

# Xu Wang

## List of Publications by Year in descending order

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31  
papers

3,375  
citations

331259

21  
h-index

433756

31  
g-index

31  
all docs

31  
docs citations

31  
times ranked

6820  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nicotinamide N-methyltransferase protects against deoxynivalenol-induced growth inhibition by suppressing pro-inflammatory cytokine expression. <i>Food and Chemical Toxicology</i> , 2022, 163, 112969.	1.8	5
2	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.	4.4	10
3	Macrophage NCOR1 protects from atherosclerosis by repressing a pro-atherogenic PPAR $\alpha$ signature. <i>European Heart Journal</i> , 2020, 41, 995-1005.	1.0	56
4	The Gene-Regulatory Footprint of Aging Highlights Conserved Central Regulators. <i>Cell Reports</i> , 2020, 32, 108203.	2.9	23
5	Comprehensive multiomics analysis reveals key roles of NACs in plant growth and development and its environmental adaption mechanism by regulating metabolite pathways. <i>Genomics</i> , 2020, 112, 4897-4911.	1.3	6
6	MicroRNA-204-5p modulates mitochondrial biogenesis in C2C12 myotubes and associates with oxidative capacity in humans. <i>Journal of Cellular Physiology</i> , 2020, 235, 9851-9863.	2.0	18
7	Mitochondrion: A new molecular target and potential treatment strategies against trichothecenes. <i>Trends in Food Science and Technology</i> , 2019, 88, 33-45.	7.8	14
8	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.	2.0	19
9	An Integrated Systems Genetics and Omics Toolkit to Probe Gene Function. <i>Cell Systems</i> , 2018, 6, 90-102.e4.	2.9	47
10	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.	1.0	17
11	Enhanced Respiratory Chain Supercomplex Formation in Response to Exercise in Human Skeletal Muscle. <i>Cell Metabolism</i> , 2017, 25, 301-311.	7.2	213
12	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.	3.0	21
13	Systems Phytohormone Responses to Mitochondrial Proteotoxic Stress. <i>Molecular Cell</i> , 2017, 68, 540-551.e5.	4.5	47
14	Impaired SUMOylation of nuclear receptor LRH-1 promotes nonalcoholic fatty liver disease. <i>Journal of Clinical Investigation</i> , 2017, 127, 583-592.	3.9	50
15	NAD <sup>+</sup> repletion improves mitochondrial and stem cell function and enhances life span in mice. <i>Science</i> , 2016, 352, 1436-1443.	6.0	907
16	NAD <sup>+</sup> repletion improves muscle function in muscular dystrophy and counters global PARylation. <i>Science Translational Medicine</i> , 2016, 8, 361ra139.	5.8	208
17	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.	1.2	212
18	LRH-1-dependent programming of mitochondrial glutamine processing drives liver cancer. <i>Genes and Development</i> , 2016, 30, 1255-1260.	2.7	56

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19	Eliciting the mitochondrial unfolded protein response by nicotinamide adenine dinucleotide repletion reverses fatty liver disease in mice. <i>Hepatology</i> , 2016, 63, 1190-1204.	3.6	289
20	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, 1606-1618.	3.6	46
21	Antibiotic use and abuse: A threat to mitochondria and chloroplasts with impact on research, health, and environment. <i>BioEssays</i> , 2015, 37, 1045-1053.	1.2	108
22	Tetracyclines Disturb Mitochondrial Function across Eukaryotic Models: A Call for Caution in Biomedical Research. <i>Cell Reports</i> , 2015, 10, 1681-1691.	2.9	385
23	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.	1.6	42
24	SUMOylation-Dependent LRR-1/PROX1 Interaction Promotes Atherosclerosis by Decreasing Hepatic Reverse Cholesterol Transport. <i>Cell Metabolism</i> , 2014, 20, 603-613.	7.2	73
25	Generation of selenium-enriched rice with enhanced grain yield, selenium content and bioavailability through fertilisation with selenite. <i>Food Chemistry</i> , 2013, 141, 2385-2393.	4.2	107
26	Comparative Proteomics Analysis of Selenium Responses in Selenium-Enriched Rice Grains. <i>Journal of Proteome Research</i> , 2013, 12, 808-820.	1.8	26
27	A large-scale protein phosphorylation analysis reveals novel phosphorylation motifs and phosphoregulatory networks in <i>Arabidopsis</i> . <i>Journal of Proteomics</i> , 2013, 78, 486-498.	1.2	103
28	Proteomics analysis reveals multiple regulatory mechanisms in response to selenium in rice. <i>Journal of Proteomics</i> , 2012, 75, 1849-1866.	1.2	99
29	A Comprehensive Differential Proteomic Study of Nitrate Deprivation in <i>Arabidopsis</i> Reveals Complex Regulatory Networks of Plant Nitrogen Responses. <i>Journal of Proteome Research</i> , 2012, 11, 2301-2315.	1.8	71
30	Proteomic Analysis of Interactions Between the Generalist Herbivore <i>Spodoptera exigua</i> (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.6	21
31	Polyethylene glycol fractionation improved detection of low-abundant proteins by two-dimensional electrophoresis analysis of plant proteome. <i>Phytochemistry</i> , 2006, 67, 2341-2348.	1.4	76