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See Ravinder Pawar *et al.*, pp. 1125–1139.

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Inside cover
See Fathima Thanha Thazhe Nambooorikandy and Pattiyil Parameswaran, pp. 1140–1148.

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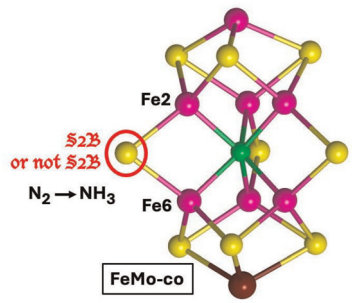
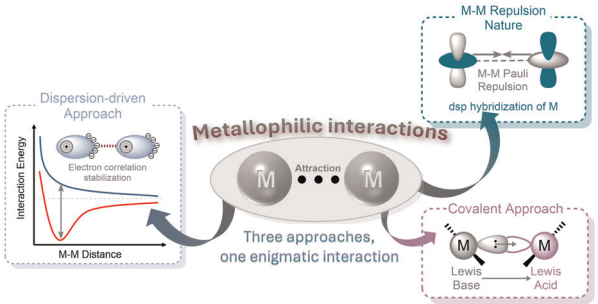
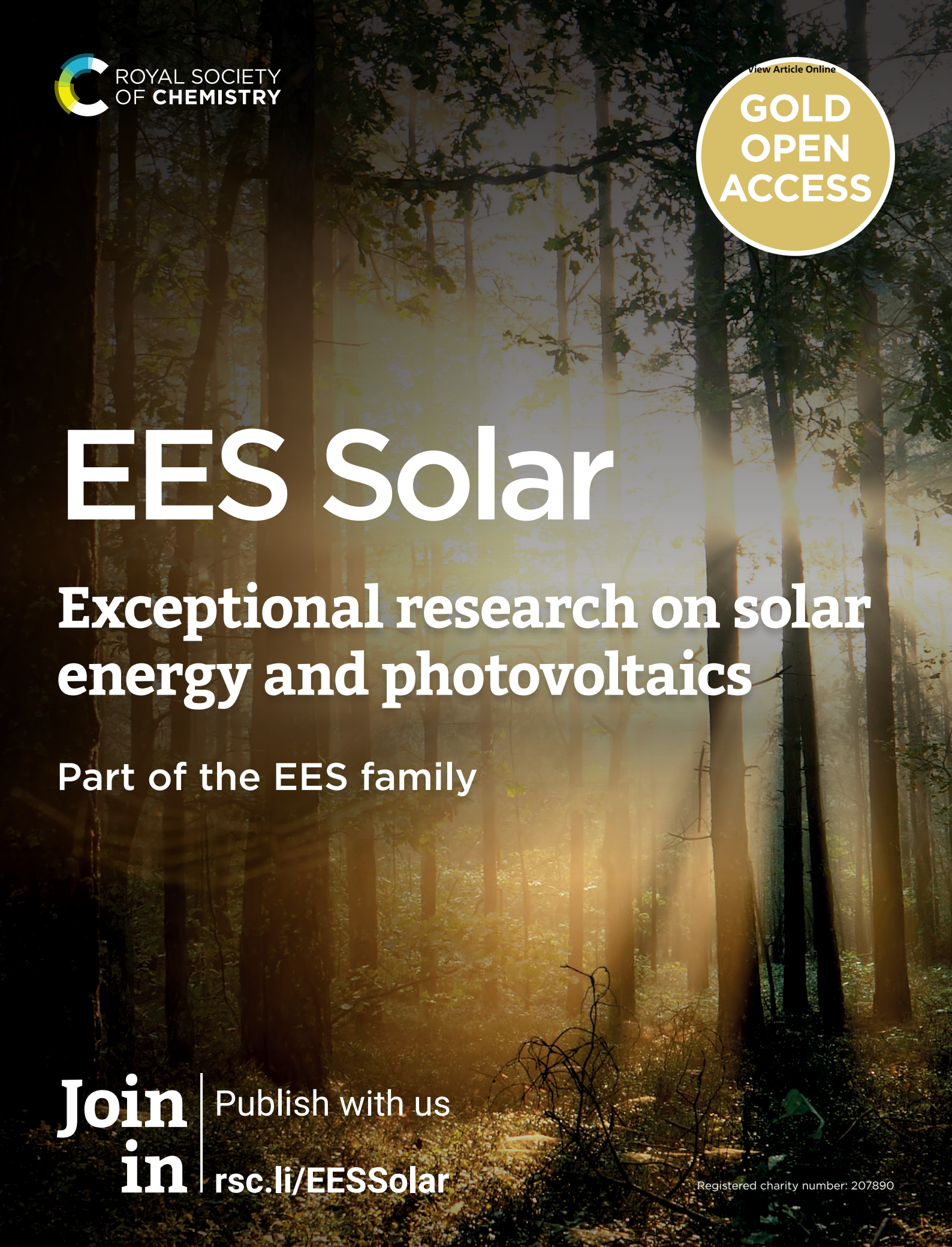
PERSPECTIVES



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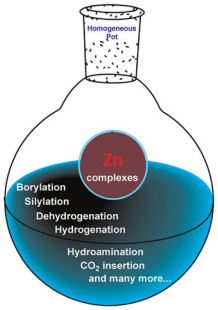

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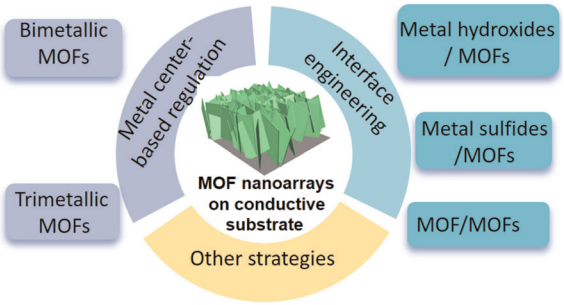

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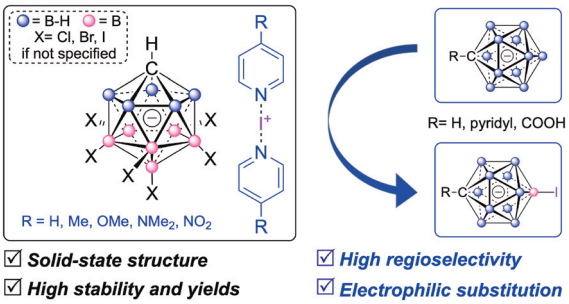

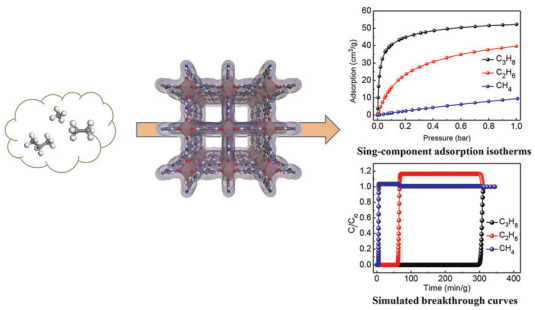

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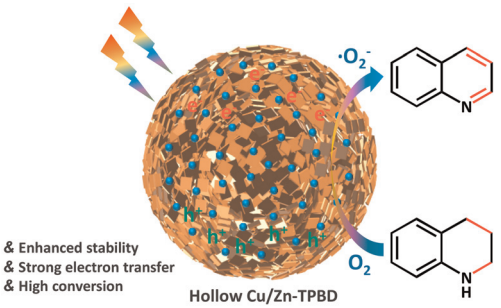

Ostwald ripening-induced hollow photoactive Zn-MOF-confined electron-deficient Cu NPs for enhanced photocatalytic oxidative dehydrogenation to quinoline

Leixin Hou,* Yanli Chen, Ziyan Li, Congfa Bian, Youyi Li, Mi Zhang, Guilin Wen, Daofu Liu and Huilin Huang*

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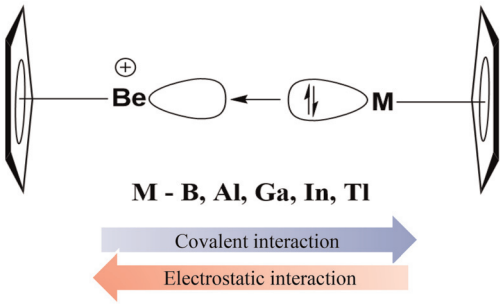
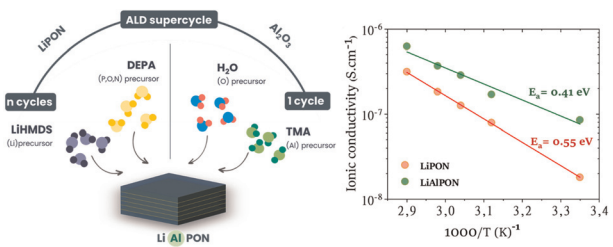
Can silaborane serve as an effective bridging unit for Lewis pairs? A comparative discourse with carborane

Mohmmad Faizan, Zaid Malik, Madem Sandhya and Ravinder Pawar*



Cationic beryllium–group 13 heterobimetallic dimetallocenes with a donor–acceptor bond

Fathima Thanha Thazhe Nambooorikandy and Pattiyil Parameswaran*



Unveiling the structural and electrochemical effects of Al_2O_3 incorporation within LiPON electrolyte thin films by atomic layer deposition

Ilyass Ghandari,* Nicolas Gauthier, Névine Rochat, Sylvain Poulet, Lara Casiez, Manon Letiche, Violaine Salvador, Hélène Coudert-Alteirac, Nicolas Vaxelaire, Mikhael Bechelany and Messaoud Bedjaoui*

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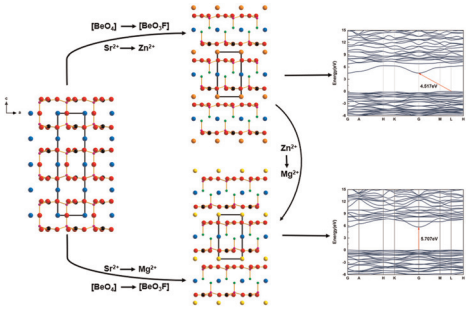

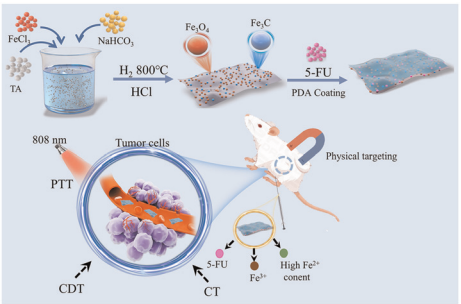

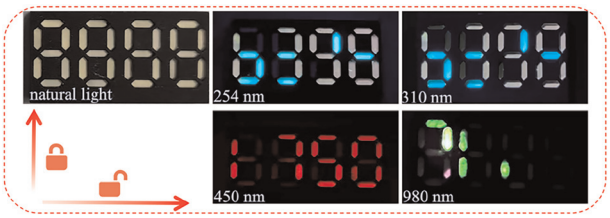

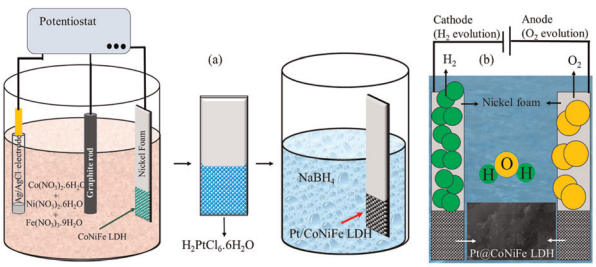

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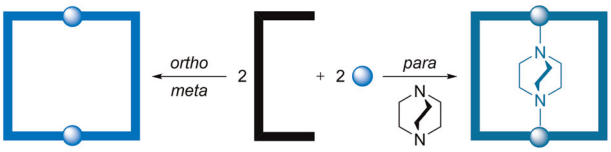

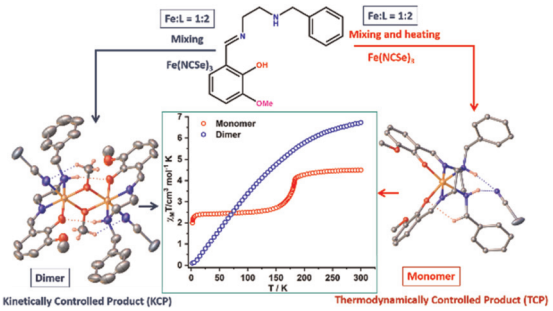

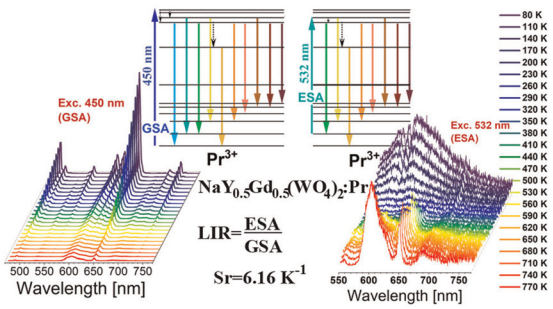

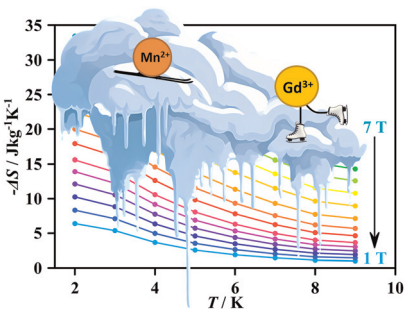

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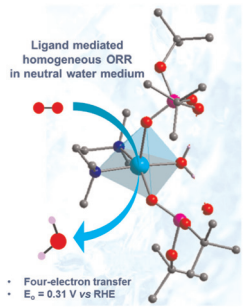

Ligand-mediated modulation in copper(II) complexes for four-electron oxygen reduction in neutral medium

Savi Chaudhary and Ramaswamy Murugavel*

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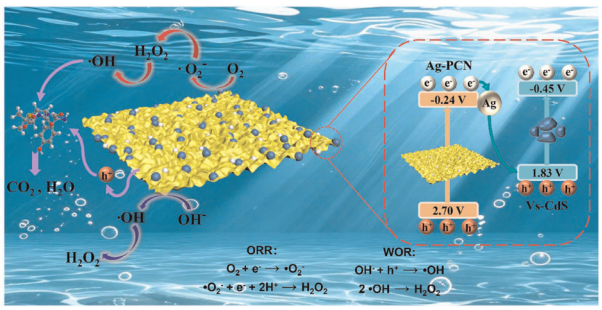

A defect engineered Z-scheme polymeric C_3N_4/CdS heterojunction mediated by Ag boosts dual-channel H_2O_2 production with synergistic antibiotic degradation

Yongjian Sun, Xiangdong Wang, Hui Liu, Xintao Feng, Andre Lennox Olayemi Macauley, Wenli Zhang, Yinhua Jiang,* Yan Liu, Jianming Zhang and Haiqing Xu*

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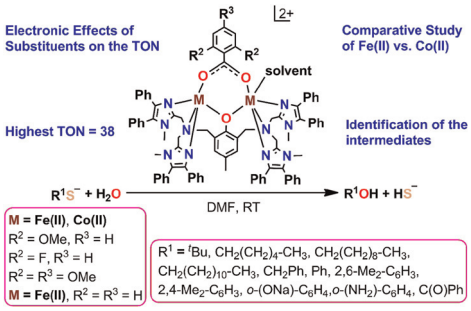

Electronic effects of substituents on the catalytic conversion of thiolates to alcohols by carboxylate bridged nonheme binuclear Fe(II) and Co(II) complexes

Anuj Baran Chakraborty, Rajib Hazra, Srimayee Mukherjee and Amit Majumdar*

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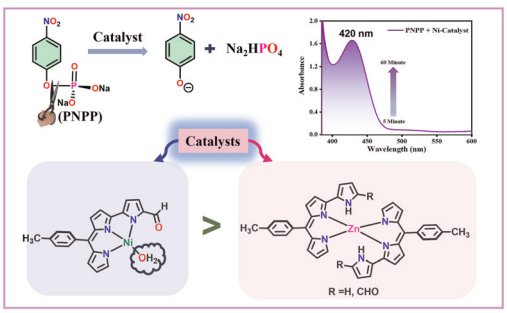

Synthesis of Ni(II) and Zn(II) complexes of pyrrolyl dipyrrins and their biomimetic role in catalyzing the hydrolysis of the phospho-ester bond

Pinky Chauhan, Abani Sarkar and Mangalampalli Ravikanth*

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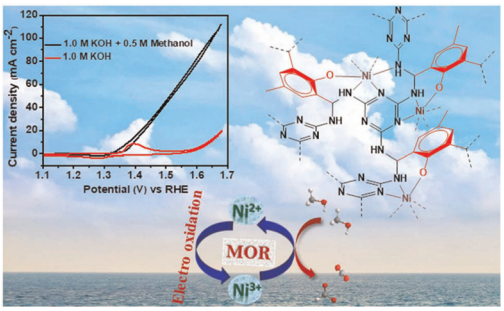

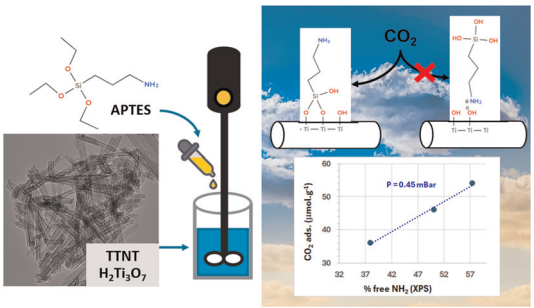

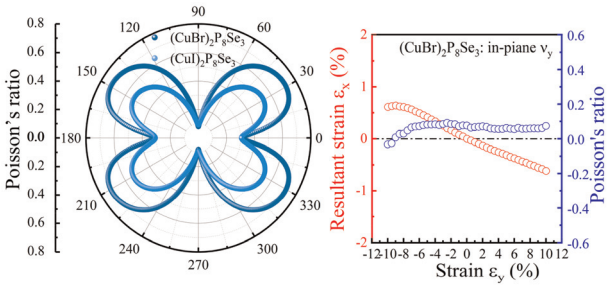

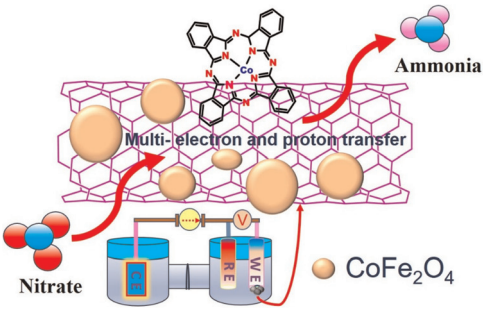

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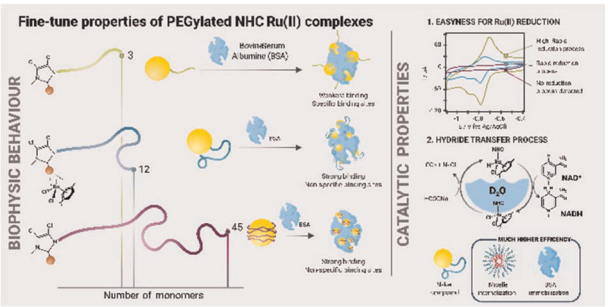

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