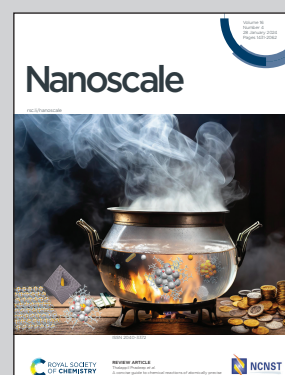


Showcasing research from Prof. Lianqing Liu's group at State Key Laboratory of Robotics of Shenyang Institute of Automation, Chinese Academy of Sciences, Shenyang, China.

Correlative super-resolution bright field and fluorescence imaging by microsphere assisted microscopy

We employed microsphere superlenses to simultaneously enhance the resolution of bright-field and fluorescence imaging, achieving correlated super-resolution imaging of bright-field and fluorescence. Leveraging the non-invasive and real-time capabilities of optical imaging, the correlated imaging process can be accomplished with just two exposures. This demonstrates promising applications in capturing ultrafast nanoscale life phenomena within cellular structures.

As featured in:



See Haibo Yu *et al.*, *Nanoscale*, 2024, 16, 1703.