

Kunlun Huang

List of Publications by Year in descending order

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Version: 2024-02-01

206
papers

5,085
citations

87843

38
h-index

168321

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.	5.4	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.	5.4	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.	2.8	11
4	Graphene oxide nanosheet-mediated fluorescent RPA α -turn-on β -biosensor for rapid RNAi transgenic plant detection. <i>Analytica Chimica Acta</i> , 2022, 1189, 339222.	2.6	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.	2.0	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.	4.8	20
7	A 90-Day Subchronic Toxicity Study of Consumption of GH-Transgenic Triploid Carp in Wistar Rats. <i>Fishes</i> , 2022, 7, 10.	0.7	2
8	Intelligent biosensing strategies for rapid detection in food safety: A review. <i>Biosensors and Bioelectronics</i> , 2022, 202, 114003.	5.3	42
9	Aptamer-Functionalized Binary-Drug Delivery System for Synergetic Obesity Therapy. <i>ACS Nano</i> , 2022, 16, 1036-1050.	7.3	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.	1.7	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 β . <i>Analytica Chimica Acta</i> , 2022, 1202, 339660.	2.6	3
12	Current progress of miRNA-derivative nucleotide drugs: modifications, delivery systems, applications. <i>Expert Opinion on Drug Delivery</i> , 2022, 19, 435-450.	2.4	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.	4.2	30
14	Catalytic hairpin self-assembly regulated chameleon silver nanoclusters for the ratiometric detection of CircRNA. <i>Biosensors and Bioelectronics</i> , 2022, 209, 114258.	5.3	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.	1.7	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.	2.2	8
17	Artemether Ameliorates Non-Alcoholic Steatohepatitis by Repressing Lipogenesis, Inflammation, and Fibrosis in Mice. <i>Frontiers in Pharmacology</i> , 2022, 13, 851342.	1.6	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.	4.8	20

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19	Phosphatase-like activity of single-atom Ce N C nanozyme for rapid detection of Al ³⁺ . <i>Food Chemistry</i> , 2022, 390, 133127.	4.2	35
20	Single-cell transcriptomics uncovers potential marker genes of ochratoxin A-sensitive renal cells in an acute toxicity rat model. <i>Cell Biology and Toxicology</i> , 2021, 37, 7-13.	2.4	9
21	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
22	Third Generation Whole-Cell Sensing Systems: Synthetic Biology Inside, Nanomaterial Outside. <i>Trends in Biotechnology</i> , 2021, 39, 550-559.	4.9	13
23	Funktionelle Nukleinsäuren Nanomaterialien: Entwicklung, Eigenschaften und Anwendungen. <i>Angewandte Chemie</i> , 2021, 133, 6966-6995.	1.6	4
24	Functional Nucleic Acid Nanomaterials: Development, Properties, and Applications. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6890-6918.	7.2	122
25	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
26	Recent Advances in Nucleic Acid Modulation for Functional Nanozyme. <i>Catalysts</i> , 2021, 11, 638.	1.6	11
27	Boosting the Photoaged Skin: The Potential Role of Dietary Components. <i>Nutrients</i> , 2021, 13, 1691.	1.7	47
28	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
29	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
30	Nutraceuticals in the Prevention and Treatment of the Muscle Atrophy. <i>Nutrients</i> , 2021, 13, 1914.	1.7	23
31	Multidimensional analysis of the epigenetic alterations in toxicities induced by mycotoxins. <i>Food and Chemical Toxicology</i> , 2021, 153, 112251.	1.8	9
32	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
33	Ectopic Odorant Receptor Responding to Flavor Compounds: Versatile Roles in Health and Disease. <i>Pharmaceutics</i> , 2021, 13, 1314.	2.0	20
34	Aptamer-Functionalized DNA-Silver Nanocluster Nanofilm for Visual Detection and Elimination of Bacteria. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 38647-38655.	4.0	49
35	Dietary Bioactive Ingredients Modulating the cAMP Signaling in Diabetes Treatment. <i>Nutrients</i> , 2021, 13, 3038.	1.7	6
36	Exosomes mediated the delivery of ochratoxin A-induced cytotoxicity in HEK293 cells. <i>Toxicology</i> , 2021, 461, 152926.	2.0	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.	3.6	22
38	Nanoscale Cerium Oxide: Synthesis, Biocatalytic Mechanism, and Applications. <i>Catalysts</i> , 2021, 11, 1123.	1.6	30
39	Evolution analysis of flavor-active compounds during artificial fermentation of Pu-erh tea. <i>Food Chemistry</i> , 2021, 357, 129783.	4.2	53
40	Intracellular CircRNA imaging and signal amplification strategy based on the graphene oxide-DNA system. <i>Analytica Chimica Acta</i> , 2021, 1183, 338966.	2.6	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.	1.6	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.	1.3	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.	1.3	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.	2.4	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.	2.5	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.	5.3	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.	2.6	22
48	Alliinâ€induced hostâ€gut microbe interactions improves energy homeostasis. <i>FASEB Journal</i> , 2020, 34, 10682-10698.	0.2	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.	5.3	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.	5.3	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.	2.4	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.	2.9	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.	1.9	7
54	A â€turn-onâ€™ 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.	4.2	9

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55	Multiplex pyrosequencing quantitative detection combined with universal primer-multiplex-PCR for genetically modified organisms. <i>Food Chemistry</i> , 2020, 320, 126634.	4.2	6
56	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
57	Comprehensive Analysis of the Characteristics and Differences in Adult and Newborn Brown Adipose Tissue (BAT): Newborn BAT Is a More Active/Dynamic BAT. <i>Cells</i> , 2020, 9, 201.	1.8	10
58	Allucin Regulates Energy Homeostasis through Brown Adipose Tissue. <i>IScience</i> , 2020, 23, 101113.	1.9	23
59	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
60	Rapid and Visual Detection of Bipyridylium Herbicides Based on Polyelectrolyte-Induced Nanoassemblies of Pyrenyl Probes. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 6861-6867.	3.2	10
61	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
62	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
63	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
64	Evaluation of the effects of feeding glyphosate-tolerant soybeans (CP4 EPSPS) on the testis of male Sprague-Dawley rats. <i>GM Crops and Food</i> , 2019, 10, 181-190.	2.0	5
65	Glucose-regulated protein 75 in foodborne disease models induces renal tubular necrosis. <i>Food and Chemical Toxicology</i> , 2019, 133, 110720.	1.8	10
66	Intraperitoneal administration of follistatin promotes adipocyte browning in high-fat diet-induced obese mice. <i>PLoS ONE</i> , 2019, 14, e0220310.	1.1	14
67	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
68	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
69	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
70	Using the promoters of MerR family proteins as "rheostats" to engineer whole-cell heavy metal biosensors with adjustable sensitivity. <i>Journal of Biological Engineering</i> , 2019, 13, 70.	2.0	27
71	Rapid and visual detection of berberine hydrochloride based on a water-soluble pyrene derivative. <i>Luminescence</i> , 2019, 34, 558-562.	1.5	13
72	Diagnosing and tracing the pathogens of infantile infectious diarrhea by amplicon sequencing. <i>Gut Pathogens</i> , 2019, 11, 12.	1.6	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⁺ . <i>Food Chemistry</i> , 2019, 290, 95-100.	4.2	13
74	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
75	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
76	Precision toxicology shows that troxerutin alleviates ochratoxin A-induced renal lipotoxicity. <i>FASEB Journal</i> , 2019, 33, 2212-2227.	0.2	29
77	No subchronic toxicity of multiple herbicide-resistant soybean FG72 in Sprague-Dawley rats by 90-days feeding study. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 94, 299-305.	1.3	7
78	Rapid and low-cost strategy for detecting genome-editing induced deletion: A single-copy case. <i>Analytica Chimica Acta</i> , 2018, 1019, 111-118.	2.6	7
79	Hypoglycemic and hypolipidemic effect of S-allyl-cysteine sulfoxide (alliin) in DIO mice. <i>Scientific Reports</i> , 2018, 8, 3527.	1.6	77
80	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
81	Safety evaluation of subchronic feeding of <i>nisl</i> transformed <i>Lactobacillus plantarum</i> in Sprague-Dawley rats. <i>Journal of Food Safety</i> , 2018, 38, e12427.	1.1	2
82	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
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. <i>Analytical Chemistry</i> , 2018, 90, 708-715.	3.2	57
84	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
85	Characterization and Beige Adipogenic Potential of Human Embryo White Adipose Tissue-Derived Stem Cells. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 2900-2915.	1.1	6
86	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
87	Safety evaluation of genetically modified DAS-40278-9 maize in a subchronic rodent feeding study. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 96, 146-152.	1.3	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. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 97, 144-151.	1.3	0
89	A 28-day subchronic feeding study of chicken injected by genetically modified DNA-vaccine of avian influenzas in Sprague-Dawley rats. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 98, 245-249.	1.3	2
90	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

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91	Mitigation of cell apoptosis induced by ochratoxin A (OTA) is possibly through organic cation transport 2 (OCT2) knockout. <i>Food and Chemical Toxicology</i> , 2018, 121, 15-23.	1.8	10
92	Adipose tissues of MPC1 [±] mice display altered lipid metabolism-related enzyme expression levels. <i>PeerJ</i> , 2018, 6, e5799.	0.9	8
93	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
94	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
95	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
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. <i>Archives of Toxicology</i> , 2017, 91, 2539-2549.	1.9	25
102	Novel multiplex qualitative detection using universal primer-multiplex-PCR combined with pyrosequencing. <i>Food Chemistry</i> , 2017, 237, 773-778.	4.2	3
103	Aflatoxin B1-induced epigenetic alterations: An overview. <i>Food and Chemical Toxicology</i> , 2017, 109, 683-689.	1.8	114
104	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
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. <i>Toxicology and Applied Pharmacology</i> , 2017, 329, 18-25.	1.3	13
106	Ochratoxin A induced premature senescence in human renal proximal tubular cells. <i>Toxicology</i> , 2017, 382, 75-83.	2.0	23
107	Rice- or pork-based diets with similar calorie and content result in different rat gut microbiota. <i>International Journal of Food Sciences and Nutrition</i> , 2017, 68, 829-839.	1.3	4
108	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

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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.	1.6	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.	1.3	5
111	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
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.	2.6	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.	1.6	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.	4.2	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.	5.3	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.	4.2	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.	1.5	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.	1.5	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.	0.9	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.	1.5	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.	1.8	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.	1.1	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.	1.1	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.	1.6	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.	1.8	44

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127	Ultra-sensitive "return-on" detection method for Hg ²⁺ based on mispairing biosensor and emulsion PCR. <i>Talanta</i> , 2016, 155, 168-174.	2.9	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.	0.7	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.	5.3	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.	2.0	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.	1.4	4
132	Highly sensitive detection of lipopolysaccharides using an aptasensor based on hybridization chain reaction. <i>Scientific Reports</i> , 2016, 6, 29524.	1.6	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.	2.0	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.	1.8	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.	5.3	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.	1.3	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.	5.3	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.	2.6	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.	1.3	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.	1.7	5
141	Safety assessment of lepidopteran insect-protected transgenic rice with cry2A* gene. <i>Transgenic Research</i> , 2016, 25, 163-172.	1.3	18
142	miR-122 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
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