

Xu Wang

List of Publications by Citations

Source: <https://exaly.com/author-pdf/490786/xu-wang-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

103
papers

4,084
citations

34
h-index

62
g-index

108
ext. papers

5,406
ext. citations

6.9
avg, IF

5.52
L-index

#	Paper	IF	Citations
103	NAD ⁺ repletion improves mitochondrial and stem cell function and enhances life span in mice. <i>Science</i> , 2016 , 352, 1436-43	33.3	645
102	Tetracyclines Disturb Mitochondrial Function across Eukaryotic Models: A Call for Caution in Biomedical Research. <i>Cell Reports</i> , 2015 , 10, 1681-1691	10.6	280
101	Eliciting the mitochondrial unfolded protein response by nicotinamide adenine dinucleotide repletion reverses fatty liver disease in mice. <i>Hepatology</i> , 2016 , 63, 1190-204	11.2	223
100	Oxidative stress-mediated cytotoxicity and metabolism of T-2 toxin and deoxynivalenol in animals and humans: an update. <i>Archives of Toxicology</i> , 2014 , 88, 1309-26	5.8	169
99	NAD ⁺ repletion improves muscle function in muscular dystrophy and counters global PARylation. <i>Science Translational Medicine</i> , 2016 , 8, 361ra139	17.5	152
98	Enhanced Respiratory Chain Supercomplex Formation in Response to Exercise in Human Skeletal Muscle. <i>Cell Metabolism</i> , 2017 , 25, 301-311	24.6	136
97	Permethrin-induced oxidative stress and toxicity and metabolism. A review. <i>Environmental Research</i> , 2016 , 149, 86-104	7.9	116
96	Analysis of Mitochondrial Respiratory Chain Supercomplexes Using Blue Native Polyacrylamide Gel Electrophoresis (BN-PAGE). <i>Current Protocols in Mouse Biology</i> , 2016 , 6, 1-14	1.1	115
95	Metabolism and toxicity of arsenicals in mammals. <i>Environmental Toxicology and Pharmacology</i> , 2016 , 48, 214-224	5.8	90
94	JNK signaling in cancer cell survival. <i>Medicinal Research Reviews</i> , 2019 , 39, 2082-2104	14.4	89
93	JAK/STAT pathway plays a critical role in the proinflammatory gene expression and apoptosis of RAW264.7 cells induced by trichothecenes as DON and T-2 toxin. <i>Toxicological Sciences</i> , 2012 , 127, 412-244	4.4	89
92	Proteomics analysis reveals multiple regulatory mechanisms in response to selenium in rice. <i>Journal of Proteomics</i> , 2012 , 75, 1849-66	3.9	83
91	Generation of selenium-enriched rice with enhanced grain yield, selenium content and bioavailability through fertilisation with selenite. <i>Food Chemistry</i> , 2013 , 141, 2385-93	8.5	79
90	A large-scale protein phosphorylation analysis reveals novel phosphorylation motifs and phosphoregulatory networks in Arabidopsis. <i>Journal of Proteomics</i> , 2013 , 78, 486-98	3.9	79
89	Antibiotic use and abuse: a threat to mitochondria and chloroplasts with impact on research, health, and environment. <i>BioEssays</i> , 2015 , 37, 1045-53	4.1	74
88	Polyethylene glycol fractionation improved detection of low-abundant proteins by two-dimensional electrophoresis analysis of plant proteome. <i>Phytochemistry</i> , 2006 , 67, 2341-8	4	72
87	Trichothecenes: immunomodulatory effects, mechanisms, and anti-cancer potential. <i>Archives of Toxicology</i> , 2017 , 91, 3737-3785	5.8	62

86	Antimicrobial Drugs in Fighting against Antimicrobial Resistance. <i>Frontiers in Microbiology</i> , 2016 , 7, 470	5.7	61
85	SUMOylation-dependent LRH-1/PROX1 interaction promotes atherosclerosis by decreasing hepatic reverse cholesterol transport. <i>Cell Metabolism</i> , 2014 , 20, 603-13	24.6	60
84	Deltamethrin toxicity: A review of oxidative stress and metabolism. <i>Environmental Research</i> , 2019 , 170, 260-281	7.9	60
83	Fumonisin: oxidative stress-mediated toxicity and metabolism in vivo and in vitro. <i>Archives of Toxicology</i> , 2016 , 90, 81-101	5.8	59
82	A comprehensive differential proteomic study of nitrate deprivation in Arabidopsis reveals complex regulatory networks of plant nitrogen responses. <i>Journal of Proteome Research</i> , 2012 , 11, 2301-15	5.6	58
81	Qualitative screening of veterinary anti-microbial agents in tissues, milk, and eggs of food-producing animals using liquid chromatography coupled with tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016 , 1017-1018, 82-88	3.2	55
80	Statins: Adverse reactions, oxidative stress and metabolic interactions. <i>Pharmacology & Therapeutics</i> , 2019 , 195, 54-84	13.9	52
79	Mechanism of cyclosporine A nephrotoxicity: Oxidative stress, autophagy, and signalings. <i>Food and Chemical Toxicology</i> , 2018 , 118, 889-907	4.7	51
78	The role of hypoxia-inducible factor 1 in tumor immune evasion. <i>Medicinal Research Reviews</i> , 2021 , 41, 1622-1643	14.4	44
77	LRH-1-dependent programming of mitochondrial glutamine processing drives liver cancer. <i>Genes and Development</i> , 2016 , 30, 1255-60	12.6	41
76	A method to identify and validate mitochondrial modulators using mammalian cells and the worm <i>C. elegans</i> . <i>Scientific Reports</i> , 2014 , 4, 5285	4.9	39
75	Synthetic phenolic antioxidants: Metabolism, hazards and mechanism of action. <i>Food Chemistry</i> , 2021 , 353, 129488	8.5	39
74	Antioxidant agents against trichothecenes: new hints for oxidative stress treatment. <i>Oncotarget</i> , 2017 , 8, 110708-110726	3.3	38
73	Phosphorylation of the nuclear receptor corepressor 1 by protein kinase B switches its corepressor targets in the liver in mice. <i>Hepatology</i> , 2015 , 62, 1606-18	11.2	37
72	Selective inhibitors for JNK signalling: a potential targeted therapy in cancer. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020 , 35, 574-583	5.6	36
71	Nitric oxide (NO)-mediated mitochondrial damage plays a critical role in T-2 toxin-induced apoptosis and growth hormone deficiency in rat anterior pituitary GH3 cells. <i>Food and Chemical Toxicology</i> , 2017 , 102, 11-23	4.7	35
70	Deoxidation rates play a critical role in DNA damage mediated by important synthetic drugs, quinoxaline 1,4-dioxides. <i>Chemical Research in Toxicology</i> , 2015 , 28, 470-81	4	35
69	Systematic and Molecular Basis of the Antibacterial Action of Quinoxaline 1,4-Di-N-Oxides against <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2015 , 10, e0136450	3.7	34

68	Impaired SUMOylation of nuclear receptor LRH-1 promotes nonalcoholic fatty liver disease. <i>Journal of Clinical Investigation</i> , 2017 , 127, 583-592	15.9	31
67	Crosstalk of JNK1-STAT3 is critical for RAW264.7 cell survival. <i>Cellular Signalling</i> , 2014 , 26, 2951-60	4.9	30
66	Macrophage NCOR1 protects from atherosclerosis by repressing a pro-atherogenic PPAR α signature. <i>European Heart Journal</i> , 2020 , 41, 995-1005	9.5	29
65	Two generation reproduction and teratogenicity studies of feeding quinocetone fed to Wistar rats. <i>Food and Chemical Toxicology</i> , 2012 , 50, 1600-9	4.7	29
64	Systems Phytohormone Responses to Mitochondrial Proteotoxic Stress. <i>Molecular Cell</i> , 2017 , 68, 540-551	17.6	28
63	Integrated Transcriptional and Proteomic Analysis of Growth Hormone Suppression Mediated by Trichothecene T-2 Toxin in Rat GH3 Cells. <i>Toxicological Sciences</i> , 2015 , 147, 326-38	4.4	27
62	High risk of embryo-fetal toxicity: placental transfer of T-2 toxin and its major metabolite HT-2 toxin in BeWo cells. <i>Toxicological Sciences</i> , 2014 , 137, 168-78	4.4	25
61	An Integrated Systems Genetics and Omics Toolkit to Probe Gene Function. <i>Cell Systems</i> , 2018 , 6, 90-102	11.4	23
60	Preparation of a monoclonal antibody against amantadine and rimantadine and development of an indirect competitive enzyme-linked immunosorbent assay for detecting the same in chicken muscle and liver. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 133, 56-63	3.5	22
59	PKA/CREB and NF- κ B pathway regulates AKNA transcription: A novel insight into T-2 toxin-induced inflammation and GH deficiency in GH3 cells. <i>Toxicology</i> , 2017 , 392, 81-95	4.4	22
58	<i>Acinetobacter pittii</i> , an emerging new multi-drug resistant fish pathogen isolated from diseased blunt snout bream (<i>Megalobrama amblycephala</i> Yih) in China. <i>Applied Microbiology and Biotechnology</i> , 2017 , 101, 6459-6471	5.7	22
57	A novel strategy for the diagnosis, prognosis, treatment, and chemoresistance of hepatocellular carcinoma: DNA methylation. <i>Medicinal Research Reviews</i> , 2020 , 40, 1973-2018	14.4	21
56	Toxic metabolites, MAPK and Nrf2/Keap1 signaling pathways involved in oxidative toxicity in mice liver after chronic exposure to Mequindox. <i>Scientific Reports</i> , 2017 , 7, 41854	4.9	19
55	Metabolic disposition and excretion of quinocetone in rats, pigs, broilers, and carp. <i>Food and Chemical Toxicology</i> , 2014 , 69, 109-19	4.7	19
54	Comparative proteomics analysis of selenium responses in selenium-enriched rice grains. <i>Journal of Proteome Research</i> , 2013 , 12, 808-20	5.6	19
53	Proteomic Analysis of Interactions Between the Generalist Herbivore <i>Spodoptera exigua</i> (Lepidoptera: Noctuidae) and <i>Arabidopsis thaliana</i> . <i>Plant Molecular Biology Reporter</i> , 2010 , 28, 324-333	1.7	19
52	An update on T-2 toxin and its modified forms: metabolism, immunotoxicity mechanism, and human exposure assessment. <i>Archives of Toxicology</i> , 2020 , 94, 3645-3669	5.8	19
51	Sodium Butyrate Protects the Intestinal Barrier by Modulating Intestinal Host Defense Peptide Expression and Gut Microbiota after a Challenge with Deoxynivalenol in Weaned Piglets. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 4515-4527	5.7	17

50	Mechanisms of Antibacterial Action of Quinoxaline 1,4-di--oxides against and. <i>Frontiers in Microbiology</i> , 2016 , 7, 1948	5.7	17
49	DNA methylation and RASSF4 expression are involved in T-2 toxin-induced hepatotoxicity. <i>Toxicology</i> , 2019 , 425, 152246	4.4	15
48	The neurotoxicity of trichothecenes T-2 toxin and deoxynivalenol (DON): Current status and future perspectives. <i>Food and Chemical Toxicology</i> , 2020 , 145, 111676	4.7	15
47	Pyrrolidine Dithiocarbamate (PDTC) Inhibits DON-Induced Mitochondrial Dysfunction and Apoptosis via the NF-B/iNOS Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 1324173	6.7	15
46	An unbiased silencing screen in muscle cells identifies miR-320a, miR-150, miR-196b, and miR-34c as regulators of skeletal muscle mitochondrial metabolism. <i>Molecular Metabolism</i> , 2017 , 6, 1429-1442	8.8	14
45	DNA methylation is involved in pro-inflammatory cytokines expression in T-2 toxin-induced liver injury. <i>Food and Chemical Toxicology</i> , 2019 , 132, 110661	4.7	14
44	MicroRNA-382 silencing induces a mitonuclear protein imbalance and activates the mitochondrial unfolded protein response in muscle cells. <i>Journal of Cellular Physiology</i> , 2019 , 234, 6601-6610	7	12
43	Multiclass method for the quantification of 92 veterinary antimicrobial drugs in livestock excreta, wastewater, and surface water by liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2016 , 39, 4086-4095	3.4	11
42	The mitogen-activated protein kinase kinase 9 (MKK9) modulates nitrogen acquisition and anthocyanin accumulation under nitrogen-limiting condition in Arabidopsis. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 487, 539-544	3.4	10
41	Hypoxia, oxidative stress, and immune evasion: a trinity of the trichothecenes T-2 toxin and deoxynivalenol (DON). <i>Archives of Toxicology</i> , 2021 , 95, 1899-1915	5.8	9
40	Simultaneous Determination of Quinoxalines in Animal Feeds by a Modified QuEChERS Method with MWCNTs as the Sorbent Followed by High-Performance Liquid Chromatography. <i>Food Analytical Methods</i> , 2017 , 10, 2085-2091	3.4	8
39	Mequindox Induced Genotoxicity and Carcinogenicity in Mice. <i>Frontiers in Pharmacology</i> , 2018 , 9, 361	5.6	8
38	The Gene-Regulatory Footprint of Aging Highlights Conserved Central Regulators. <i>Cell Reports</i> , 2020 , 32, 108203	10.6	7
37	Isolation, identification and characterisation of an emerging fish pathogen, <i>Acinetobacter pittii</i> , from diseased loach (<i>Misgurnus anguillicaudatus</i>) in China. <i>Antonie Van Leeuwenhoek</i> , 2020 , 113, 21-32	2.1	7
36	The role of long noncoding RNA in lipid, cholesterol, and glucose metabolism and treatment of obesity syndrome. <i>Medicinal Research Reviews</i> , 2021 , 41, 1751-1774	14.4	7
35	Acute and sub-chronic toxicity study of diaveridine in Wistar rats. <i>Regulatory Toxicology and Pharmacology</i> , 2015 , 73, 232-40	3.4	6
34	Toxic metabolites, Sertoli cells and Y chromosome related genes are potentially linked to the reproductive toxicity induced by mequindox. <i>Oncotarget</i> , 2017 , 8, 87512-87528	3.3	6
33	Metabolism and Mechanism of Human Cytochrome P450 Enzyme 1A2. <i>Current Drug Metabolism</i> , 2021 , 22, 40-49	3.5	6

32	Genomic and proteomic analysis of the inhibition of synthesis and secretion of aldosterone hormone induced by quinocetone in NCI-H295R cells. <i>Toxicology</i> , 2016 , 350-352, 1-14	4.4	6
31	Molecular Characterization and Biological Function of a Novel LncRNA CRNG in Swine. <i>Frontiers in Pharmacology</i> , 2019 , 10, 539	5.6	5
30	Determination of Tartrazine, Lutein, Capsanthin, Canthaxanthin and β -Carotene in Animal-Derived Foods and Feeds by HPLC Method. <i>Journal of Chromatographic Science</i> , 2019 , 57, 462-468	1.4	5
29	Maternal SSRIs experience and risk of ASD in offspring: a review. <i>Toxicology Research</i> , 2018 , 7, 1020-1028.	2.6	5
28	Oxidative Stress and Metabolism: A Mechanistic Insight for Glyphosate Toxicology.. <i>Annual Review of Pharmacology and Toxicology</i> , 2022 , 62, 617-639	17.9	5
27	Deoxynivalenol Inhibits Porcine Intestinal Trefoil Factors Expression in Weanling Piglets and IPEC-J2 Cells. <i>Toxins</i> , 2019 , 11,	4.9	5
26	Development of a Sensitive Monoclonal AntibodyBased Indirect Competitive Enzyme-Linked Immunosorbent Assay for the Determination of Monensin in Edible Chicken Tissues. <i>Food Analytical Methods</i> , 2019 , 12, 1479-1486	3.4	4
25	A Review: Effects of Macrolides on CYP450 Enzymes. <i>Current Drug Metabolism</i> , 2020 , 21, 928-937	3.5	4
24	Epigenetic upregulation of galanin-like peptide mediates deoxynivalenol induced-growth inhibition in pituitary cells. <i>Toxicology and Applied Pharmacology</i> , 2020 , 403, 115166	4.6	4
23	MiR-155-5p plays as a "janus" in the expression of inflammatory cytokines induced by T-2 toxin. <i>Food and Chemical Toxicology</i> , 2020 , 140, 111258	4.7	4
22	A proposed "steric-like effect" for the slowdown of enrofloxacin antibiotic metabolism by ciprofloxacin, and its mechanism. <i>Chemosphere</i> , 2021 , 284, 131347	8.4	4
21	Microbiological toxicity of tilmicosin on human colonic microflora in chemostats. <i>Regulatory Toxicology and Pharmacology</i> , 2015 , 73, 201-8	3.4	3
20	Mitochondria as an important target of metformin: the mechanism of action, toxic and side effects, and new therapeutic applications.. <i>Pharmacological Research</i> , 2022 , 106114	10.2	3
19	Effect of Tulathromycin on Colonization Resistance, Antimicrobial Resistance, and Virulence of Human Gut Microbiota in Chemostats. <i>Frontiers in Microbiology</i> , 2016 , 7, 477	5.7	3
18	A multilayered cross-species analysis of GRAS transcription factors uncovered their functional networks in plant adaptation to the environment. <i>Journal of Advanced Research</i> , 2021 , 29, 191-205	13	3
17	Bacterial Multidrug Efflux Pumps at the Frontline of Antimicrobial Resistance: An Overview.. <i>Antibiotics</i> , 2022 , 11,	4.9	3
16	Exploration of Clinical Breakpoint of Danofloxacin for in Plasma and in PELF. <i>Antibiotics</i> , 2021 , 10,	4.9	2
15	Targeting peroxisome proliferator-activated receptors: A new strategy for the treatment of cardiac fibrosis. <i>Pharmacology & Therapeutics</i> , 2021 , 219, 107702	13.9	2

14	Antimony symplastic and apoplastic absorption, compartmentation, and xylem translocation in <i>Brassica parachinensis</i> L. under antimonate and antimonite. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 197, 110621	7	1
13	The paradoxical effects of progesterone on the eggshell quality of laying hens. <i>Journal of Structural Biology</i> , 2020 , 209, 107430	3-4	1
12	Hypothesis: JNK signaling is a therapeutic target of neurodegenerative diseases. <i>Alzheimer's and Dementia</i> , 2021 ,	1.2	1
11	PPAR- δ with its anti-fibrotic action could serve as an effective therapeutic target in T-2 toxin-induced cardiac fibrosis of rats. <i>Food and Chemical Toxicology</i> , 2021 , 152, 112183	4-7	1
10	A "Janus" face of the RASSF4 signal in cell fate. <i>Journal of Cellular Physiology</i> , 2021 ,	7	1
9	Toxicity induced by ciprofloxacin and enrofloxacin: oxidative stress and metabolism.. <i>Critical Reviews in Toxicology</i> , 2021 , 51, 754-787	5-7	1
8	Interaction Between Florfenicol and Doxycycline Involving Cytochrome P450 3A in Goats (). <i>Frontiers in Veterinary Science</i> , 2021 , 8, 759716	3-1	0
7	The NO-dependent caspase signaling pathway is a target of deoxynivalenol in growth inhibition in vitro. <i>Food and Chemical Toxicology</i> , 2021 , 158, 112629	4-7	0
6	MS4A3-HSP27 target pathway reveals potential for haematopoietic disorder treatment in alimentary toxic aleukia. <i>Cell Biology and Toxicology</i> , 2021 , 1	7-4	0
5	Hypothesis: Long non-coding RNA is a potential target of mycotoxins. <i>Food and Chemical Toxicology</i> , 2021 , 155, 112397	4-7	0
4	Neonicotinoids: mechanisms of systemic toxicity based on oxidative stress-mitochondrial damage.. <i>Archives of Toxicology</i> , 2022 , 1	5-8	0
3	Nicotinamide N-methyltransferase protects against deoxynivalenol-induced growth inhibition by suppressing pro-inflammatory cytokine expression.. <i>Food and Chemical Toxicology</i> , 2022 , 163, 112969	4-7	0
2	Toxic mechanisms of the trichothecenes T-2 toxin and deoxynivalenol on protein synthesis.. <i>Food and Chemical Toxicology</i> , 2022 , 164, 113044	4-7	0
1	Magnetic solid-phase extraction based on carbon nanotubes for determination of sulfamethoxazole, acetyl sulfamethoxazole and aditoprin residues in edible swine tissues with liquid chromatography tandem mass spectrometry. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2021 , 38, 1364-1375	3-2	