**Single-Atom Catalysis (2022-2024)**

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1. **Achieving Negatively Charged Pt Single Atoms on Amorphous Ni(OH)2 Nanosheets with Promoted Hydrogen Absorption in Hydrogen Evolution (Communication)**

Yue Liu, Gui Liu, Xiangyu Chen, Chuang Xue, Mingke Sun, Yifei Liu, Jianxin Kang, Xiujuan Sun & Lin Guo

Nano-Micro Lett. 16, 202 (2024). <https://doi.org/10.1007/s40820-024-01420-6>

1. **Building Feedback-Regulation System Through Atomic Design for Highly Active SO2 Sensing (Article)**

Xin Jia, Panzhe Qiao, Xiaowu Wang, Muyu Yan, Yang Chen, Bao-Li An, Pengfei Hu, Bo Lu, Jing Xu, Zhenggang Xue & Jiaqiang Xu

Nano-Micro Lett. 16, 136 (2024). <https://doi.org/10.1007/s40820-024-01350-3>

1. **Atomically Dispersed Ruthenium Catalysts with Open Hollow Structure for Lithium–Oxygen Batteries (Article)**

Xin Chen, Yu Zhang, Chang Chen, Huinan Li, Yuran Lin, Ke Yu, Caiyun Nan & Chen Chen

Nano-Micro Lett. 16, 27 (2024). <https://doi.org/10.1007/s40820-023-01240-0>

1. **Exploring the Roles of Single Atom in Hydrogen Peroxide Photosynthesis (Review)**

Kelin He, Zimo Huang, Chao Chen, Chuntian Qiu, Yu Lin Zhong & Qitao Zhang

Nano-Micro Lett. 16, 23 (2024). <https://doi.org/10.1007/s40820-023-01231-1>

1. **Oxygen-Coordinated Single Mn Sites for Efficient Electrocatalytic Nitrate Reduction to Ammonia (Article)**

Shengbo Zhang, Yuankang Zha, Yixing Ye, Ke Li, Yue Lin, Lirong Zheng, Guozhong Wang, Yunxia Zhang, Huajie Yin, Tongfei Shi & Haimin Zhang

Nano-Micro Lett. 16, 9 (2024). <https://doi.org/10.1007/s40820-023-01217-z>

1. **Advances on Axial Coordination Design of Single-Atom Catalysts for Energy Electrocatalysis: A Review (Review)**

Linjie Zhang, Na Jin, Yibing Yang, Xiao-Yong Miao, Hua Wang, Jun Luo & Lili Han

Nano-Micro Lett. 15, 228 (2023). <https://doi.org/10.1007/s40820-023-01196-1>

1. **PtNi-W/C with Atomically Dispersed Tungsten Sites Toward Boosted ORR in Proton Exchange Membrane Fuel Cell Devices (Article)**

Huawei Wang, Jialong Gao, Changli Chen, Wei Zhao, Zihou Zhang, Dong Li, Ying Chen, Chenyue Wang, Cheng Zhu, Xiaoxing Ke, Jiajing Pei, Juncai Dong, Qi Chen, Haibo Jin, Maorong Chai & Yujing Li

Nano-Micro Lett. 15, 143 (2023). <https://doi.org/10.1007/s40820-023-01102-9>

1. **Improved Plasmonic Hot-Electron Capture in Au Nanoparticle/Polymeric Carbon Nitride by Pt Single Atoms for Broad-Spectrum Photocatalytic H2 Evolution (Article)**

Manyi Gao, Fenyang Tian, Xin Zhang, Zhaoyu Chen, Weiwei Yang & Yongsheng Yu

Nano-Micro Lett. 15, 129 (2023). [https://doi.org/10.1007/s40820-023-01098-2](%20https:/doi.org/10.1007/s40820-023-01098-2)