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EDITORIAL

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Introduction to the themed issue on frontiers of hydrogen energy and fuel cells

Lior Elbaz,* Minhua Shao,* Jianglan Shui* and Carlo Santoro*



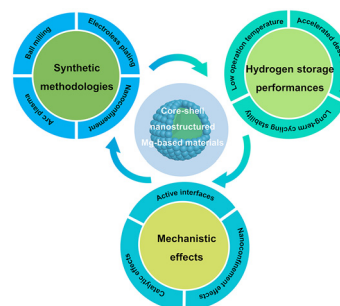
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Yinghui Li, Qiuyu Zhang, Li Ren, Zi Li, Xi Lin, Zhewen Ma, Haiyan Yang, Zhigang Hu and Jianxin Zou*



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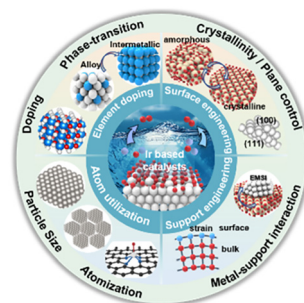


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Designing active and stable Ir-based catalysts for the acidic oxygen evolution reaction

Zijie Lin, Tanyuan Wang* and Qing Li*

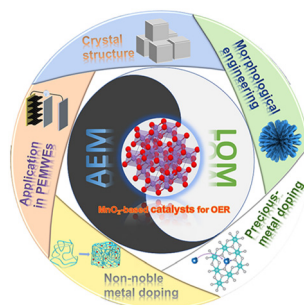


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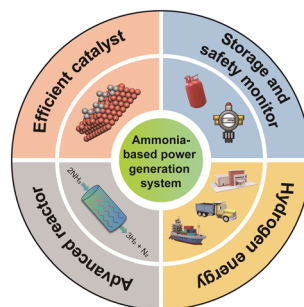


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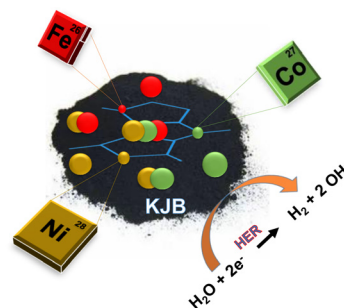


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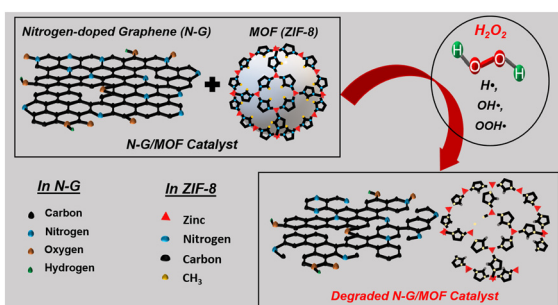
Mono-, bi- and tri-metallic platinum group metal-free electrocatalysts for hydrogen evolution reaction following a facile synthetic route

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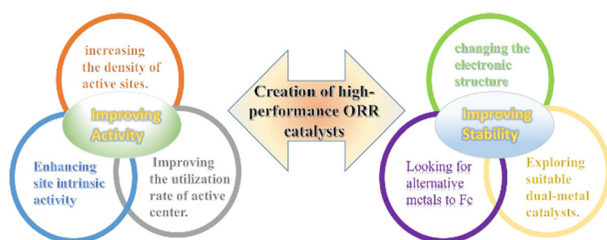


Hierarchically microporous membranes for highly energy-efficient gas separations

Shuangjiang Luo, Tianliang Han, Can Wang, Ying Sun, Hongjun Zhang, Ruilan Guo* and Suojing Zhang*

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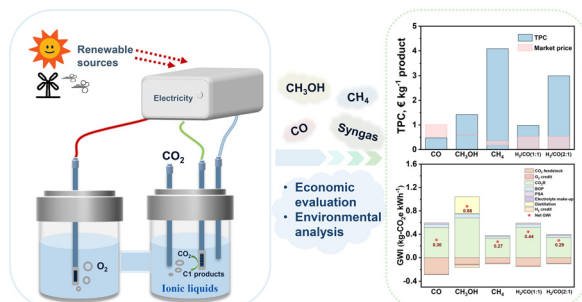
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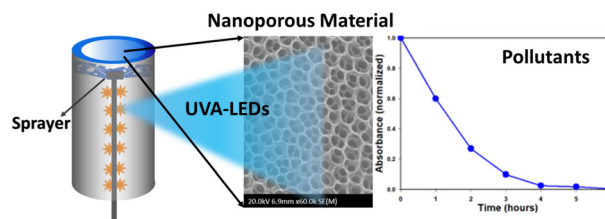
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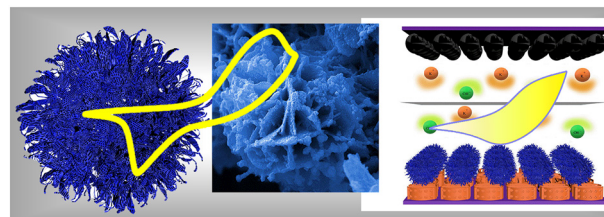
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