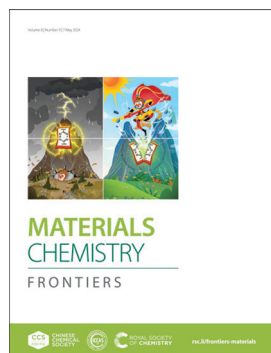


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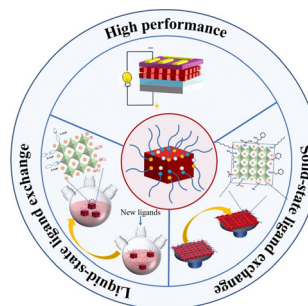
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REVIEWS

2029

Surface engineering in CsPbX₃ quantum dots: from materials to solar cells

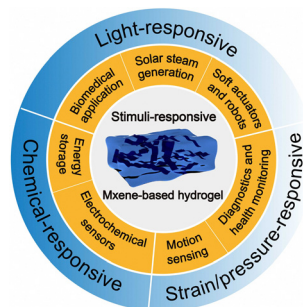
Yinyan Xu, Mei Lyu and Jun Zhu*



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Stimuli-responsive Ti₃C₂T_x MXene-based hydrogels: preparation and applications

Qi Gao, Ping-Ping He, Xiaowen Wang, Xiaoxue Du and Weiwei Guo*



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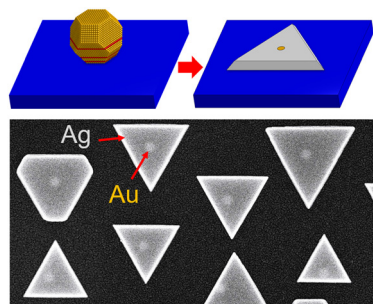
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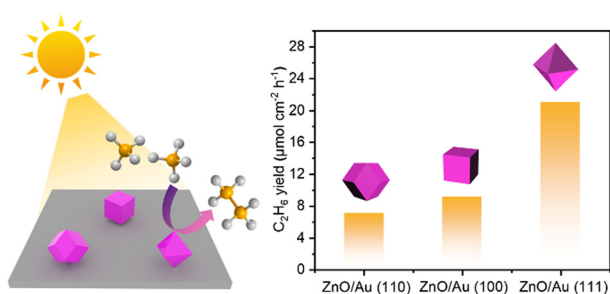
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Large-area arrays of epitaxially aligned silver nanotriangles seeded by gold nanostructures

Zachary R. Lawson, Kaikui Xu, Christina Boukouvala, Robert A. Hughes, Matthew R. Rosenberger, Emilie Ringe and Svetlana Neretina*

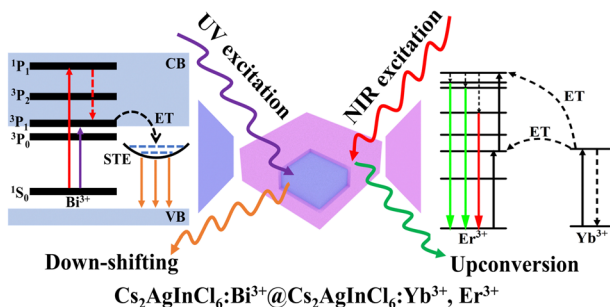
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Understanding Au facet effects in photocatalytic nonoxidative coupling of methane

Zhuo Liu, Biyang Xu, Xuanzhao Lu, Pan Li, Jun-Jie Zhu and Wenlei Zhu*

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Simultaneously excited downshifting/upconversion luminescence from lanthanide-doped core-shell lead-free perovskite nanocrystals for encryption and data storage

Endian Cui, Gaoyuan Xing, Xiangyang Yuan, Yi Zhang, Flavia Artizzu, Xiaoling Liao, Jianfeng Tang, Yanan Zhao, Pengzhou Zhao, Kai Liu* and Jing Liu*

