# Luo Yunbo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/165715/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 140 papers | 5,837 citations | 71061 41 h-index | 98753 67 g-index |
| 142 all docs | 142 docs citations | 142 times ranked | 6615 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Intelligent biosensing strategies for rapid detection in food safety: A review. Biosensors and Bioelectronics, 2022, 202, 114003. | 5.3 | 42 |
| 2 | SlRBP1 promotes translational efficiency via SleIF4A2 to maintain chloroplast function in tomato. Plant Cell, 2022, 34, 2747-2764. | 3.1 | 8 |
| 3 | Single-atom Ce-N-C nanozyme bioactive paper with a 3D-printed platform for rapid detection of organophosphorus and carbamate pesticide residues. Food Chemistry, 2022, 387, 132896. | 4.2 | 30 |
| 4 | Pleurotus Ostreatus Ameliorates Obesity by Modulating the Gut Microbiota in Obese Mice Induced by High-Fat Diet. Nutrients, 2022, 14, 1868. | 1.7 | 19 |
| 5 | Phosphatase-like activity of single-atom Ce N C nanozyme for rapid detection of Al3+. Food Chemistry, 2022, 390, 133127. | 4.2 | 35 |
| 6 | Funktionelle NukleinsÃureâ€Nanomaterialien: Entwicklung, Eigenschaften und Anwendungen. Angewandte Chemie, 2021, 133, 6966-6995. | 1.6 | 4 |
| 7 | Functional Nucleic Acid Nanomaterials: Development, Properties, and Applications. Angewandte Chemie - International Edition, 2021, 60, 6890-6918. | 7.2 | 122 |
| 8 | Recent Advances in Nucleic Acid Modulation for Functional Nanozyme. Catalysts, 2021, 11, 638. | 1.6 | 11 |
| 9 | Dynamic changes in wax and cutin compounds and the relationship with water loss in 'Red Fuji' and 'Golden Delicious' apples during shelf life. International Journal of Food Science and Technology, 2021, 56, 6335-6344. | 1.3 | 3 |
| 10 | Nanoscale Cerium Oxide: Synthesis, Biocatalytic Mechanism, and Applications. Catalysts, 2021, 11, 1123. | 1.6 | 30 |
| 11 | Three dimensional DNA nanotracks: A novel method for ultrasensitive and visible mercury (II) detection. Sensors and Actuators B: Chemical, 2020, 303, 126988. | 4.0 | 14 |
| 12 | An in vitro attempt at precision toxicology reveals the involvement of DNA methylation alteration in ochratoxin A-induced G0/G1 phase arrest. Epigenetics, 2020, 15, 199-214. | 1.3 | 27 |
| 13 | Label-free polygonal-plate fluorescent-hydrogel biosensor for ultrasensitive microRNA detection. Sensors and Actuators B: Chemical, 2020, 306, 127554. | 4.0 | 21 |
| 14 | A colorimetric zinc(II) assay based on the use of hairpin DNAzyme recycling and a hemin/G-quadruplex lighted DNA nanoladder. Mikrochimica Acta, 2020, 187, 26. | 2.5 | 22 |
| 15 | 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. Biosensors and Bioelectronics, 2020, 150, 111899. | 5.3 | 45 |
| 16 | Single universal primer recombinase polymerase amplification-based lateral flow biosensor (SUP-RPA-LFB) for multiplex detection of genetically modified maize. Analytica Chimica Acta, 2020, 1127, 217-224. | 2.6 | 22 |
| 17 | Allicinâ€induced hostâ€gut microbe interactions improves energy homeostasis. FASEB Journal, 2020, 34, 10682-10698. | 0.2 | 27 |
| 18 | dsDNA/ssDNA-switchable isothermal colorimetric biosensor based on a universal primer and Î» exonuclease. Sensors and Actuators B: Chemical, 2020, 323, 128674. | 4.0 | 10 |

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|---|---|---|---|
| 19 | A gas reporting whole-cell microbial biosensor system for rapid on-site detection of mercury contamination in soils. Biosensors and Bioelectronics, 2020, 170, 112660. | 5.3 | 20 |
| 20 | Molecular and functional diversity of organelle RNA editing mediated by RNA recognition motifâ€containing protein ORRM4 in tomato. New Phytologist, 2020, 228, 570-585. | 3.5 | 13 |
| 21 | Multiplex pyrosequencing quantitative detection combined with universal primer-multiplex-PCR for genetically modified organisms. Food Chemistry, 2020, 320, 126634. | 4.2 | 6 |
| 22 | Noncoding RNAs: functional regulatory factors in tomato fruit ripening. Theoretical and Applied Genetics, 2020, 133, 1753-1762. | 1.8 | 15 |
| 23 | SRNAome and transcriptome analysis provide insight into strawberry fruit ripening. Genomics, 2020, 112, 2369-2378. | 1.3 | 12 |
| 24 | 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. | 1.8 | 10 |
| 25 | Allicin Regulates Energy Homeostasis through Brown Adipose Tissue. IScience, 2020, 23, 101113. | 1.9 | 23 |
| 26 | Re-evaluation of the nor mutation and the role of the NAC-NOR transcription factor in tomato fruit ripening. Journal of Experimental Botany, 2020, 71, 3560-3574. | 2.4 | 120 |
| 27 | Relationships between genome methylation, levels of nonâ€coding RNAs, mRNAs and metabolites in ripening tomato fruit. Plant Journal, 2020, 103, 980-994. | 2.8 | 46 |
| 28 | 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. | 2.6 | 24 |
| 29 | Glucose-regulated protein 75 in foodborne disease models induces renal tubular necrosis. Food and Chemical Toxicology, 2019, 133, 110720. | 1.8 | 10 |
| 30 | 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. | 3.2 | 47 |
| 31 | 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. | 2.6 | 33 |
| 32 | Using the promoters of MerR family proteins as â€œrheostatsâ€•to engineer whole-cell heavy metal biosensors with adjustable sensitivity. Journal of Biological Engineering, 2019, 13, 70. | 2.0 | 27 |
| 33 | Au@Pd Nanopopcorn and Aptamer Nanoflower Assisted Lateral Flow Strip for Thermal Detection of Exosomes. Analytical Chemistry, 2019, 91, 13986-13993. | 3.2 | 86 |
| 34 | A â€œturn-offâ€•ultra-sensitive fluorescent quantitative biosensor driven by zinc ion DNAzyme. Sensors and Actuators B: Chemical, 2019, 285, 173-178. | 4.0 | 10 |
| 35 | Revealing the biodiversity and the response of pathogen to a combined use of procymidone and thiamethoxam in tomatoes. Food Chemistry, 2019, 284, 73-79. | 4.2 | 11 |
| 36 | Network analysis of noncoding RNAs in pepper provides insights into fruit ripening control. Scientific Reports, 2019, 9, 8734. | 1.6 | 29 |

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|---|---|---|---|
| 37 | Recent Advances in Biosensors for Detecting Cancer-Derived Exosomes. Trends in Biotechnology, 2019, 37, 1236-1254. | 4.9 | 155 |
| 38 | Sweet cherry fruit miRNAs and effect of high CO2 on the profile associated with ripening. Planta, 2019, 249, 1799-1810. | 1.6 | 14 |
| 39 | A rapidly self-assembling soft-brush DNA hydrogel based on RCA products. Chemical Communications, 2019, 55, 5375-5378. | 2.2 | 24 |
| 40 | The ultra-sensitive visual biosensor based on thermostatic triple step functional nucleic acid cascade amplification for detecting Zn2+. Food Chemistry, 2019, 290, 95-100. | 4.2 | 13 |
| 41 | AuNPs-DNAzyme molecular motor biosensor mediated by neighborhood click chemistry reactions for the ultrasensitive detection of microRNA-155. Sensors and Actuators B: Chemical, 2019, 290, 503-511. | 4.0 | 22 |
| 42 | Diversity and redundancy of the ripening regulatory networks revealed by the fruitENCODE and the new CRISPR/Cas9 CNR and NOR mutants. Horticulture Research, 2019, 6, 39. | 2.9 | 112 |
| 43 | 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. | 4.2 | 25 |
| 44 | Nanozyme Enhanced Colorimetric Immunoassay for Naked-Eye Detection of Salmonella Enteritidis. Journal of Analysis and Testing, 2019, 3, 99-106. | 2.5 | 39 |
| 45 | Colorimetric detection and typing of E. coli lipopolysaccharides based on aÂdual aptamer-functionalized gold nanoparticle probe. Mikrochimica Acta, 2019, 186, 111. | 2.5 | 46 |
| 46 | Genome-wide identification of long non-coding RNA targets of the tomato MADS box transcription factor RIN and function analysis. Annals of Botany, 2019, 123, 469-482. | 1.4 | 39 |
| 47 | Is Integrin Subunit Alpha 2 Expression a Prognostic Factor for Liver Carcinoma? A Validation Experiment Based on Bioinformatics Analysis. Pathology and Oncology Research, 2019, 25, 1545-1552. | 0.9 | 9 |
| 48 | Precision toxicology shows that troxerutin alleviates ochratoxin Aâ€“induced renal lipotoxicity. FASEB Journal, 2019, 33, 2212-2227. | 0.2 | 29 |
| 49 | A Variety of Bio-nanogold in the Fabrication of Lateral Flow Biosensors for the Detection of Pathogenic Bacteria. Current Topics in Medicinal Chemistry, 2019, 19, 2476-2493. | 1.0 | 3 |
| 50 | Rapid and low-cost strategy for detecting genome-editing induced deletion: A single-copy case. Analytica Chimica Acta, 2018, 1019, 111-118. | 2.6 | 7 |
| 51 | Hypoglycemic and hypolipidemic effect of S-allyl-cysteine sulfoxide (alliin) in DIO mice. Scientific Reports, 2018, 8, 3527. | 1.6 | 77 |
| 52 | <scp>BEL</scp>1â€<scp>LIKE HOMEODOMAIN</scp> 11 regulates chloroplast development and chlorophyll synthesis in tomato fruit. Plant Journal, 2018, 94, 1126-1140. | 2.8 | 76 |
| 53 | Ultrasensitive Single Fluorescence-Labeled Probe-Mediated Single Universal Primerâ€“Multiplexâ€“Droplet Digital Polymerase Chain Reaction for High-Throughput Genetically Modified Organism Screening. Analytical Chemistry, 2018, 90, 5586-5593. | 3.2 | 30 |
| 54 | CRISPR/Cas9â€mediated mutagenesis of lncRNA1459 alters tomato fruit ripening. Plant Journal, 2018, 94, 513-524. | 2.8 | 212 |

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|---|---|---|---|
| 55 | Overexpression of SLC7A11: a novel oncogene and an indicator of unfavorable prognosis for liver carcinoma. Future Oncology, 2018, 14, 927-936. | 1.1 | 45 |
| 56 | Multiplexed CRISPR/Cas9â€mediated metabolic engineering of Î³â€aminobutyric acid levels in Solanum lycopersicum. Plant Biotechnology Journal, 2018, 16, 415-427. | 4.1 | 234 |
| 57 | 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. | 3.2 | 57 |
| 58 | The RIN-MC Fusion of MADS-Box Transcription Factors Has Transcriptional Activity and Modulates Expression of Many Ripening Genes. Plant Physiology, 2018, 176, 891-909. | 2.3 | 94 |
| 59 | Characterization and Beige Adipogenic Potential of Human Embryo White Adipose Tissue-Derived Stem Cells. Cellular Physiology and Biochemistry, 2018, 51, 2900-2915. | 1.1 | 6 |
| 60 | A NAC transcription factor, NOR-like1, is a new positive regulator of tomato fruit ripening. Horticulture Research, 2018, 5, 75. | 2.9 | 152 |
| 61 | Tomato DCL2b is required for the biosynthesis of 22-nt small RNAs, the resulting secondary siRNAs, and the host defense against ToMV. Horticulture Research, 2018, 5, 62. | 2.9 | 55 |
| 62 | Integrative analysis of long non-coding RNA acting as ceRNAs involved in chilling injury in tomato fruit. Gene, 2018, 667, 25-33. | 1.0 | 41 |
| 63 | sRNAome and transcriptome analysis provide insight into chilling response of cowpea pods. Gene, 2018, 671, 142-151. | 1.0 | 9 |
| 64 | The food safety of DP-356Ã˜43 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. | 1.3 | 0 |
| 65 | Analysis of long-non-coding RNAs associated with ethylene in tomato. Gene, 2018, 674, 151-160. | 1.0 | 30 |
| 66 | Lycopene Is Enriched in Tomato Fruit by CRISPR/Cas9-Mediated Multiplex Genome Editing. Frontiers in Plant Science, 2018, 9, 559. | 1.7 | 249 |
| 67 | Comparative Analysis of DNA Methylation Reveals Specific Regulations on Ethylene Pathway in Tomato Fruit. Genes, 2018, 9, 266. | 1.0 | 18 |
| 68 | Analysis of the Coding and Non-Coding RNA Transcriptomes in Response to Bell Pepper Chilling. International Journal of Molecular Sciences, 2018, 19, 2001. | 1.8 | 42 |
| 69 | An electrochemical biosensor based on nucleic acids enzyme and nanochannels for detecting copper (II) ion. Biosensors and Bioelectronics, 2018, 120, 168-174. | 5.3 | 42 |
| 70 | Screening and function analysis of hub genes and pathways in hepatocellular carcinoma via bioinformatics approaches. Cancer Biomarkers, 2018, 22, 511-521. | 0.8 | 27 |
| 71 | Aptasensor based on fluorophore-quencher nano-pair and smartphone spectrum reader for on-site quantification of multi-pesticides. Biosensors and Bioelectronics, 2018, 117, 75-83. | 5.3 | 137 |
| 72 | A Viral Satellite DNA Vector (TYLCCNV) for Functional Analysis of miRNAs and siRNAs in Plants. Plant Physiology, 2017, 173, 1940-1952. | 2.3 | 14 |

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|---|---|---|---|
| 73 | Two-Way Gold Nanoparticle Label-Free Sensing of Specific Sequence and Small Molecule Targets Using Switchable Concatemers. ACS Chemical Biology, 2017, 12, 1373-1380. | 1.6 | 28 |
| 74 | 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. | 1.6 | 23 |
| 75 | Precision toxicology based on single cell sequencing: an evolving trend in toxicological evaluations and mechanism exploration. Archives of Toxicology, 2017, 91, 2539-2549. | 1.9 | 25 |
| 76 | Ochratoxin A induced premature senescence in human renal proximal tubular cells. Toxicology, 2017, 382, 75-83. | 2.0 | 23 |
| 77 | 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. | 5.3 | 55 |
| 78 | The RNA Editing Factor SlORRM4 Is Required for Normal Fruit Ripening in Tomato. Plant Physiology, 2017, 175, 1690-1702. | 2.3 | 78 |
| 79 | Ultrasensitive Detection of Viable Enterobacter sakazakii by a Continual Cascade Nanozyme Biosensor. Analytical Chemistry, 2017, 89, 10194-10200. | 3.2 | 58 |
| 80 | Integrative analysis of circRNAs acting as ceRNAs involved in ethylene pathway in tomato. Physiologia Plantarum, 2017, 161, 311-321. | 2.6 | 51 |
| 81 | Zinc enhances the cellular energy supply to improve cell motility and restore impaired energetic metabolism in a toxic environment induced by OTA. Scientific Reports, 2017, 7, 14669. | 1.6 | 27 |
| 82 | Ultra-sensitive and absolute quantitative detection of Cu2+ based on DNAzyme and digital PCR in water and drink samples. Food Chemistry, 2017, 221, 1770-1777. | 4.2 | 17 |
| 83 | <scp>SRNAome</scp> and degradome sequencing analysis reveals specific regulation of <scp>sRNA</scp> in response to chilling injury in tomato fruit. Physiologia Plantarum, 2017, 160, 142-154. | 2.6 | 24 |
| 84 | A rapid and visual aptasensor for Lipopolysaccharides detection based on the bulb-like triplex turn-on switch coupled with HCR-HRP nanostructures. Biosensors and Bioelectronics, 2017, 89, 795-801. | 5.3 | 41 |
| 85 | 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. Food Chemistry, 2017, 214, 169-175. | 4.2 | 30 |
| 86 | iTRAQ Mitoproteome Analysis Reveals Mechanisms of Programmed Cell Death in Arabidopsis thaliana Induced by Ochratoxin A. Toxins, 2017, 9, 167. | 1.5 | 25 |
| 87 | A Novel Pretreatment-Free Duplex Chamber Digital PCR Detection System for the Absolute Quantitation of GMO Samples. International Journal of Molecular Sciences, 2016, 17, 402. | 1.8 | 19 |
| 88 | Understanding the Functions of Long Non-Coding RNAs through Their Higher-Order Structures. International Journal of Molecular Sciences, 2016, 17, 702. | 1.8 | 78 |
| 89 | In Vivo Effects of Pichia Pastoris-Expressed Antimicrobial Peptide Hepcidin on the Community Composition and Metabolism Gut Microbiota of Rats. PLoS ONE, 2016, 11, e0164771. | 1.1 | 7 |
| 90 | Deciphering the roles of circRNAs on chilling injury in tomato. Biochemical and Biophysical Research Communications, 2016, 479, 132-138. | 1.0 | 139 |

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|---|---|---|---|
| 91 | Development of a double-antibody sandwich ELISA for rapid detection of Bacillus Cereus in food. Scientific Reports, 2016, 6, 16092. | 1.6 | 65 |
| 92 | Zinc inhibits aflatoxin B1-induced cytotoxicity and genotoxicity in human hepatocytes (HepG2 cells). Food and Chemical Toxicology, 2016, 92, 17-25. | 1.8 | 44 |
| 93 | Ultra-sensitive â€œturn-onâ€•detection method for Hg2+ based on mispairing biosensor and emulsion PCR. Talanta, 2016, 155, 168-174. | 2.9 | 16 |
| 94 | 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. Biosensors and Bioelectronics, 2016, 84, 1-6. | 5.3 | 28 |
| 95 | Highâ€Throughput Tagâ€Sequencing Analysis of Early Events Induced by Ochratoxin A in HepGâ€2 Cells. Journal of Biochemical and Molecular Toxicology, 2016, 30, 29-36. | 1.4 | 4 |
| 96 | A viral satellite DNA vector-induced transcriptional gene silencing via DNA methylation of gene promoter in Nicotiana benthamiana. Virus Research, 2016, 223, 99-107. | 1.1 | 8 |
| 97 | Cadmium Levels in Tissue and Plasma as a Risk Factor for Prostate Carcinoma: a Meta-Analysis. Biological Trace Element Research, 2016, 172, 86-92. | 1.9 | 19 |
| 98 | Genome-wide analysis of tomato NF-Y factors and their role in fruit ripening. BMC Genomics, 2016, 17, 36. | 1.2 | 70 |
| 99 | Point-of-care and visual detection of P. aeruginosa and its toxin genes by multiple LAMP and lateral flow nucleic acid biosensor. Biosensors and Bioelectronics, 2016, 81, 317-323. | 5.3 | 109 |
| 100 | Accurate and easy-to-use assessment of contiguous DNA methylation sites based on proportion competitive quantitative-PCR and lateral flow nucleic acid biosensor. Biosensors and Bioelectronics, 2016, 80, 654-660. | 5.3 | 24 |
| 101 | Effects of neutrophils peptide-1 transgenic Chlorella ellipsoidea on the gut microbiota of male Sprague–Dawley rats, as revealed by high-throughput 16S rRNA sequencing. World Journal of Microbiology and Biotechnology, 2016, 32, 43. | 1.7 | 5 |
| 102 | Regulations on growth and development in tomato cotyledon, flower and fruit via destruction of miR396 with short tandem target mimic. Plant Science, 2016, 247, 1-12. | 1.7 | 85 |
| 103 | Safety assessment of lepidopteran insect-protected transgenic rice with cry2A* gene. Transgenic Research, 2016, 25, 163-172. | 1.3 | 18 |
| 104 | miR-34a screened by miRNA profiling negatively regulates Wnt/Î²-catenin signaling pathway in Aflatoxin B1 induced hepatotoxicity. Scientific Reports, 2015, 5, 16732. | 1.6 | 65 |
| 105 | Effects of paternal cadmium exposure on the sperm quality of male rats and the neurobehavioral system of their offspring. Experimental and Therapeutic Medicine, 2015, 10, 2356-2360. | 0.8 | 26 |
| 106 | Zinc inhibits the reproductive toxicity of Zearalenone in immortalized murine ovarian granular KK-1 cells. Scientific Reports, 2015, 5, 14277. | 1.6 | 26 |
| 107 | Functional role of pyruvate kinase from Lactobacillus bulgaricus in acid tolerance and identification of its transcription factor by bacterial one-hybrid. Scientific Reports, 2015, 5, 17024. | 1.6 | 20 |
| 108 | Functional Analysis and RNA Sequencing Indicate the Regulatory Role of Argonaute1 in Tomato Compound Leaf Development. PLoS ONE, 2015, 10, e0140756. | 1.1 | 7 |

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|---|---|---|---|
| 109 | Apoptosis Signal-regulating Kinase 1 promotes Ochratoxin A-induced renal cytotoxicity. Scientific Reports, 2015, 5, 8078. | 1.6 | 38 |
| 110 | Prediction and identification of an acid-inducible promoter from Lactococcus lactis ssp. cremoris MG1363. Food Science and Biotechnology, 2015, 24, 1749-1753. | 1.2 | 1 |
| 111 | Red Ginseng and Semen Coicis can improve the structure of gut microbiota and relieve the symptoms of ulcerative colitis. Journal of Ethnopharmacology, 2015, 162, 7-13. | 2.0 | 90 |
| 112 | RNA sequencing and functional analysis implicate the regulatory role of long non-coding RNAs in tomato fruit ripening. Journal of Experimental Botany, 2015, 66, 4483-4495. | 2.4 | 214 |
| 113 | The effect of radish sourced 4-(Methylthio)-3-butenyl isothiocyanate on ameliorating the severity of high fat diet inducted nonalcoholic fatty liver disease in rats. International Journal of Clinical and Experimental Medicine, 2015, 8, 15910-9. | 1.3 | 6 |
| 114 | Toxicological Evaluation of Lactase Derived from Recombinant Pichia pastoris. PLoS ONE, 2014, 9, e106470. | 1.1 | 9 |
| 115 | Ochratoxin A induces rat renal carcinogenicity with limited induction of oxidative stress responses. Toxicology and Applied Pharmacology, 2014, 280, 543-549. | 1.3 | 33 |
| 116 | Analysis of Individual and Combined Effects of Ochratoxin A and Zearalenone on HepG2 and KK-1 Cells with Mathematical Models. Toxins, 2014, 6, 1177-1192. | 1.5 | 44 |
| 117 | DNA damage and S phase arrest induced by Ochratoxin A in human embryonic kidney cells (HEK 293). Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2014, 765, 22-31. | 0.4 | 47 |
| 118 | Changes in biosynthesis and metabolism of glutathione upon ochratoxin A stress in Arabidopsis thaliana. Plant Physiology and Biochemistry, 2014, 79, 10-18. | 2.8 | 19 |
| 119 | Restriction enzyme cutting site distribution regularity for DNA looping technology. Gene, 2014, 534, 222-228. | 1.0 | 3 |
| 120 | Central role of Nix in the autophagic response to ochratoxin A. Food and Chemical Toxicology, 2014, 69, 202-209. | 1.8 | 31 |
| 121 | Genome-wide identification of cytosine-5 DNA methyltransferases and demethylases in Solanum lycopersicum. Gene, 2014, 550, 230-237. | 1.0 | 54 |
| 122 | Combination of Metagenomics and Culture-Based Methods to Study the Interaction Between Ochratoxin A and Gut Microbiota. Toxicological Sciences, 2014, 141, 314-323. | 1.4 | 80 |
| 123 | Mitochondrial proteomic analysis reveals the molecular mechanisms underlying reproductive toxicity of zearalenone in MLTC-1 cells. Toxicology, 2014, 324, 55-67. | 2.0 | 39 |
| 124 | Integrated Transcriptomic and Proteomic Analysis of the Bile Stress Response in a Centenarian-originated Probiotic Bifidobacterium longum BBMN68. Molecular and Cellular Proteomics, 2014, 13, 2558-2572. | 2.5 | 76 |
| 125 | A-T linker adapter polymerase chain reaction for determining flanking sequences by rescuing inverse PCR or thermal asymmetric interlaced PCR products. Analytical Biochemistry, 2014, 466, 24-26. | 1.1 | 9 |
| 126 | Protective role of the mitochondrial Lon protease 1 in ochratoxin A-induced cytotoxicity in HEK293 cells. Journal of Proteomics, 2014, 101, 154-168. | 1.2 | 30 |

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| 127 | Ochratoxin A induced early hepatotoxicity: new mechanistic insights from microRNA, mRNA and proteomic profiling studies. Scientific Reports, 2014, 4, . | 1.6 | 54 |
| 128 | <scp>SRNAome</scp> parsing yields insights into tomato fruit ripening control. Physiologia Plantarum, 2013, 149, 540-553. | 2.6 | 12 |
| 129 | Simultaneous Determination of 15 Plant Growth Regulators in Bean Sprout and Tomato with Liquid Chromatographyâ€“Triple Quadrupole Tandem Mass Spectrometry. Food Analytical Methods, 2013, 6, 941-951. | 1.3 | 38 |
| 130 | Preparation of a Monoclonal Antibody against a Kallikrein-Like Enzyme fromAgkistrodon halys pallasVenom and Its Application in a Pharmacokinetic Study. Analytical Letters, 2013, 46, 2017-2028. | 1.0 | 0 |
| 131 | Characterization and eventâ€specific quantitative detection of DASâ€59122â€7 maize insert with the application of plasmidic reference material. Journal of the Science of Food and Agriculture, 2009, 89, 494-503. | 1.7 | 7 |
| 132 | Expression, purification and refolding of recombinant Cry1Ab/Ac obtained in Escherichia coli as inclusion bodies. Journal of the Science of Food and Agriculture, 2009, 89, 796-801. | 1.7 | 5 |
| 133 | Bioeffects of chromium(III) on the growth of Spirulina platensis and its biotransformation. Journal of the Science of Food and Agriculture, 2009, 89, 947-952. | 1.7 | 14 |
| 134 | Effect of ethylene on polygalacturonase, lipoxygenase and expansin in ripening of tomato fruits. Transactions of Tianjin University, 2009, 15, 173-177. | 3.3 | 9 |
| 135 | A papaya-specific gene, papain, used as an endogenous reference gene in qualitative and real-time quantitative PCR detection of transgenic papayas. European Food Research and Technology, 2008, 228, 301-309. | 1.6 | 21 |
| 136 | Effect of hydroxyl radical on the scission of cellular wall polysaccharides in vitro of banana fruit at various ripening stages. Acta Physiologiae Plantarum, 2008, 30, 257-263. | 1.0 | 27 |
| 137 | A novel common single primer multiplex polymerase chain reaction (CSPâ€Mâ€PCR) method for the identification of animal species in minced meat. Journal of the Science of Food and Agriculture, 2008, 88, 2631-2637. | 1.7 | 19 |
| 138 | Effects of reactive oxygen species on cellular wall disassembly of banana fruit during ripening. Food Chemistry, 2008, 109, 319-324. | 4.2 | 52 |
| 139 | Transgenic cotton could safely be grown since CpTI toxin rapidly degrades in the rhizosphere soil. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2007, 57, 122-125. | 0.3 | 3 |
| 140 | The effects of 1-methylcyclopropene on peach fruit (Prunus persica L. cv. Jiubao) ripening and disease resistance. International Journal of Food Science and Technology, 2005, 40, 1-7. | 1.3 | 140 |