Jun Liang

List of Publications by Year in Descending Order

23 papers	311 citations	11 h-index	17 g-index
24 ext. papers	494 ext. citations	6.9 avg, IF	3.86 L-index

#	Paper	IF	Citations
23	Upconversion-mediated CRISPR-Cas12a biosensing for sensitive detection of ochratoxin A.. *Talanta*, **2022**, 242, 123232	6.2	4
22	Simple and programmed three-dimensional DNA tweezer for simultaneous one-step detection of ochratoxin A and zearalenone.. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2022**, 272, 120991	4.4	1
21	CRISPR/Cas12a-based technology: A powerful tool for biosensing in food safety.. *Trends in Food Science and Technology*, **2022**, 122, 211-222	15.3	3
20	A copper monosulfide-nanoparticle-based fluorescent probe for the sensitive and specific detection of ochratoxin A. *Talanta*, **2021**, 222, 121678	6.2	10
19	Surface-enhanced Raman spectroscopy aptasensor for simultaneous determination of ochratoxin A and zearalenone using Au@Ag core-shell nanoparticles and gold nanorods. *Mikrochimica Acta*, **2021**, 188, 281	5.8	5
18	Platelet 3D Preservation Using a Novel Biomimetic Nanofiber Peptide for Reduced Apoptosis and Easy Storage. *ACS Applied Materials & Interfaces*, **2021**, 13, 38040-38049	9.5	1
17	Characterization and antimicrobial performance of magnetic Fe3O4@Chitosan@Ag nanoparticles synthesized via suspension technique. *Materials Today Communications*, **2021**, 28, 102481	2.5	2
16	Development of FeO@Au nanoparticles coupled to Au@Ag core-shell nanoparticles for the sensitive detection of zearalenone. *Analytica Chimica Acta*, **2021**, 1180, 338888	6.6	13
15	Ultrasensitive and rapid detection of T-2 toxin using a target-responsive DNA hydrogel. *Sensors and Actuators B: Chemical*, **2020**, 311, 127912	8.5	27
14	Effects of fast food packaging plasticizers and their metabolites on steroid hormone synthesis in H295R cells. *Science of the Total Environment*, **2020**, 726, 138500	10.2	5
13	Effects of bisphenol A and nanoscale and microscale polystyrene plastic exposure on particle uptake and toxicity in human Caco-2 cells. *Chemosphere*, **2020**, 254, 126788	8.4	53
12	A low-field nuclear magnetic resonance DNA-hydrogel nanoprobe for bisphenol A determination in drinking water. *Mikrochimica Acta*, **2020**, 187, 333	5.8	8
11	Highly sensitive detection of ochratoxin A based on bio-barcode immunoassay and catalytic hairpin assembly signal amplification. *Talanta*, **2020**, 208, 120405	6.2	11
10	The size-controllable preparation of chitosan/silver nanoparticle composite microsphere and its antimicrobial performance. *Carbohydrate Polymers*, **2019**, 220, 22-29	10.3	25
9	The Impact of Cross-linking Mode on the Physical and Antimicrobial Properties of a Chitosan/Bacterial Cellulose Composite. *Polymers*, **2019**, 11,	4.5	33
8	Highly Selective, Aptamer-Based, Ultrasensitive Nanogold Colorimetric Smartphone Readout for Detection of Cd(II). *Molecules*, **2019**, 24,	4.8	17
7	An aptamer-based fluorometric zearalenone assay using a lighting-up silver nanocluster probe and catalyzed by a hairpin assembly. *Mikrochimica Acta*, **2019**, 186, 765	5.8	12

6	Preparation and characterization of zein thermo-modified starch films. *Carbohydrate Polymers*, **2017**, 157, 1254-1260	10.3	24
5	Effect of additives on physicochemical properties in amorphous starch matrices. *Food Chemistry*, **2015**, 171, 298-305	8.5	11
4	Effects of glycerol on the molecular mobility and hydrogen bond network in starch matrix. *Carbohydrate Polymers*, **2015**, 115, 401-7	10.3	23
3	Influence of antioxidant structure on local molecular mobility in amorphous sucrose. *Carbohydrate Research*, **2014**, 383, 14-20	2.9	3
2	Influence of glycerol on molecular mobility and hydrogen bond network in amorphous glucose matrix. *Carbohydrate Research*, **2012**, 361, 120-6	2.9	4
1	Antioxidants modulate molecular mobility, oxygen permeability, and microstructure in zein films. *Journal of Agricultural and Food Chemistry*, **2011**, 59, 13173-80	5.7	16