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EDITORIAL

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Global essay competition: Young Voices in the Chemical Sciences for Sustainability

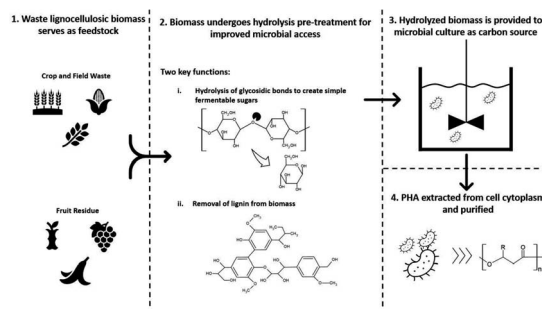


CRITICAL REVIEWS

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A review on polyhydroxyalkanoate (PHA) production through the use of lignocellulosic biomass

Peter Zytner, Deepak Kumar, Abdallah Elsayed, Amar Mohanty, B. V. Ramarao and Manjusri Misra*



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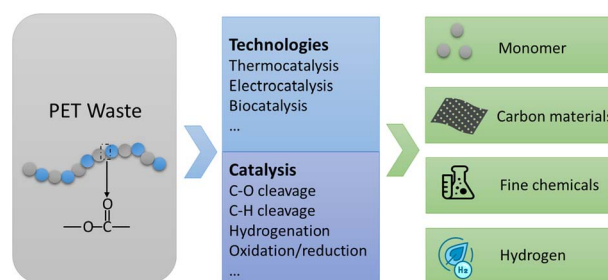


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Zixian Jia,* Lin Gao, Lijiao Qin and Jianzhong Yin*

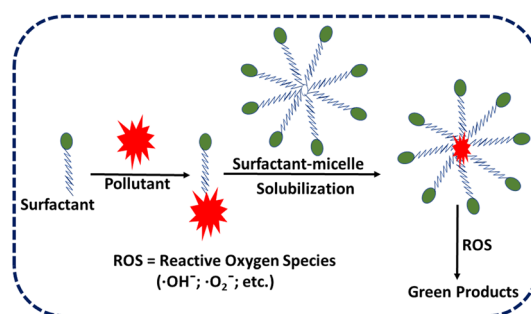


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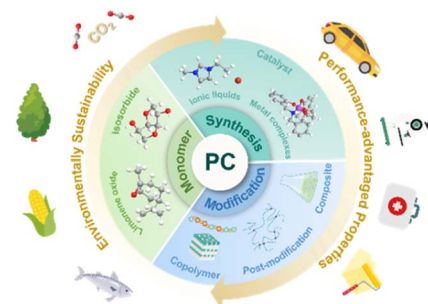
Neha Saxena,* Md Merajul Islam, Sainu Baliyan and Deepa Sharma



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Hao Wang, Fei Xu, Zhencai Zhang, Mi Feng, Ming Jiang and Suojiang Zhang*

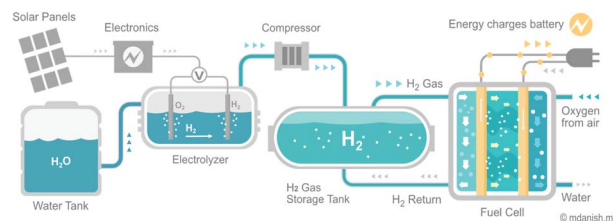


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Mir Sayed Shah Danish*



COMMUNICATION

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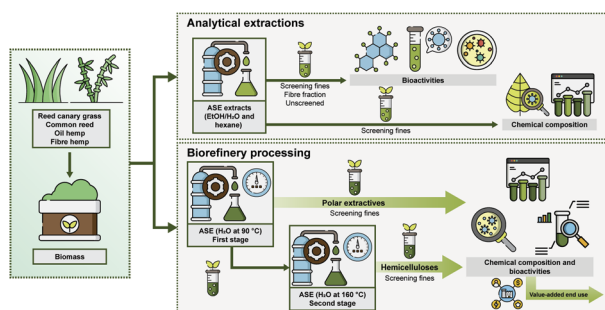


Cholinium-based ionic liquid catalysts for polyethylene terephthalate glycolysis: understanding the role of solvent and a reappraisal of the cation contribution

Diana Bura, Lorenzo Pedrini, Cristina Trujillo* and Stephen J. Connon*

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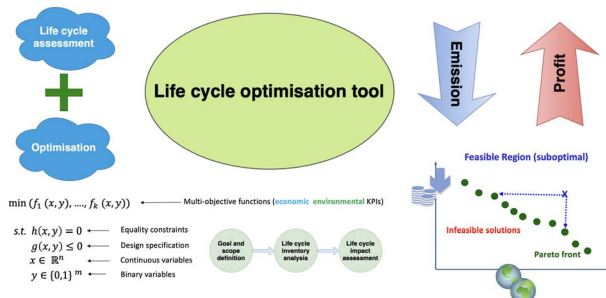
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Chemical composition and bioactivity of hemp, reed canary grass and common reed grown on boreal marginal lands

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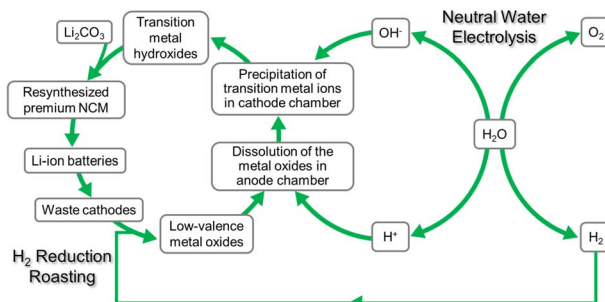
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Xinyang Sun, Alex Durkin and Miao Guo*

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Jiayin Zhou, Jihong Ni and Xiaofei Guan*

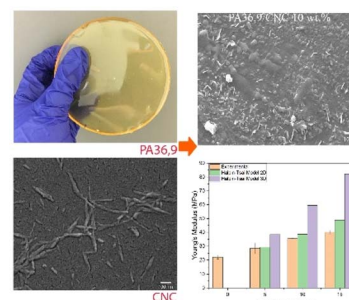


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Structure and properties of biobased polyamide 36,9/cellulose nanocomposites

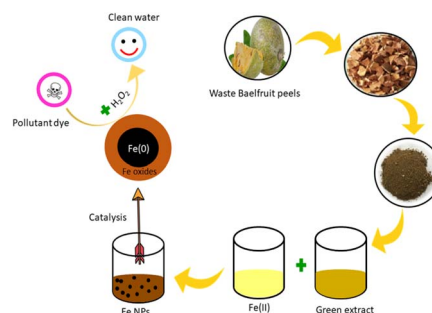
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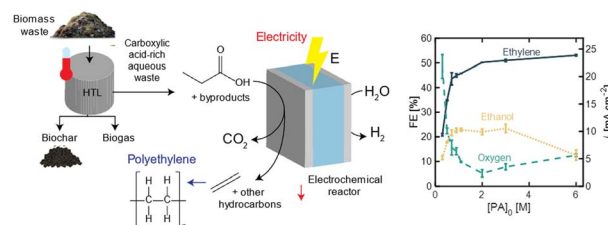
Anju Srivastava, Sriparna Dutta and Reena Jain*



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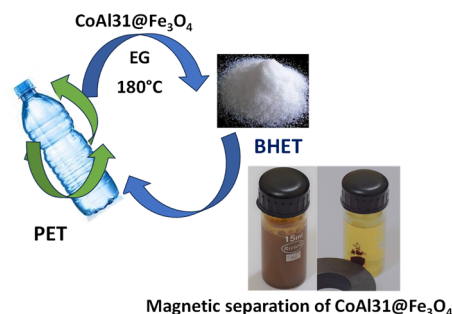
Andrea Angulo, Carolina Elizarraras, Ju Hee Shin, Alexandra van Riel, Toshihiro Akashige and Miguel Modestino*



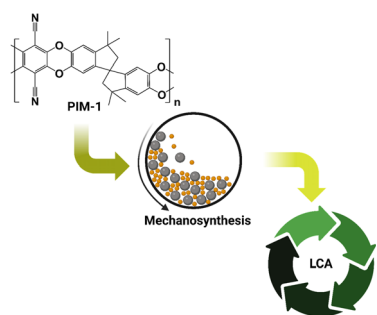
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Co-Al-CO₃ layered double hydroxide: an efficient and regenerable catalyst for glycolysis of polyethylene terephthalate

Deepthi Thomas, Rakesh Ranjan and Benny Kattikanal George*



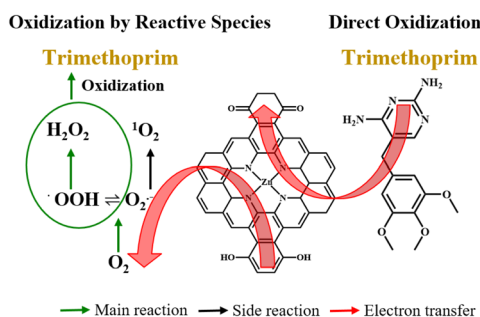
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Ching Yoong Loh, Rui Huang, Roy Bell and Ming Xie*

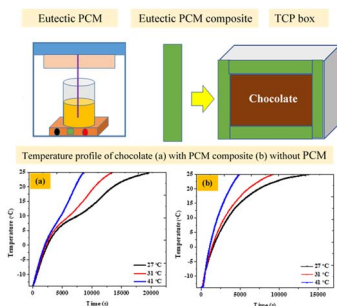
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Jieming Yuan, Yunkyoung Han, Krishnamoorthy Sathiyar, Virender K. Sharma,* Abdol Hadi Mokarizadeh, Mesfin Tsige, Jiechao Jiang and Xingmao Ma*

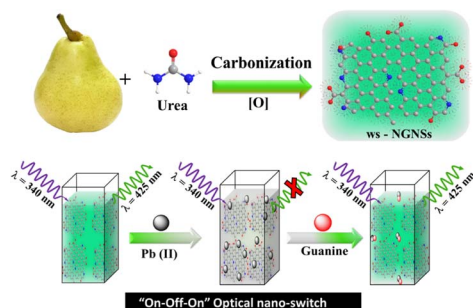
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A novel shape-stabilized phase change material with tunable thermal conductivity for cold chain applications

Prakhar Dixit, Apoorv Balwani, Tridib Ambardar, Vennapusa Jagadeeswara Reddy, Tushar Kanti Maiti, Adarsh Kumar Pandey, Aravind Dasari* and Sujay Chattopadhyay*

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Vijayendra Kumar Tripathi, Gouri Sankar Das, Raju Kumar Gupta, Manish Srivastava* and Kumud Malika Tripathi*

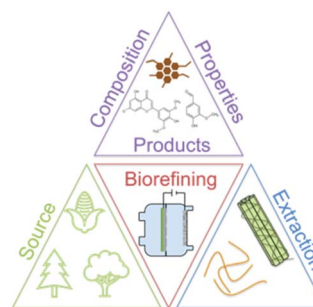


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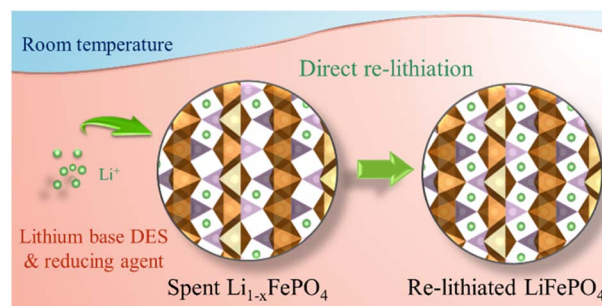
Natalia Obrzut, Rob Hickmott, Lily Shure and Kimberly A. Gray*



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Tanongsak Yingnakorn, Jennifer Hartley, Jason S. Terreblanche, Chunhong Lei, Wesley M. Dose and Andrew P. Abbott*



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Teresa Cecchi,* Zhaojing Gao, Christophe Clement, Yasser Matos Peralta, Olivier Girard and Clara Santato*

