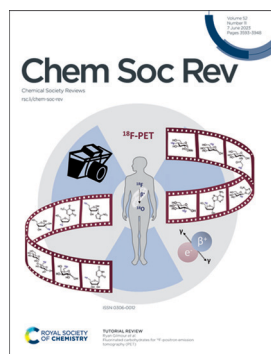


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### Cover

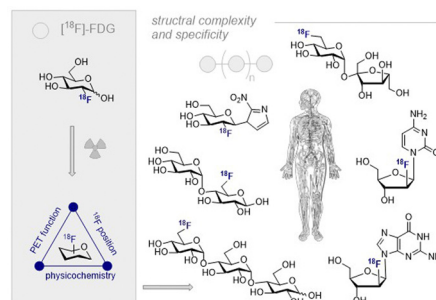
See Ryan Gilmour *et al.*, pp. 3599–3626.  
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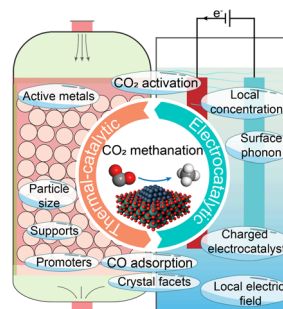
Emma Campbell, Christina Jordan and Ryan Gilmour\*



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### Understanding the complexity in bridging thermal and electrocatalytic methanation of $\text{CO}_2$

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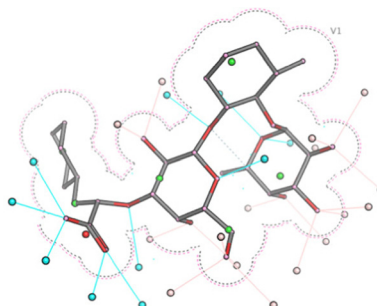


## REVIEW ARTICLES

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**Glycomimetics for the inhibition and modulation of lectins**

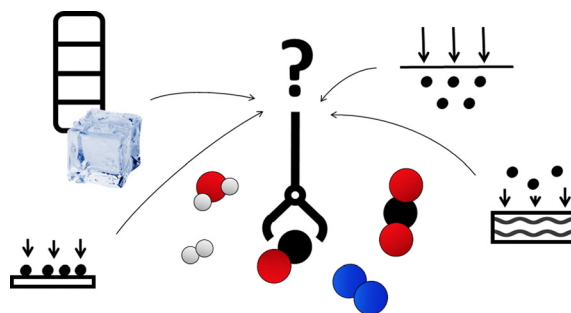
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**Carbon monoxide separation: past, present and future**

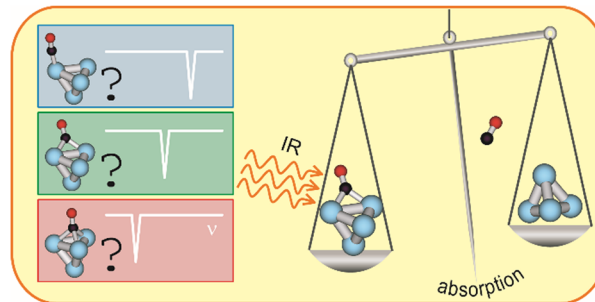
Xiaozhou Ma, Jelco Albertsma, Dieke Gabriels, Rens Horst, Sevgi Polat, Casper Snoeks, Freek Kapteijn, Hüseyin Burak Eral, David A. Vermaas, Bastian Mei, Sissi de Beer and Monique Ann van der Veen\*



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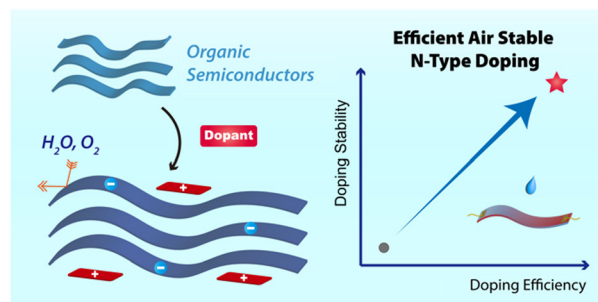
André Fielicke



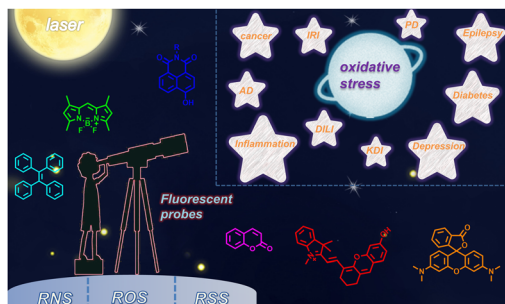
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Dafei Yuan, Wuyue Liu and Xiaozhang Zhu\*



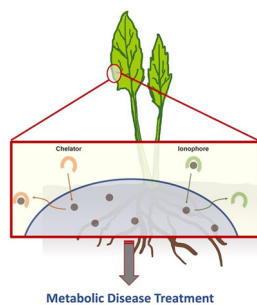
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### Recent progress in the development of fluorescent probes for imaging pathological oxidative stress

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

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### Plant-derived chelators and ionophores as potential therapeutics for metabolic diseases

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

