

Xun Wang

List of Publications by Year in Descending Order

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

66

papers

2,358

citations

20

h-index

48

g-index

67

ext. papers

3,490

ext. citations

4.9

avg, IF

5

L-index

#	Paper	IF	Citations
66	Induction of autophagy via the ROS-dependent AMPK-mTOR pathway protects copper-induced spermatogenesis disorder.. <i>Redox Biology</i> , 2021 , 49, 102227	11.3	6
65	Development of a Colloidal Gold-Based Immunochromatographic Strip for Rapid Detection of Severe Acute Respiratory Syndrome Coronavirus 2 Spike Protein. <i>Frontiers in Immunology</i> , 2021 , 12, 635677	8.4	3
64	An Isothermal Molecular Point of Care Testing for African Swine Fever Virus Using Recombinase-Aided Amplification and Lateral Flow Assay Without the Need to Extract Nucleic Acids in Blood. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 633763	5.9	6
63	Comparative transcriptome profiles of large and small bodied large-scale loaches cultivated in paddy fields. <i>Scientific Reports</i> , 2021 , 11, 4936	4.9	
62	Development of an immunochromatographic strip for rapid detection of H7 subtype avian influenza viruses. <i>Virology Journal</i> , 2021 , 18, 68	6.1	0
61	TGF- β -induced EMT activation via both Smad-dependent and MAPK signaling pathways in Cu-induced pulmonary fibrosis. <i>Toxicology and Applied Pharmacology</i> , 2021 , 418, 115500	4.6	9
60	Identification and expression pattern analysis of miRNAs in pectoral muscle during pigeon () development. <i>PeerJ</i> , 2021 , 9, e11438	3.1	
59	A pig BodyMap transcriptome reveals diverse tissue physiologies and evolutionary dynamics of transcription. <i>Nature Communications</i> , 2021 , 12, 3715	17.4	7
58	Nickel carcinogenesis mechanism: cell cycle dysregulation. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 4893-4901	5.1	6
57	Copper induces hepatocyte autophagy via the mammalian targets of the rapamycin signaling pathway in mice. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 208, 111656	7	3
56	Cu-induced spermatogenesis disease is related to oxidative stress-mediated germ cell apoptosis and DNA damage. <i>Journal of Hazardous Materials</i> , 2021 , 416, 125903	12.8	7
55	Copper exposure induces hepatic G0/G1 cell-cycle arrest through suppressing the Ras/PI3K/Akt signaling pathway in mice. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 222, 112518	7	1
54	MicroRNA expression profiling reveals potential roles for microRNA in the liver during pigeon (<i>Columba livia</i>) development. <i>Poultry Science</i> , 2020 , 99, 6378-6389	3.9	1
53	Copper induces hepatic inflammatory responses by activation of MAPKs and NF- κ B signalling pathways in the mouse. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 201, 110806	7	18
52	Copper Induces Oxidative Stress and Apoptosis in the Mouse Liver. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 1359164	6.7	17
51	Copper sulfate-induced endoplasmic reticulum stress promotes hepatic apoptosis by activating CHOP, JNK and caspase-12 signaling pathways. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 191, 110236	7.6	21
50	Involvement of P450s and nuclear receptors in the hepatoprotective effect of quercetin on liver injury by bacterial lipopolysaccharide. <i>Immunopharmacology and Immunotoxicology</i> , 2020 , 42, 211-220	3.2	1

49	Oxidative stress, apoptosis and inflammatory responses involved in copper-induced pulmonary toxicity in mice. <i>Aging</i> , 2020 , 12, 16867-16886	5.6	7
48	Immunotoxicity of nickel: Pathological and toxicological effects. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 203, 111006	7	13
47	Comparative microRNA Transcriptomes in Domestic Goats Reveal Acclimatization to High Altitude. <i>Frontiers in Genetics</i> , 2020 , 11, 809	4.5	4
46	Nickel Carcinogenesis Mechanism: DNA Damage. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	36
45	Small non-coding RNA transcriptome of four high-altitude vertebrates and their low-altitude relatives. <i>Scientific Data</i> , 2019 , 6, 192	8.2	6
44	miR-27a-5p Attenuates Hypoxia-induced Rat Cardiomyocyte Injury by Inhibiting. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	21
43	Sodium Fluoride (NaF) Induces Inflammatory Responses Via Activating MAPKs/NF- κ B Signaling Pathway and Reducing Anti-inflammatory Cytokine Expression in the Mouse Liver. <i>Biological Trace Element Research</i> , 2019 , 189, 157-171	4.5	15
42	Sodium fluoride impairs splenic innate immunity via inactivation of TLR2/MyD88 signaling pathway in mice. <i>Chemosphere</i> , 2019 , 237, 124437	8.4	6
41	Nickel induces inflammatory activation via NF- κ B, MAPKs, IRF3 and NLRP3 inflammasome signaling pathways in macrophages. <i>Aging</i> , 2019 , 11, 11659-11672	5.6	16
40	Genomic analyses provide insights into breed-of-origin effects from purebreds on three-way crossbred pigs. <i>PeerJ</i> , 2019 , 7, e8009	3.1	2
39	Expression profiles of microRNAs in oxidized low-density lipoprotein-stimulated RAW 264.7 cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2018 , 54, 99-110	2.6	7
38	Inflammatory responses and inflammation-associated diseases in organs. <i>Oncotarget</i> , 2018 , 9, 7204-7218	3.3	1276
37	Long non-coding RNAs and mRNAs profiling during spleen development in pig. <i>PLoS ONE</i> , 2018 , 13, e0193552	3.7	10
36	Sodium fluoride induces splenocyte autophagy via the mammalian targets of rapamycin (mTOR) signaling pathway in growing mice. <i>Aging</i> , 2018 , 10, 1649-1665	5.6	13
35	Sodium fluoride causes hepatocellular S-phase arrest by activating ATM-p53-p21 and ATR-Chk1-Cdc25A pathways in mice. <i>Oncotarget</i> , 2018 , 9, 4318-4337	3.3	16
34	Identification of exosome-like nanoparticle-derived microRNAs from 11 edible fruits and vegetables. <i>PeerJ</i> , 2018 , 6, e5186	3.1	86
33	Exploration of exosomal microRNA expression profiles in pigeon milk during the lactation period. <i>BMC Genomics</i> , 2018 , 19, 828	4.5	10
32	Sodium Fluoride Arrests Renal G2/M Phase Cell-Cycle Progression by Activating ATM-Chk2-P53/Cdc25C Signaling Pathway in Mice. <i>Cellular Physiology and Biochemistry</i> , 2018 , 51, 2421-2433	3.9	20

31	Hemicastration induced spermatogenesis-related DNA methylation and gene expression changes in mice testis. <i>Asian-Australasian Journal of Animal Sciences</i> , 2018 , 31, 189-197	2.4	1
30	A mini review of fluoride-induced apoptotic pathways. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 33926-33935	5.1	20
29	Global Long Noncoding RNA and mRNA Expression Changes between Prenatal and Neonatal Lung Tissue in Pigs. <i>Genes</i> , 2018 , 9,	4.2	9
28	The mitochondrial pathway is involved in sodium fluoride (NaF)-induced renal apoptosis in mice. <i>Toxicology Research</i> , 2018 , 7, 792-808	2.6	14
27	Report-Ouabain inhibits RAW264.7 cells proliferation and induces apoptosis via Bcl-2 and bax expression. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2018 , 31, 1997-2003	0.4	
26	Research progress in sRNAs and functional proteins in epididymosomes. <i>Yi Chuan = Hereditas / Zhongguo Yi Chuan Xue Hui Bian Ji</i> , 2018 , 40, 197-206	1.4	1
25	Exosomal microRNAs in giant panda (<i>Ailuropoda melanoleuca</i>) breast milk: potential maternal regulators for the development of newborn cubs. <i>Scientific Reports</i> , 2017 , 7, 3507	4.9	40
24	Differential expression of genes related to glucose metabolism in domesticated pigs and wild boar. <i>Bioscience, Biotechnology and Biochemistry</i> , 2017 , 81, 1478-1483	2.1	4
23	Sodium fluoride causes oxidative stress and apoptosis in the mouse liver. <i>Aging</i> , 2017 , 9, 1623-1639	5.6	63
22	Sodium fluoride induces apoptosis in mouse splenocytes by activating ROS-dependent NF-B signaling. <i>Oncotarget</i> , 2017 , 8, 114428-114441	3.3	14
21	Sodium fluoride (NaF) causes toxic effects on splenic development in mice. <i>Oncotarget</i> , 2017 , 8, 4703-4713	3.7	23
20	Detection of dietetically absorbed maize-derived microRNAs in pigs. <i>Scientific Reports</i> , 2017 , 7, 645	4.9	53
19	Comprehensive variation discovery and recovery of missing sequence in the pig genome using multiple de novo assemblies. <i>Genome Research</i> , 2017 , 27, 865-874	9.7	54
18	Comparative transcriptomics of 5 high-altitude vertebrates and their low-altitude relatives. <i>GigaScience</i> , 2017 , 6, 1-9	7.6	32
17	Sodium fluoride induces renal inflammatory responses by activating NF-B signaling pathway and reducing anti-inflammatory cytokine expression in mice. <i>Oncotarget</i> , 2017 , 8, 80192-80207	3.3	21
16	Histopathological findings of renal tissue induced by oxidative stress due to different concentrations of fluoride. <i>Oncotarget</i> , 2017 , 8, 50430-50446	3.3	22
15	Effects of sodium fluoride on blood cellular and humoral immunity in mice. <i>Oncotarget</i> , 2017 , 8, 85504-85515	3.5	14
14	Overexpression of Exosomal Cardioprotective miRNAs Mitigates Hypoxia-Induced H9c2 Cells Apoptosis. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	39

13	The biological function of pigeon crop milk and the regulation of its production. <i>Yi Chuan = Hereditas / Zhongguo Yi Chuan Xue Hui Bian Ji</i> , 2017 , 39, 1158-1167	1.4	2
12	Comparative analysis of the microRNA transcriptome between yak and cattle provides insight into high-altitude adaptation. <i>PeerJ</i> , 2017 , 5, e3959	3.1	20
11	Detection of genetic diversity and selection at the coding region of the melanocortin receptor 1 (MC1R) gene in Tibetan pigs and Landrace pigs. <i>Gene</i> , 2016 , 575, 537-542	3.8	6
10	Oxidative stress and inflammatory responses involved in dietary nickel chloride (NiCl ₂)-induced pulmonary toxicity in broiler chickens. <i>Toxicology Research</i> , 2016 , 5, 1421-1433	2.6	13
9	Nickel chloride (NiCl ₂) in hepatic toxicity: apoptosis, G2/M cell cycle arrest and inflammatory response. <i>Aging</i> , 2016 , 8, 3009-3027	5.6	23
8	Sodium fluoride (NaF) induces the splenic apoptosis via endoplasmic reticulum (ER) stress pathway and. <i>Aging</i> , 2016 , 8, 3552-3567	5.6	35
7	Glutamine deprivation plus BPTES alters etoposide- and cisplatin-induced apoptosis in triple negative breast cancer cells. <i>Oncotarget</i> , 2016 , 7, 54691-54701	3.3	18
6	Suppressive effects of sodium fluoride on cultured splenic lymphocyte proliferation in mice. <i>Oncotarget</i> , 2016 , 7, 61905-61915	3.3	27
5	Nickel chloride-induced apoptosis via mitochondria- and Fas-mediated caspase-dependent pathways in broiler chickens. <i>Oncotarget</i> , 2016 , 7, 79747-79760	3.3	16
4	Dynamic gene expression profiles during postnatal development of porcine subcutaneous adipose. <i>PeerJ</i> , 2016 , 4, e1768	3.1	4
3	Sodium fluoride induces apoptosis in cultured splenic lymphocytes from mice. <i>Oncotarget</i> , 2016 , 7, 67889-67905	3.3	15
2	The miRNA Transcriptome Directly Reflects the Physiological and Biochemical Differences between Red, White, and Intermediate Muscle Fiber Types. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 9635-53	6.3	14
1	Whole-genome sequencing of Berkshire (European native pig) provides insights into its origin and domestication. <i>Scientific Reports</i> , 2014 , 4, 4678	4.9	58