

Jun Liang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7526606/publications.pdf>

Version: 2024-02-01

23
papers

692
citations

516561

16
h-index

610775

24
g-index

24
all docs

24
docs citations

24
times ranked

691
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	4.2	133
2	The Impact of Cross-linking Mode on the Physical and Antimicrobial Properties of a Chitosan/Bacterial Cellulose Composite. <i>Polymers</i> , 2019, 11, 491.	2.0	63
3	Development of Fe ₃ O ₄ @Au nanoparticles coupled to Au@Ag core-shell nanoparticles for the sensitive detection of zearalenone. <i>Analytica Chimica Acta</i> , 2021, 1180, 338888.	2.6	51
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.	7.8	49
5	The size-controllable preparation of chitosan/silver nanoparticle composite microsphere and its antimicrobial performance. <i>Carbohydrate Polymers</i> , 2019, 220, 22-29.	5.1	39
6	Ultrasensitive and rapid detection of T-2 toxin using a target-responsive DNA hydrogel. <i>Sensors and Actuators B: Chemical</i> , 2020, 311, 127912.	4.0	36
7	Highly Selective, Aptamer-Based, Ultrasensitive Nanogold Colorimetric Smartphone Readout for Detection of Cd(II). <i>Molecules</i> , 2019, 24, 2745.	1.7	35
8	Preparation and characterization of zein thermo-modified starch films. <i>Carbohydrate Polymers</i> , 2017, 157, 1254-1260.	5.1	31
9	Effects of glycerol on the molecular mobility and hydrogen bond network in starch matrix. <i>Carbohydrate Polymers</i> , 2015, 115, 401-407.	5.1	30
10	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.	2.5	28
11	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.	2.5	26
12	A copper monosulfide-nanoparticle-based fluorescent probe for the sensitive and specific detection of ochratoxin A. <i>Talanta</i> , 2021, 222, 121678.	2.9	24
13	Upconversion-mediated CRISPR-Cas12a biosensing for sensitive detection of ochratoxin A. <i>Talanta</i> , 2022, 242, 123232.	2.9	24
14	Highly sensitive detection of ochratoxin A based on bio-barcode immunoassay and catalytic hairpin assembly signal amplification. <i>Talanta</i> , 2020, 208, 120405.	2.9	23
15	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.	3.9	19
16	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.	0.9	17
17	Antioxidants Modulate Molecular Mobility, Oxygen Permeability, and Microstructure in Zein Films. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 13173-13180.	2.4	16
18	Effect of additives on physicochemical properties in amorphous starch matrices. <i>Food Chemistry</i> , 2015, 171, 298-305.	4.2	14

#	ARTICLE	IF	CITATIONS
19	A low-field nuclear magnetic resonance DNA-hydrogel nanoprobe for bisphenol A determination in drinking water. <i>Mikrochimica Acta</i> , 2020, 187, 333.	2.5	14
20	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.	2.0	7
21	Influence of glycerol on molecular mobility and hydrogen bond network in amorphous glucose matrix. <i>Carbohydrate Research</i> , 2012, 361, 120-126.	1.1	5
22	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.	4.0	4
23	Influence of antioxidant structure on local molecular mobility in amorphous sucrose. <i>Carbohydrate Research</i> , 2014, 383, 14-20.	1.1	3