

Jikai Wen

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

1,686
citations

361413

20
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302126

39
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58
all docs

58
docs citations

58
times ranked

2656
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Nonsense-mediated mRNA decay (NMD) mechanisms. <i>Nature Structural and Molecular Biology</i> , 2009, 16, 107-113. | 8.2 | 455 |
| 2 | Imaging Viral Behavior in Mammalian Cells with Self-Assembled Capsid-Quantum Hybrid Particles. <i>Small</i> , 2009, 5, 718-726. | 10.0 | 120 |
| 3 | Phage display mediated immuno-PCR. <i>Nucleic Acids Research</i> , 2006, 34, e62-e62. | 14.5 | 71 |
| 4 | <i>Lactobacillus rhamnosus</i> GG supplementation modulates the gut microbiota to promote butyrate production, protecting against deoxynivalenol exposure in nude mice. <i>Biochemical Pharmacology</i> , 2020, 175, 113868. | 4.4 | 61 |
| 5 | Mycotoxins: cytotoxicity and biotransformation in animal cells. <i>Toxicology Research</i> , 2016, 5, 377-387. | 2.1 | 60 |
| 6 | Detoxification of trichothecene mycotoxins by a novel bacterium, <i>Eggerthella</i> sp. DII-9. <i>Food and Chemical Toxicology</i> , 2018, 112, 310-319. | 3.6 | 59 |
| 7 | Altering the ribosomal subunit ratio in yeast maximizes recombinant protein yield. <i>Microbial Cell Factories</i> , 2009, 8, 10. | 4.0 | 57 |
| 8 | Splicing-dependent NMD does not require the EJC in <i>Schizosaccharomyces pombe</i> . <i>EMBO Journal</i> , 2010, 29, 1537-1551. | 7.8 | 54 |
| 9 | Visualizing the dynamic behavior of poliovirus plus-strand RNA in living host cells. <i>Nucleic Acids Research</i> , 2005, 33, 3245-3252. | 14.5 | 51 |
| 10 | Nonsense-mediated mRNA decay. <i>Biochemical Society Transactions</i> , 2008, 36, 514-516. | 3.4 | 46 |
| 11 | Visualization of the joining of ribosomal subunits reveals the presence of 80S ribosomes in the nucleus. <i>Rna</i> , 2013, 19, 1669-1683. | 3.5 | 38 |
| 12 | AhR regulates the expression of human cytochrome P450 1A1 (<i>CYP1A1</i>) by recruiting Sp1. <i>FEBS Journal</i> , 2019, 286, 4215-4231. | 4.7 | 37 |
| 13 | T-2 toxin inhibits the production of mucin via activating the IRE1/XBP1 pathway. <i>Toxicology</i> , 2019, 424, 152230. | 4.2 | 35 |
| 14 | Indoor bacterial, fungal and viral species and functional genes in urban and rural schools in Shanxi Province, China—association with asthma, rhinitis and rhinoconjunctivitis in high school students. <i>Microbiome</i> , 2021, 9, 138. | 11.1 | 34 |
| 15 | Fluorescent protein tagging confirms the presence of ribosomal proteins at <i>Drosophila</i> polytene chromosomes. <i>PeerJ</i> , 2013, 1, e15. | 2.0 | 29 |
| 16 | Deoxynivalenol induces inhibition of cell proliferation via the Wnt/ β -catenin signaling pathway. <i>Biochemical Pharmacology</i> , 2019, 166, 12-22. | 4.4 | 26 |
| 17 | Identification and characterization of <i>Bacillus anthracis</i> by multiplex PCR on DNA chip. <i>Biosensors and Bioelectronics</i> , 2004, 20, 807-813. | 10.1 | 25 |
| 18 | JNK-AKT-NF- κ B controls P-glycoprotein expression to attenuate the cytotoxicity of deoxynivalenol in mammalian cells. <i>Biochemical Pharmacology</i> , 2018, 156, 120-134. | 4.4 | 25 |

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|----|---|------|-----------|
| 19 | Dual Function of a Novel Bacterium, <i>Slackia</i> sp. D-G6: Detoxifying Deoxynivalenol and Producing the Natural Estrogen Analogue, <i>Equol</i> . <i>Toxins</i> , 2020, 12, 85. | 3.4 | 25 |
| 20 | Antimicrobial resistance, virulence characteristics and genotypes of <i>Bacillus</i> spp. from probiotic products of diverse origins. <i>Food Research International</i> , 2021, 139, 109949. | 6.2 | 24 |
| 21 | mRNA stability in the nucleus. <i>Journal of Zhejiang University: Science B</i> , 2014, 15, 444-454. | 2.8 | 21 |
| 22 | A visual DNA chip for simultaneous detection of hepatitis B virus, hepatitis C virus and human immunodeficiency virus type-1. <i>Biosensors and Bioelectronics</i> , 2004, 19, 685-692. | 10.1 | 20 |
| 23 | Carrier-Mediated and Energy-Dependent Uptake and Efflux of Deoxynivalenol in Mammalian Cells. <i>Scientific Reports</i> , 2017, 7, 5889. | 3.3 | 20 |
| 24 | Bioactivation and Regioselectivity of Pig Cytochrome P450 3A29 towards Aflatoxin B1. <i>Toxins</i> , 2016, 8, 267. | 3.4 | 19 |
| 25 | A Sir2-Like Protein Participates in Mycobacterial NHEJ. <i>PLoS ONE</i> , 2011, 6, e20045. | 2.5 | 18 |
| 26 | Cell-Free Bioassay for Measurement of Dioxins Based on Fluorescence Enhancement of Fluorescein Isothiocyanate-Labeled DNA Probe. <i>Analytical Chemistry</i> , 2006, 78, 7138-7144. | 6.5 | 16 |
| 27 | Identification of NOVA family proteins as novel β -catenin RNA-binding proteins that promote epithelial-mesenchymal transition. <i>RNA Biology</i> , 2020, 17, 881-891. | 3.1 | 16 |
| 28 | Inhibition of EZH2 and activation of ERR β synergistically suppresses gastric cancer by inhibiting FOXM1 signaling pathway. <i>Gastric Cancer</i> , 2021, 24, 72-84. | 5.3 | 16 |
| 29 | C9orf140, a novel Axin1-interacting protein, mediates the negative feedback loop of Wnt/ β -catenin signaling. <i>Oncogene</i> , 2018, 37, 2992-3005. | 5.9 | 15 |
| 30 | Aromatic hydrocarbon receptor regulates chicken cytochrome P450 1A5 transcription: A novel insight into T-2 toxin-induced gene expression and cytotoxicity in LMH cells. <i>Biochemical Pharmacology</i> , 2019, 168, 319-329. | 4.4 | 15 |
| 31 | UPF1 P-body localization. <i>Biochemical Society Transactions</i> , 2008, 36, 698-700. | 3.4 | 13 |
| 32 | Role of Specificity Protein 1, Hepatocyte Nuclear Factor 1 α , and Pregnane X Receptor in the Basal and Rifampicin-Induced Transcriptional Regulation of Porcine Cytochrome P450 3A46. <i>Drug Metabolism and Disposition</i> , 2015, 43, 1458-1467. | 3.3 | 13 |
| 33 | The critical role of porcine cytochrome P450 3A46 in the bioactivation of aflatoxin B1. <i>Biochemical Pharmacology</i> , 2018, 156, 177-185. | 4.4 | 12 |
| 34 | T-2 toxin induces the expression of porcine CYP3A22 via the upregulation of the transcription factor, NF-Y. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 2191-2201. | 2.4 | 11 |
| 35 | Cloning, molecular characterization, and nutritional regulation of fatty acid-binding protein family genes in gold pompanos (<i>Trachinotus ovatus</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2020, 246-247, 110463. | 1.6 | 11 |
| 36 | Chronic cereulide exposure causes intestinal inflammation and gut microbiota dysbiosis in mice. <i>Environmental Pollution</i> , 2021, 288, 117814. | 7.5 | 11 |

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|----|---|------|-----------|
| 37 | T-2 toxin upregulates the expression of human cytochrome P450 1A1 (CYP1A1) by enhancing NRF1 and Sp1 interaction. <i>Toxicology Letters</i> , 2019, 315, 77-86. | 0.8 | 10 |
| 38 | Transcriptome analysis of golden pompano (<i>Trachinotus ovatus</i>) liver indicates a potential regulatory target involved in HUFA uptake and deposition. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2020, 33, 100633. | 1.0 | 10 |
| 39 | Cell fate determined by the activation balance between PKR and SPHK1. <i>Cell Death and Differentiation</i> , 2021, 28, 401-418. | 11.2 | 10 |
| 40 | Multiple CH/€ Interactions Maintain the Binding of Aflatoxin B1 in the Active Cavity of Human Cytochrome P450 1A2. <i>Toxins</i> , 2019, 11, 158. | 3.4 | 9 |
| 41 | Variable protein homeostasis in housekeeping and non-housekeeping pathways under mycotoxins stress. <i>Scientific Reports</i> , 2019, 9, 7819. | 3.3 | 7 |
| 42 | Construction and characterization of different MutS fusion proteins as recognition elements of DNA chip for detection of DNA mutations. <i>Biosensors and Bioelectronics</i> , 2005, 21, 135-144. | 10.1 | 6 |
| 43 | New Insights into the Virulence Traits and Antibiotic Resistance of Enterococci Isolated from Diverse Probiotic Products. <i>Microorganisms</i> , 2021, 9, 726. | 3.6 | 6 |
| 44 | Live cell imaging of protein interactions in poliovirus RNA replication complex using fluorescence resonance energy transfer (FRET). <i>Biochemical and Biophysical Research Communications</i> , 2008, 368, 489-494. | 2.1 | 5 |
| 45 | Coordinated Transcriptional Regulation of Cytochrome P450 3As by Nuclear Transcription Factor Y and Specificity Protein 1. <i>Molecular Pharmacology</i> , 2019, 95, 507-518. | 2.3 | 5 |
| 46 | Supreme Catalytic Properties of Enzyme Nanoparticles Based on Ferritin Self-Assembly. <i>ACS Applied Bio Materials</i> , 2020, 3, 7158-7167. | 4.6 | 5 |
| 47 | Sp1, Instead of AhR, Regulates the Basal Transcription of Porcine CYP1A1 at the Proximal Promoter. <i>Frontiers in Pharmacology</i> , 2018, 9, 927. | 3.5 | 4 |
| 48 | Deoxynivalenol Exposure Suppresses Adipogenesis by Inhibiting the Expression of Peroxisome Proliferator-Activated Receptor Gamma 2 (PPAR γ 2) in 3T3-L1 Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6300. | 4.1 | 4 |
| 49 | Quantitative proteomics implicates YggT in streptomycin resistance in <i>Salmonella enterica</i> serovar Enteritidis. <i>Biotechnology Letters</i> , 2021, 43, 919-932. | 2.2 | 4 |
| 50 | Role of DNA methylation-related chromatin remodeling in aryl hydrocarbon receptor-dependent regulation of T α -2 toxin highly inducible CYP450 1A4 gene. <i>FASEB Journal</i> , 2021, 35, e21469. | 0.5 | 4 |
| 51 | Influenza A virus protein PA α suppresses host Ankrd17-mediated immune responses. <i>Microbiology and Immunology</i> , 2021, 65, 48-59. | 1.4 | 3 |
| 52 | Cereulide Exposure Caused Cytopathogenic Damages of Liver and Kidney in Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9148. | 4.1 | 3 |
| 53 | Baiting out a full length sequence from unmapped RNA-seq data. <i>BMC Genomics</i> , 2021, 22, 857. | 2.8 | 3 |
| 54 | Distinct gut microbiota and health outcomes in asymptomatic infection, viral nucleic acid test re α -positive, and convalescent COVID-19 cases. , 0, , . | | 3 |

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|----|---|-----|-----------|
| 55 | Deoxynivalenol globally affects the selection of 3' splice sites in human cells by suppressing the splicing factors, U2AF1 and SF1. RNA Biology, 2020, 17, 584-595. | 3.1 | 2 |
| 56 | Construction and Characterization of an Anti-Prion scFv Fusion Protein Pair for Detection of Prion Protein on Antibody Chip. Analytical Letters, 2007, 40, 855-873. | 1.8 | 1 |