

# Kunlun Huang

## List of Publications by Year in descending order

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206  
papers

5,085  
citations

87843

38  
h-index

168321

53  
g-index

206  
all docs

206  
docs citations

206  
times ranked

5508  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant activity of a water-soluble polysaccharide purified from <i>Pteridium aquilinum</i> . <i>Carbohydrate Research</i> , 2009, 344, 217-222.	1.1	168
2	Functional Nucleic Acid Nanomaterials: Development, Properties, and Applications. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6890-6918.	7.2	122
3	Aflatoxin B1-induced epigenetic alterations: An overview. <i>Food and Chemical Toxicology</i> , 2017, 109, 683-689.	1.8	114
4	Point-of-care and visual detection of <i>P. aeruginosa</i> and its toxin genes by multiple LAMP and lateral flow nucleic acid biosensor. <i>Biosensors and Bioelectronics</i> , 2016, 81, 317-323.	5.3	109
5	Zinc protects HepG2 cells against the oxidative damage and DNA damage induced by ochratoxin A. <i>Toxicology and Applied Pharmacology</i> , 2013, 268, 123-131.	1.3	94
6	Red Ginseng and Semen Coicis can improve the structure of gut microbiota and relieve the symptoms of ulcerative colitis. <i>Journal of Ethnopharmacology</i> , 2015, 162, 7-13.	2.0	90
7	Combination of Metagenomics and Culture-Based Methods to Study the Interaction Between Ochratoxin A and Gut Microbiota. <i>Toxicological Sciences</i> , 2014, 141, 314-323.	1.4	80
8	Hypoglycemic and hypolipidemic effect of S-allyl-cysteine sulfoxide (alliin) in DIO mice. <i>Scientific Reports</i> , 2018, 8, 3527.	1.6	77
9	miR-34a screened by miRNA profiling negatively regulates Wnt/ $\beta^2$ -catenin signaling pathway in Aflatoxin B1 induced hepatotoxicity. <i>Scientific Reports</i> , 2015, 5, 16732.	1.6	65
10	Development of a double-antibody sandwich ELISA for rapid detection of <i>Bacillus Cereus</i> in food. <i>Scientific Reports</i> , 2016, 6, 16092.	1.6	65
11	Mulberry leaf alleviates streptozotocin-induced diabetic rats by attenuating NEFA signaling and modulating intestinal microflora. <i>Scientific Reports</i> , 2017, 7, 12041.	1.6	59
12	Ultrasensitive Detection of Viable <i>Enterobacter sakazakii</i> by a Continual Cascade Nanozyme Biosensor. <i>Analytical Chemistry</i> , 2017, 89, 10194-10200.	3.2	58
13	Nucleic Acid Biosensor Synthesis of an All-in-One Universal Blocking Linker Recombinase Polymerase Amplification with a Peptide Nucleic Acid-Based Lateral Flow Device for Ultrasensitive Detection of Food Pathogens. <i>Analytical Chemistry</i> , 2018, 90, 708-715.	3.2	57
14	Safety assessment of Cry1Ab/Ac fusion protein. <i>Food and Chemical Toxicology</i> , 2009, 47, 1459-1465.	1.8	55
15	On-site detection of stacked genetically modified soybean based on event-specific TM-LAMP and a DNazyme-lateral flow biosensor. <i>Biosensors and Bioelectronics</i> , 2017, 91, 408-416.	5.3	55
16	Ochratoxin A induced early hepatotoxicity: new mechanistic insights from microRNA, mRNA and proteomic profiling studies. <i>Scientific Reports</i> , 2014, 4, .	1.6	54
17	An iTRAQ-based mitoproteomics approach for profiling the nephrotoxicity mechanisms of ochratoxin A in HEK 293 cells. <i>Journal of Proteomics</i> , 2013, 78, 398-415.	1.2	53
18	A highly sensitive and specific method for the screening detection of genetically modified organisms based on digital PCR without pretreatment. <i>Scientific Reports</i> , 2015, 5, 12715.	1.6	53

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19	Ultrasensitive magnetic DNAzyme-copper nanoclusters fluorescent biosensor with triple amplification for the visual detection of <i>E. coli</i> O157:H7. <i>Biosensors and Bioelectronics</i> , 2020, 167, 112475.	5.3	53
20	Evolution analysis of flavor-active compounds during artificial fermentation of Pu-erh tea. <i>Food Chemistry</i> , 2021, 357, 129783.	4.2	53
21	MicroRNA profiling of rats with ochratoxin A nephrotoxicity. <i>BMC Genomics</i> , 2014, 15, 333.	1.2	52
22	Chlorogenic acid ameliorates obesity by preventing energy balance shift in high-fat diet induced obese mice. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 631-637.	1.7	49
23	Aptamer-Functionalized DNA-Silver Nanocluster Nanofilm for Visual Detection and Elimination of Bacteria. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 38647-38655.	4.0	49
24	iTRAQ-based quantitative tissue proteomic analysis of differentially expressed proteins (DEPs) in non-transgenic and transgenic soybean seeds. <i>Scientific Reports</i> , 2018, 8, 17681.	1.6	48
25	DNA damage and S phase arrest induced by Ochratoxin A in human embryonic kidney cells (HEK 293). <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2014, 765, 22-31.	0.4	47
26	A Universal Electrochemical Biosensor Using Nick-HCR Nanostructure as Molecular Gate of Nanochannel for Detecting Chromium(III) Ions and MicroRNA. <i>Analytical Chemistry</i> , 2019, 91, 14992-14999.	3.2	47
27	Boosting the Photoaged Skin: The Potential Role of Dietary Components. <i>Nutrients</i> , 2021, 13, 1691.	1.7	47
28	Colorimetric detection and typing of <i>E. coli</i> lipopolysaccharides based on a dual aptamer-functionalized gold nanoparticle probe. <i>Mikrochimica Acta</i> , 2019, 186, 111.	2.5	46
29	A test strip platform based on a whole-cell microbial biosensor for simultaneous on-site detection of total inorganic mercury pollutants in cosmetics without the need for predigestion. <i>Biosensors and Bioelectronics</i> , 2020, 150, 111899.	5.3	45
30	Analysis of Individual and Combined Effects of Ochratoxin A and Zearalenone on HepG2 and KK-1 Cells with Mathematical Models. <i>Toxins</i> , 2014, 6, 1177-1192.	1.5	44
31	Zinc inhibits aflatoxin B1-induced cytotoxicity and genotoxicity in human hepatocytes (HepG2 cells). <i>Food and Chemical Toxicology</i> , 2016, 92, 17-25.	1.8	44
32	Mycotoxin Ochratoxin A-induced cell death and changes in oxidative metabolism of <i>Arabidopsis thaliana</i> . <i>Plant Cell Reports</i> , 2010, 29, 153-161.	2.8	43
33	A 90-day feeding study of glyphosate-tolerant maize with the G2-aroA gene in Sprague-Dawley rats. <i>Food and Chemical Toxicology</i> , 2013, 51, 280-287.	1.8	42
34	An electrochemical biosensor based on nucleic acids enzyme and nanochannels for detecting copper (II) ion. <i>Biosensors and Bioelectronics</i> , 2018, 120, 168-174.	5.3	42
35	Intelligent biosensing strategies for rapid detection in food safety: A review. <i>Biosensors and Bioelectronics</i> , 2022, 202, 114003.	5.3	42
36	Safety assessment of Cry1C protein from genetically modified rice according to the national standards of PR China for a new food resource. <i>Regulatory Toxicology and Pharmacology</i> , 2010, 58, 474-481.	1.3	41

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37	Nutritional assessment of transgenic lysine-rich maize compared with conventional quality protein maize. <i>Journal of the Science of Food and Agriculture</i> , 2013, 93, 1049-1054.	1.7	41
38	A rapid and visual aptasensor for Lipopolysaccharides detection based on the bulb-like triplex turn-on switch coupled with HCR-HRP nanostructures. <i>Biosensors and Bioelectronics</i> , 2017, 89, 795-801.	5.3	41
39	Insoluble Dietary Fiber from Pear Pomace Can Prevent High-Fat Diet-Induced Obesity in Rats Mainly by Improving the Structure of the Gut Microbiota. <i>Journal of Microbiology and Biotechnology</i> , 2017, 27, 856-867.	0.9	41
40	Mitochondrial proteomic analysis reveals the molecular mechanisms underlying reproductive toxicity of zearalenone in MLTC-1 cells. <i>Toxicology</i> , 2014, 324, 55-67.	2.0	39
41	Simultaneous Determination of 15 Plant Growth Regulators in Bean Sprout and Tomato with Liquid Chromatography-Triple Quadrupole Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2013, 6, 941-951.	1.3	38
42	Apoptosis Signal-regulating Kinase 1 promotes Ochratoxin A-induced renal cytotoxicity. <i>Scientific Reports</i> , 2015, 5, 8078.	1.6	38
43	Comparative analysis of the proteomic and nutritional composition of transgenic rice seeds with <i>Cry1ab/ac</i> genes and their non-transgenic counterparts. <i>Journal of Cereal Science</i> , 2012, 55, 226-233.	1.8	36
44	Highly sensitive detection of lipopolysaccharides using an aptasensor based on hybridization chain reaction. <i>Scientific Reports</i> , 2016, 6, 29524.	1.6	36
45	Subchronic feeding study of stacked trait genetically-modified soybean (3A~5423A—40-3-2) in Sprague-Dawley rats. <i>Food and Chemical Toxicology</i> , 2012, 50, 3256-3263.	1.8	35
46	A universal primer multiplex PCR method for typing of toxinogenic <i>Pseudomonas aeruginosa</i> . <i>Applied Microbiology and Biotechnology</i> , 2012, 95, 1579-1587.	1.7	35
47	Phosphatase-like activity of single-atom Ce N C nanozyme for rapid detection of Al <sup>3+</sup> . <i>Food Chemistry</i> , 2022, 390, 133127.	4.2	35
48	Event-Specific Detection of Stacked Genetically Modified Maize Bt11 A—GA21 by UP-M-PCR and Real-Time PCR. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 395-402.	2.4	34
49	Limited Link between Oxidative Stress and Ochratoxin A-Induced Renal Injury in an Acute Toxicity Rat Model. <i>Toxins</i> , 2016, 8, 373.	1.5	34
50	Ochratoxin A induces rat renal carcinogenicity with limited induction of oxidative stress responses. <i>Toxicology and Applied Pharmacology</i> , 2014, 280, 543-549.	1.3	33
51	Protective effect of N-acetylcysteine against DNA damage and S-phase arrest induced by ochratoxin A in human embryonic kidney cells (HEK-293). <i>Food and Chemical Toxicology</i> , 2014, 70, 40-47.	1.8	33
52	Detachable nanoladders: A new method for signal identification and their application in the detection of ochratoxin A (OTA). <i>Analytica Chimica Acta</i> , 2019, 1087, 113-120.	2.6	33
53	Mulberry leaf tea alleviates diabetic nephropathy by inhibiting PKC signaling and modulating intestinal flora. <i>Journal of Functional Foods</i> , 2018, 46, 118-127.	1.6	32
54	Caulis <i>Spatholobi</i> Ameliorates Obesity through Activating Brown Adipose Tissue and Modulating the Composition of Gut Microbiota. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5150.	1.8	32

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55	Central role of Nix in the autophagic response to ochratoxin A. <i>Food and Chemical Toxicology</i> , 2014, 69, 202-209.	1.8	31
56	Safety assessment of transgenic <i>Bacillus thuringiensis</i> rice T1 in Sprague-Dawley rats from metabonomics and bacterial profile perspectives. <i>IUBMB Life</i> , 2012, 64, 242-250.	1.5	30
57	Protective role of the mitochondrial Lon protease 1 in ochratoxin A-induced cytotoxicity in HEK293 cells. <i>Journal of Proteomics</i> , 2014, 101, 154-168.	1.2	30
58	One-step competitive lateral flow biosensor running on an independent quantification system for smart phones based in-situ detection of trace Hg(II) in tap water. <i>Food Chemistry</i> , 2017, 214, 169-175.	4.2	30
59	Ultrasensitive Single Fluorescence-Labeled Probe-Mediated Single Universal Primer-Multiplex Droplet Digital Polymerase Chain Reaction for High-Throughput Genetically Modified Organism Screening. <i>Analytical Chemistry</i> , 2018, 90, 5586-5593.	3.2	30
60	Efficacy and Mechanisms of Oleuropein in Mitigating Diabetes and Diabetes Complications. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 6145-6155.	2.4	30
61	Nanoscale Cerium Oxide: Synthesis, Biocatalytic Mechanism, and Applications. <i>Catalysts</i> , 2021, 11, 1123.	1.6	30
62	Single-atom Ce-N-C nanozyme bioactive paper with a 3D-printed platform for rapid detection of organophosphorus and carbamate pesticide residues. <i>Food Chemistry</i> , 2022, 387, 132896.	4.2	30
63	A 90-day subchronic feeding study of genetically modified maize expressing Cry1Ac-M protein in Sprague-Dawley rats. <i>Food and Chemical Toxicology</i> , 2012, 50, 3215-3221.	1.8	29
64	Precision toxicology shows that troxerutin alleviates ochratoxin A-induced renal lipotoxicity. <i>FASEB Journal</i> , 2019, 33, 2212-2227.	0.2	29
65	Oleuropein Ameliorates Advanced Stage of Type 2 Diabetes in db/db Mice by Regulating Gut Microbiota. <i>Nutrients</i> , 2021, 13, 2131.	1.7	29
66	Event-specific qualitative and quantitative PCR detection of roundup ready event GT73 based on the $\Delta$ -integration junction. <i>Plant Cell Reports</i> , 2007, 26, 1821-1831.	2.8	28
67	A novel antifungal peptide from foxtail millet seeds. <i>Journal of the Science of Food and Agriculture</i> , 2011, 91, 1630-1637.	1.7	28
68	High-sensitivity assay for Hg (II) and Ag (I) ion detection: A new class of droplet digital PCR logic gates for an intelligent DNA calculator. <i>Biosensors and Bioelectronics</i> , 2016, 84, 1-6.	5.3	28
69	Zinc enhances the cellular energy supply to improve cell motility and restore impaired energetic metabolism in a toxic environment induced by OTA. <i>Scientific Reports</i> , 2017, 7, 14669.	1.6	27
70	Using the promoters of MerR family proteins as $\rho$ -rheostats to engineer whole-cell heavy metal biosensors with adjustable sensitivity. <i>Journal of Biological Engineering</i> , 2019, 13, 70.	2.0	27
71	An in vitro attempt at precision toxicology reveals the involvement of DNA methylation alteration in ochratoxin A-induced G0/G1 phase arrest. <i>Epigenetics</i> , 2020, 15, 199-214.	1.3	27
72	Alliin-induced host-gut microbe interactions improves energy homeostasis. <i>FASEB Journal</i> , 2020, 34, 10682-10698.	0.2	27

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73	Establishment of a viable cell detection system for microorganisms in wine based on ethidium monoazide and quantitative PCR. <i>Food Control</i> , 2012, 27, 81-86.	2.8	26
74	Zinc inhibits the reproductive toxicity of Zearalenone in immortalized murine ovarian granular KK-1 cells. <i>Scientific Reports</i> , 2015, 5, 14277.	1.6	26
75	Cadmium tolerant characteristic of a newly isolated <i>Lactococcus lactis</i> subsp. <i>lactis</i> . <i>Environmental Toxicology and Pharmacology</i> , 2016, 48, 183-190.	2.0	26
76	Precision toxicology based on single cell sequencing: an evolving trend in toxicological evaluations and mechanism exploration. <i>Archives of Toxicology</i> , 2017, 91, 2539-2549.	1.9	25
77	Identification of a chicken ( <i>Gallus gallus</i> ) endogenous reference gene ( <i>Actb</i> ) and its application in meat adulteration. <i>Food Chemistry</i> , 2017, 234, 472-478.	4.2	25
78	iTRAQ Mitoproteome Analysis Reveals Mechanisms of Programmed Cell Death in <i>Arabidopsis thaliana</i> Induced by Ochratoxin A. <i>Toxins</i> , 2017, 9, 167.	1.5	25
79	Ultrafast, universal and visual screening of dual genetically modified elements based on dual super PCR and a lateral flow biosensor. <i>Food Chemistry</i> , 2019, 279, 246-251.	4.2	25
80	Catalytic hairpin self-assembly regulated chameleon silver nanoclusters for the ratiometric detection of CircRNA. <i>Biosensors and Bioelectronics</i> , 2022, 209, 114258.	5.3	25
81	Application of Immunoaffinity Column as Cleanup Tool for an Enzyme Linked Immunosorbent Assay of Phosphinothricin-N-acetyltransferase Detection in Genetically Modified Maize and Rape. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 4315-4321.	2.4	24
82	Single universal primer multiplex ligation-dependent probe amplification with sequencing gel electrophoresis analysis. <i>Analytical Biochemistry</i> , 2013, 443, 243-248.	1.1	24
83	Accurate and easy-to-use assessment of contiguous DNA methylation sites based on proportion competitive quantitative-PCR and lateral flow nucleic acid biosensor. <i>Biosensors and Bioelectronics</i> , 2016, 80, 654-660.	5.3	24
84	Feedback regulation mode of gene circuits directly affects the detection range and sensitivity of lead and mercury microbial biosensors. <i>Analytica Chimica Acta</i> , 2019, 1084, 85-92.	2.6	24
85	Single-cell sequencing reveals novel mechanisms of Aflatoxin B1-induced hepatotoxicity in S phase-arrested L02 cells. <i>Cell Biology and Toxicology</i> , 2020, 36, 603-608.	2.4	24
86	Transcript and protein profiling analysis of OTA-induced cell death reveals the regulation of the toxicity response process in <i>Arabidopsis thaliana</i> . <i>Journal of Experimental Botany</i> , 2012, 63, 2171-2187.	2.4	23
87	Characterization of a cadmium resistance <i>Lactococcus lactis</i> subsp. <i>lactis</i> strain by antioxidant assays and proteome profiles methods. <i>Environmental Toxicology and Pharmacology</i> , 2016, 46, 286-291.	2.0	23
88	A rapid and visual turn-off sensor for detecting copper (II) ion based on DNAzyme coupled with HCR-based HRP concatemers. <i>Scientific Reports</i> , 2017, 7, 43362.	1.6	23
89	Ochratoxin A induced premature senescence in human renal proximal tubular cells. <i>Toxicology</i> , 2017, 382, 75-83.	2.0	23
90	Alliin Regulates Energy Homeostasis through Brown Adipose Tissue. <i>IScience</i> , 2020, 23, 101113.	1.9	23

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91	Nutraceuticals in the Prevention and Treatment of the Muscle Atrophy. <i>Nutrients</i> , 2021, 13, 1914.	1.7	23
92	Metabonomics study of transgenic <i>Bacillus thuringiensis</i> rice (T2A-1) meal in a 90-day dietary toxicity study in rats. <i>Molecular BioSystems</i> , 2011, 7, 2304.	2.9	22
93	Evaluation of flavonoid and polyphenol constituents in mulberry leaves using HPLC fingerprint analysis. <i>International Journal of Food Science and Technology</i> , 2020, 55, 526-533.	1.3	22
94	A colorimetric zinc(II) assay based on the use of hairpin DNAzyme recycling and a hemin/G-quadruplex lighted DNA nanoladder. <i>Mikrochimica Acta</i> , 2020, 187, 26.	2.5	22
95	Single universal primer recombinase polymerase amplification-based lateral flow biosensor (SUP-RPA-LFB) for multiplex detection of genetically modified maize. <i>Analytica Chimica Acta</i> , 2020, 1127, 217-224.	2.6	22
96	A Sensitive and Selective Fluorescent Sensor for Berberine Chloride Based on the Supramolecular Self-Assembly of Perylene Diimide in Aqueous Solution. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 6517-6523.	3.2	22
97	Genome mining reveals the genes of carboxypeptidase for OTA-detoxification in <i>Bacillus subtilis</i> CW14. <i>International Journal of Biological Macromolecules</i> , 2021, 186, 800-810.	3.6	22
98	A papaya-specific gene, papain, used as an endogenous reference gene in qualitative and real-time quantitative PCR detection of transgenic papayas. <i>European Food Research and Technology</i> , 2008, 228, 301-309.	1.6	21
99	Evaluation of phenolic compounds, antioxidant and antiproliferative activities of 31 grape cultivars with different genotypes. <i>Journal of Food Biochemistry</i> , 2019, 43, e12626.	1.2	21
100	<i>miR-122</i> plays an important role in ochratoxin A-induced hepatocyte apoptosis <i>in vitro</i> and <i>in vivo</i> . <i>Toxicology Research</i> , 2016, 5, 160-167.	0.9	20
101	A gas reporting whole-cell microbial biosensor system for rapid on-site detection of mercury contamination in soils. <i>Biosensors and Bioelectronics</i> , 2020, 170, 112660.	5.3	20
102	Ectopic Odorant Receptor Responding to Flavor Compounds: Versatile Roles in Health and Disease. <i>Pharmaceutics</i> , 2021, 13, 1314.	2.0	20
103	Insights into nucleic acid-based self-assembling nanocarriers for targeted drug delivery and controlled drug release. <i>Journal of Controlled Release</i> , 2022, 341, 869-891.	4.8	20
104	Cell-specific aptamers as potential drugs in therapeutic applications: A review of current progress. <i>Journal of Controlled Release</i> , 2022, 346, 405-420.	4.8	20
105	A novel common single primer multiplex polymerase chain reaction (CSP-PCR) method for the identification of animal species in minced meat. <i>Journal of the Science of Food and Agriculture</i> , 2008, 88, 2631-2637.	1.7	19
106	Event-specific qualitative and quantitative PCR detection of LY038 maize in mixed samples. <i>Food Control</i> , 2011, 22, 1287-1295.	2.8	19
107	A peach ( <i>Prunus persica</i> )-specific gene, <i>Lhcb2</i> , used as an endogenous reference gene for qualitative and real-time quantitative PCR to detect fruit products. <i>LWT - Food Science and Technology</i> , 2014, 55, 218-223.	2.5	19
108	Changes in biosynthesis and metabolism of glutathione upon ochratoxin A stress in <i>Arabidopsis thaliana</i> . <i>Plant Physiology and Biochemistry</i> , 2014, 79, 10-18.	2.8	19

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109	A Novel Pretreatment-Free Duplex Chamber Digital PCR Detection System for the Absolute Quantitation of GMO Samples. <i>International Journal of Molecular Sciences</i> , 2016, 17, 402.	1.8	19
110	Development and application of absolute quantitative detection by duplex chamber-based digital PCR of genetically modified maize events without pretreatment steps. <i>Analytica Chimica Acta</i> , 2016, 916, 60-66.	2.6	19
111	Fatty acid oxidation alleviates the energy deficiency caused by the loss of MPC1 in MPC1+/Δ mice. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 1008-1013.	1.0	19
112	Pleurotus Ostreatus Ameliorates Obesity by Modulating the Gut Microbiota in Obese Mice Induced by High-Fat Diet. <i>Nutrients</i> , 2022, 14, 1868.	1.7	19
113	Subchronic toxicity study in vivo and allergenicity study in vitro for genetically modified rice that expresses pharmaceutical protein (human serum albumin). <i>Food and Chemical Toxicology</i> , 2014, 72, 242-246.	1.8	18
114	Safety assessment of lepidopteran insect-protected transgenic rice with cry2A* gene. <i>Transgenic Research</i> , 2016, 25, 163-172.	1.3	18
115	Proteomics reveals the alleviation of zinc towards aflatoxin B1-induced cytotoxicity in human hepatocytes (HepG2 cells). <i>Ecotoxicology and Environmental Safety</i> , 2020, 198, 110596.	2.9	18
116	A smart sealed nucleic acid biosensor based on endogenous reference gene detection to screen and identify mammals on site. <i>Scientific Reports</i> , 2017, 7, 43453.	1.6	17
117	Ultra-sensitive and absolute quantitative detection of Cu <sup>2+</sup> based on DNAzyme and digital PCR in water and drink samples. <i>Food Chemistry</i> , 2017, 221, 1770-1777.	4.2	17
118	A 90-day subchronic feeding study of genetically modified rice expressing Cry1Ab protein in Sprague-Dawley rats. <i>Transgenic Research</i> , 2015, 24, 295-308.	1.3	16
119	Ultra-sensitive return-on-detection method for Hg <sup>2+</sup> based on mispairing biosensor and emulsion PCR. <i>Talanta</i> , 2016, 155, 168-174.	2.9	16
120	BALB/c mice can be used to evaluate allergenicity of different food protein extracts. <i>Food and Agricultural Immunology</i> , 2016, 27, 589-603.	0.7	16
121	Purple Sweet Potato Attenuate Weight Gain in High Fat Diet Induced Obese Mice. <i>Journal of Food Science</i> , 2017, 82, 787-793.	1.5	15
122	Self-Assembling Cyclodextrin-Based Nanoparticles Enhance the Cellular Delivery of Hydrophobic Alicin. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 11144-11150.	2.4	15
123	Bioeffects of chromium(III) on the growth of <i>Spirulina platensis</i> and its biotransformation. <i>Journal of the Science of Food and Agriculture</i> , 2009, 89, 947-952.	1.7	14
124	Colorimetric biosensor based on a DNAzyme primer and its application in logic gate operations for DNA screening. <i>Analytica Chimica Acta</i> , 2017, 987, 111-117.	2.6	14
125	Intraperitoneal administration of follistatin promotes adipocyte browning in high-fat diet-induced obese mice. <i>PLoS ONE</i> , 2019, 14, e0220310.	1.1	14
126	Effects of genetically modified T2A-1 rice on faecal microflora of rats during 90 day supplementation. <i>Journal of the Science of Food and Agriculture</i> , 2011, 91, 2066-2072.	1.7	13



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127	Comparative proteomics and physiological characterization of <i>Arabidopsis thaliana</i> seedlings in responses to Ochratoxin A. <i>Plant Molecular Biology</i> , 2013, 82, 321-337.	2.0	13
128	Potential subchronic food safety of the stacked trait transgenic maize GH5112E-117C in Sprague-Dawley rats. <i>Transgenic Research</i> , 2016, 25, 453-463.	1.3	13
129	Ochratoxin A transport by the human breast cancer resistance protein (BCRP), multidrug resistance protein 2 (MRP2), and organic anion-transporting polypeptides 1A2, 1B1 and 2B1. <i>Toxicology and Applied Pharmacology</i> , 2017, 329, 18-25.	1.3	13
130	Rapid and visual detection of berberine hydrochloride based on a water-soluble pyrene derivative. <i>Luminescence</i> , 2019, 34, 558-562.	1.5	13
131	The ultra-sensitive visual biosensor based on thermostatic triple step functional nucleic acid cascade amplification for detecting Zn <sup>2+</sup> . <i>Food Chemistry</i> , 2019, 290, 95-100.	4.2	13
132	Third Generation Whole-Cell Sensing Systems: Synthetic Biology Inside, Nanomaterial Outside. <i>Trends in Biotechnology</i> , 2021, 39, 550-559.	4.9	13
133	Intracellular CircRNA imaging and signal amplification strategy based on the graphene oxide-DNA system. <i>Analytica Chimica Acta</i> , 2021, 1183, 338966.	2.6	13
134	Aptamer-Functionalized Binary-Drug Delivery System for Synergetic Obesity Therapy. <i>ACS Nano</i> , 2022, 16, 1036-1050.	7.3	13
135	Potential allergenicity research of Cry1C protein from genetically modified rice. <i>Regulatory Toxicology and Pharmacology</i> , 2012, 63, 181-187.	1.3	12
136	Safety assessment of genetically modified rice expressing human serum albumin from urine metabonomics and fecal bacterial profile. <i>Food and Chemical Toxicology</i> , 2015, 76, 1-10.	1.8	12
137	Rapid and visual detection of folic acid via supramolecular recognition with a perylene bisimide probe in aqueous media. <i>Talanta</i> , 2020, 219, 121222.	2.9	12
138	Fungal G-Protein-Coupled Receptors: A Promising Mediator of the Impact of Extracellular Signals on Biosynthesis of Ochratoxin A. <i>Frontiers in Microbiology</i> , 2021, 12, 631392.	1.5	11
139	Recent Advances in Nucleic Acid Modulation for Functional Nanozyme. <i>Catalysts</i> , 2021, 11, 638.	1.6	11
140	Lactoferrin, a Critical Player in Neonate Intestinal Development: RHLF may be a Good Choice in Formula. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 8726-8736.	2.4	11
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