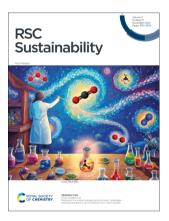
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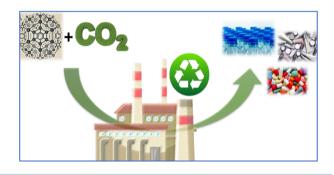
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CRITICAL REVIEW

Carboxylation reactions for the sustainable manufacture of chemicals and monomers

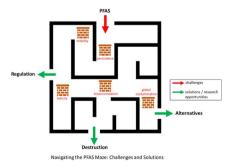
Laura Faba and Salvador Ordóñez*



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Emeka J. Itumoh, Shailja Data, Jack L.-Y. Chen, Melanie Kah,* Lokesh P. Padhye* and Erin M. Leitao*





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TUTORIAL REVIEWS

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Sustainability of hydrogen manufacturing: a review

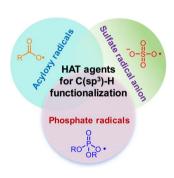
Satish Vitta



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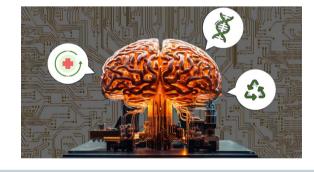
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João V. Paulin* and Carlos C. B. Bufon*

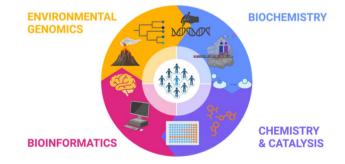


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Andrea Rodil, Ingemar von Ossowski, Mari Nyyssönen, Yufang Tian, Marleen Hallamaa, Jan Deska, Malin Bomberg and Silvan Scheller*



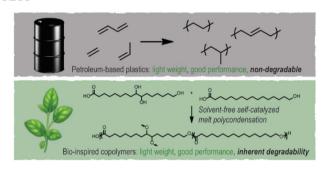
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Qaisar Maqbool, Klaus Dobrezberger, Julian Stropp, Martin Huber, Karl-Leopold Kontrus, Anna Aspalter, Julie Neuhauser, Thomas Schachinger, Stefan Löffler and Günther Rupprechter*

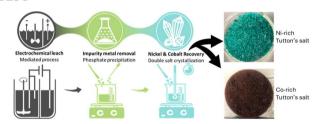
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Zewen Zhu, Joshua T. Damron, Jong K. Keum, Logan Kearney, Vera Bocharova* and Jeffrey C. Foster*

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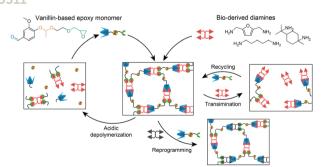


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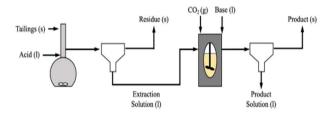
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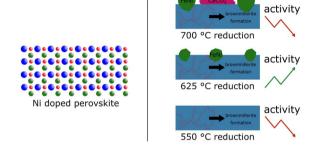
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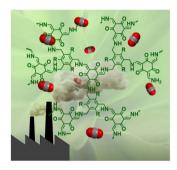
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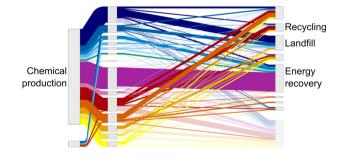
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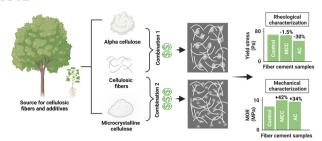
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Ruiyang Wen, Guoliang Shen,* Meiqi Zhang, Lejia Yang, Linlin Zhao, Haichen Wang and Xingzhu Han

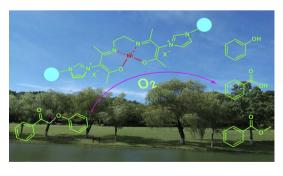
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Lab sustainability programs LEAF and My Green Lab®: impact, user experience & suitability

Bianca R. Schell and Nico Bruns*

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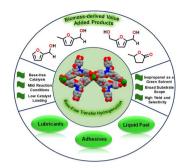
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Aashish, Ruchika Gupta and Rajeev Gupta*



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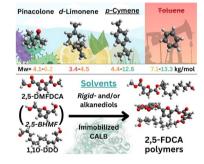
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Enzymatic polymerization of furan-based polymers in biobased solvents

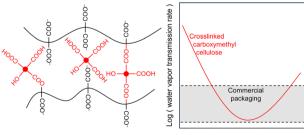
Fitrilia Silvianti, Dina Maniar, Tijn C. de Leeuw, Jur van Dijken and Katja Loos*



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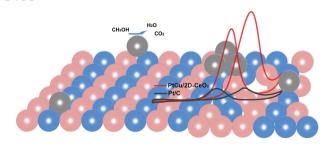
Low-water-permeability foils based on biorenewable cellulose derivatives

Tanner J. Hickman, Li Tao, Natalie Stingelin and J. Carson Meredith*



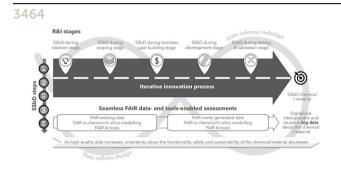
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Ultra-thin order-disorder CeO₂ nanobelts as the non-carbon support of the PtCu catalyst towards methanol oxidation and oxygen reduction reactions

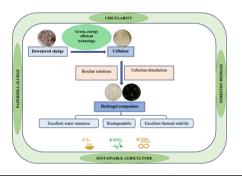
Han Zhi, Boda Dong, Xingxing Guo and Feng Xu*



The FAIR principles as a key enabler to operationalize safe and sustainable by design approaches

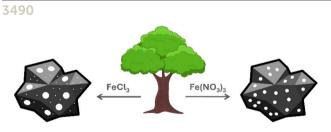
Achilleas Karakoltzidis, Chiara Laura Battistelli, Cecilia Bossa, Evert A. Bouman, Irantzu Garmendia Aguirre, Ivo Iavicoli, Maryam Zare Jeddi, Spyros Karakitsios, Veruscka Leso, Magnus Løfstedt, Barbara Magagna, Denis Sarigiannis, Erik Schultes, Lya G. Soeteman-Hernández, Vrishali Subramanian and Penny Nymark*

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Keerthana Ketheeswaran, Shegufta Shetranjiwalla,* Manokararajah Krishnapillai and Lakshman Galagedara*



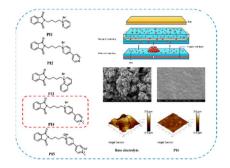
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Emily C. Hayward,* Glen J. Smales, Brian R. Pauw, Masaki Takeguchi, Alexander Kulak, Robert D. Hunter and Zoe Schnepp

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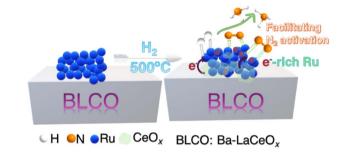
Kexin Du, Xuyang Li, Wenhao Zhou, Peikun Zou, Nayun Zhou, Xin Chen and Limin Wang*



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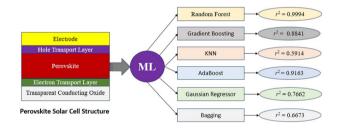
Kaiying Wang, Baitang Jin, Xiaoqing He and Xinhua Liang*



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Identifying the best ML model for predicting the bandgap in a perovskite solar cell

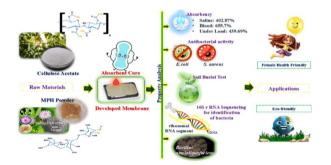
Nita Samantaray,* Arjun Singh* and Anu Tonk



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Utilization of green resource-based *Mimosa pudica* hydrogel powder in a cellulose acetate-based polymeric membrane as absorbent: a sustainable approach towards female hygiene application

Roshni Pattanayak, Sukanya Pradhan and Smita Mohanty*



CORRECTION

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Correction: Hydrochar from *Sargassum muticum*: a sustainable approach for high-capacity removal of Rhodamine B dye

D. Spagnuolo, D. Iannazzo, T. Len, A. M. Balu, M. Morabito, G. Genovese, C. Espro and V. Bressi*