

Jun Liang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Effects of bisphenol A and nanoscale and microscale polystyrene plastic exposure on particle uptake and toxicity in human Caco-2 cells. <i>Chemosphere</i> , 2020 , 254, 126788	8.4	53
22	The Impact of Cross-linking Mode on the Physical and Antimicrobial Properties of a Chitosan/Bacterial Cellulose Composite. <i>Polymers</i> , 2019 , 11,	4.5	33
21	Ultrasensitive and rapid detection of T-2 toxin using a target-responsive DNA hydrogel. <i>Sensors and Actuators B: Chemical</i> , 2020 , 311, 127912	8.5	27
20	The size-controllable preparation of chitosan/silver nanoparticle composite microsphere and its antimicrobial performance. <i>Carbohydrate Polymers</i> , 2019 , 220, 22-29	10.3	25
19	Preparation and characterization of zein thermo-modified starch films. <i>Carbohydrate Polymers</i> , 2017 , 157, 1254-1260	10.3	24
18	Effects of glycerol on the molecular mobility and hydrogen bond network in starch matrix. <i>Carbohydrate Polymers</i> , 2015 , 115, 401-7	10.3	23
17	Highly Selective, Aptamer-Based, Ultrasensitive Nanogold Colorimetric Smartphone Readout for Detection of Cd(II). <i>Molecules</i> , 2019 , 24,	4.8	17
16	Antioxidants modulate molecular mobility, oxygen permeability, and microstructure in zein films. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 13173-80	5.7	16
15	Development of FeO@Au nanoparticles coupled to Au@Ag core-shell nanoparticles for the sensitive detection of zearalenone. <i>Analytica Chimica Acta</i> , 2021 , 1180, 338888	6.6	13
14	An aptamer-based fluorometric zearalenone assay using a lighting-up silver nanocluster probe and catalyzed by a hairpin assembly. <i>Mikrochimica Acta</i> , 2019 , 186, 765	5.8	12
13	Effect of additives on physicochemical properties in amorphous starch matrices. <i>Food Chemistry</i> , 2015 , 171, 298-305	8.5	11
12	Highly sensitive detection of ochratoxin A based on bio-barcode immunoassay and catalytic hairpin assembly signal amplification. <i>Talanta</i> , 2020 , 208, 120405	6.2	11
11	A copper monosulfide-nanoparticle-based fluorescent probe for the sensitive and specific detection of ochratoxin A. <i>Talanta</i> , 2021 , 222, 121678	6.2	10
10	A low-field nuclear magnetic resonance DNA-hydrogel nanoprobe for bisphenol A determination in drinking water. <i>Mikrochimica Acta</i> , 2020 , 187, 333	5.8	8
9	Effects of fast food packaging plasticizers and their metabolites on steroid hormone synthesis in H295R cells. <i>Science of the Total Environment</i> , 2020 , 726, 138500	10.2	5
8	Surface-enhanced Raman spectroscopy aptasensor for simultaneous determination of ochratoxin A and zearalenone using Au@Ag core-shell nanoparticles and gold nanorods. <i>Mikrochimica Acta</i> , 2021 , 188, 281	5.8	5
7	Influence of glycerol on molecular mobility and hydrogen bond network in amorphous glucose matrix. <i>Carbohydrate Research</i> , 2012 , 361, 120-6	2.9	4

6	Upconversion-mediated CRISPR-Cas12a biosensing for sensitive detection of ochratoxin A.. <i>Talanta</i> , 2022 , 242, 123232	6.2	4
5	Influence of antioxidant structure on local molecular mobility in amorphous sucrose. <i>Carbohydrate Research</i> , 2014 , 383, 14-20	2.9	3
4	CRISPR/Cas12a-based technology: A powerful tool for biosensing in food safety.. <i>Trends in Food Science and Technology</i> , 2022 , 122, 211-222	15.3	3
3	Characterization and antimicrobial performance of magnetic Fe ₃ O ₄ @Chitosan@Ag nanoparticles synthesized via suspension technique. <i>Materials Today Communications</i> , 2021 , 28, 102481	2.5	2
2	Simple and programmed three-dimensional DNA tweezer for simultaneous one-step detection of ochratoxin A and zearalenone.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 272, 120991	4.4	1
1	Platelet 3D Preservation Using a Novel Biomimetic Nanofiber Peptide for Reduced Apoptosis and Easy Storage. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 38040-38049	9.5	1