

Xun Wang

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

4,684
citations

201575

27
h-index

106281

65
g-index

67
all docs

67
docs citations

67
times ranked

6817
citing authors

#	ARTICLE	IF	CITATIONS
1	Inflammatory responses and inflammation-associated diseases in organs. <i>Oncotarget</i> , 2018, 9, 7204-7218.	0.8	2,597
2	Identification of exosome-like nanoparticle-derived microRNAs from 11 edible fruits and vegetables. <i>PeerJ</i> , 2018, 6, e5186.	0.9	180
3	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.	2.4	116
4	Sodium fluoride causes oxidative stress and apoptosis in the mouse liver. <i>Aging</i> , 2017, 9, 1623-1639.	1.4	92
5	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.	1.6	86
6	Nickel Carcinogenesis Mechanism: DNA Damage. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4690.	1.8	83
7	Whole-genome sequencing of Berkshire (European native pig) provides insights into its origin and domestication. <i>Scientific Reports</i> , 2015, 4, 4678.	1.6	81
8	Detection of dietetically absorbed maize-derived microRNAs in pigs. <i>Scientific Reports</i> , 2017, 7, 645.	1.6	74
9	Induction of autophagy via the ROS-dependent AMPK-mTOR pathway protects copper-induced spermatogenesis disorder. <i>Redox Biology</i> , 2022, 49, 102227.	3.9	73
10	A pig BodyMap transcriptome reveals diverse tissue physiologies and evolutionary dynamics of transcription. <i>Nature Communications</i> , 2021, 12, 3715.	5.8	60
11	Overexpression of Exosomal Cardioprotective miRNAs Mitigates Hypoxia-Induced H9c2 Cells Apoptosis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 711.	1.8	58
12	Comparative transcriptomics of 5 high-altitude vertebrates and their low-altitude relatives. <i>GigaScience</i> , 2017, 6, 1-9.	3.3	50
13	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.	2.9	49
14	Sodium fluoride (NaF) induces the splenic apoptosis via endoplasmic reticulum (ER) stress pathway in vivo and in vitro. <i>Aging</i> , 2016, 8, 3552-3567.	1.4	46
15	Comparative analysis of the microRNA transcriptome between yak and cattle provides insight into high-altitude adaptation. <i>PeerJ</i> , 2017, 5, e3959.	0.9	43
16	Copper Induces Oxidative Stress and Apoptosis in the Mouse Liver. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-20.	1.9	42
17	Exploration of exosomal microRNA expression profiles in pigeon "Milk" during the lactation period. <i>BMC Genomics</i> , 2018, 19, 828.	1.2	38
18	miR-27a-5p Attenuates Hypoxia-induced Rat Cardiomyocyte Injury by Inhibiting Atg7. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2418.	1.8	38

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19	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.	2.9	38
20	Sodium fluoride induces renal inflammatory responses by activating NF- κ B signaling pathway and reducing anti-inflammatory cytokine expression in mice. <i>Oncotarget</i> , 2017, 8, 80192-80207.	0.8	36
21	Histopathological findings of renal tissue induced by oxidative stress due to different concentrations of fluoride. <i>Oncotarget</i> , 2017, 8, 50430-50446.	0.8	35
22	Nickel chloride (NiCl ₂) in hepatic toxicity: apoptosis, G2/M cell cycle arrest and inflammatory response. <i>Aging</i> , 2016, 8, 3009-3027.	1.4	33
23	Suppressive effects of sodium fluoride on cultured splenic lymphocyte proliferation in mice. <i>Oncotarget</i> , 2016, 7, 61905-61915.	0.8	33
24	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.	1.9	32
25	TGF- β 1-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.	1.3	32
26	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.	6.5	32
27	Sodium fluoride (NaF) causes toxic effects on splenic development in mice. <i>Oncotarget</i> , 2017, 8, 4703-4717.	0.8	31
28	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.	1.1	30
29	Sodium fluoride induces apoptosis in cultured splenic lymphocytes from mice. <i>Oncotarget</i> , 2016, 7, 67880-67900.	0.8	29
30	Long non-coding RNAs and mRNAs profiling during spleen development in pig. <i>PLoS ONE</i> , 2018, 13, e0193552.	1.1	29
31	Immunotoxicity of nickel: Pathological and toxicological effects. <i>Ecotoxicology and Environmental Safety</i> , 2020, 203, 111006.	2.9	29
32	Nickel induces inflammatory activation via NF- κ B, MAPKs, IRF3 and NLRP3 inflammasome signaling pathways in macrophages. <i>Aging</i> , 2019, 11, 11659-11672.	1.4	28
33	A mini review of fluoride-induced apoptotic pathways. <i>Environmental Science and Pollution Research</i> , 2018, 25, 33926-33935.	2.7	27
34	Oxidative stress, apoptosis and inflammatory responses involved in copper-induced pulmonary toxicity in mice. <i>Aging</i> , 2020, 12, 16867-16886.	1.4	27
35	Sodium fluoride induces splenocyte autophagy via the mammalian targets of rapamycin (mTOR) signaling pathway in growing mice. <i>Aging</i> , 2018, 10, 1649-1665.	1.4	25
36	Nickel chloride-induced apoptosis via mitochondria- and Fas-mediated caspase-dependent pathways in broiler chickens. <i>Oncotarget</i> , 2016, 7, 79747-79760.	0.8	25

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37	The mitochondrial pathway is involved in sodium fluoride (NaF)-induced renal apoptosis in mice. <i>Toxicology Research</i> , 2018, 7, 792-808.	0.9	24
38	Glutamine deprivation plus BPTES alters etoposide- and cisplatin-induced apoptosis in triple negative breast cancer cells. <i>Oncotarget</i> , 2016, 7, 54691-54701.	0.8	22
39	Sodium fluoride induces apoptosis in mouse splenocytes by activating ROS-dependent NF- κ B signaling. <i>Oncotarget</i> , 2017, 8, 114428-114441.	0.8	21
40	Global Long Noncoding RNA and mRNA Expression Changes between Prenatal and Neonatal Lung Tissue in Pigs. <i>Genes</i> , 2018, 9, 443.	1.0	21
41	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, 9635-9653.	1.8	20
42	Effects of sodium fluoride on blood cellular and humoral immunity in mice. <i>Oncotarget</i> , 2017, 8, 85504-85515.	0.8	20
43	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.	0.8	20
44	Nickel carcinogenesis mechanism: cell cycle dysregulation. <i>Environmental Science and Pollution Research</i> , 2021, 28, 4893-4901.	2.7	19
45	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.	2.2	19
46	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.	0.9	18
47	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.	1.8	14
48	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.	0.7	12
49	Comparative microRNA Transcriptomes in Domestic Goats Reveal Acclimatization to High Altitude. <i>Frontiers in Genetics</i> , 2020, 11, 809.	1.1	12
50	Small non-coding RNA transcriptome of four high-altitude vertebrates and their low-altitude relatives. <i>Scientific Data</i> , 2019, 6, 192.	2.4	10
51	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.	2.9	10
52	Copper induces hepatocyte autophagy via the mammalian targets of the rapamycin signaling pathway in mice. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111656.	2.9	9
53	Detection of genetic diversity and selection at the coding region of the melanocortin receptor 1 () Tj ETQq1 1 0.784314 rgBT _g /Overlook	1.0	8
54	Sodium fluoride impairs splenic innate immunity via inactivation of TLR2/MyD88 signaling pathway in mice. <i>Chemosphere</i> , 2019, 237, 124437.	4.2	8

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55	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.	1.5	6
56	Differential expression of genes related to glucose metabolism in domesticated pigs and wild boar. <i>Bioscience, Biotechnology and Biochemistry</i> , 2017, 81, 1478-1483.	0.6	4
57	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.	1.1	4
58	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.	0.1	4
59	Dynamic gene expression profiles during postnatal development of porcine subcutaneous adipose. <i>PeerJ</i> , 2016, 4, e1768.	0.9	4
60	Comparative transcriptome profiles of large and small bodied large-scale loaches cultivated in paddy fields. <i>Scientific Reports</i> , 2021, 11, 4936.	1.6	3
61	Development of an immunochromatographic strip for rapid detection of H7 subtype avian influenza viruses. <i>Virology Journal</i> , 2021, 18, 68.	1.4	3
62	Genomic analyses provide insights into breed-of-origin effects from purebreds on three-way crossbred pigs. <i>PeerJ</i> , 2019, 7, e8009.	0.9	3
63	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.	0.1	3
64	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
65	Identification and expression pattern analysis of miRNAs in pectoral muscle during pigeon (<i>Columba</i>) Tj ETQq1 1 0.784314 rgBT /Over to	0.9	1
66	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.	0.2	0