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1. Xiaodong Chen, Dan He, Jiaye Shentu, Sanxiu Yang, Yunfei Yang,

Yuqing Wang, Rumeng Zhang, Kun Wang*, Jing Qian, Lingliang Long*, Smartphone-assisted colorimetric and near-infrared ratiometric fluorescent sensor for on-spot detection of H₂O₂ in food samples. *Chemical Engineering Journal* 2023, 472, 144900.

2. Xiaodong Chen, Dan He, Xinrong Yang, Fang Yuan, Sanxiu Yang, Yunfei Yang, Kun Wang*, Jing Qian, Lingliang Long*, Construction of bifunctional fluorescent probe for two-step cascade recognition of hydrogen sulfide and biothiols in biological system. *Sensors and Actuators B-Chemical* 2023, 381, 133440.

3. Xiaodong Chen, Qian Chen, Dan He, Sanxiu Yang, Yunfei Yang, Jing Qian, Lingliang Long *, Kun Wang*, Mitochondria targeted and immobilized ratiometric NIR fluorescent probe for investigating SO₂ phytotoxicity in plant mitochondria. *Sensors and Actuators B-Chemical* 2022, 370, 132433.

4. Xiaodong Chen, Chenglu Zhao, Qiwei Zhao, Yunfei Yang, Sanxiu Yang, Rumeng Zhang, Yuqing Wang, Kun Wang*, Jing Qian, Lingliang Long*. Construction of a colorimetric and near-infrared ratiometric fluorescent sensor and portable sensing system for on-site quantitatively measuring sulfite in food. *Foods* 2024, 13, 1758.

5. Xiaodong Chen, Yun Wang, Lilan Zhou, Aijian Wang*, Chi Zhang*, Graphene oxide ternary nanohybrids co-functionalized by

phenyl porphyrins and thienyl-appended porphyrins for efficient optical limiting. *Dyes and Pigments* 2020, 174, 108057.

6. Xiaodong Chen, Aijian Wang*, Mengnan Yin, Laixiang Cheng, Jing Zhang, Cheng Li, Weihua Zhu*, Danhong Shang, Effect of hydrothermal reduction temperature on the optical nonlinearities of porphyrin covalently functionalized graphene oxide. *Dyes and Pigments* 2019, 167, 189-194.