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See Tingjiang Yan, Na Li, Geoffrey A. Ozin *et al.*, pp. 573–584. Image reproduced by permission of Tingjiang Yan, Na Li and Geoffrey A. Ozin from *EES Catal.*, 2024, 2, 573.



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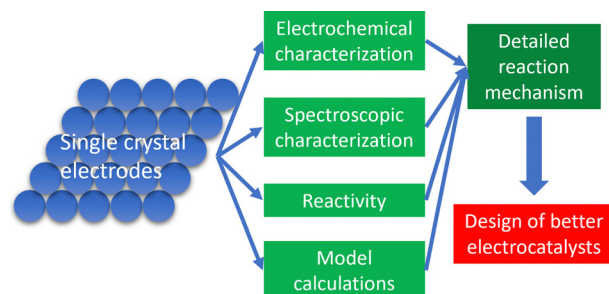
See Felix N. Büchi *et al.*, pp. 585–602. Image reproduced by permission of Paul Scherrer Institut from *EES Catal.*, 2024, 2, 585.

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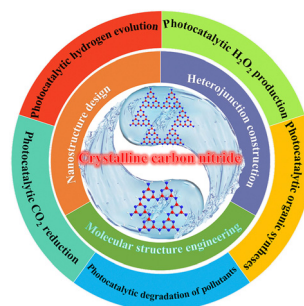
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Fundamental questions
Elemental answers

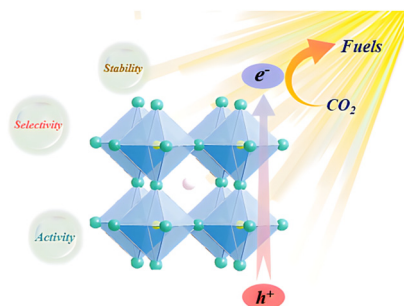


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Metal halide perovskites for CO₂ photoreduction: recent advances and future perspectives

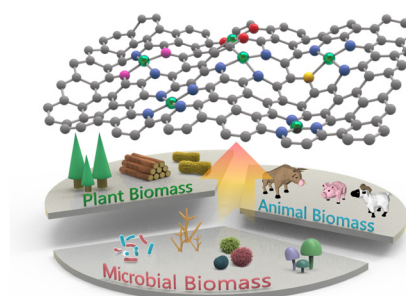
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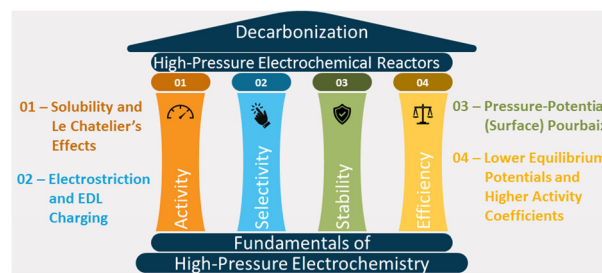


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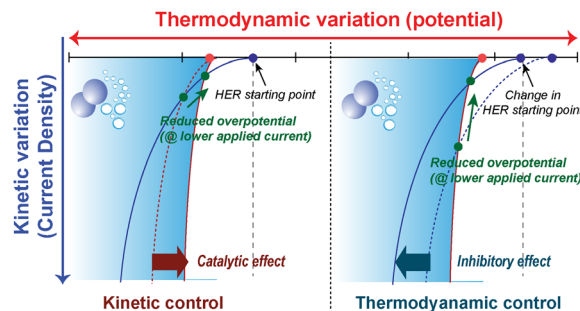
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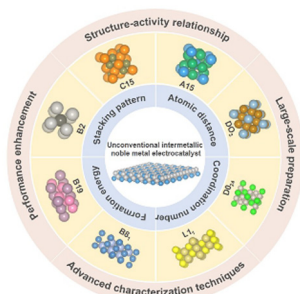
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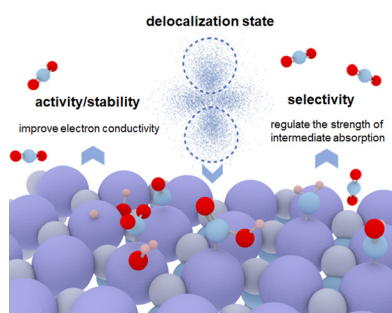
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Unconventional intermetallic noble metal nanocrystals for energy-conversion electrocatalysis

Zhuhuang Qin, Tanyuan Wang, Zhangyi Yao and Qing Li*

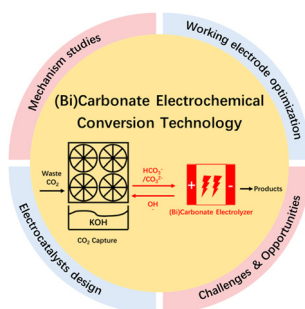
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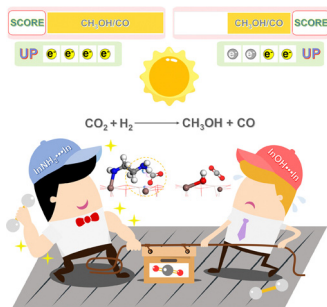


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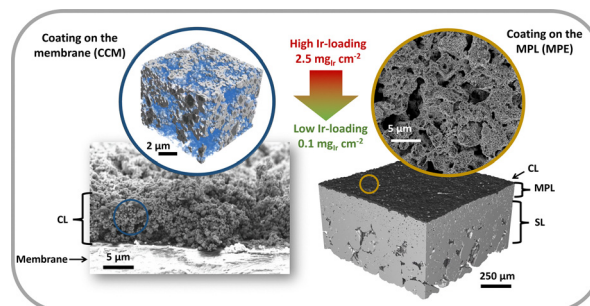
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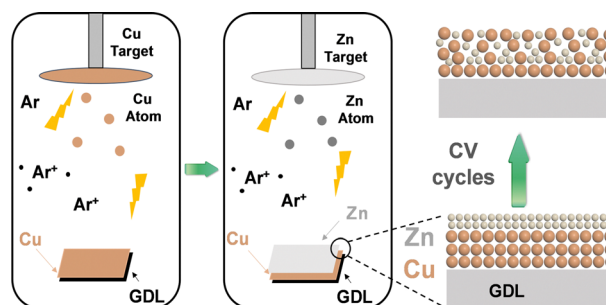
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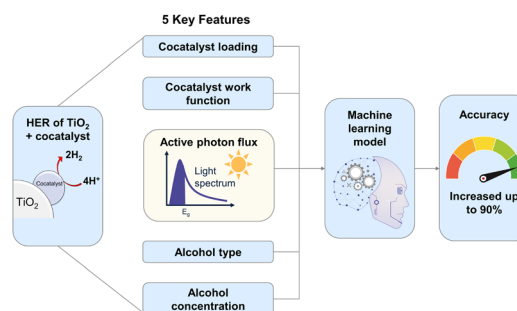
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Electrochemical trends of a hybrid platinum and metal–nitrogen–carbon catalyst library for the oxygen reduction reaction

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