

# 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	The Diverse Function of PD-1/PD-L Pathway Beyond Cancer. <i>Frontiers in Immunology</i> , 2019, 10, 2298.	2.2	244
2	Neurotransmitters: emerging targets in cancer. <i>Oncogene</i> , 2020, 39, 503-515.	2.6	120
3	Purinergic Regulation of Neutrophil Function. <i>Frontiers in Immunology</i> , 2018, 9, 399.	2.2	87
4	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
5	Quinoxaline 1,4-di-N-Oxides: Biological Activities and Mechanisms of Actions. <i>Frontiers in Pharmacology</i> , 2016, 7, 64.	1.6	80
6	Effects of atrazine and chlorpyrifos on the mRNA levels of IL-1 and IFN- $\gamma$ in immune organs of common carp. <i>Fish and Shellfish Immunology</i> , 2011, 31, 126-133.	1.6	72
7	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
8	Identification of a subset of immunosuppressive P2RX1-negative neutrophils in pancreatic cancer liver metastasis. <i>Nature Communications</i> , 2021, 12, 174.	5.8	60
9	NLRP3 inflammasome activation in murine macrophages caused by <i>Neospora caninum</i> infection. <i>Parasites and Vectors</i> , 2017, 10, 266.	1.0	35
10	Signalling entrains the peripheral circadian clock. <i>Cellular Signalling</i> , 2020, 69, 109433.	1.7	34
11	CTHRC1 promotes liver metastasis by reshaping infiltrated macrophages through physical interactions with TGF- $\beta$ receptors in colorectal cancer. <i>Oncogene</i> , 2021, 40, 3959-3973.	2.6	33
12	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
13	A Novel Role of Exogenous Carbon Monoxide on Protecting Cardiac Function and Improving Survival against Sepsis via Mitochondrial Energetic Metabolism Pathway. <i>International Journal of Biological Sciences</i> , 2014, 10, 777-788.	2.6	29
14	Exogenous carbon monoxide suppresses <i>Escherichia coli</i> vitality and improves survival in an <i>Escherichia coli</i> -induced murine sepsis model. <i>Acta Pharmacologica Sinica</i> , 2014, 35, 1566-1576.	2.8	24
15	Endotoxin promotes neutrophil hierarchical chemotaxis via the p38-membrane receptor pathway. <i>Oncotarget</i> , 2016, 7, 74247-74258.	0.8	24
16	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
17	Interplay between Extracellular Matrix and Neutrophils in Diseases. <i>Journal of Immunology Research</i> , 2021, 2021, 1-11.	0.9	23
18	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

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19	Exogenous carbon monoxide attenuates inflammatory responses in the small intestine of septic mice. <i>World Journal of Gastroenterology</i> , 2012, 18, 5719.	1.4	21
20	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
21	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
22	New strategy for sepsis: Targeting a key role of platelet-neutrophil interaction. <i>Burns and Trauma</i> , 2014, 2, 114.	0.7	16
23	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
24	Targeting P2RX1 alleviates renal ischemia/reperfusion injury by preserving mitochondrial dynamics. <i>Pharmacological Research</i> , 2021, 170, 105712.	3.1	16
25	TERT-CLPTM1L Rs401681 C>T Polymorphism Was Associated with a Decreased Risk of Esophageal Cancer in a Chinese Population. <i>PLoS ONE</i> , 2014, 9, e100667.	1.1	16
26	Profiles of telomeric repeats in Insecta reveal diverse forms of telomeric motifs in Hymenoptera. <i>Life Science Alliance</i> , 2022, 5, e202101163.	1.3	16
27	Suppressive Effect of CORM-2 on LPS-Induced Platelet Activation by Glycoprotein Mediated HS1 Phosphorylation Interference. <i>PLoS ONE</i> , 2013, 8, e83112.	1.1	15
28	Whole-Genome Shotgun Metagenomic Sequencing Reveals Distinct Gut Microbiome Signatures of Obese Cats. <i>Microbiology Spectrum</i> , 2022, 10, e0083722.	1.2	15
29	TIVAN: tissue-specific cis-eQTL single nucleotide variant annotation and prediction. <i>Bioinformatics</i> , 2019, 35, 1573-1575.	1.8	14
30	RANK rs1805034 T>C Polymorphism Is Associated with Susceptibility of Esophageal Cancer in a Chinese Population. <i>PLoS ONE</i> , 2014, 9, e101705.	1.1	13
31	The variant interleukin 1f7 rs3811047 G>A was associated with a decreased risk of gastric cardiac adenocarcinoma in a Chinese Han population. <i>Tumor Biology</i> , 2014, 35, 3509-3515.	0.8	13
32	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
33	Terbinafine prevents colorectal cancer growth by inducing dNTP starvation and reducing immune suppression. <i>Molecular Therapy</i> , 2022, 30, 3284-3299.	3.7	12
34	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
35	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
36	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

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37	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
38	Targeting Purinergic Receptor P2RX1 Modulates Intestinal Microbiota and Alleviates Inflammation in Colitis. <i>Frontiers in Immunology</i> , 2021, 12, 696766.	2.2	11
39	Transcriptome investigation of anti-inflammation and immunoregulation mechanism of taurochenodeoxycholic acid. <i>BMC Pharmacology &amp; Toxicology</i> , 2021, 22, 23.	1.0	10
40	The physiology, pathology and potential therapeutic application of serotonylation. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	10
41	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
42	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
43	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
44	Single-cell RNA sequencing reveals that targeting HSP90 suppresses PDAC progression by restraining mitochondrial bioenergetics. <i>Oncogenesis</i> , 2021, 10, 22.	2.1	9
45	N-acetyltransferase 2 Polymorphisms and Risk of Esophageal Cancer in a Chinese Population. <i>PLoS ONE</i> , 2014, 9, e87783.	1.1	8
46	Extracellular AMP Suppresses Endotoxemia-Induced Inflammation by Alleviating Neutrophil Activation. <i>Frontiers in Immunology</i> , 2020, 11, 1220.	2.2	8
47	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
48	Metabolic manipulation of the tumour immune microenvironment. <i>Immunology</i> , 2022, 165, 290-300.	2.0	8
49	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
50	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
51	Carbon monoxide releasing molecule <sup>2</sup> (CORM <sup>2</sup> )-liberated CO ameliorates acute pancreatitis. <i>Molecular Medicine Reports</i> , 2019, 19, 5142-5152.	1.1	7
52	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
53	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
54	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

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55	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
56	P2RX1-Involved Glycolytic Metabolism Supports Neutrophil Activation in Acute Pancreatitis. <i>Frontiers in Immunology</i> , 2020, 11, 549179.	2.2	4
57	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
58	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
59	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
60	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
61	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
62	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
63	Lysyl Oxidase Enhances Warburg Effect to Mediate Reciprocal Interactions between Tumor Cells and Cancer Associated Fibroblasts in Liver Metastasis of Gastric Cancer. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
64	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