

# Xu Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

1,530  
citations

471061

17  
h-index

377514

34  
g-index

70  
all docs

70  
docs citations

70  
times ranked

2287  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic and genomic architecture in eight strains of the laboratory opossum <i>Monodelphis domestica</i> . <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .	0.8	3
2	Metabolic manipulation of the tumour immune microenvironment. <i>Immunology</i> , 2022, 165, 290-300.	2.0	8
3	Environment-Dependent Heterosis and Transgressive Gene Expression in Reciprocal Hybrids between the Channel Catfish <i>Ictalurus punctatus</i> and the Blue Catfish <i>Ictalurus furcatus</i> . <i>Biology</i> , 2022, 11, 117.	1.3	4
4	Profiles of telomeric repeats in Insecta reveal diverse forms of telomeric motifs in Hymenopterans. <i>Life Science Alliance</i> , 2022, 5, e202101163.	1.3	16
5	Transcriptomic Analysis of Canine Osteosarcoma from a Precision Medicine Perspective Reveals Limitations of Differential Gene Expression Studies. <i>Genes</i> , 2022, 13, 680.	1.0	4
6	Whole-Genome Shotgun Metagenomic Sequencing Reveals Distinct Gut Microbiome Signatures of Obese Cats. <i>Microbiology Spectrum</i> , 2022, 10, e0083722.	1.2	15
7	Chromosome-level assembly and annotation of the blue catfish <i>Ictalurus furcatus</i> , an aquaculture species for hybrid catfish reproduction, epigenetics, and heterosis studies. <i>GigaScience</i> , 2022, 11, .	3.3	8
8	Terbinafine prevents colorectal cancer growth by inducing dNTP starvation and reducing immune suppression. <i>Molecular Therapy</i> , 2022, 30, 3284-3299.	3.7	12
9	CXCR2 Is Essential for Radiation-Induced Intestinal Injury by Initiating Neutrophil Infiltration. <i>Journal of Immunology Research</i> , 2022, 2022, 1-9.	0.9	3
10	Comparative analysis reveals the expansion of mitochondrial DNA control region containing unusually high G-C tandem repeat arrays in <i>Nasonia vitripennis</i> . <i>International Journal of Biological Macromolecules</i> , 2021, 166, 1246-1257.	3.6	9
11	Identification of a subset of immunosuppressive P2RX1-negative neutrophils in pancreatic cancer liver metastasis. <i>Nature Communications</i> , 2021, 12, 174.	5.8	60
12	Deciphering the genomic and lncRNA landscapes of aerobic glycolysis identifies potential therapeutic targets in pancreatic cancer. <i>International Journal of Biological Sciences</i> , 2021, 17, 107-118.	2.6	16
13	Single-cell RNA sequencing reveals that targeting HSP90 suppresses PDAC progression by restraining mitochondrial bioenergetics. <i>Oncogenesis</i> , 2021, 10, 22.	2.1	9
14	Transcriptome investigation of anti-inflammation and immunoregulation mechanism of taurochenodeoxycholic acid. <i>BMC Pharmacology &amp; Toxicology</i> , 2021, 22, 23.	1.0	10
15	Genomic and <i>in vitro</i> pharmacodynamic analysis of rifampicin resistance in multidrug-resistant canine <i>Staphylococcus pseudintermedius</i> isolates. <i>Veterinary Dermatology</i> , 2021, 32, 219.	0.4	2
16	CTHRC1 promotes liver metastasis by reshaping infiltrated macrophages through physical interactions with TGF- $\beta$ 2 receptors in colorectal cancer. <i>Oncogene</i> , 2021, 40, 3959-3973.	2.6	33
17	The physiology, pathology and potential therapeutic application of serotonylation. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	10
18	Targeting Purinergic Receptor P2RX1 Modulates Intestinal Microbiota and Alleviates Inflammation in Colitis. <i>Frontiers in Immunology</i> , 2021, 12, 696766.	2.2	11

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19	Interplay between Extracellular Matrix and Neutrophils in Diseases. <i>Journal of Immunology Research</i> , 2021, 2021, 1-11.	0.9	23
20	Targeting P2RX1 alleviates renal ischemia/reperfusion injury by preserving mitochondrial dynamics. <i>Pharmacological Research</i> , 2021, 170, 105712.	3.1	16
21	Comparative Phylogenomic Analysis Reveals Evolutionary Genomic Changes and Novel Toxin Families in Endophytic <i>Liberibacter</i> Pathogens. <i>Microbiology Spectrum</i> , 2021, 9, e0050921.	1.2	6
22	Long-Read Assembly and Annotation of the Parasitoid Wasp <i>Muscidifurax raptorellus</i> , a Biological Control Agent for Filth Flies. <i>Frontiers in Genetics</i> , 2021, 12, 748135.	1.1	3
23	Reciprocal regulation of LOXL2 and HIF1 $\alpha$ drives the Warburg effect to support pancreatic cancer aggressiveness. <i>Cell Death and Disease</i> , 2021, 12, 1106.	2.7	22
24	Neurotransmitters: emerging targets in cancer. <i>Oncogene</i> , 2020, 39, 503-515.	2.6	120
25	Hypothalamic transcriptome of tame and aggressive silver foxes ( <i>Vulpes vulpes</i> ) identifies gene expression differences shared across brain regions. <i>Genes, Brain and Behavior</i> , 2020, 19, e12614.	1.1	24
26	Systemic Regulation of Cancer Development by Neuro-Endocrine-Immune Signaling Network at Multiple Levels. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 586757.	1.8	11
27	Phylogenomic Analysis of <i>Wolbachia</i> Strains Reveals Patterns of Genome Evolution and Recombination. <i>Genome Biology and Evolution</i> , 2020, 12, 2508-2520.	1.1	19
28	Extracellular AMP Suppresses Endotoxemia-Induced Inflammation by Alleviating Neutrophil Activation. <i>Frontiers in Immunology</i> , 2020, 11, 1220.	2.2	8
29	Mechanism of blood-brain barrier disruption by an <i>Escherichia coli</i> from lambs with severe diarrhea and meningoencephalitis. <i>Microbial Pathogenesis</i> , 2020, 147, 104288.	1.3	8
30	Signalling entrains the peripheral circadian clock. <i>Cellular Signalling</i> , 2020, 69, 109433.	1.7	34
31	A Transient Hermaphroditic Stage in Early Male Gonadal Development in Little Yellow Croaker, <i>Larimichthys polyactis</i> . <i>Frontiers in Endocrinology</i> , 2020, 11, 542942.	1.5	9
32	P2RX1-Involved Glycolytic Metabolism Supports Neutrophil Activation in Acute Pancreatitis. <i>Frontiers in Immunology</i> , 2020, 11, 549179.	2.2	4
33	TIVAN: tissue-specific cis-eQTL single nucleotide variant annotation and prediction. <i>Bioinformatics</i> , 2019, 35, 1573-1575.	1.8	14
34	First report of the prevalence and genotype of <i>Trypanosoma</i> spp. in bats in Yunnan Province, Southwestern China. <i>Acta Tropica</i> , 2019, 198, 105105.	0.9	6
35	Lysyl oxidase promotes liver metastasis of gastric cancer via facilitating the reciprocal interactions between tumor cells and cancer associated fibroblasts. <i>EBioMedicine</i> , 2019, 49, 157-171.	2.7	61
36	The Diverse Function of PD-1/PD-L Pathway Beyond Cancer. <i>Frontiers in Immunology</i> , 2019, 10, 2298.	2.2	244

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37	Carbon monoxide releasing molecule <sup>2</sup> (CORM <sup>2</sup> ) <sup>2</sup> liberated CO ameliorates acute pancreatitis. <i>Molecular Medicine Reports</i> , 2019, 19, 5142-5152.	1.1	7
38	Protective effects of carbon monoxide releasing molecule <sup>2</sup> on pancreatic function in septic mice. <i>Molecular Medicine Reports</i> , 2019, 19, 3449-3458.	1.1	6
39	14-3-3 Protein of <i>Neospora caninum</i> Modulates Host Cell Innate Immunity Through the Activation of MAPK and NF- $\kappa$ B Pathways. <i>Frontiers in Microbiology</i> , 2019, 10, 37.	1.5	11
40	Disruption of blood-brain barrier by an <i>Escherichia coli</i> isolated from canine septicemia and meningoencephalitis. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2019, 63, 44-50.	0.7	11
41	Detection of <i>Neospora caninum</i> DNA by polymerase chain reaction in bats from Southern China. <i>Parasitology International</i> , 2018, 67, 389-391.	0.6	7
42	The galectin LEC-5 is a novel binding partner for RAB-11. <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 600-605.	1.0	4
43	Purinergic Regulation of Neutrophil Function. <i>Frontiers in Immunology</i> , 2018, 9, 399.	2.2	87
44	Adenosine effectively restores endotoxin-induced inhibition of human neutrophil chemotaxis via A1 receptor-p38 pathway. <i>Inflammation Research</i> , 2017, 66, 353-364.	1.6	17
45	Endotoxin-induced autocrine ATP signaling inhibits neutrophil chemotaxis through enhancing myosin light chain phosphorylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4483-4488.	3.3	81
46	NLRP3 inflammasome activation in murine macrophages caused by <i>Neospora caninum</i> infection. <i>Parasites and Vectors</i> , 2017, 10, 266.	1.0	35
47	Endotoxin promotes neutrophil hierarchical chemotaxis via the p38-membrane receptor pathway. <i>Oncotarget</i> , 2016, 7, 74247-74258.	0.8	24
48	Quinoxaline 1,4-di-N-Oxides: Biological Activities and Mechanisms of Actions. <i>Frontiers in Pharmacology</i> , 2016, 7, 64.	1.6	80
49	Suppressive effect of exogenous carbon monoxide on endotoxin-stimulated platelet over-activation via the glycoprotein-mediated PI3K-Akt-GSK3 $\beta$ pathway. <i>Scientific Reports</i> , 2016, 6, 23653.	1.6	13
50	Exogenous carbon monoxide inhibits neutrophil infiltration in LPS-induced sepsis by interfering with FPR1 via p38 MAPK but not GRK2. <i>Oncotarget</i> , 2016, 7, 34250-34265.	0.8	32
51	A novel role of kukoamine B: Inhibition of the inflammatory response in the livers of lipopolysaccharide-induced septic mice via its unique property of combining with lipopolysaccharide. <i>Experimental and Therapeutic Medicine</i> , 2015, 9, 725-732.	0.8	11
52	A novel strategy for antimicrobial agent: role of exogenous carbon monoxide on suppressing <i>Escherichia coli</i> vitality and toxicity. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2015, 28, 281-92.	0.2	0
53	N-acetyltransferase 2 Polymorphisms and Risk of Esophageal Cancer in a Chinese Population. <i>PLoS ONE</i> , 2014, 9, e87783.	1.1	8
54	p21 rs3176352 G>C and p73 rs1801173 C>T Polymorphisms Are Associated with an Increased Risk of Esophageal Cancer in a Chinese Population. <i>PLoS ONE</i> , 2014, 9, e96958.	1.1	9

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55	RANK rs1805034 T>C Polymorphism Is Associated with Susceptibility of Esophageal Cancer in a Chinese Population. PLoS ONE, 2014, 9, e101705.	1.1	13
56	A Novel Role of Exogenous Carbon Monoxide on Protecting Cardiac Function and Improving Survival against Sepsis via Mitochondrial Energetic Metabolism Pathway. International Journal of Biological Sciences, 2014, 10, 777-788.	2.6	29
57	Exogenous carbon monoxide suppresses Escherichia coli vitality and improves survival in an Escherichia coli-induced murine sepsis model. Acta Pharmacologica Sinica, 2014, 35, 1566-1576.	2.8	24
58	The variant interleukin 1f7 rs3811047 G>A was associated with a decreased risk of gastric cardiac adenocarcinoma in a Chinese Han population. Tumor Biology, 2014, 35, 3509-3515.	0.8	13
59	New strategy for sepsis: Targeting a key role of platelet-neutrophil interaction. Burns and Trauma, 2014, 2, 114.	0.7	16
60	TERT-CLPTM1L Rs401681 C>T Polymorphism Was Associated with a Decreased Risk of Esophageal Cancer in a Chinese Population. PLoS ONE, 2014, 9, e100667.	1.1	16
61	Suppressive Effect of CORM-2 on LPS-Induced Platelet Activation by Glycoprotein Mediated HS1 Phosphorylation Interference. PLoS ONE, 2013, 8, e83112.	1.1	15
62	Exogenous carbon monoxide attenuates inflammatory responses in the small intestine of septic mice. World Journal of Gastroenterology, 2012, 18, 5719.	1.4	21
63	Effects of atrazine and chlorpyrifos on the mRNA levels of IL-1 and IFN- $\gamma$ 2b in immune organs of common carp. Fish and Shellfish Immunology, 2011, 31, 126-133.	1.6	72
64	Lysyl Oxidase Enhances Warburg Effect to Mediate Reciprocal Interactions between Tumor Cells and Cancer Associated Fibroblasts in Liver Metastasis of Gastric Cancer. SSRN Electronic Journal, 0, , .	0.4	0