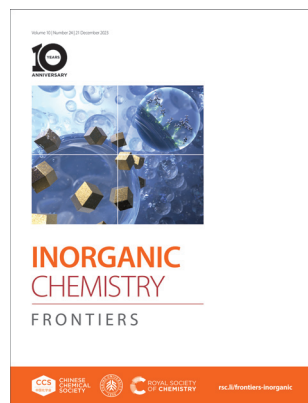


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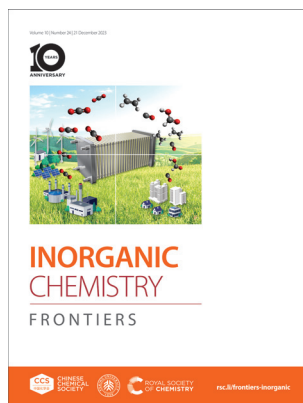
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#### Cover

See Juyeong Kim *et al.*, pp. 7146–7154.

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#### Inside cover

See Naohiro Fujinuma and Samuel E. Lofland, pp. 7095–7108.

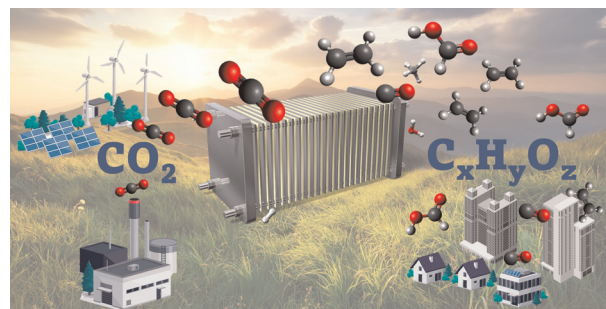
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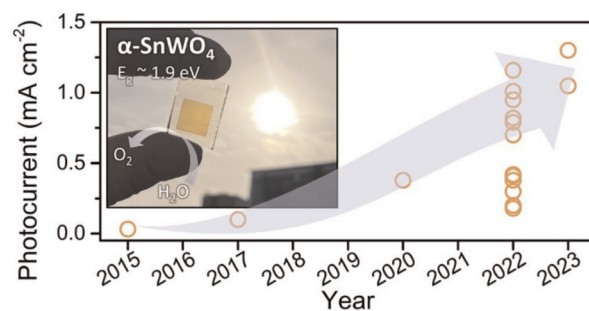
Naohiro Fujinuma\* and Samuel E. Lofland\*



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#### Recent progress in the development of tin tungstate ( $\alpha$ -SnWO<sub>4</sub>) photoanodes for solar water oxidation

Heejung Kong and Fatwa F. Abdi\*



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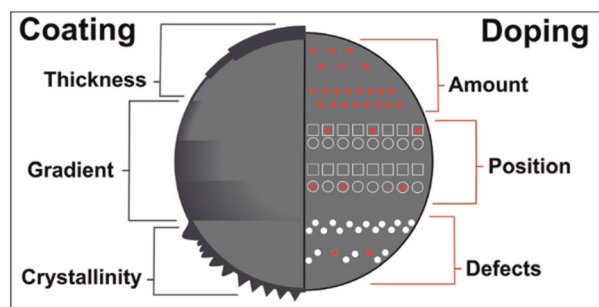


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**The role of niobium in layered oxide cathodes for conventional lithium-ion and solid-state batteries**

Barbara Nascimento Nunes,\* Wessel van den Bergh,\* Florian Strauss, Aleksandr Kondrakov, Jürgen Janek and Torsten Brezesinski\*

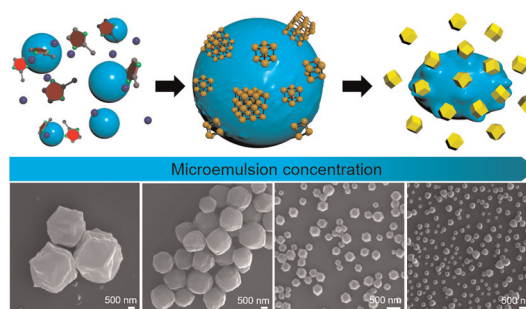


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**Soft seed-mediated dimensional control of metal–organic framework nanocrystals through oil-in-water microemulsions**

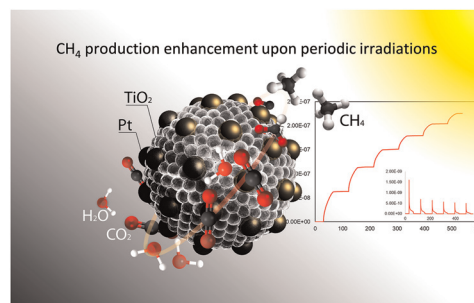
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**Exploring the effect of the reaction conditions on the mechanism of the photocatalytic reduction of CO<sub>2</sub> in the vapor phase over Pt/TiO<sub>2</sub>: an *operando* FTIR study**

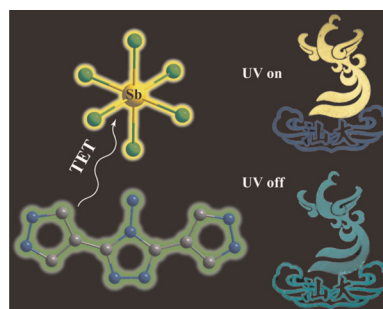
Joudy Dankar,\* Virgile Rouchon, Céline Pagis, Mickael Rivallan and Mohamad El-Roz\*



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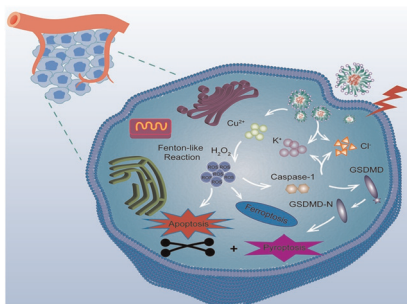
**Efficient triplet energy transfer in a 0D metal halide hybrid with long persistence room temperature phosphorescence for time-resolved anti-counterfeiting**

Jie Li, Jingjie Wu, Yonghong Xiao, Longshi Rao, Ruosheng Zeng,\* Ke Xu, Xiao-Chun Huang, Jin Z. Zhang and Binbin Luo\*



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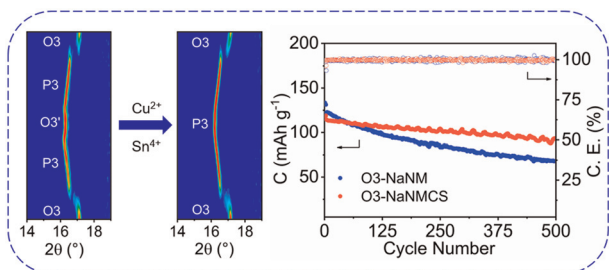
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### Copper-based inorganic nanozymes enhance the electrical conductivity of tumors to synergistically induce the pyroptosis, ferroptosis, and apoptosis of tumors

Xia Qin, Jianmin Xiao, Huimin Li, Hai Huang, Hongyuan Jin, Yu Zhang, Geng Tian, Gang Wang\* and Guilong Zhang\*

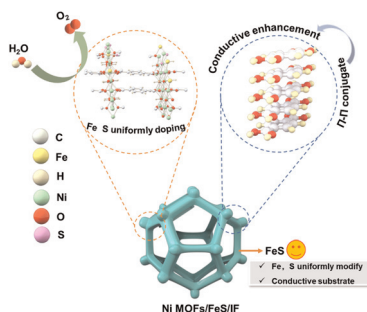
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Zhaohui Liang, Meng Ren, Yihe Guo, Tong Zhang, Xiuling Gao, Hua Ma and Fujun Li\*

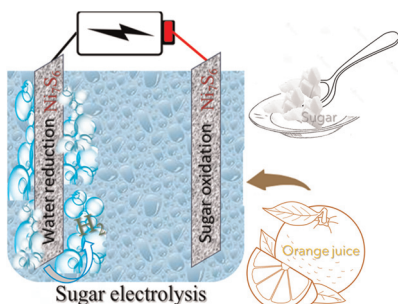
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Supriya A. Patil, Atul C. Khot, Kalyani D. Kadam, Hoa Thi Bui, Hyunsik Im and Nabeen K. Shrestha\*



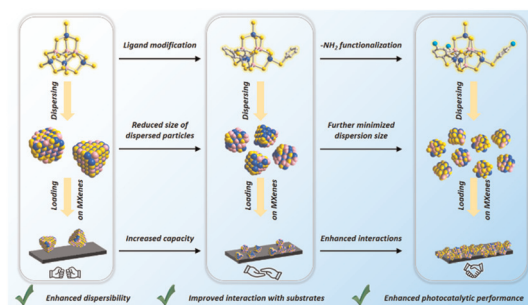


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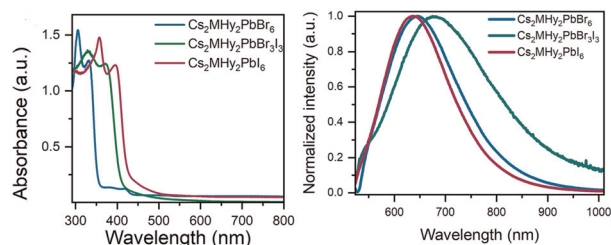
Jin Wu, Qiang Fu, Zixin Wu, Peipei Sun, Xing Zhu, Ying Wang, Ning Chen, Dong-Sheng Li and Tao Wu\*



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### Zero-dimensional mixed-cation hybrid lead halides with broadband emissions

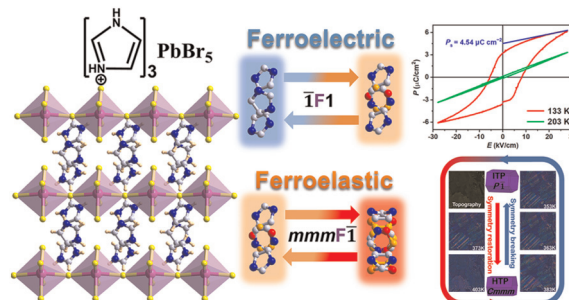
Mirośław Mączka,\* Dawid Drozdowski, Dagmara Stefańska and Anna Gaḡor



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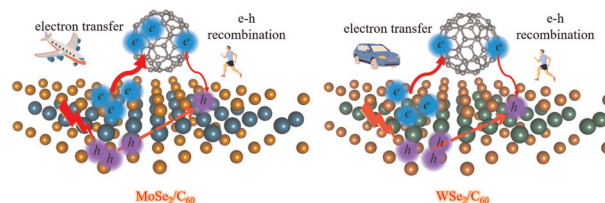
Hao-Fei Ni, Jia-He Lin, Chang-Feng Wang, Qing-Feng Luo, Pei-Zhi Huang, Zhi-Xu Zhang,\* Da-Wei Fu\* and Yi Zhang\*



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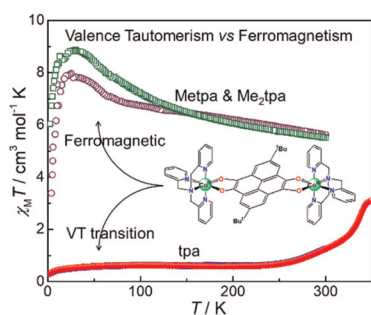
### MoSe<sub>2</sub>/C<sub>60</sub> heterojunction may be efficient for photovoltaic applications: time-domain *ab initio* analysis of interfacial charge separation and recombination dynamics

Pingzhi Zhang, Ting Xue, Zhiguo Wang, Wei Wei, Xiaoyin Xie,\* Ran Jia\* and Wei Li\*



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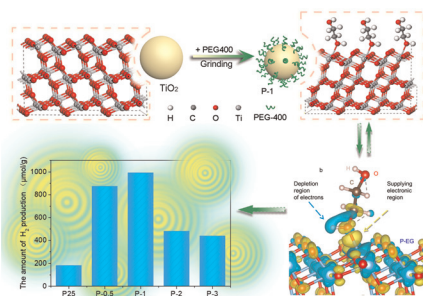
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Yu-Meng Zhao, Jia-Ping Wang, Xiang-Yi Chen, Meng Yu,\* Alyona A. Starikova\* and Jun Tao\*

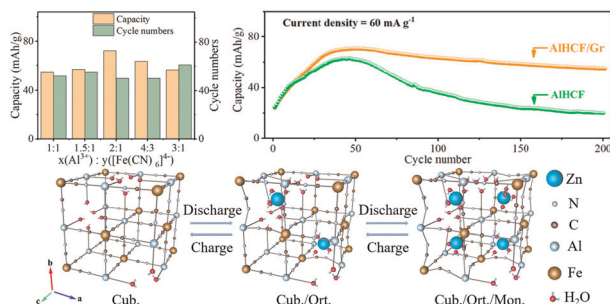
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### Construction of surface electron island by a simple organic molecule adsorption strategy: tuning the energy band structure and boosting the photocatalytic performance

Jindou Hu, Xiaoyan Lu, Dilireba Turgan, Anjie Liu, Zhenjiang Lu, Jing Xie and Yali Cao\*

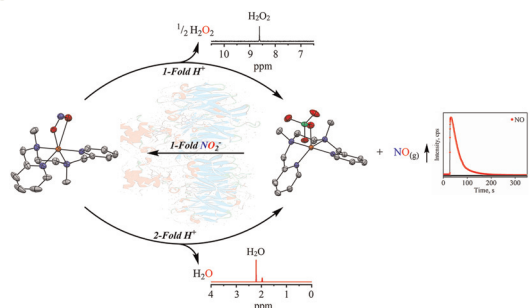
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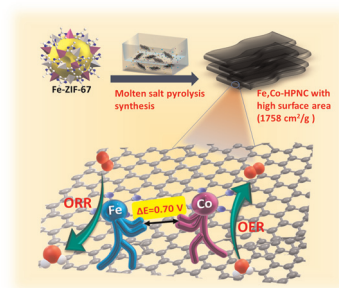


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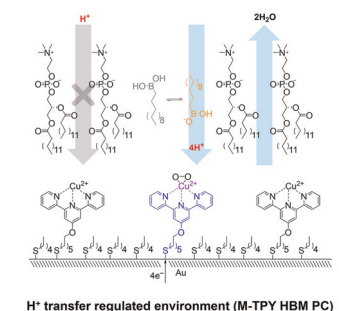
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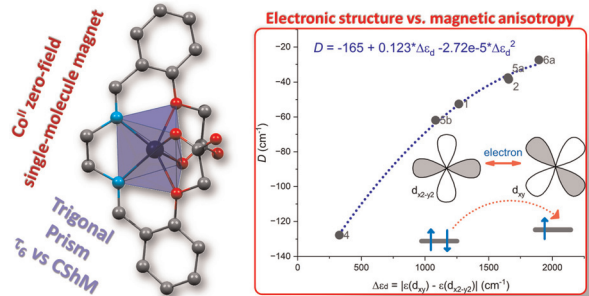
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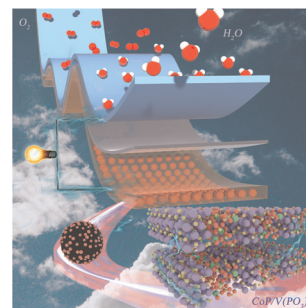
Kamil Kotrle, Ivan Nemeč, Peter Antal, Kamila Petrželová, Erik Čizmar and Radovan Herchel\*



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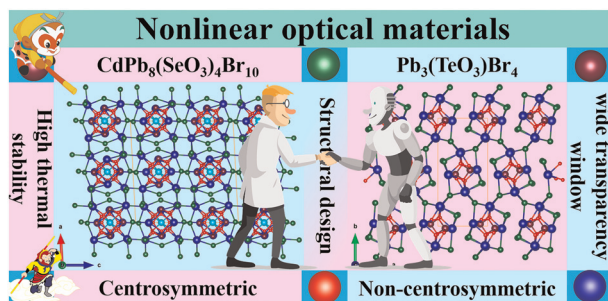
### Boosting oxygen reduction of well-dispersed CoP/V(PO<sub>3</sub>)<sub>3</sub> sites *via* geometric and electronic engineering for flexible Zn–air batteries

Zuyang Luo, Fengli Wei, Junlin Gong, Lixia Wang, Zhiyang Huang, Tayirjan Taylor Isimjan\* and Xiulin Yang\*



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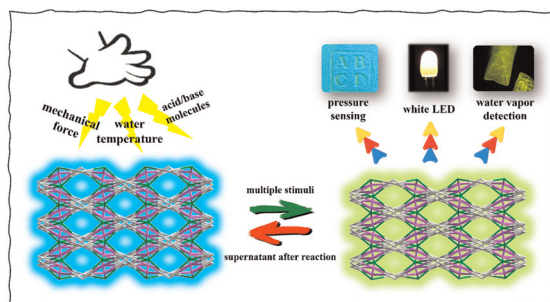
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Peng-Fei Li, Chun-Li Hu, Bing-Xuan Li, Jiang-Gao Mao and Fang Kong\*

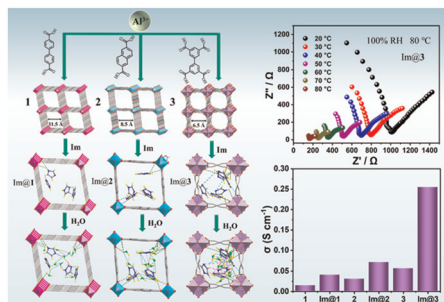
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Chen Wang, Ting Zhang, Li-Xian Sun, Yong-Heng Xing\* and Feng-Ying Bai\*

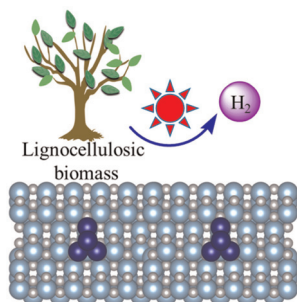
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