

## 主要科技成果目录（169 篇研究论文）

- 1) Chen Zhu, Junsheng Xin, Jing Li, Hao Li, Xi Kang\*, **Yong Pei\***, Manzhou Zhu\* Fluorescence or Phosphorescence? The Metallic Composition of Nanocluster Kernel Does Matter[J]. *Angewandte Chemie International Edition*, 2022, DOI: 10.1002/anie.202205947.
- 2) Lanyan Li, Pu Wang\*, **Yong Pei\*** Thermodynamic Descriptors for Structural Stability and Ligand Compatibility of Thiolate-Protected Gold Nanoclusters[J]. *The Journal of Physical Chemistry C*, 2022, **126(19)**: 8519–8529.
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- 4) Jing Li, Pu Wang, **Yong Pei\*** Ligand Shell Isomerization Induces Different Fluorescence Origins of Two Au<sub>28</sub> Nanoclusters[J]. *The Journal of Physical Chemistry Letters*, 2022, **13(16)**: 3718–3725.
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- 12) Canjun Liu, Linmei Chen, Xin Su, Shu Chen\*, Jie Zhang, Heping Yang, **Yong Pei\*** Activating a TiO<sub>2</sub>/BiVO<sub>4</sub> Film for Photoelectrochemical Water Splitting by Constructing a Heterojunction Interface with a Uniform Crystal Plane Orientation[J]. *ACS Applied Materials & Interfaces*, 2022, **14(1)**: 2316–2325.
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- 23) Tingting Sun, Xiaomei Zhao, Bo Li, Hongbo Shu\*, Lipan Luo, Wenlong Xia, Manfang Chen, Peng Zeng, Xiukang Yang, Ping Gao, **Yong Pei\***, Xianyou Wang\* NiMoO<sub>4</sub> Nanosheets Anchored on N-S Doped Carbon Clothes with Hierarchical Structure as a Bidirectional Catalyst toward Accelerating Polysulfides Conversion for Li-S Battery[J]. *Advanced Functional Materials* 2021, **31(25)**: 2101285.
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