

Xianfeng Lin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	CRISPR-Cas12a-mediated luminescence resonance energy transfer aptasensing platform for deoxynivalenol using gold nanoparticle-decorated Ti ₃ C ₂ T _x MXene as the enhanced quencher. <i>Journal of Hazardous Materials</i> , 2022, 433, 128750.	6.5	48
2	Upconversion Nanoparticles Assembled with Gold Nanourchins as Luminescence and Surface-Enhanced Raman Scattering Dual-Mode Aptasensors for Detection of Ochratoxin A. <i>ACS Applied Nano Materials</i> , 2021, 4, 8231-8240.	2.4	34
3	Double-enzymes-mediated fluorescent assay for sensitive determination of organophosphorus pesticides based on the quenching of upconversion nanoparticles by Fe ³⁺ . <i>Food Chemistry</i> , 2021, 345, 128809.	4.2	26
4	Deoxynivalenol photocatalytic detoxification products alleviate intestinal barrier damage and gut flora disorder in BLAB/c mice. <i>Food and Chemical Toxicology</i> , 2021, 156, 112510.	1.8	15
5	Application of Nanomaterials for Coping with Mycotoxin Contamination in Food Safety: From Detection to Control. <i>Critical Reviews in Analytical Chemistry</i> , 2024, 54, 355-388.	1.8	14
6	Deoxynivalenol-induced cell apoptosis monitoring using a cytochrome c-specific fluorescent probe based on a photoinduced electron transfer reaction. <i>Journal of Hazardous Materials</i> , 2021, 415, 125638.	6.5	12
7	Application of PEG-CdSe@ZnS quantum dots for ROS imaging and evaluation of deoxynivalenol-mediated oxidative stress in living cells. <i>Food and Chemical Toxicology</i> , 2020, 146, 111834.	1.8	11
8	Fluorescence imaging of glutathione with aptasensor and monitoring deoxynivalenol-induced oxidative stress in living cells. <i>Sensors and Actuators B: Chemical</i> , 2022, 354, 131190.	4.0	4