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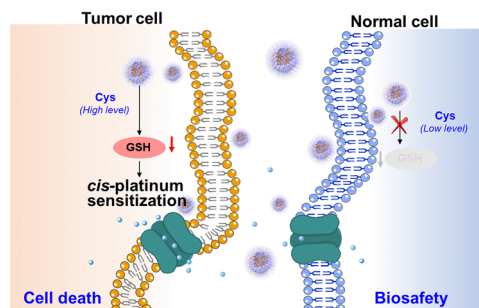


RESEARCH ARTICLES

1839

Cysteine-responsive, cyano-functionalized acenaphthopyrazine derivative for tumor microenvironment modulation-based chemotherapy sensitization and side effect reduction

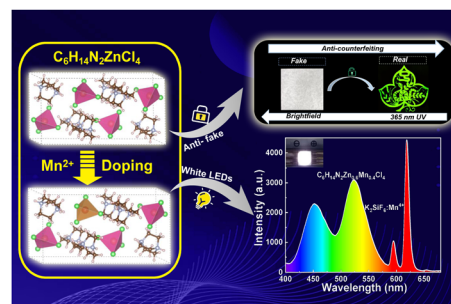
Hanyi Gao, Yiliang Qin, Jiayi Li, Shuhong Xiong, Rong Sun, Xia He, Yaxin Wu, Ying Tian,* Yi Yuan* and Rong Hu*



1850

High-performance green emitting Mn²⁺-doped OD OIHMH crystals for white LEDs and anti-counterfeiting applications

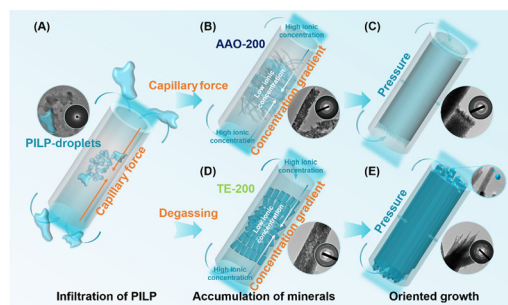
Qianrong Jin, Yuexiao Pan,* Yali Tang, Yingnuo Chen, Suqin Chen and Jun Zou*



1857

Capillary force and concentration gradient promote the bioprocessing-inspired formation of ultralong fluorapatite nanorods under confinement

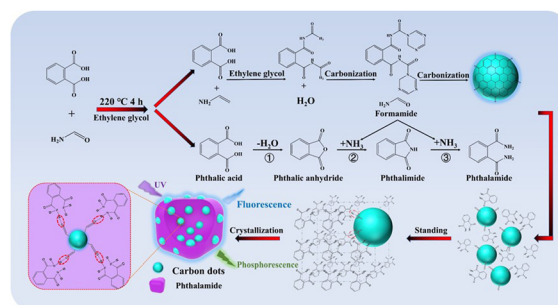
Yonglang Yu, Ping Yuan, Zhengyi Fu and Zhaoyong Zou*



1870

Mechanism of *in situ* confining carbon dots in phthalamide crystal for room-temperature phosphorescence

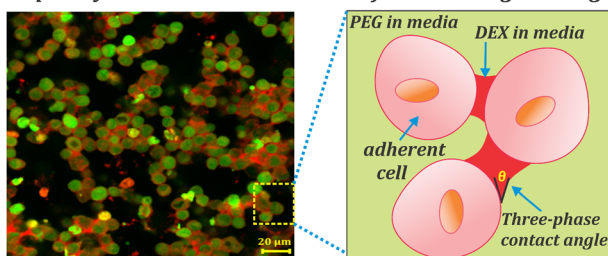
Xingmei Li, Haixin Kang, Yingying Zhao, Tong Chen, Jingxia Zheng,* Lin Chen, Bin Liu, Yongzhen Yang* and Xuguang Liu*



RESEARCH ARTICLES

1882

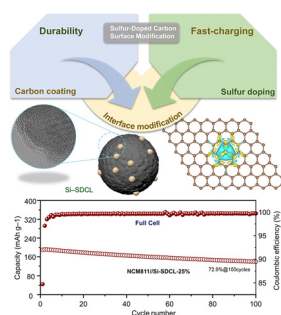
Capillary structured cell networks for tissue engineering



Fabrication of 3D structured human cell networks using capillary cell suspensions from aqueous two-phase systems

Amro K. F. Dyab and Vesselin N. Paunov*

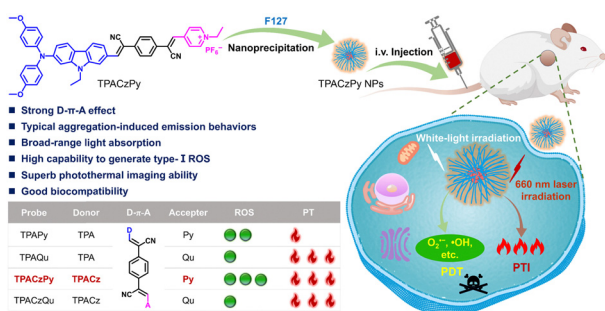
1896



Sulfur-doped carbon interface modification for high-performance silicon anodes in lithium-ion batteries

Jingyuan Li, Shuqi Wang, Fei Wang,* Zhendong Liu, Zhuorui Tang, Weidong Zhang, Dai Dang,* Chunyang Pan, Quanbing Liu and Chengzhi Zhang*

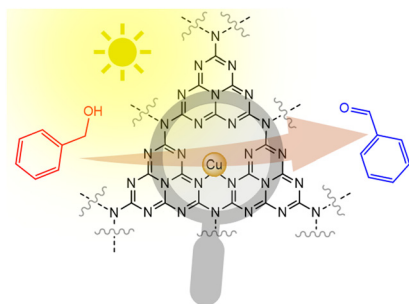
1906



Molecular engineering-facilitated AIE-active type-I photosensitizers for photothermal imaging-guided photodynamic therapy

Xiufeng Li, Shasha Zhang, Pengli Gu, Xinyi Zhang and Ju Mei*

1917



The role of single copper atoms in enhancing the photocatalytic activity of carbon nitride for selective oxidation

Hanggara Sudrajat,* Jakkapon Phanthuwongpakdee and Juan Carlos Colmenares*



1933

Deposition of N-doped graphene and its mechanism study *via in situ* mass spectrometry

Limin Wang, Xi Wu, Tao Cheng, Han Xue, Bernd Abel, Jia Li,* Jianfeng Li,* Liying Ma, Jia Ding, Wenqi Wang, Shaopeng Fu, Yong Hou, Kailang Wang, La Zhu and Xubin Lu*

