

ESI Hot Papers in January 2023

1. Thermally stable and highly efficient red-emitting Eu^{3+} -doped $\text{Cs}_3\text{GdGe}_3\text{O}_9$ phosphors for WLEDs: non-concentration quenching and negative thermal expansion

Peipei Dang, Guogang Li, Xiaohan Yun, Qianqian Zhang, Dongjie Liu, Hongzhou Lian, Mengmeng Shang & Jun Lin.

Light Sci Appl **10**, 29 (2021). DOI: 10.1038/s41377-021-00469-x

2. Spin-decoupled metasurface for simultaneous detection of spin and orbital angular momenta via momentum transformation

Yinghui Guo, Shicong Zhang, Mingbo Pu, Qiong He, Jinjin Jin, Mingfeng Xu, Yaxin Zhang, Ping Gao & Xiangang Luo.

Light Sci Appl **10**, 63 (2021). DOI: 10.1038/s41377-021-00497-7

3. Electron-phonon coupling-assisted universal red luminescence of o-phenylenediamine-based carbon dots

Boyang Wang, Zhihong Wei, Laizhi Sui, Jingkun Yu, Baowei Zhang, Xiaoyong Wang, Shengnan Feng, Haoqiang Song, Xue Yong, Yuxi Tian, Bai Yang & Siyu Lu.

Light Sci Appl **11**, 172 (2022). DOI: 10.1038/s41377-022-00865-x