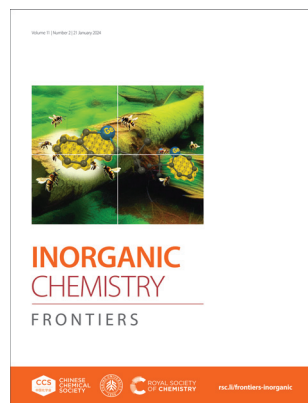


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See Yoshiyuki Mizuhata *et al.*, pp. 400–408.

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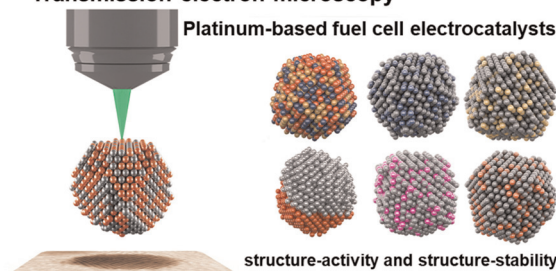
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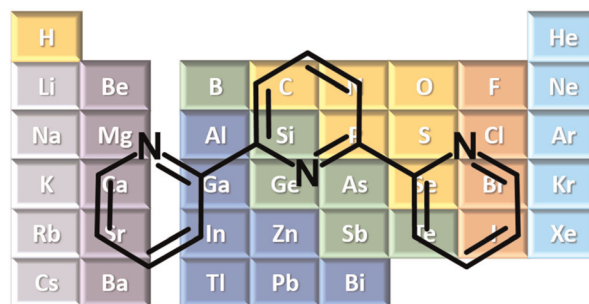
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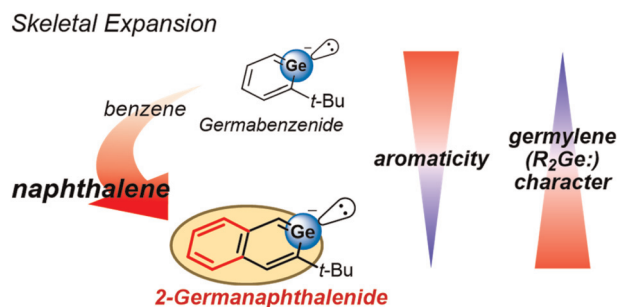
Fundamental questions
Elemental answers

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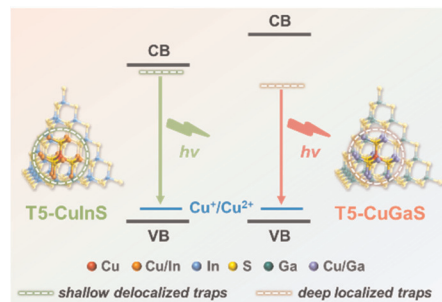
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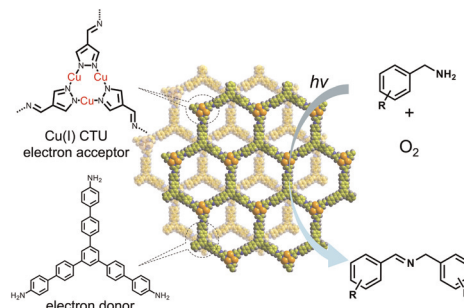
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Imine-linked donor-acceptor metal-organic frameworks for an efficient photocatalytic oxidative coupling reaction

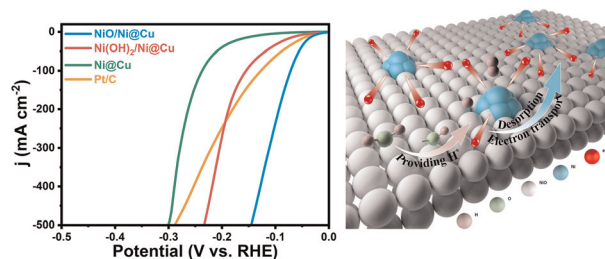
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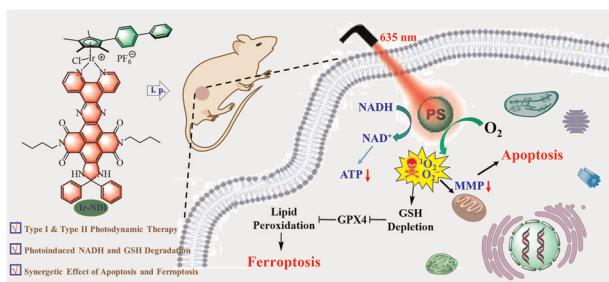
Ultrastable and highly efficient hydrogen evolution by heterogeneous NiO/Ni catalysts under industrial electrolysis conditions

Feng Chen, Wenfeng Peng, Junshuang Zhou,* Xuezheng Ma, Yan Wang, Ying Zhang and Faming Gao*



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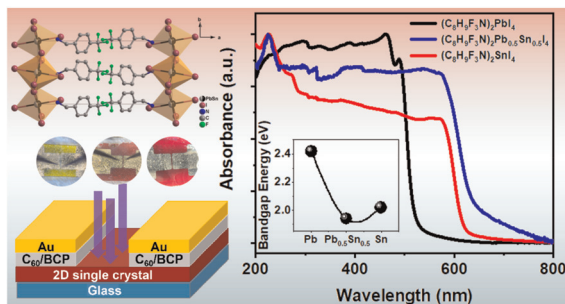
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An electron-accepting half-sandwich iridium(III) complex for the treatment of hypoxic tumors via synergistic chemo- and phototherapy

Yuliang Yang, Ya Gao, Jian Zhao* and Shaohua Gou*

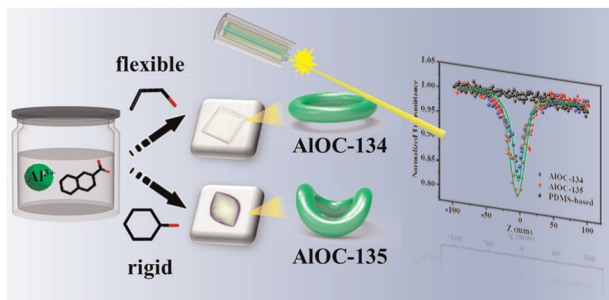
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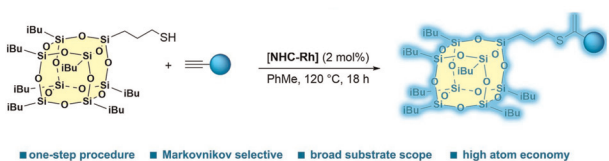
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Highly effective synthesis of mercapto-functionalized cubic silsesquioxanes as the first step in designing advanced nano-delivery systems

Kamil Hanek, Monika Wałęsa-Chorab and Patrycja Żak*

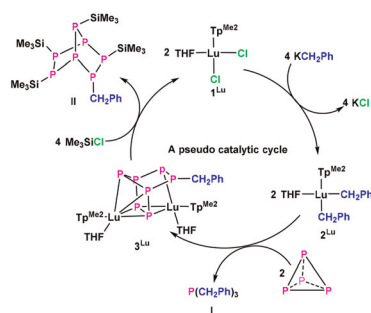


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A rare-earth-mediated conversion of white phosphorus into PBN_3 and highly functionalized norbornane- P_7

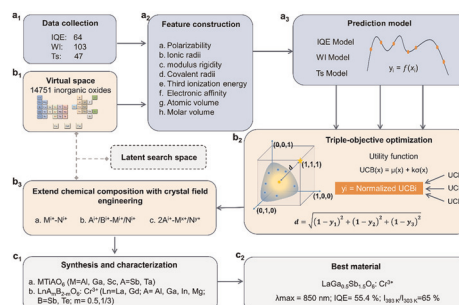
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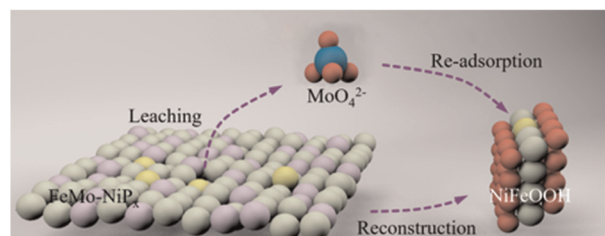
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Molybdate ion leaching and re-adsorption facilitate structural and electronic modulation of nickel-iron catalysts for seawater electrolysis

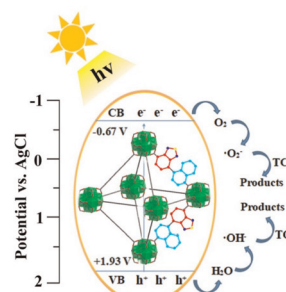
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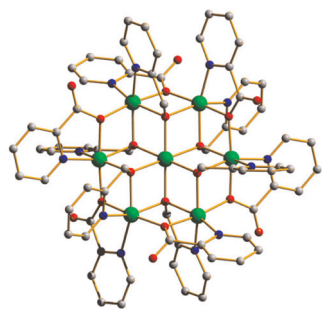
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Jinqiang Xu, Ting Zhou, Ye Bi, Huadong Guo,* Yanan Su, Lishan Wang, Mingxue Shao, Yan Wang and Xianmin Guo*



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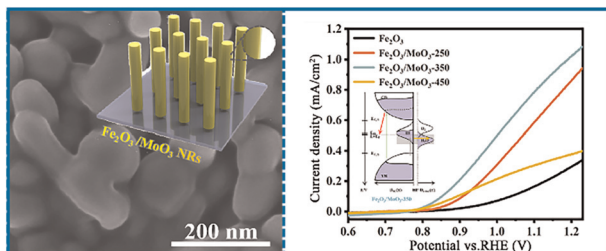
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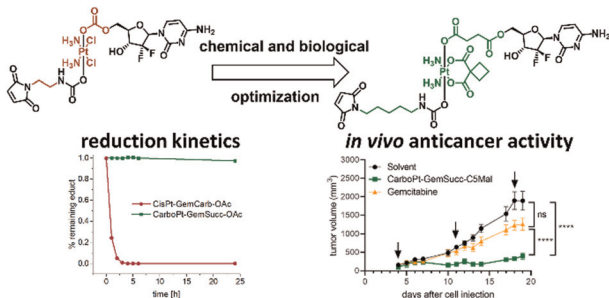
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Boosting the photoelectrochemical water splitting of Fe_2O_3 by surface-state regulation

Shanshan Jiang, Xinxin Zhang, Madiha Nawaz, Xiaoxing Fan* and Ran Tao*

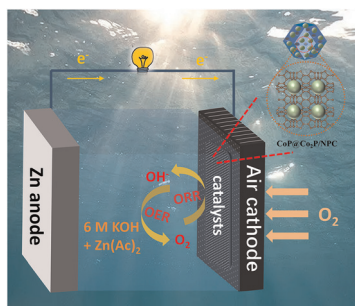
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Interfacial engineering of cobalt phosphide heterostructures confined in N,P-doped carbon for efficient bifunctional electrocatalysis in Zn–air batteries

Zongxu Li, Yonghang Zeng, Dongbin Xiong, Lina Zhou, Jiangqing Zhou, Yahui Yang, Faqi Zhan, Kai Wang, Yue Du* and Yisi Liu*

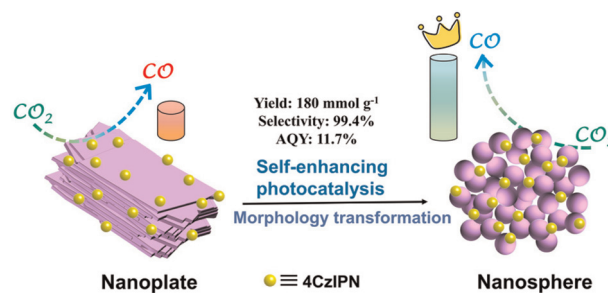


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Photoinduced morphological transformation of a self-assembled iron(II) coordination polymer: high-performance, non-precious metal, and self-enhancing photocatalytic CO₂ reduction

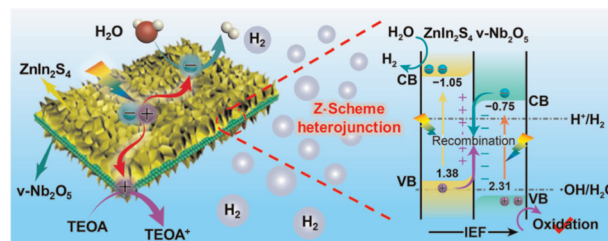
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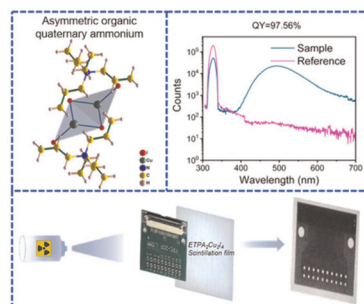
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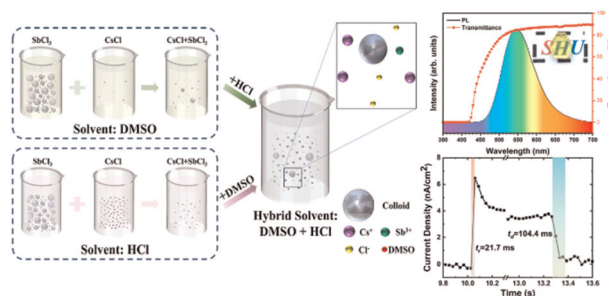
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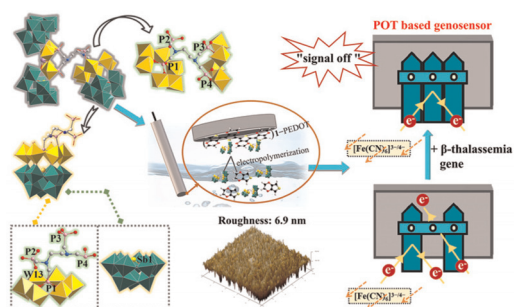
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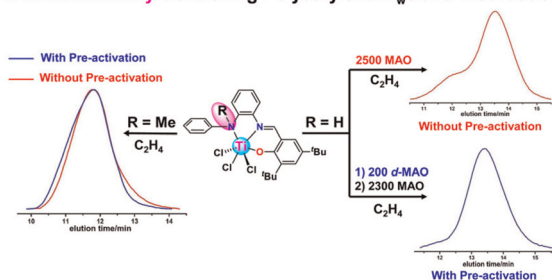


A multifunctional organophosphoric ligand-templated poly(polyoxotungstate) with potential in building a genosensor for thalassemia gene detection

Wenshu Zhang, Zixu Wang, Mengya Cao, Dan Wang,*
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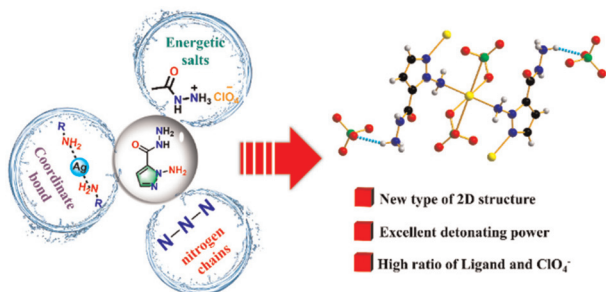
N-H Functionality Controlling Polyethylene M_w s and Distributions



Influence of the N–H functionality on activating O, N,N-titanium complexes and controlling polyethylene molecular weights and distributions

Jiliang Tian, Zhihao Gao, Yongxin Liu, Pierre Braunstein,*
Shaofeng Liu* and Zhibo Li*

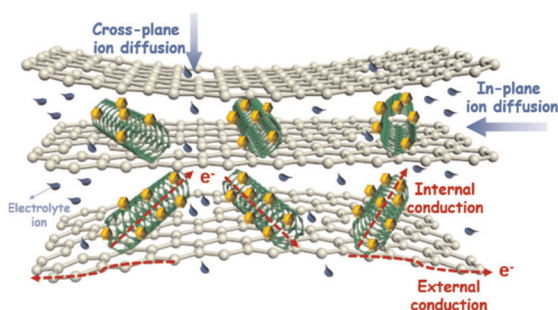
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Synthesizing new Bi-structure energetic coordination compounds using ternary components

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Porous graphene/CNT@metal (hydr)oxide composite films achieving fast ion and electron kinetics for asymmetric supercapacitors with ultra-high volumetric performance

Chunjuan Qiu, Baoquan Hou, Lili Jiang,* Huimin Shi,
Jie Chen, Xiaoming Zhou, Xuena Lu, Jian Shi and
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