
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Gion Strobel,\* Jan Zawallich,\* Birger Hagemann, Leonhard Ganzer and Olaf Ippisch



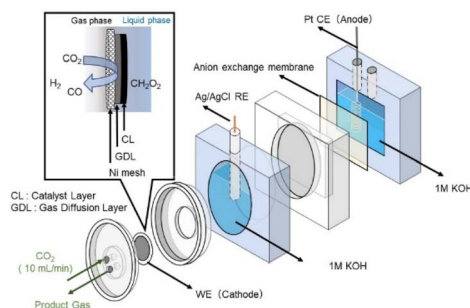
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Jianqin Fu, Chao Li, Feng Zhou,\* Jun Shu\* and Jingping Liu

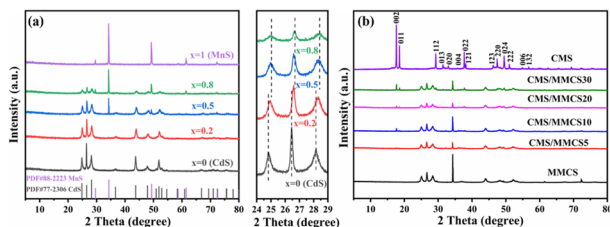
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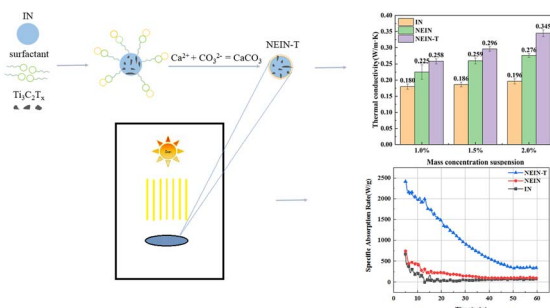
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Jingjing Jiang, Chao Liu, Xiaolong Fang\* and Fengjun Zhang

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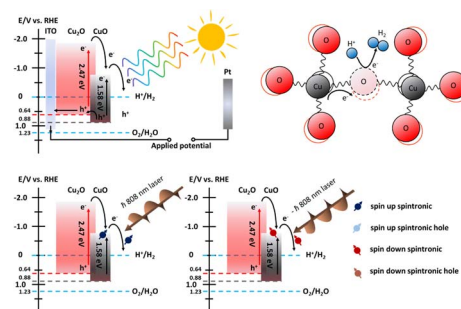
Yuanhong Li, Songping Mo,\* Junhao Chen, Bo Xiao, Lisi Jia and Ying Chen



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Yi-Sheng Lai,\* Dao-Jing Huang, Xiu-Xuan Zhang and Yen-Hsun Su



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Fatih Okumuş,\* Halil İbrahim Sönmez, Aykut Safa, Cenk Kaya and Görkem Kökkülünk

