

Kunlun Huang

List of Publications by Year in descending order

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Version: 2024-02-01

206
papers

5,085
citations

87888
38
h-index

168389
53
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206
all docs

206
docs citations

206
times ranked

5508
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding the mechanism underlying the anti-diabetic effect of dietary component: a focus on gut microbiota. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 7378-7398.	10.3	11
2	Ectopic odorant receptors responding to flavor compounds in skin health and disease: Current insights and future perspectives. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 9392-9408.	10.3	10
3	Antagonistic activity of <i>Bacillus subtilis</i> CW14 and its β -glucanase against <i>Aspergillus ochraceus</i> . <i>Food Control</i> , 2022, 131, 108475.	5.5	11
4	Graphene oxide nanosheet-mediated fluorescent RPA "turn-on" biosensor for rapid RNAi transgenic plant detection. <i>Analytica Chimica Acta</i> , 2022, 1189, 339222.	5.4	4
5	Rapid and sensitive detection of dextran sulfate sodium based on supramolecular self-assembly of a perylene diimide derivative in aqueous solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 270, 120760.	3.9	7
6	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.	9.9	20
7	A 90-Day Subchronic Toxicity Study of Consumption of GH-Transgenic Triploid Carp in Wistar Rats. <i>Fishes</i> , 2022, 7, 10.	1.7	2
8	Intelligent biosensing strategies for rapid detection in food safety: A review. <i>Biosensors and Bioelectronics</i> , 2022, 202, 114003.	10.1	42
9	Aptamer-Functionalized Binary-Drug Delivery System for Synergetic Obesity Therapy. <i>ACS Nano</i> , 2022, 16, 1036-1050.	14.6	13
10	<i>Coreopsis tinctoria</i> and Its Flavonoids Ameliorate Hyperglycemia in Obese Mice Induced by High-Fat Diet. <i>Nutrients</i> , 2022, 14, 1160.	4.1	8
11	Functional nucleic acid lateral flow magnetic biosensor based on blocking the super PCR and magnetic test strip for rapid detection of genetically modified maize MON810. <i>Analytica Chimica Acta</i> , 2022, 1202, 339660.	5.4	3
12	Current progress of miRNA-derivative nucleotide drugs: modifications, delivery systems, applications. <i>Expert Opinion on Drug Delivery</i> , 2022, 19, 435-450.	5.0	9
13	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.	8.2	30
14	Catalytic hairpin self-assembly regulated chameleon silver nanoclusters for the ratiometric detection of CircRNA. <i>Biosensors and Bioelectronics</i> , 2022, 209, 114258.	10.1	25
15	<i>Pleurotus Ostreatus</i> Ameliorates Obesity by Modulating the Gut Microbiota in Obese Mice Induced by High-Fat Diet. <i>Nutrients</i> , 2022, 14, 1868.	4.1	19
16	Extraction and Identification of Three New <i>Urechis unicinctus</i> Visceral Peptides and Their Antioxidant Activity. <i>Marine Drugs</i> , 2022, 20, 293.	4.6	8
17	Artemether Ameliorates Non-Alcoholic Steatohepatitis by Repressing Lipogenesis, Inflammation, and Fibrosis in Mice. <i>Frontiers in Pharmacology</i> , 2022, 13, 851342.	3.5	5
18	Cell-specific aptamers as potential drugs in therapeutic applications: A review of current progress. <i>Journal of Controlled Release</i> , 2022, 346, 405-420.	9.9	20

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19	Phosphatase-like activity of single-atom Ce N C nanozyme for rapid detection of Al ³⁺ . Food Chemistry, 2022, 390, 133127.	8.2	35
20	Single-cell transcriptomics uncovers potential marker genes of ochratoxin A-sensitive renal cells in an acute toxicity rat model. Cell Biology and Toxicology, 2021, 37, 7-13.	5.3	9
21	Chlorogenic acid ameliorates obesity by preventing energy balance shift in high-fat diet induced obese mice. Journal of the Science of Food and Agriculture, 2021, 101, 631-637.	3.5	49
22	Third Generation Whole-Cell Sensing Systems: Synthetic Biology Inside, Nanomaterial Outside. Trends in Biotechnology, 2021, 39, 550-559.	9.3	13
23	Funktionelle Nukleinsäuren Nanomaterialien: Entwicklung, Eigenschaften und Anwendungen. Angewandte Chemie, 2021, 133, 6966-6995.	2.0	4
24	Functional Nucleic Acid Nanomaterials: Development, Properties, and Applications. Angewandte Chemie - International Edition, 2021, 60, 6890-6918.	13.8	122
25	Fungal G-Protein-Coupled Receptors: A Promising Mediator of the Impact of Extracellular Signals on Biosynthesis of Ochratoxin A. Frontiers in Microbiology, 2021, 12, 631392.	3.5	11
26	Recent Advances in Nucleic Acid Modulation for Functional Nanozyme. Catalysts, 2021, 11, 638.	3.5	11
27	Boosting the Photoaged Skin: The Potential Role of Dietary Components. Nutrients, 2021, 13, 1691.	4.1	47
28	Efficacy and Mechanisms of Oleuropein in Mitigating Diabetes and Diabetes Complications. Journal of Agricultural and Food Chemistry, 2021, 69, 6145-6155.	5.2	30
29	Oleuropein Ameliorates Advanced Stage of Type 2 Diabetes in db/db Mice by Regulating Gut Microbiota. Nutrients, 2021, 13, 2131.	4.1	29
30	Nutraceuticals in the Prevention and Treatment of the Muscle Atrophy. Nutrients, 2021, 13, 1914.	4.1	23
31	Multidimensional analysis of the epigenetic alterations in toxicities induced by mycotoxins. Food and Chemical Toxicology, 2021, 153, 112251.	3.6	9
32	Lactoferrin, a Critical Player in Neonate Intestinal Development: RHLF may be a Good Choice in Formula. Journal of Agricultural and Food Chemistry, 2021, 69, 8726-8736.	5.2	11
33	Ectopic Odorant Receptor Responding to Flavor Compounds: Versatile Roles in Health and Disease. Pharmaceutics, 2021, 13, 1314.	4.5	20
34	Aptamer-Functionalized DNA-Silver Nanocluster Nanofilm for Visual Detection and Elimination of Bacteria. ACS Applied Materials & Interfaces, 2021, 13, 38647-38655.	8.0	49
35	Dietary Bioactive Ingredients Modulating the cAMP Signaling in Diabetes Treatment. Nutrients, 2021, 13, 3038.	4.1	6
36	Exosomes mediated the delivery of ochratoxin A-induced cytotoxicity in HEK293 cells. Toxicology, 2021, 461, 152926.	4.2	10

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37	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.	7.5	22
38	Nanoscale Cerium Oxide: Synthesis, Biocatalytic Mechanism, and Applications. <i>Catalysts</i> , 2021, 11, 1123.	3.5	30
39	Evolution analysis of flavor-active compounds during artificial fermentation of Pu-erh tea. <i>Food Chemistry</i> , 2021, 357, 129783.	8.2	53
40	Intracellular CircRNA imaging and signal amplification strategy based on the graphene oxide-DNA system. <i>Analytica Chimica Acta</i> , 2021, 1183, 338966.	5.4	13
41	Highly Sensitive and Selective Copper (II)-Catalyzed Dual-DNAzyme Colorimetric Biosensor Based on Exonuclease III-Mediated Cyclical Assembly. <i>Catalysts</i> , 2021, 11, 1352.	3.5	3
42	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.	2.7	27
43	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.	2.7	22
44	Untargeted Metabonomics of Genetically Modified Cows Expressing Lactoferrin Based on Serum and Milk. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 686-696.	5.2	7
45	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.	5.0	22
46	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.	10.1	45
47	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.	5.4	22
48	Alliinase-induced host-gut microbe interactions improves energy homeostasis. <i>FASEB Journal</i> , 2020, 34, 10682-10698.	0.5	27
49	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.	10.1	53
50	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.	10.1	20
51	Self-Assembling Cyclodextrin-Based Nanoparticles Enhance the Cellular Delivery of Hydrophobic Alliin. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 11144-11150.	5.2	15
52	Rapid and visual detection of folic acid via supramolecular recognition with a perylene bisimide probe in aqueous media. <i>Talanta</i> , 2020, 219, 121222.	5.5	12
53	Self-assembly of flavin mononucleotide and a cationic polythiophene in aqueous media: spectroscopic studies and sensing applications. <i>Polymer Chemistry</i> , 2020, 11, 3762-3767.	3.9	7
54	A "turn-on" ultra-sensitive multiplex real-time fluorescent quantitative biosensor mediated by a universal primer and probe for the detection of genetically modified organisms. <i>Food Chemistry</i> , 2020, 330, 127247.	8.2	9

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55	Multiplex pyrosequencing quantitative detection combined with universal primer-multiplex-PCR for genetically modified organisms. Food Chemistry, 2020, 320, 126634.	8.2	6
56	Single-cell sequencing reveals novel mechanisms of Aflatoxin B1-induced hepatotoxicity in S phase-arrested L02 cells. Cell Biology and Toxicology, 2020, 36, 603-608.	5.3	24
57	Comprehensive Analysis of the Characteristics and Differences in Adult and Newborn Brown Adipose Tissue (BAT): Newborn BAT Is a More Active/Dynamic BAT. Cells, 2020, 9, 201.	4.1	10
58	Allicin Regulates Energy Homeostasis through Brown Adipose Tissue. IScience, 2020, 23, 101113.	4.1	23
59	A Sensitive and Selective Fluorescent Sensor for Berberine Chloride Based on the Supramolecular Self-Assembly of Perylene Diimide in Aqueous Solution. ACS Sustainable Chemistry and Engineering, 2020, 8, 6517-6523.	6.7	22
60	Rapid and Visual Detection of Bipyridylum Herbicides Based on Polyelectrolyte-Induced Nanoassemblies of Pyrenyl Probes. ACS Sustainable Chemistry and Engineering, 2020, 8, 6861-6867.	6.7	10
61	Proteomics reveals the alleviation of zinc towards aflatoxin B1-induced cytotoxicity in human hepatocytes (HepG2 cells). Ecotoxicology and Environmental Safety, 2020, 198, 110596.	6.0	18
62	Evaluation of phenolic compounds, antioxidant and antiproliferative activities of 31 grape cultivars with different genotypes. Journal of Food Biochemistry, 2019, 43, e12626.	2.9	21
63	Feedback regulation mode of gene circuits directly affects the detection range and sensitivity of lead and mercury microbial biosensors. Analytica Chimica Acta, 2019, 1084, 85-92.	5.4	24
64	Evaluation of the effects of feeding glyphosate-tolerant soybeans (CP4 EPSPS) on the testis of male Sprague-Dawley rats. GM Crops and Food, 2019, 10, 181-190.	3.8	5
65	Glucose-regulated protein 75 in foodborne disease models induces renal tubular necrosis. Food and Chemical Toxicology, 2019, 133, 110720.	3.6	10
66	Intraperitoneal administration of follistatin promotes adipocyte browning in high-fat diet-induced obese mice. PLoS ONE, 2019, 14, e0220310.	2.5	14
67	A Universal Electrochemical Biosensor Using Nick-HCR Nanostructure as Molecular Gate of Nanochannel for Detecting Chromium(III) Ions and MicroRNA. Analytical Chemistry, 2019, 91, 14992-14999.	6.5	47
68	Detachable nanoladders: A new method for signal identification and their application in the detection of ochratoxin A (OTA). Analytica Chimica Acta, 2019, 1087, 113-120.	5.4	33
69	Caulis Spatholobi Ameliorates Obesity through Activating Brown Adipose Tissue and Modulating the Composition of Gut Microbiota. International Journal of Molecular Sciences, 2019, 20, 5150.	4.1	32
70	Using the promoters of MerR family proteins as "thermostats" to engineer whole-cell heavy metal biosensors with adjustable sensitivity. Journal of Biological Engineering, 2019, 13, 70.	4.7	27
71	Rapid and visual detection of berberine hydrochloride based on a water-soluble pyrene derivative. Luminescence, 2019, 34, 558-562.	2.9	13
72	Diagnosing and tracing the pathogens of infantile infectious diarrhea by amplicon sequencing. Gut Pathogens, 2019, 11, 12.	3.4	7

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73	The ultra-sensitive visual biosensor based on thermostatic triple step functional nucleic acid cascade amplification for detecting Zn ²⁺ . Food Chemistry, 2019, 290, 95-100.	8.2	13
74	Ultrafast, universal and visual screening of dual genetically modified elements based on dual super PCR and a lateral flow biosensor. Food Chemistry, 2019, 279, 246-251.	8.2	25
75	Colorimetric detection and typing of E. coli lipopolysaccharides based on a dual aptamer-functionalized gold nanoparticle probe. Mikrochimica Acta, 2019, 186, 111.	5.0	46
76	Precision toxicology shows that troxerutin alleviates ochratoxin A-induced renal lipotoxicity. FASEB Journal, 2019, 33, 2212-2227.	0.5	29
77	No subchronic toxicity of multiple herbicide-resistant soybean FG72 in Sprague-Dawley rats by 90-days feeding study. Regulatory Toxicology and Pharmacology, 2018, 94, 299-305.	2.7	7
78	Rapid and low-cost strategy for detecting genome-editing induced deletion: A single-copy case. Analytica Chimica Acta, 2018, 1019, 111-118.	5.4	7
79	Hypoglycemic and hypolipidemic effect of S-allyl-cysteine sulfoxide (alliin) in DIO mice. Scientific Reports, 2018, 8, 3527.	3.3	77
80	Ultrasensitive Single Fluorescence-Labeled Probe-Mediated Single Universal Primer-Multiplex Droplet Digital Polymerase Chain Reaction for High-Throughput Genetically Modified Organism Screening. Analytical Chemistry, 2018, 90, 5586-5593.	6.5	30
81	Safety evaluation of subchronic feeding of <i>nisl</i> transformed <i>Lactobacillus plantarum</i> in Sprague-Dawley rats. Journal of Food Safety, 2018, 38, e12427.	2.3	2
82	Fatty acid oxidation alleviates the energy deficiency caused by the loss of MPC1 in MPC1 ^{+/Δ} mice. Biochemical and Biophysical Research Communications, 2018, 495, 1008-1013.	2.1	19
83	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. Analytical Chemistry, 2018, 90, 708-715.	6.5	57
84	iTRAQ-based quantitative tissue proteomic analysis of differentially expressed proteins (DEPs) in non-transgenic and transgenic soybean seeds. Scientific Reports, 2018, 8, 17681.	3.3	48
85	Characterization and Beige Adipogenic Potential of Human Embryo White Adipose Tissue-Derived Stem Cells. Cellular Physiology and Biochemistry, 2018, 51, 2900-2915.	1.6	6
86	Mulberry leaf tea alleviates diabetic nephropathy by inhibiting PKC signaling and modulating intestinal flora. Journal of Functional Foods, 2018, 46, 118-127.	3.4	32
87	Safety evaluation of genetically modified DAS-40278-9 maize in a subchronic rodent feeding study. Regulatory Toxicology and Pharmacology, 2018, 96, 146-152.	2.7	5
88	The food safety of DP-356Δ43 soybeans on SD rats reflected by physiological variables and fecal microbiota during a 90-day feeding study. Regulatory Toxicology and Pharmacology, 2018, 97, 144-151.	2.7	0
89	A 28-day subchronic feeding study of chicken injected by genetically modified DNA-vaccine of avian influenzas in Sprague-Dawley rats. Regulatory Toxicology and Pharmacology, 2018, 98, 245-249.	2.7	2
90	An electrochemical biosensor based on nucleic acids enzyme and nanochannels for detecting copper (II) ion. Biosensors and Bioelectronics, 2018, 120, 168-174.	10.1	42

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91	Mitigation of cell apoptosis induced by ochratoxin A (OTA) is possibly through organic cation transport 2 (OCT2) knockout. Food and Chemical Toxicology, 2018, 121, 15-23.	3.6	10
92	Adipose tissues of MPC1 [±] mice display altered lipid metabolism-related enzyme expression levels. PeerJ, 2018, 6, e5799.	2.0	8
93	A rapid and visual turn-off sensor for detecting copper (II) ion based on DNAzyme coupled with HCR-based HRP concatemers. Scientific Reports, 2017, 7, 43362.	3.3	23
94	A smart sealed nucleic acid biosensor based on endogenous reference gene detection to screen and identify mammals on site. Scientific Reports, 2017, 7, 43453.	3.3	17
95	Purple Sweet Potato Attenuate Weight Gain in High Fat Diet Induced Obese Mice. Journal of Food Science, 2017, 82, 787-793.	3.1	15
96	Nutrient Assessment of GMOs. , 2017, , 15-62.		0
97	Safety Assessment of Transgenic Microbiology. , 2017, , 207-227.		0
98	Toxicology Assessment. , 2017, , 119-164.		0
99	New Technology Used in GMO Safety Assessment. , 2017, , 181-206.		1
100	Safety Assessment of Genetically Modified Foods. , 2017, , .		5
101	Precision toxicology based on single cell sequencing: an evolving trend in toxicological evaluations and mechanism exploration. Archives of Toxicology, 2017, 91, 2539-2549.	4.2	25
102	Novel multiplex qualitative detection using universal primer-multiplex-PCR combined with pyrosequencing. Food Chemistry, 2017, 237, 773-778.	8.2	3
103	Aflatoxin B1-induced epigenetic alterations: An overview. Food and Chemical Toxicology, 2017, 109, 683-689.	3.6	114
104	Identification of a chicken (Gallus gallus) endogenous reference gene (Actb) and its application in meat adulteration. Food Chemistry, 2017, 234, 472-478.	8.2	25
105	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. Toxicology and Applied Pharmacology, 2017, 329, 18-25.	2.8	13
106	Ochratoxin A induced premature senescence in human renal proximal tubular cells. Toxicology, 2017, 382, 75-83.	4.2	23
107	Rice- or pork-based diets with similar calorie and content result in different rat gut microbiota. International Journal of Food Sciences and Nutrition, 2017, 68, 829-839.	2.8	4
108	On-site detection of stacked genetically modified soybean based on event-specific TM-LAMP and a DNAzyme-lateral flow biosensor. Biosensors and Bioelectronics, 2017, 91, 408-416.	10.1	55

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109	Mulberry leaf alleviates streptozotocin-induced diabetic rats by attenuating NEFA signaling and modulating intestinal microflora. <i>Scientific Reports</i> , 2017, 7, 12041.	3.3	59
110	Safety assessment of transgenic canola RF3 with bar and barstar gene on Sprague-Dawley (SD) rats by 90-day feeding test. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 91, 226-234.	2.7	5
111	Ultrasensitive Detection of Viable <i>Enterobacter sakazakii</i> by a Continual Cascade Nanozyme Biosensor. <i>Analytical Chemistry</i> , 2017, 89, 10194-10200.	6.5	58
112	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.	5.4	14
113	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.	3.3	27
114	Ultra-sensitive and absolute quantitative detection of Cu ²⁺ based on DNAzyme and digital PCR in water and drink samples. <i>Food Chemistry</i> , 2017, 221, 1770-1777.	8.2	17
115	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.	10.1	41
116	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.	8.2	30
117	Initial Spore Density Has an Influence on Ochratoxin A Content in <i>Aspergillus ochraceus</i> CGMCC 3.4412 in PDB and Its Interaction with Seeds. <i>Toxins</i> , 2017, 9, 146.	3.4	5
118	iTRAQ Mitoproteome Analysis Reveals Mechanisms of Programmed Cell Death in <i>Arabidopsis thaliana</i> Induced by Ochratoxin A. <i>Toxins</i> , 2017, 9, 167.	3.4	25
119	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.	2.1	41
120	Overviews of Food Allergy and Evaluating Methods Used in Allergenic Assessment of GMOs with Application Examples Conducted in Our Laboratory. , 2017, , 63-117.		0
121	Limited Link between Oxidative Stress and Ochratoxin A-Induced Renal Injury in an Acute Toxicity Rat Model. <i>Toxins</i> , 2016, 8, 373.	3.4	34
122	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.	4.1	19
123	In Vivo Effects of <i>Pichia Pastoris</i> -Expressed Antimicrobial Peptide Hepcidin on the Community Composition and Metabolism Gut Microbiota of Rats. <i>PLoS ONE</i> , 2016, 11, e0164771.	2.5	7
124	Research on Gene Mobility and Gene Flow Between Genetically Modified Mon 15985 Cotton and <i>Pleurotus Ostreatus</i> . <i>Journal of Food Safety</i> , 2016, 36, 423-432.	2.3	3
125	Development of a double-antibody sandwich ELISA for rapid detection of <i>Bacillus Cereus</i> in food. <i>Scientific Reports</i> , 2016, 6, 16092.	3.3	65
126	Zinc inhibits aflatoxin B1-induced cytotoxicity and genotoxicity in human hepatocytes (HepG2 cells). <i>Food and Chemical Toxicology</i> , 2016, 92, 17-25.	3.6	44

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127	Ultra-sensitive “turn-on” detection method for Hg ²⁺ based on mispairing biosensor and emulsion PCR. <i>Talanta</i> , 2016, 155, 168-174.	5.5	16
128	BALB/c mice can be used to evaluate allergenicity of different food protein extracts. <i>Food and Agricultural Immunology</i> , 2016, 27, 589-603.	1.4	16
129	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.	10.1	28
130	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.	4.0	23
131	High-throughput Tag Sequencing Analysis of Early Events Induced by Ochratoxin A in HepG2 Cells. <i>Journal of Biochemical and Molecular Toxicology</i> , 2016, 30, 29-36.	3.0	4
132	Highly sensitive detection of lipopolysaccharides using an aptasensor based on hybridization chain reaction. <i>Scientific Reports</i> , 2016, 6, 29524.	3.3	36
133	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.	4.0	26
134	Rat and poultry feeding studies with soybean meal produced from imidazolinone-tolerant (CV127) soybeans. <i>Food and Chemical Toxicology</i> , 2016, 88, 48-56.	3.6	6
135	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.	10.1	109
136	A subchronic feeding study of dicamba-tolerant soybean with the dmo gene in Sprague-Dawley rats. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 77, 134-142.	2.7	8
137	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.	10.1	24
138	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.	5.4	19
139	Potential subchronic food safety of the stacked trait transgenic maize GH5112E-117C in Sprague-Dawley rats. <i>Transgenic Research</i> , 2016, 25, 453-463.	2.4	13
140	Effects of neutrophils peptide-1 transgenic <i>Chlorella ellipsoidea</i> on the gut microbiota of male Sprague-Dawley rats, as revealed by high-throughput 16S rRNA sequencing. <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 43.	3.6	5
141	Safety assessment of lepidopteran insect-protected transgenic rice with cry2A* gene. <i>Transgenic Research</i> , 2016, 25, 163-172.	2.4	18
142	miR-122 plays an important role in ochratoxin A-induced hepatocyte apoptosis in vitro and in vivo. <i>Toxicology Research</i> , 2016, 5, 160-167.	2.1	20
143	miR-34a screened by miRNA profiling negatively regulates Wnt/ β -catenin signaling pathway in Aflatoxin B1 induced hepatotoxicity. <i>Scientific Reports</i> , 2015, 5, 16732.	3.3	65
144	Zinc inhibits the reproductive toxicity of Zearalenone in immortalized murine ovarian granular KK-1 cells. <i>Scientific Reports</i> , 2015, 5, 14277.	3.3	26

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145	Apoptosis Signal-regulating Kinase 1 promotes Ochratoxin A-induced renal cytotoxicity. <i>Scientific Reports</i> , 2015, 5, 8078.	3.3	38
146	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.	4.1	90
147	A 90-day subchronic feeding study of genetically modified rice expressing Cry1Ab protein in Spragueâ€Dawley rats. <i>Transgenic Research</i> , 2015, 24, 295-308.	2.4	16
148	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.	3.3	53
149	A 90-day subchronic study of rats fed lean pork from genetically modified pigs with muscle-specific expression of recombinant follistatin. <i>Regulatory Toxicology and Pharmacology</i> , 2015, 73, 620-628.	2.7	5
150	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.	3.6	12
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