## **Chem Soc Rev**

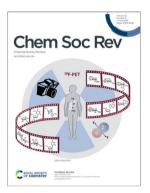
## Chemical Society Reviews

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ISSN 0306-0012 CODEN CSRVBR 52(11) 3593-3948 (2023)



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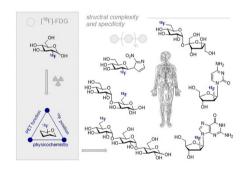
See Ryan Gilmour et al., pp. 3599–3626. Image reproduced by permission of Emma Campbell, Christina Jordan and Ryan Gilmour from Chem. Soc. Rev., 2023, 52, 3599.

#### **TUTORIAL REVIEWS**

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# Fluorinated carbohydrates for <sup>18</sup>F-positron emission tomography (PET)

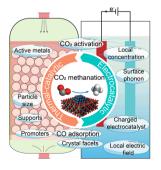
Emma Campbell, Christina Jordan and Ryan Gilmour\*



#### 3627

# Understanding the complexity in bridging thermal and electrocatalytic methanation of CO<sub>2</sub>

Hui Kang, Jun Ma, Siglinda Perathoner, Wei Chu, Gabriele Centi\* and Yuefeng Liu\*



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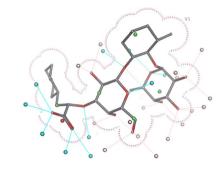


## **REVIEW ARTICLES**

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# Glycomimetics for the inhibition and modulation of lectins

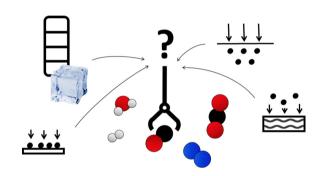
Steffen Leusmann, Petra Ménová, Elena Shanin, Alexander Titz\* and Christoph Rademacher\*



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# Carbon monoxide separation: past, present and future

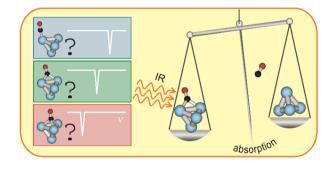
Xiaozhou Ma, Jelco Albertsma, Dieke Gabriels, Rens Horst, Sevgi Polat, Casper Snoeks, Freek Kapteijn, Hüseyin Burak Eral, David A. Vermaas, Bastian Mei, Sissi de Beer and Monique Ann van der Veen\*



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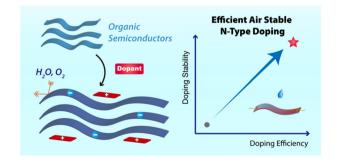
André Fielicke



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# Efficient and air-stable n-type doping in organic semiconductors

Dafei Yuan, Wuyue Liu and Xiaozhang Zhu\*



## **REVIEW ARTICLES**

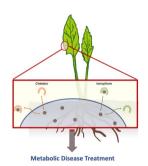
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Yujie Geng, Zhuo Wang,\* Jiaying Zhou, Mingguang Zhu, Jiang Liu and Tony D. James\*

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Vanessa J. Lee, Samuel E. Janisse and Marie C. Heffern\*