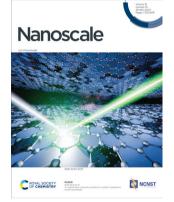
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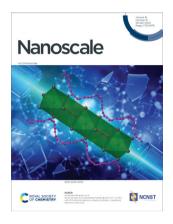
ISSN 2040-3372 CODEN NANOHL 16(16) 7703-8178 (2024)



Cover

See Koki Sano *et al.*, pp. 7908–7915.

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Inside cover

See Sviatoslav Baranets *et al.*, pp. 7916–7925.

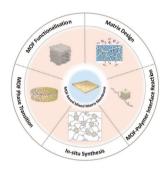
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Fundamental questions Elemental answers

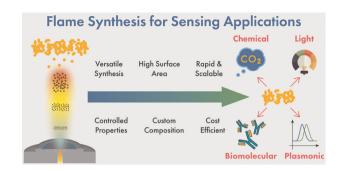
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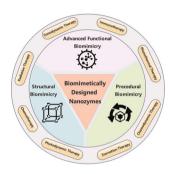
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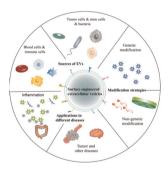


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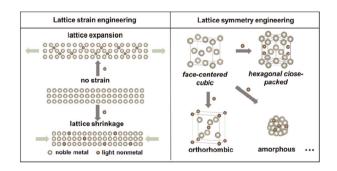
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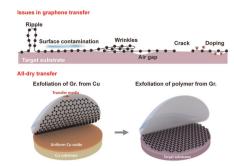
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Long Zheng, Lei Xu, Ping Gu and Ye Chen*



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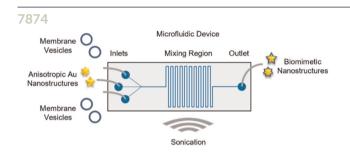
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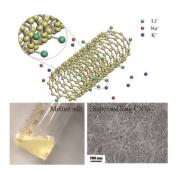
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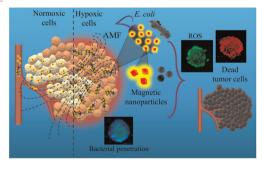
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Dongyu Guo, Yuying Li, Tao Chen, Hongyan Li, Liang Han and Xilai Jia*



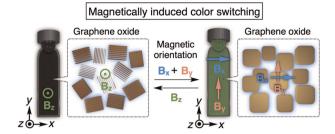
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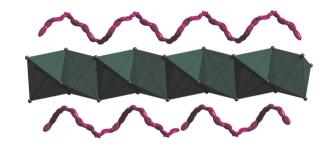
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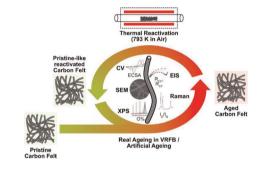
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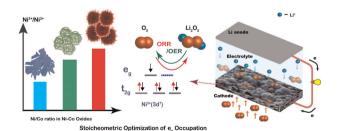
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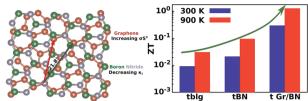
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Stoichiometrically optimized e_g orbital occupancy of Ni-Co oxide catalysts for Li-air batteries

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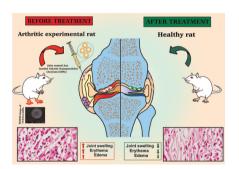
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Size-tunable silicon nanoparticles synthesized in solution *via* a redox reaction

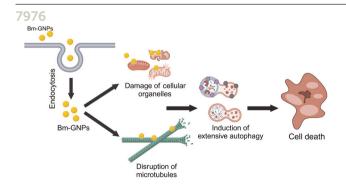
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Chandrashekhar Jori, Md. Meraj Ansari, Anas Ahmad, Nemat Ali, Syed Shadab Raza and Rehan Khan*



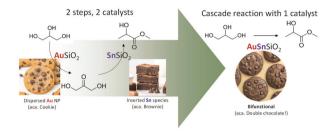
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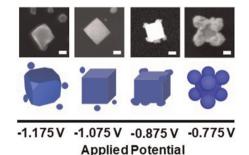
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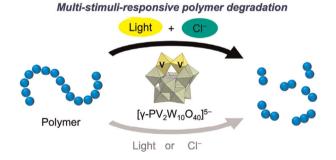
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Ekta Verma, Myung-Hoon Choi, Nabojit Kar, Lane A. Baker and Sara E. Skrabalak*



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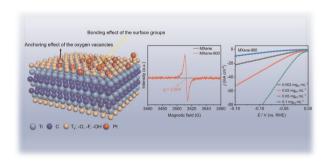
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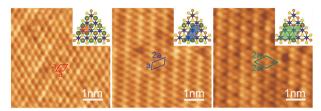
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Qin Zhao, Yue Zhang, Changwang Ke, Weilin Yang, Jianshu Yue, Xiaofei Yang and Weiping Xiao*



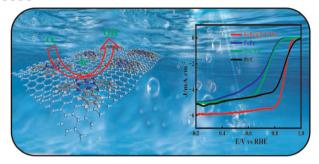
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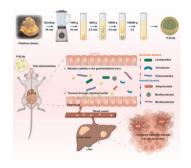
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Xilin Zhang, Rui Zheng, Qingfang Chang,* Zhongjun Ma* and Zongxian Yang*

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Menghang Zu, Ga Liu, Nanxi Chen, Li Chen, Qiang Gao, Rui L. Reis, Subhas C. Kundu, Meilan Jin,* Bo Xiao* and Xiaoxiao Shi*

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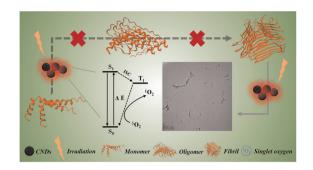
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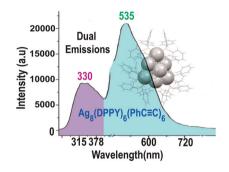
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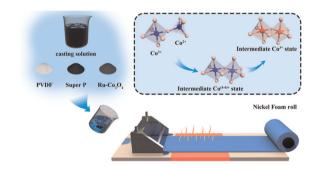
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Blessing D. Peter, Wei Pei, Gaya N. Andrew, Si Zhou* and Zhixun Luo*



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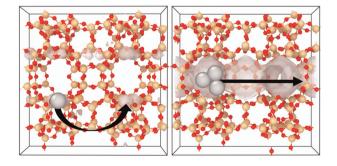
Yining Fan, Ting Li, Bin Li, Anjun Hu,* Dongfen Li, Kun Li, Borui Yang, Yu Pan, Jing Liu* and Jianping Long*



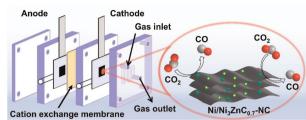
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Christopher J. Heard,* Lukáš Grajciar and Andreas Erlebach

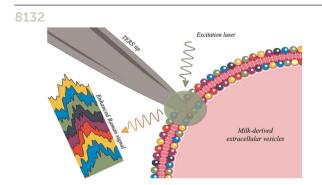


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Three-dimensional N-doped carbon nanosheets loaded with heterostructured Ni/Ni₃ZnC_{0.7} nanoparticles for selective and efficient CO2 reduction

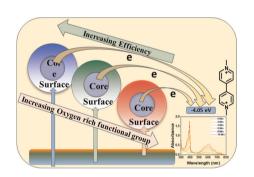
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Luca Buccini, Anacleto Proietti, Giancarlo La Penna, Chiara Mancini, Francesco Mura, Stefano Tacconi, Luciana Dini, Marco Rossi and Daniele Passeri*

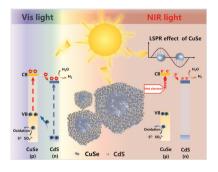




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Umarfaruk S. Sayyad, Himanshu Bhatt, Hirendra N. Ghosh and Somen Mondal*

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Ning Li,* Linping Li, Yanping Qiu, Xuhui Liu, Jiatong Zhang, Yangqin Gao and Lei Ge*

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Xinmeng Zhang,* Mingyue Bai, Lei Ge and Yuanyuan Yao

