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Cover
See Milad Abolhasani *et al.*, pp. 580–591.

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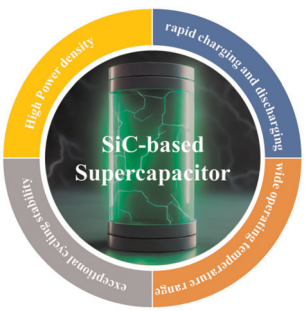
REVIEWS



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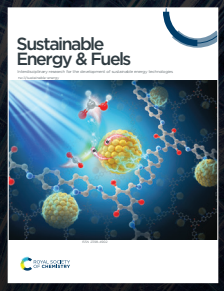

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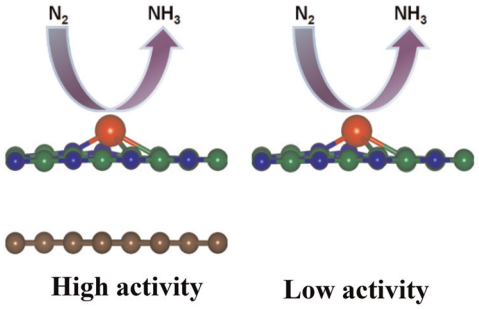

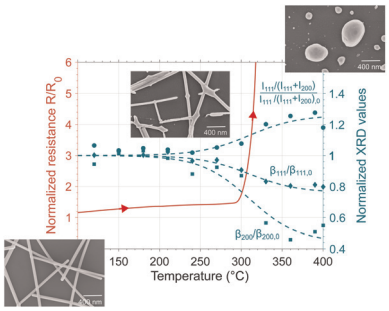

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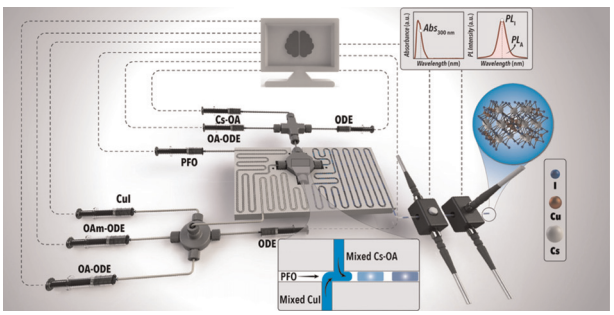

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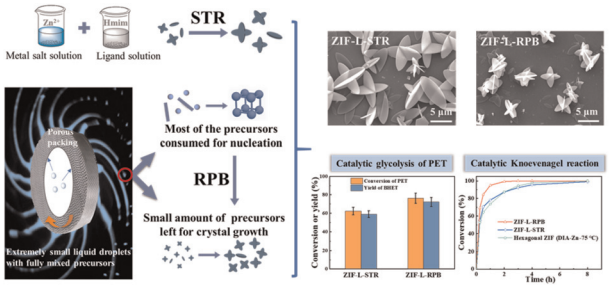

The controllable and efficient synthesis of two-dimensional metal–organic framework nanosheets for heterogeneous catalysis

Ling-Xia Yun, Cong Zhang, Xin-Ran Shi, Yan-Jun Dong, Hang-Tian Zhang, Zhi-Gang Shen and Jie-Xin Wang

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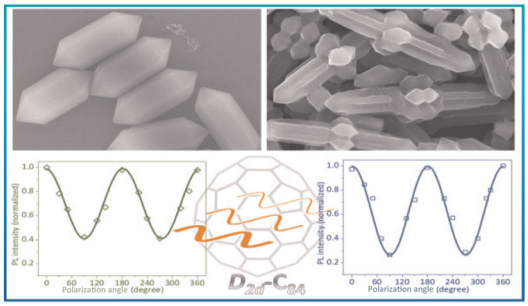

Crystalline architectures of C_{84} with tunable morphology and linearly polarized red emission

Feng Wang, Botao Zhu, Jie Xiong, Shuo Wu, Jiaxin Sun, Hailin Cong* and Lai Feng

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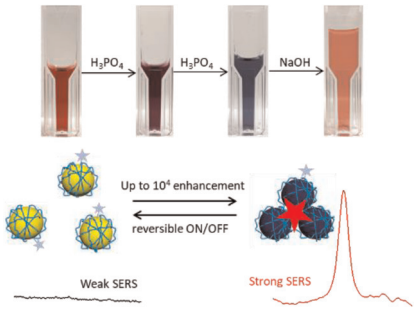

Strongly coupled plasmonic metal nanoparticles with reversible pH-responsiveness and highly reproducible SERS in solution

Zichao Wei, Audrey Vandergriff, Chung-Hao Liu, Maham Liaqat, Mu-Ping Nieh, Yu Lei and Jie He

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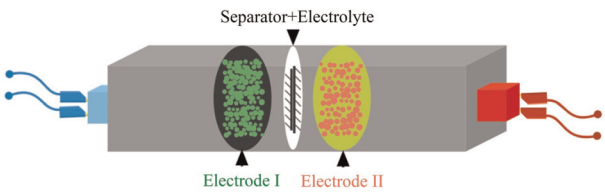

Unlocking the full potential of citric acid-synthesized carbon dots as a supercapacitor electrode material *via* surface functionalization

Melis Özge Alaş Çolak, Ahmet Güngör, Merve Buldu Akturk, Emre Erdem* and Rükan Genç

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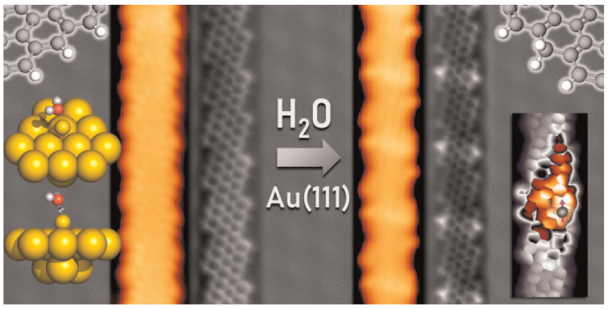

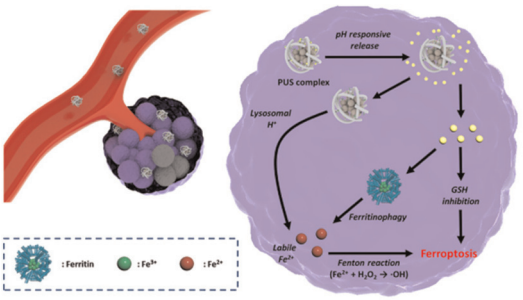

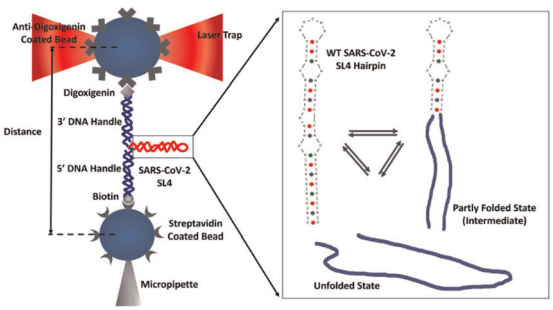

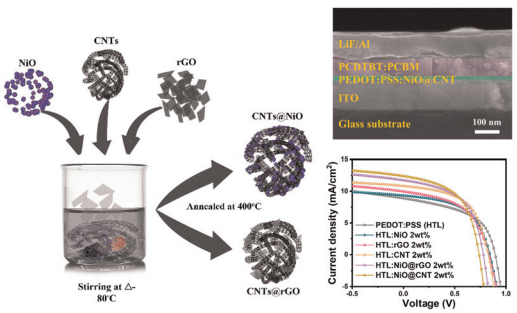

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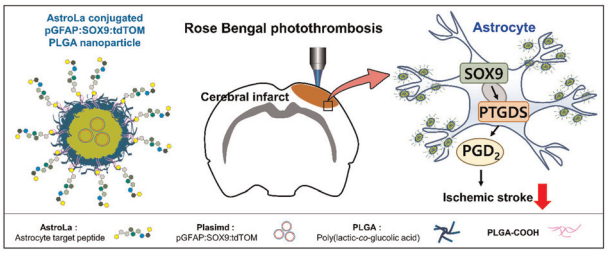

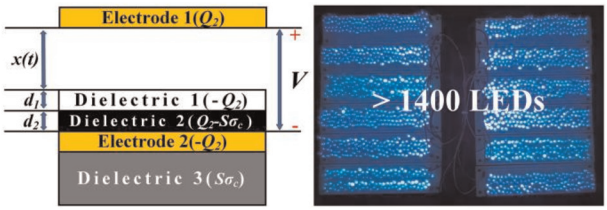

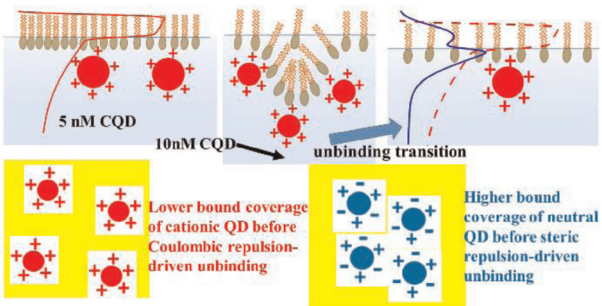

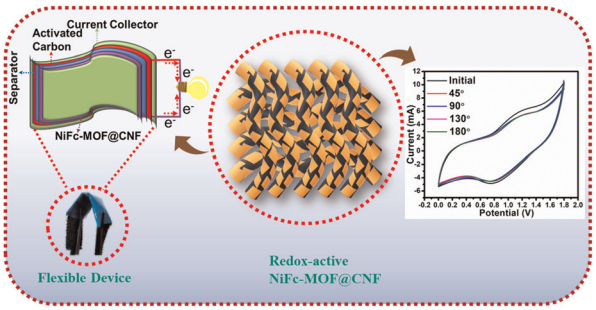

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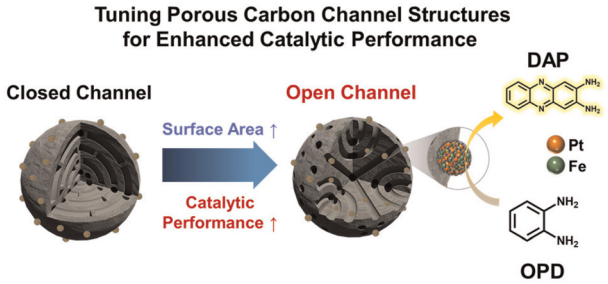

Impact of channel nanostructures of porous carbon particles on their catalytic performance

Hyunkyu Oh, Young Jun Lee, Eun Ji Kim, Jinseok Park, Hee-Eun Kim, Hyunsoo Lee, Hyunjoo Lee and Bumjoon J. Kim

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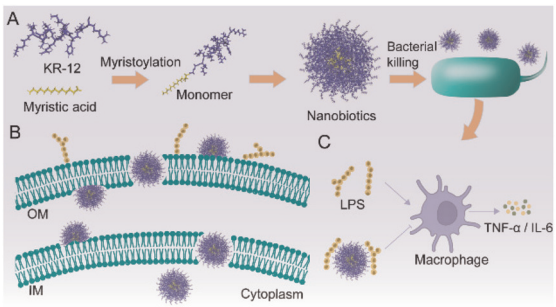

Turning cationic antimicrobial peptide KR-12 into self-assembled nanobiotics with potent bacterial killing and LPS neutralizing activities

Ruyi Lei, Chujun Yang, Yaqi Sun, Dejian Li, Liman Hao, Yang Li, Shuijing Wu, Hui Li, Chao Lan* and Xiangming Fang

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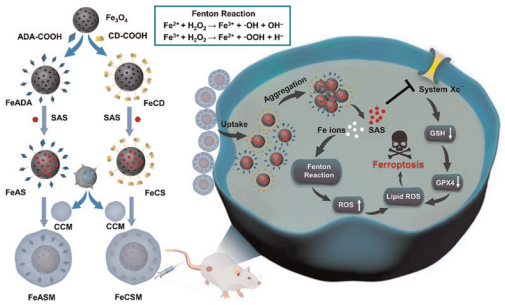

Intracellular self-aggregation of biomimetic Fe_3O_4 nanoparticles for enhanced ferroptosis-inducing therapy of breast cancer

Zhendong Zhang, Beibei Xie, Xiaojie Lu, Lishan Xiong, Xinyuan Li, Yan Zhang, Chunlai Li* and Chenhui Wang

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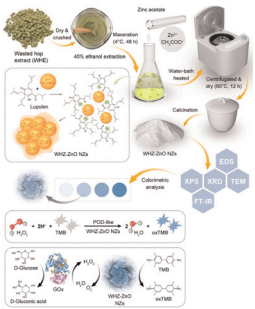

Facile green synthesis of wasted hop-based zinc oxide nanozymes as peroxidase-like catalysts for colorimetric analysis

Pei Liu, Mengdi Liang, Zhengwei Liu, Haiyu Long, Han Cheng, Jiahe Su, Zhongbiao Tan, Xuewen He, Min Sun, Xiangqian Li and Shuai He

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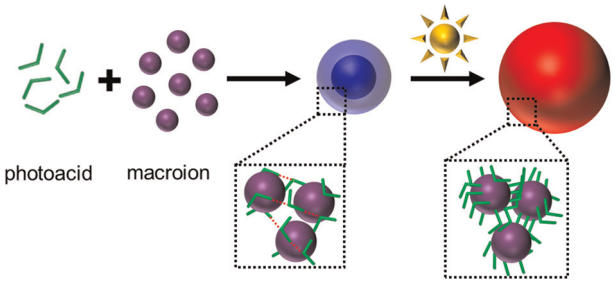

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