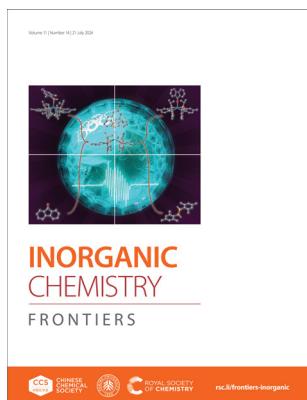


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See Laurent Maron,
Stephan Hohloch et al.,
pp. 4158–4166.

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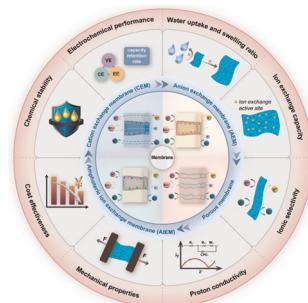
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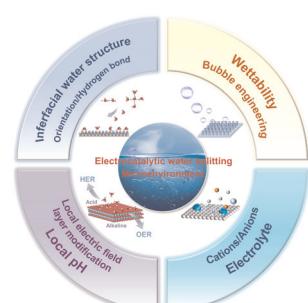
Yang Yang, Quge Wang, Shizhao Xiong* and Zhongxiao Song*



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Xiang Li, Wangchuan Zhu, Yanqun Zhang, Yueyue Zhao, Danjun Wang, Yanzhong Zhen, Feng Fu and Chunming Yang*



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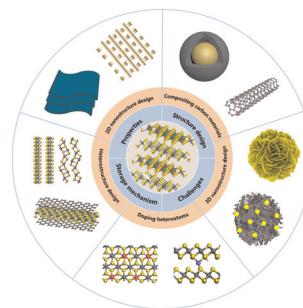
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Fundamental questions
Elemental answers

REVIEWS

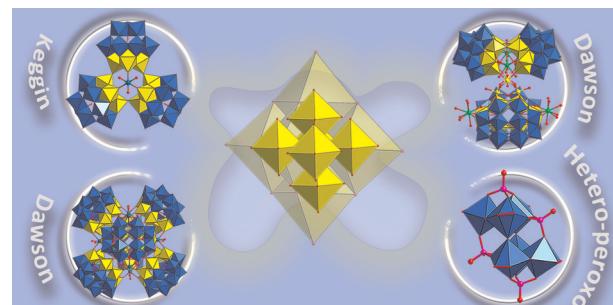
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Recent advances in SnS₂-based nanomaterials as high-performance anodes for sodium ion batteriesMingjun Xiao,* Dongming Qi, Huizhen Sun,
Yanshuang Meng and Fuliang Zhu

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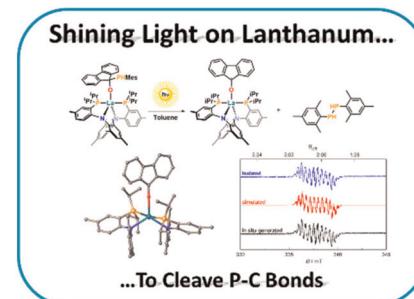
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Haiying Wang, Zhijie Liang, Dongdi Zhang* and Jingyang Niu*

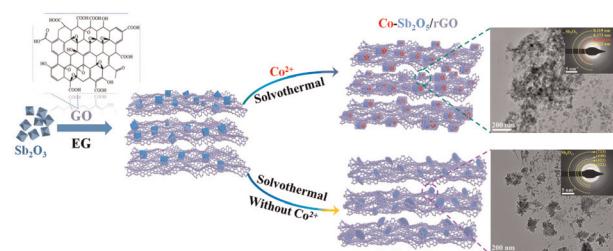


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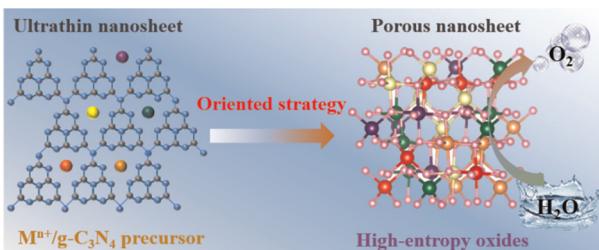
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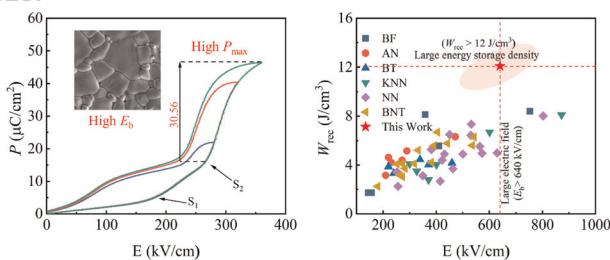
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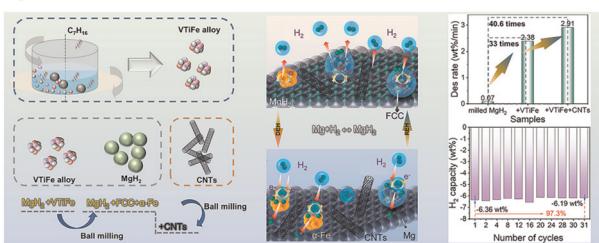
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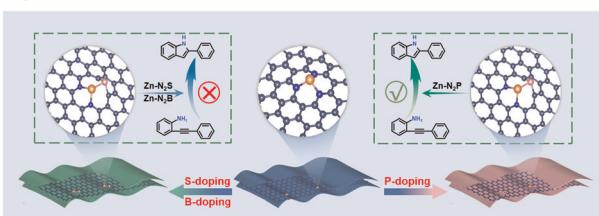
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Li Wang, Chao Lv, Kecan Dou, Deqiong Xie, Yanghe Fu, Fumin Zhang,* De-Li Chen* and Weidong Zhu*

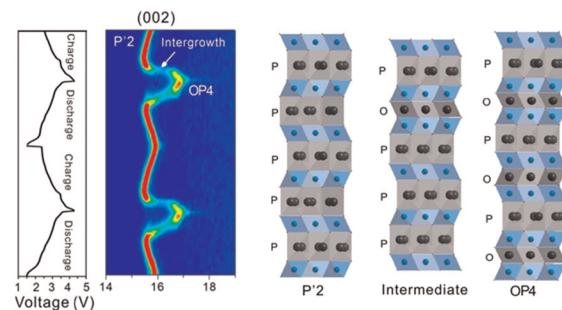


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Using a dual-site substitution strategy to inhibit staircase-like electrochemical profiles for high-performance Na-ion battery cathodes

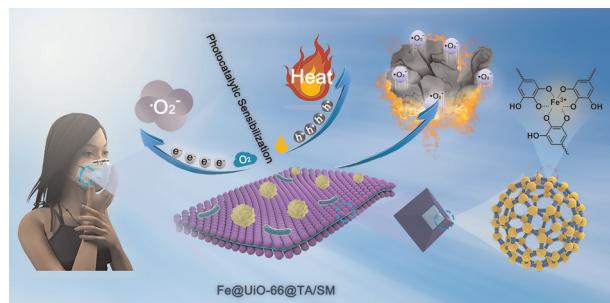
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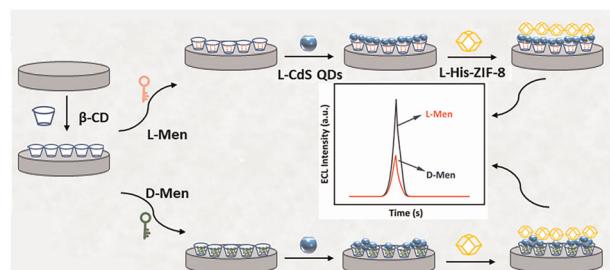
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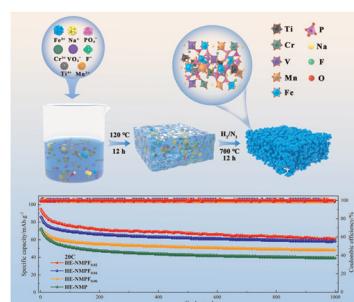
Xuan Kuang,* Yeqian Ruan, Jianping Xin and Lin Lan*



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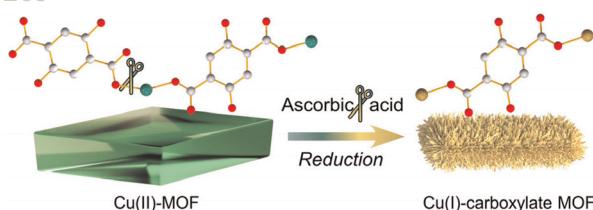
Design of fluorine-substituted high-entropy phosphates as cathode materials towards high-performance Na-ion batteries

Qi Wang, Man Zhao, Hai-tao Yu, Ying Xie* and Ting-Feng Yi*



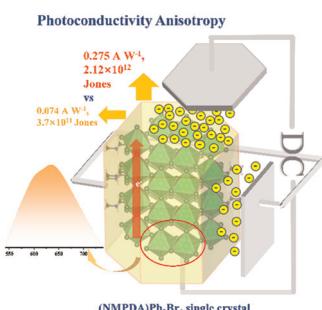
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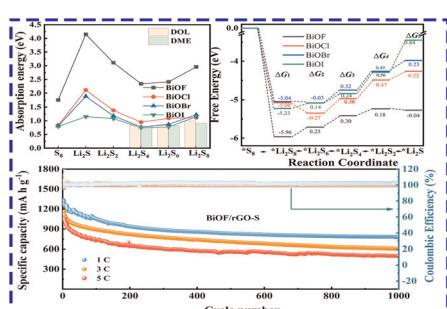
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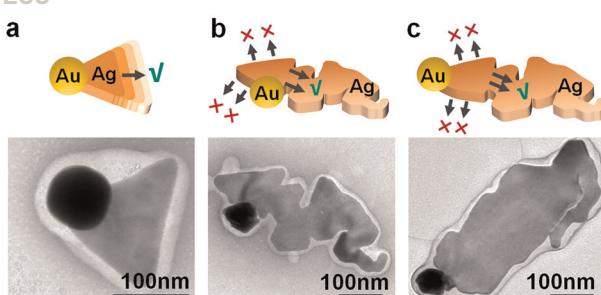
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**Two-dimensional active surface growth of Ag nanoplates**

Jin Ji, Zijie Chen, Tingting Jiang, Yuhua Feng* and Hongyu Chen*

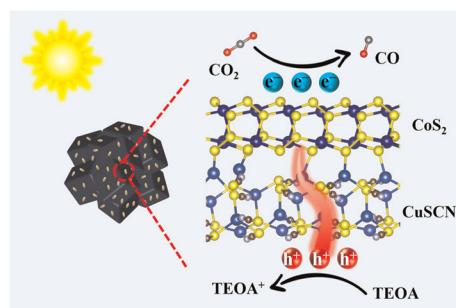


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One-pot molten-salt construction of channels for hole transport and mass transfer over CoS₂ nanocubes for visible-light-driven CO₂ reduction

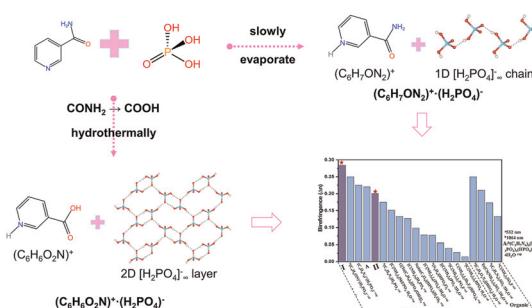
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Designing promising ultraviolet (UV) birefringent crystals with different hydrogen-bonded phosphate frameworks

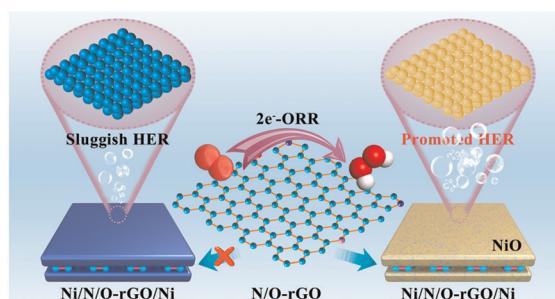
Miao-Bin Xu, Jin Chen,* Huai-Yu Wu, Jia-Jia Li, Ning Yu, Mo-Fan Zhuo, Fei-Fei Mao* and Ke-Zhao Du



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Enhancing acidic hydrogen evolution through pyrrolic nitrogen-doped reduced graphene oxide triggering two-electron oxygen reduction

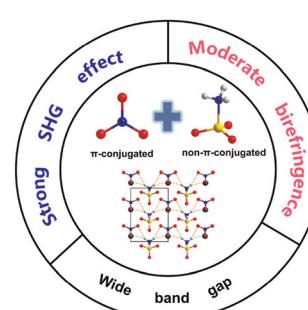
Zhiqiang Hou, Hui Jiang, Yanru Guo, Kejing Huang,* Fei Zhao, Yongyan Xu, Peng Peng, Shiyu Zou,* Jianjun Yan and Junjun Zhang*



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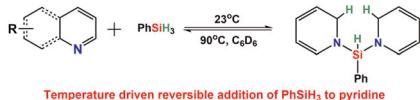
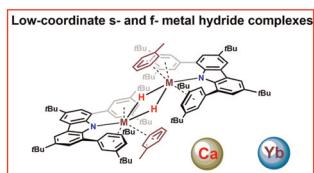
Synergistic combination of different types of functional motif in Rb(NO₃)(SO₃NH₃) for realizing excellent ultraviolet optical nonlinearity

Yunxia Song, Chensheng Lin, Xin Zhao, Tao Yan, Ning Ye, Haotian Tian* and Min Luo*



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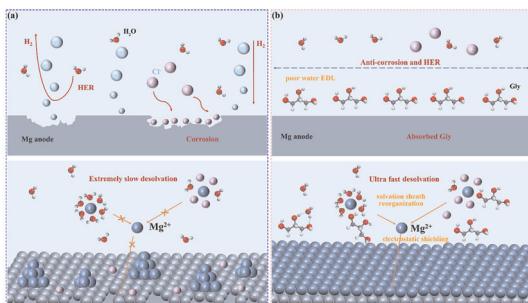
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Reversible hydrosilane addition to pyridines enabled by low-coordinate $\text{Ca}(\text{II})$ and $\text{Yb}(\text{II})$ hydrides

Alexander N. Selikhov, Mikhail A. Bogachev, Yulia V. Nelyubina, Grigory Yu. Zhigulin, Sergey Yu. Ketkov and Alexander A. Trifonov*

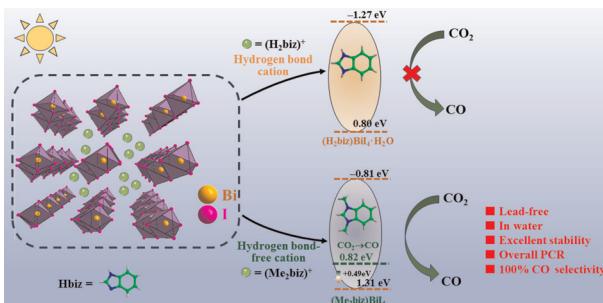
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Utilizing an electrolyte additive to modulate interfaces and enhance anode discharge performance in aqueous magnesium–air batteries

Sha Jianchun, Li Xue, Liu Zhoulin, Bao Jiaxin, Li Lianhui, Tian Jie, Yang Yiqiang, Chen Weilong, Liu Wenhong and Zhang Zhiqiang*

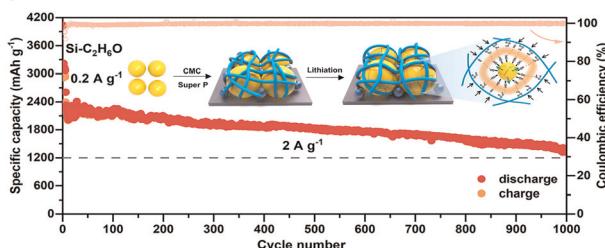
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Guang-Ning Liu,* Cheng-Cheng Gao, Fangzheng Qi, Wen-Tong Chen, Ning-Ning Zhang, Yiqiang Sun,* Huaiqing Zhao, Guozhu Chen and Cuncheng Li*

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Dynamic mechanical equilibrium of silicon anodes for lithium-ion batteries enabled by surface hydroxyl-rich bonding

Fangfang Zhao, Bowen Tao, Liming Yu, Cong Pan,* Lei Ma, Liangming Wei,* Gen Tang, Yue Wang and Xiang Guo*

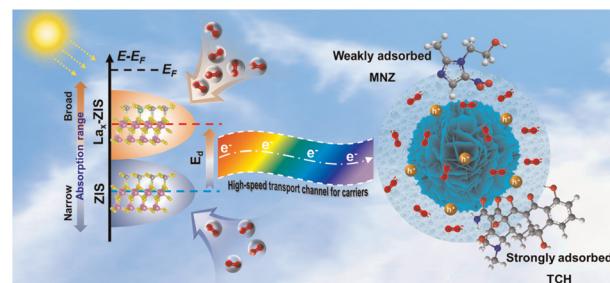


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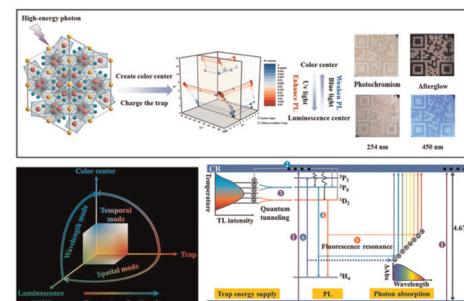
Yiwen Hu, Xiao Ma, Guoli Fan,* Lan Yang and Feng Li*



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Manipulating photon absorption and trap energy supply for multimode dynamic anti-counterfeiting

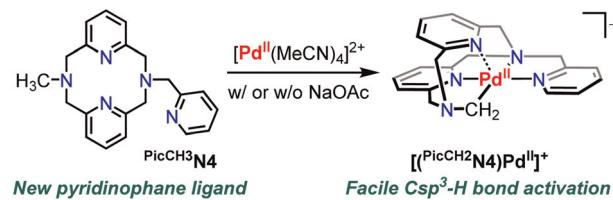
Zhihao Zhang, Huimin Li,* Ran Pang, Da Li, Lihong Jiang, Su Zhang* and Hongjie Zhang



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Csp^3 -H bond activation mediated by a Pd(II) complex under mild conditions

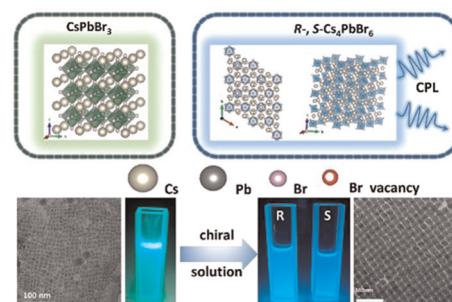
Hanah Na, Andrew J. Wessel, Seoung-Tae Kim, Mu-Hyun Baik* and Liviu M. Mirica*



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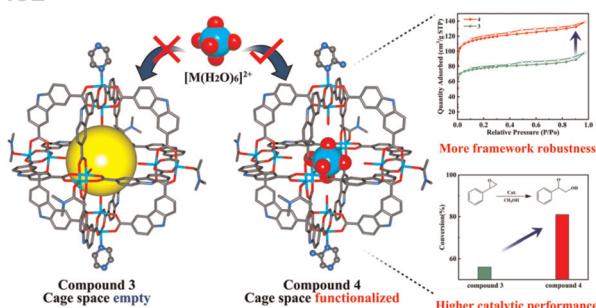
Chiral defect-induced blue photoluminescence and circularly polarized luminescence of zero-dimensional Cs_4PbBr_6 perovskite nanocrystals

Jiaqi Zhao, Yuan Wang, Tinglei Wang and Yu Wang*



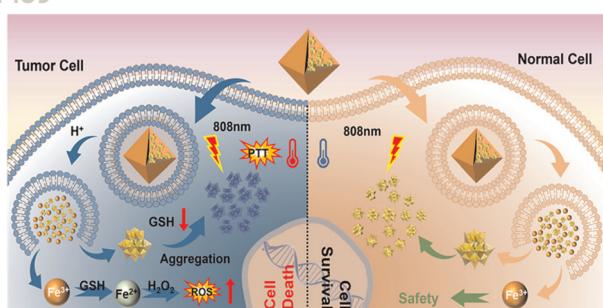
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**Metal ion attachment in cavities of metal organic polyhedra to enhance framework robustness and catalytic performance**

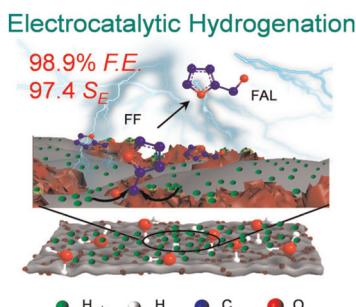
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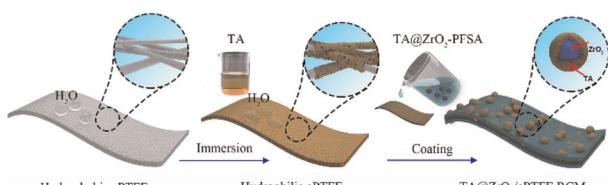
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Huiming Wen, Ziyi Fan, Shuo Dou, Jason Chun-Ho Lam, Wenjun Zhang* and Zupeng Chen*

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Yunfa Dong, Chao Feng, Haodong Xie, Yuhui He, Carlos M. Costa, Senentxu Lanceros-Méndez, Jiecai Han and Weidong He*

