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See Kazuma Suehiro and Yutaka Amao, pp. 506–510. Image reproduced by permission of Yutaka Amao from *New J. Chem.*, 2024, **48**, 506.

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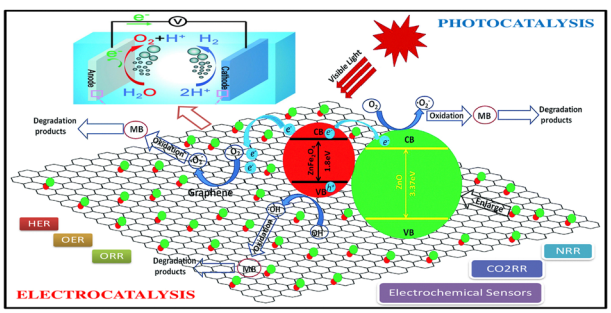

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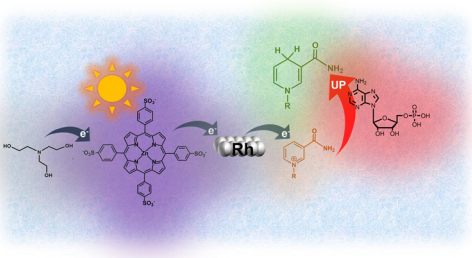

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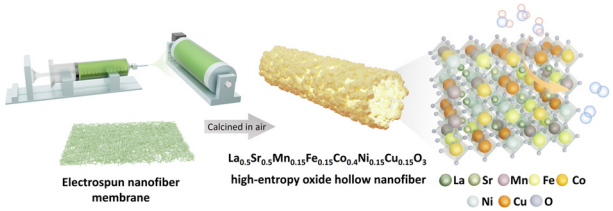

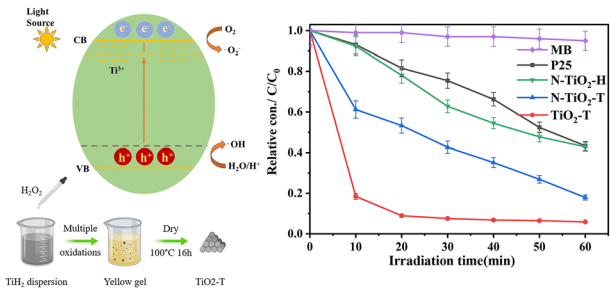

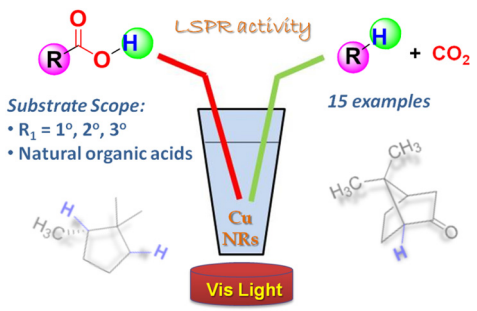

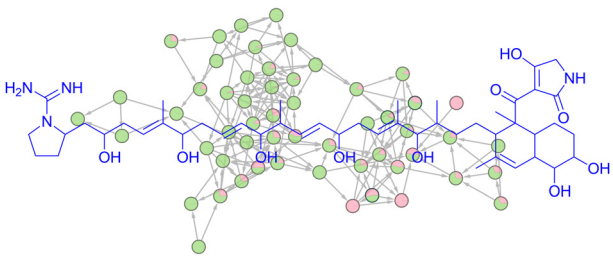

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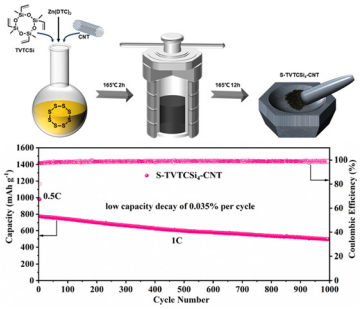

Sulfur-containing polymer/carbon nanotube composite cathode materials for high-energy lithium–sulfur batteries

Shuimiao Wang, Yurui Wu, Ming Yang, Li Sun, Yong Tao* and Chang-An Yang*

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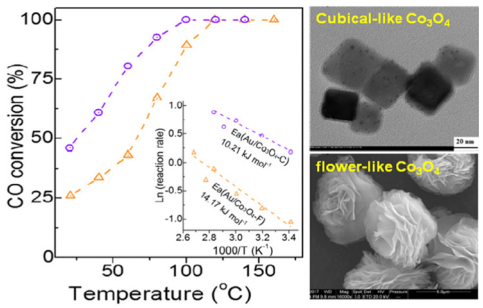

Investigation of catalytic activity of Au/Co_3O_4(001) and Au/Co_3O_4(111) in the CO oxidation reaction

Sami Barkaoui, Zhiwen Li, Changhai Cao,* Xinrui Gu, Qiong Zeng, Brock Lumbers* and Gao Li*

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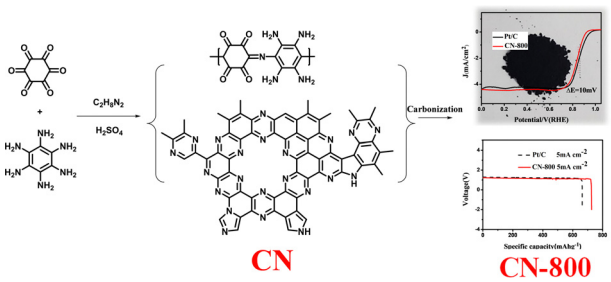

Carbon material with high pyridine/graphite nitrogen content: an efficient electrocatalyst for the oxygen reduction reaction

Jia Nan,* Shi Shufeng, Yang Juxiang, Jia Yuan, Weng Qiang and Chen Pei*

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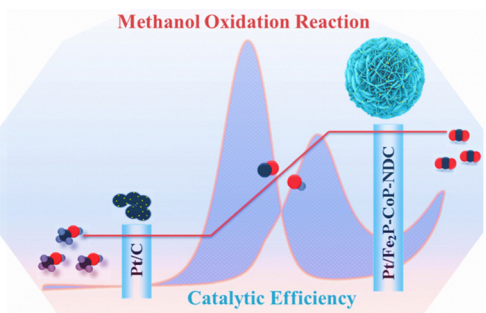

Self-assembled 3D hydrangea-like Fe_2P–CoP–NDC as an efficient carrier material of Pt nanoparticles for the methanol oxidation reaction

Fei Xie,* Qingchun Wang, Mengyu Gan* and Li Ma

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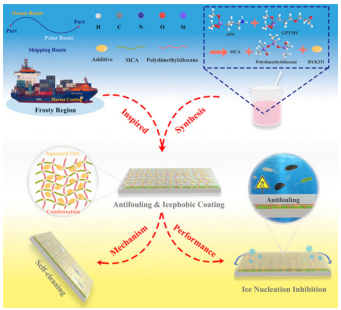

A crosslinked silicone coating adjusted by an additive with promising antifouling and ice nucleation inhibition performance

Yuxin Du, Jiawei Tang, Rumin Li,* Jingyuan Liu, Rongrong Chen, Jing Yu, Peili Liu* and Jun Wang

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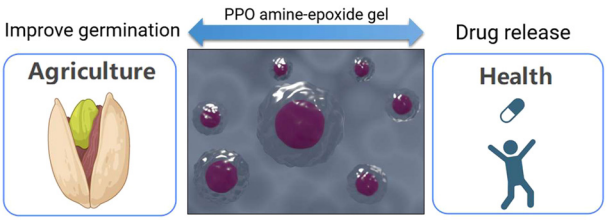

Multifunctional polyetheramine–epoxide gels and their prospective applications in health and agriculture

Heber E. Andrada, Bruno A. Fico, Felipe B. Alves, Julia M. Paulino, Natalia N. Silveira, Raquel A. Dos Santos, Gabriel S. Montanha, Laura G. Nuevo, Hudson W. P. de Carvalho and Eduardo F. Molina*

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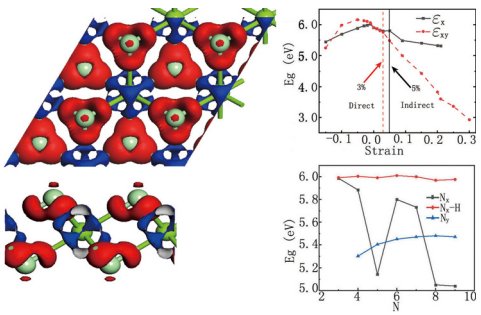

Fundamental properties of the $MgCl_2$ monolayer from first-principles calculations

Cairui Men, Li Shao,* Xuan Li, Yuantao He, Haibo Huo, Yan Li, Mingyu Li, Chuanxun Su, Honggang Ye and Yinxiao Du*

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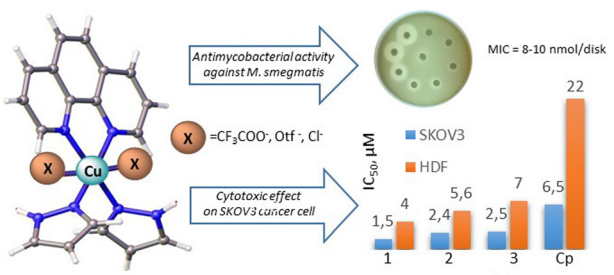

Research of the influence of anions in complexes $[CuPhen(Hpz)_2X_2]$ (X = CF_3COO^-, Otf^-, Cl^-) on the structure and bioactivity

Marina A. Uvarova,* Irina A. Lutsenko, Maxim A. Shmelev, Sergey E. Nefedov, Olga B. Bekker, Arseniy I. Lashkin, Victoria O. Shender and Igor L. Eremenko

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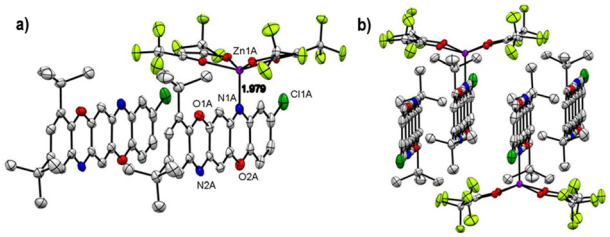

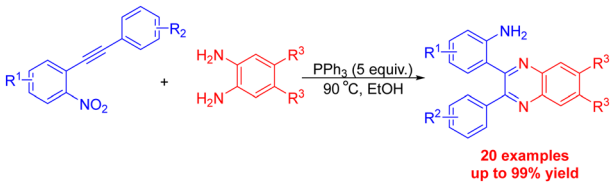

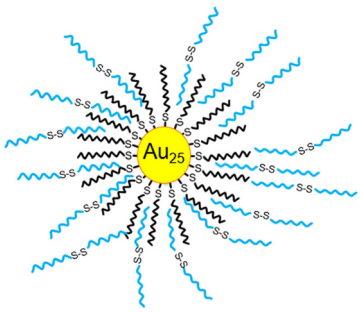

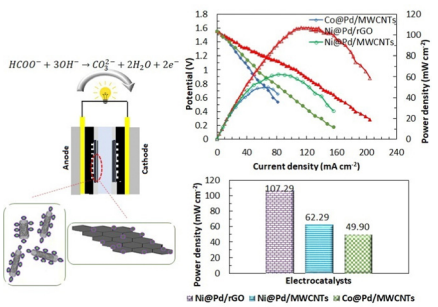

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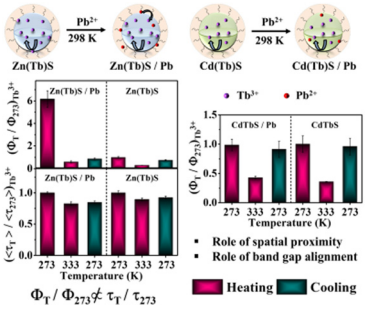

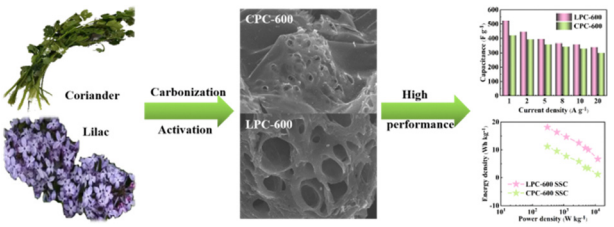

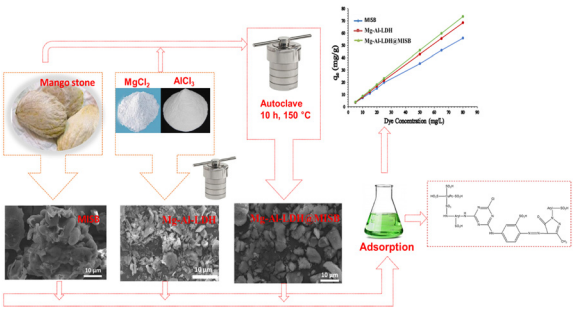

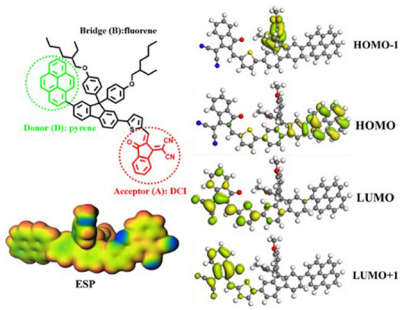

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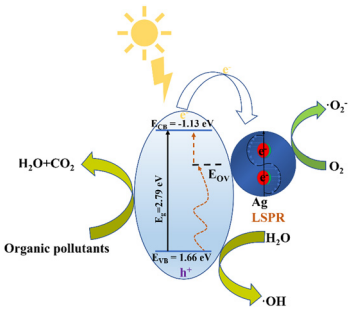

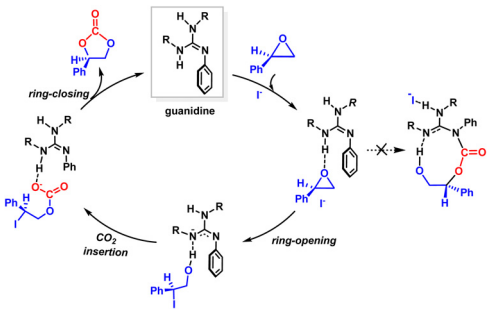

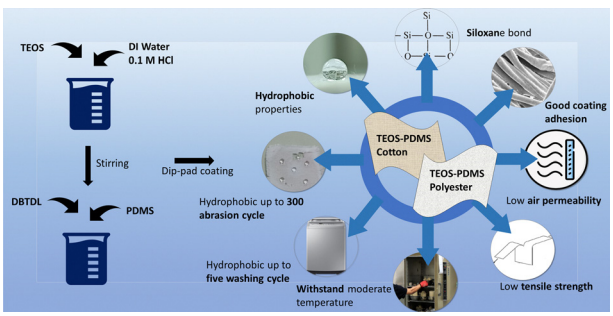

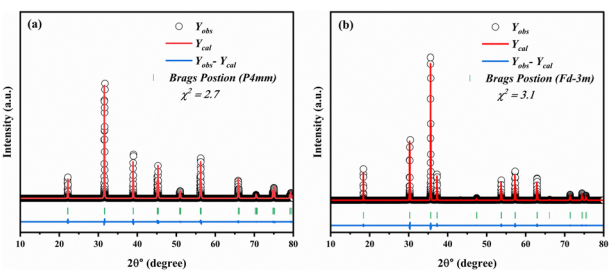

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CORRECTION

