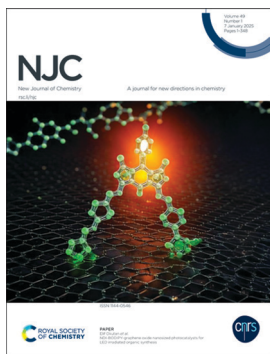


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### Cover

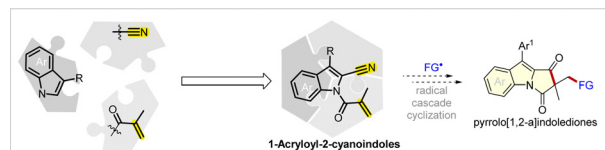
See Elif Okutan *et al.*, pp. 18–27. Image reproduced by permission of Elif Okutan from *New J. Chem.*, 2025, 49, 18. Cover image generated by Adobe Firefly.

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### Construction of 1-acryloyl-2-cyanoindoles: unveiling their potential in radical cascade cyclization

Wei Luo, Anxiang Huang, Zhong Chen\* and Bing Yu\*

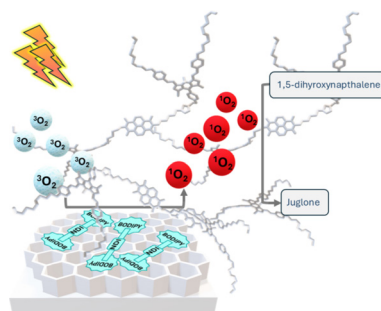


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Hande Eserci Gürbüz, Ezel Öztürk Gündüz, Ümmügülsum Büyükpolat and Elif Okutan\*



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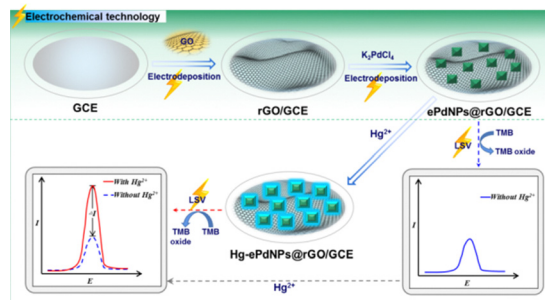
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Fundamental questions  
Elemental answers

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## A highly selective mercury ion electrochemical detection based on the enhancement of oxidase-like activity by mercury on electrodeposited palladium nanoparticles@reduced graphene oxide

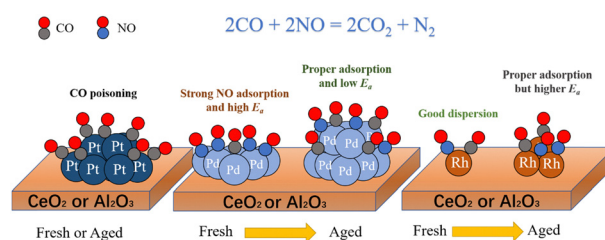
Zhiguang Liu, Miaomiao Li, Xiaofang Zheng, Xiaolin Jia and Yujing Guo\*



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## Unraveling the nature of platinum group metal catalysts' performance in NO reduction by CO: difference and relevance

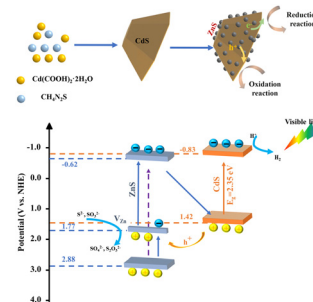
Jinshi Dong,\* Shengtong Li, Hongli Yang, Ting Li, Yu Song, Jiaqiang Yang\* and Qianqian Jin\*



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## Heterojunctions of ZnS with Zn vacancies and hexagonal CdS pyramids for photocatalytic hydrogen production

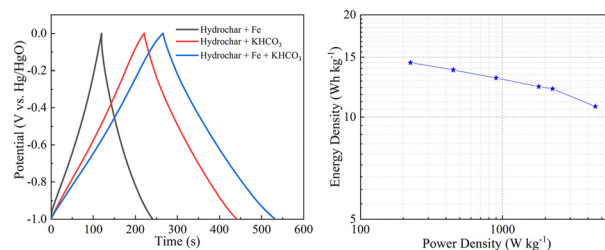
Nannan Li, Kai An, Haojie Liu, Xu Guo, Lijun Yang\* and Xiaoze Du



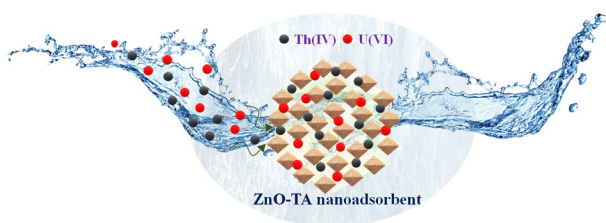
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## Mild chemical-activated hydrothermal porous carbon derived from durian peel biomass for an electrochemical supercapacitor

Liuji Wang, Xueji Ma, Zihua Ma,\* Pengfa Li and Wenbo Li



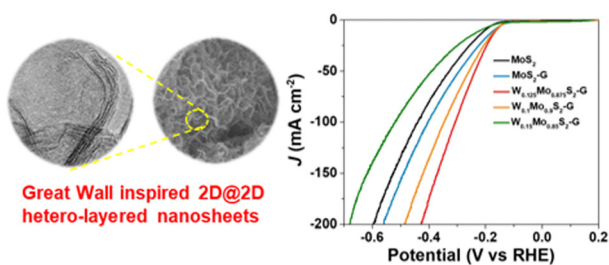
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### Remobilization of ZnO–TA nanoadsorbent for U(VI) and Th(IV) extraction: adsorption optimization through the Box–Behnken design model

Manish Sharma, Priya Sharma, Payal Taneja, Vikash Chandra Janu and Ragini Gupta\*

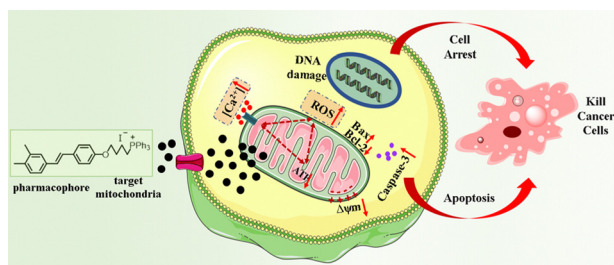
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Sainan Ma, Qing Yan,\* Huiqin Gui, Ruiqin Gao, Luohuan Zhang, Xiaojing Bai\* and Kui Cheng\*

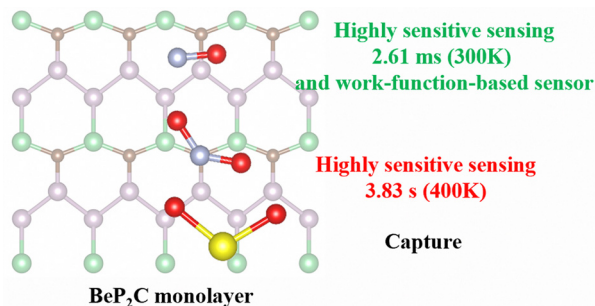
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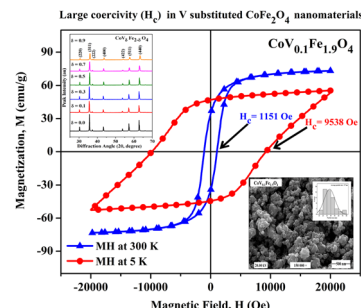
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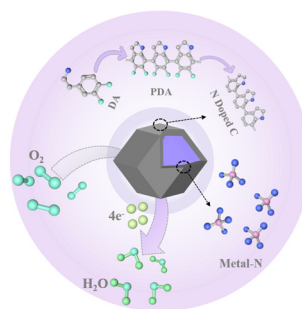
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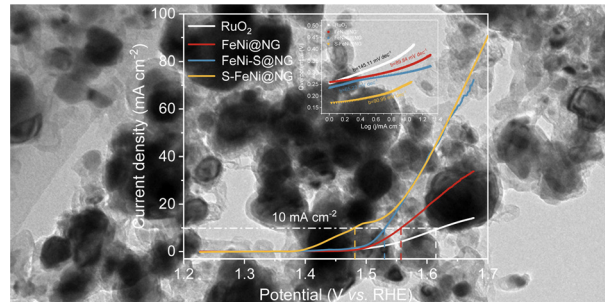
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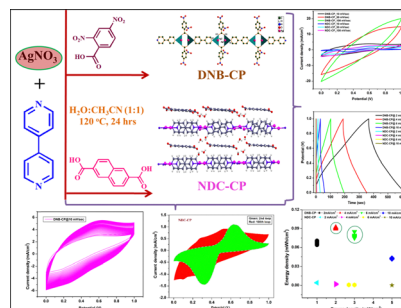
Rumeng Feng, Lu Chen, Liping Huang,\* Haihong Wu, Yuanyu Ge, Jiani Xu,\* Min Zeng and Wenyao Li\*



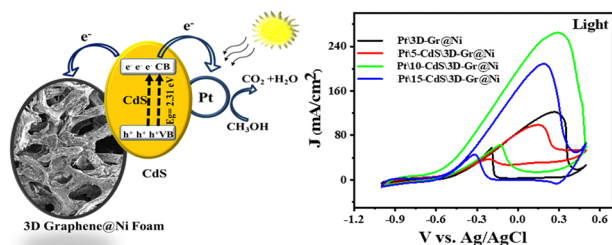
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### Insight into the diversity of dimensionality in silver-based coordination polymers for enhanced supercapacitor performance

Rupali Kaur, Neeraj Yadav, Laxman Gouda and Amanpreet Kaur Jassal\*



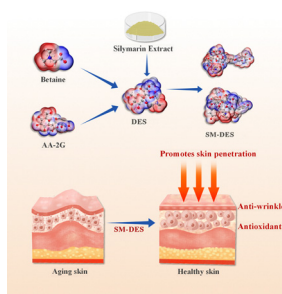
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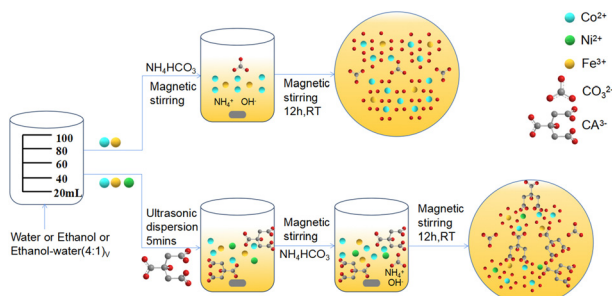
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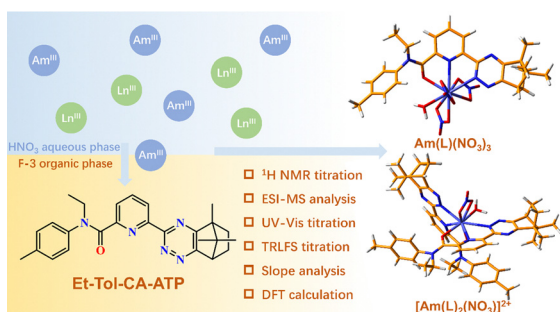
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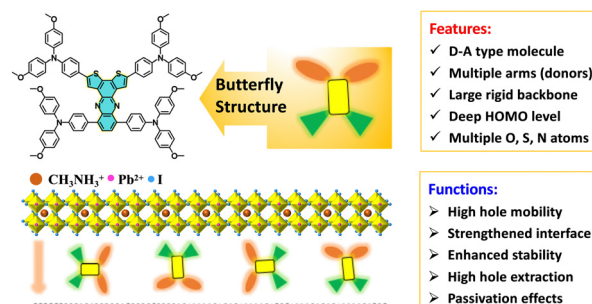
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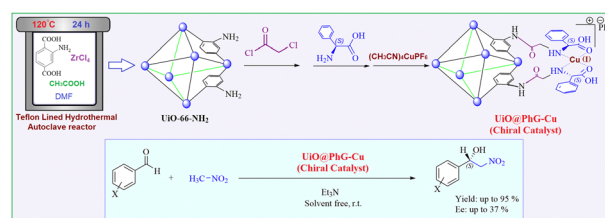
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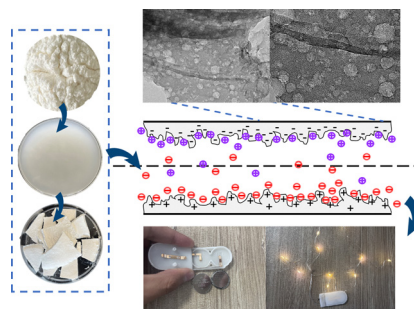
Khadijeh Rasolinia, Hamid Arvinnezhad and Saadi Samadi\*



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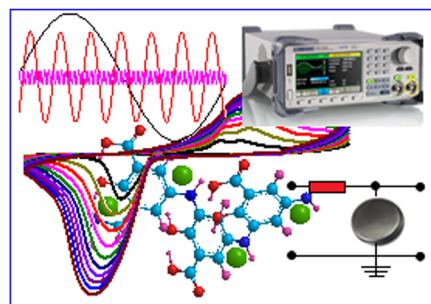
Kai Yang, Xinfeng Huang, Yuchun Zhang\* and Peng Fu\*



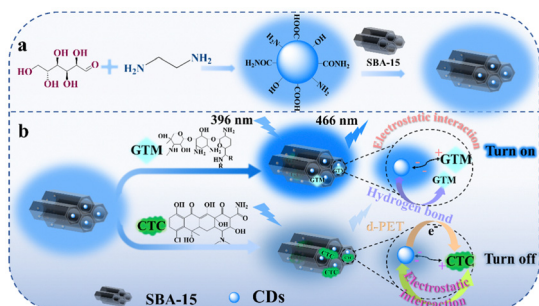
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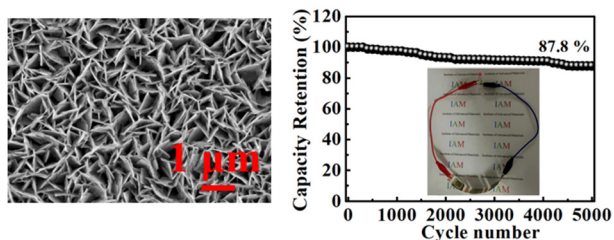
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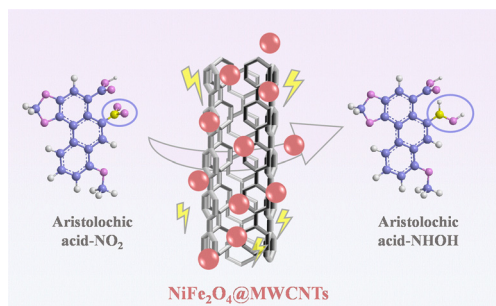
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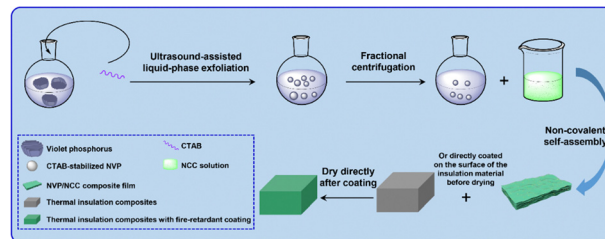
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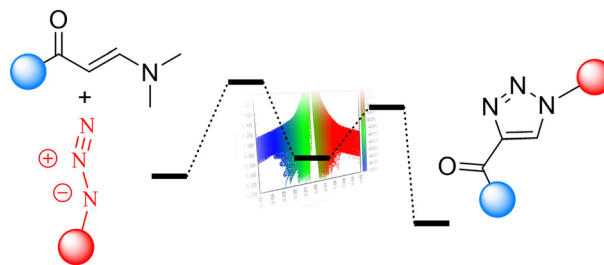
Lihui Zhang, Ting Du, Bingjia Wang, Yiping Tang, Changji Yin, Zixi Chang, Chunbao Du,\* Yuan Cheng\* and Gang Zhang\*



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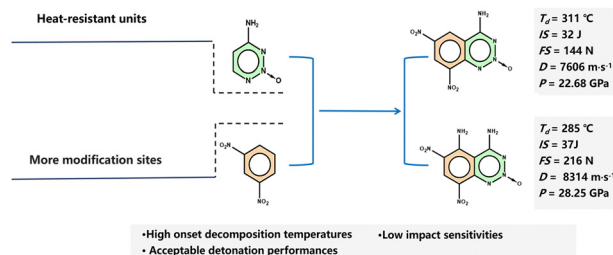
Mohammad Abd Al-Hakim Badawi,\* Maram Dagher, Abdullah Yahya Abdullah Alzahrani, Ali A. Khairbek and Renjith Thomas\*



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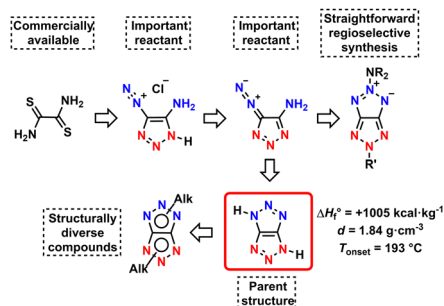
Ziwu Cai, Junhao Shi, Qian Yu, Tianyu Jiang and Wenquan Zhang\*



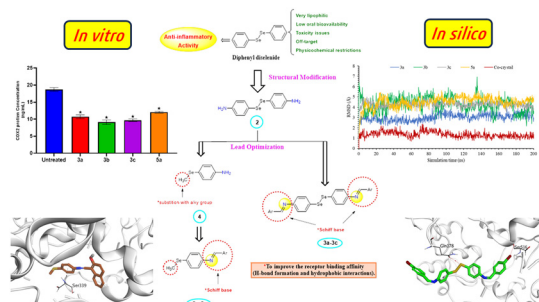
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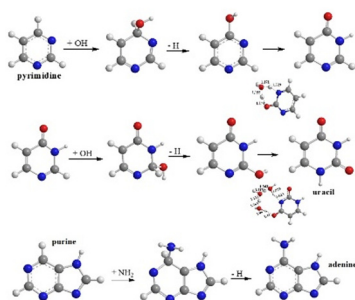
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### Unveiling the anti-inflammatory potential of organoselenium Schiff bases: computational and *in vitro* studies

Saad Shaaban,\* Tarek A. Yousef, Hanan A Althikrallah, Yasair S. Al-Faiyz, Ibrahim Elghamry, Marwa Sharaky, Radwan Alnajjar and Ahmed A. Al-Karmalawy\*

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### Expression of concern: Phytic acid-doped poly-*N*-phenylglycine potato peels for removal of anionic dyes: investigation of adsorption parameters

Kahina Bouhadjra, Alexandre Barras, Wahiba Lemlikchi, Ahmed Addad, Manash R. Das, Mohammed A. Amin, Sabine Szunerits and Rabah Boukherroub\*

