Jin Wang

List of Publications by Year
in descending order

113	10,684	94381 37	31818 101
papers	citations	h-index	g-index

121	121	121	18299
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
2	Essential role for Nix in autophagic maturation of erythroid cells. Nature, 2008, 454, 232-235.	13.7	1,008
3	MATURE T LYMPHOCYTE APOPTOSISâ€"Immune Regulation in a Dynamic and Unpredictable Antigenic Environment. Annual Review of Immunology, 1999, 17, 221-253.	9.5	881
4	Pleiotropic defects in lymphocyte activation caused by caspase-8 mutations lead to human immunodeficiency. Nature, 2002, 419, 395-399.	13.7	648
5	Inherited Human Caspase 10 Mutations Underlie Defective Lymphocyte and Dendritic Cell Apoptosis in Autoimmune Lymphoproliferative Syndrome Type II. Cell, 1999, 98, 47-58.	13.5	598
6	Clinical, Immunologic, and Genetic Features of an Autoimmune Lymphoproliferative Syndrome Associated With Abnormal Lymphocyte Apoptosis. Blood, 1997, 89, 1341-1348.	0.6	358
7	Dendritic Cell Apoptosis in the Maintenance of Immune Tolerance. Science, 2006, 311, 1160-1164.	6.0	293
8	Microbial Genetic Composition Tunes Host Longevity. Cell, 2017, 169, 1249-1262.e13.	13.5	256
9	Quantitative real-time imaging of glutathione. Nature Communications, 2017, 8, 16087.	5.8	192
10	Essential role for autophagy in the maintenance of immunological memory against influenza infection. Nature Medicine, 2014, 20, 503-510.	15.2	173
11	Quantitative Imaging of Glutathione in Live Cells Using a Reversible Reaction-Based Ratiometric Fluorescent Probe. ACS Chemical Biology, 2015, 10, 864-874.	1.6	164
12	TRIM29 promotes DNA virus infections by inhibiting innate immune response. Nature Communications, 2017, 8, 945.	5.8	150
13	A Genome-wide Haploid Genetic Screen Identifies Regulators of Glutathione Abundance and Ferroptosis Sensitivity. Cell Reports, 2019, 26, 1544-1556.e8.	2.9	146
14	Bufalin Is a Potent Small-Molecule Inhibitor of the Steroid Receptor Coactivators SRC-3 and SRC-1. Cancer Research, 2014, 74, 1506-1517.	0.4	145
15	Inhibition of Fas-mediated apoptosis by the B cell antigen receptor through c-FLIP. European Journal of Immunology, 2000, 30, 155-163.	1.6	123
16	Transcriptional profiling and therapeutic targeting of oxidative stress in neuroinflammation. Nature Immunology, 2020, 21, 513-524.	7.0	118
17	Enhancing intracellular accumulation and target engagement of PROTACs with reversible covalent chemistry. Nature Communications, 2020, 11, 4268.	5.8	112
18	Reversible Reaction-Based Fluorescent Probe for Real-Time Imaging of Glutathione Dynamics in Mitochondria. ACS Sensors, 2017, 2, 1257-1261.	4.0	103

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19	Deficiency of Bim in dendritic cells contributes to overactivation of lymphocytes and autoimmunity. Blood, 2007, 109, 4360-4367.	0.6	96
20	Caspase-9-induced Mitochondrial Disruption through Cleavage of Anti-apoptotic BCL-2 Family Members. Journal of Biological Chemistry, 2007, 282, 33888-33895.	1.6	92
21	Ablation of Transcription Factor IRF4 Promotes Transplant Acceptance by Driving Allogenic CD4+ T Cell Dysfunction. Immunity, 2017, 47, 1114-1128.e6.	6.6	76
22	Development of potent small-molecule inhibitors to drug the undruggable steroid receptor coactivator-3. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4970-4975.	3.3	74
23	Regulation of the lifespan in dendritic cell subsets. Molecular Immunology, 2007, 44, 2558-2565.	1.0	72
24	Theoretical and Experimental Investigation of Thermodynamics and Kinetics of Thiol-Michael Addition Reactions: A Case Study of Reversible Fluorescent Probes for Glutathione Imaging in Single Cells. Organic Letters, 2015, 17, 5978-5981.	2.4	67
25	MAL2 drives immune evasion in breast cancer by suppressing tumor antigen presentation. Journal of Clinical Investigation, 2021, 131, .	3.9	63
26	Delineation of the caspase-9 signaling cascade. Apoptosis: an International Journal on Programmed Cell Death, 2008, 13, 177-186.	2.2	61
27	Activation of Initiator Caspases through a Stable Dimeric Intermediate. Journal of Biological Chemistry, 2002, 277, 50761-50767.	1.6	59
28	Challenges and Opportunities for Small-Molecule Fluorescent Probes in Redox Biology Applications. Antioxidants and Redox Signaling, 2018, 29, 518-540.	2.5	56
29	Requirement for Autophagy in the Long-Term Persistence but not Initial Formation of Memory B cells. Journal of Immunology, 2015, 194, 2607-2615.	0.4	55
30	Programmed cell death of dendritic cells in immune regulation. Immunological Reviews, 2010, 236, 11-27.	2.8	54
31	Challenges and strategies for the eradication of the HIV reservoir. Current Opinion in Immunology, 2016, 42, 65-70.	2.4	54
32	Regulation of B cell fate, survival, and function by mitochondria and autophagy. Mitochondrion, 2018, 41, 58-65.	1.6	52
33	Proteomic profiling identifies key coactivators utilized by mutant ERÎ± proteins as potential new therapeutic targets. Oncogene, 2018, 37, 4581-4598.	2.6	51
34	Critical role for perforin and Fas-dependent killing of dendritic cells in the control of inflammation. Blood, 2012, 119, 127-136.	0.6	50
35	Essential Lymphocyte Function Associated 1 (LFA-1): Intercellular Adhesion Molecule Interactions for T Cellâ€“mediated B Cell Apoptosis by Fas/APO-1/CD95. Journal of Experimental Medicine, 1997, 186, 1171-1176.	4.2	47
36	Metabolomics reveals the formation of aldehydes and iminium in gefitinib metabolism. Biochemical Pharmacology, 2015, 97, 111-121.	2.0	47

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37	Selective mitochondrial autophagy during erythroid maturation. Autophagy, 2008, 4, 926-928.	4.3	46
38	Role of c-Jun terminal kinase (JNK) activation in influenza A virus-induced autophagy and replication. Virology, 2019, 526, 1-12.	1.1	37
39	Targeting SRC Coactivators Blocks the Tumor-Initiating Capacity of Cancer Stem-like Cells. Cancer Research, 2017, 77, 4293-4304.	0.4	36
40	Discovery of 2,4,6-trisubstitued pyrido[3,4-d]pyrimidine derivatives as new EGFR-TKIs. European Journal of Medicinal Chemistry, 2018, 148, 221-237.	2.6	36
41	An autophagy-inducing and TLR-2 activating BCG vaccine induces a robust protection against tuberculosis in mice. Npj Vaccines, 2019, 4, 34.	2.9	36
42	Characterizing novel metabolic pathways of melatonin receptor agonist agomelatine using metabolomic approaches. Biochemical Pharmacology, 2016, 109, 70-82.	2.0	32
43	Protein quality control through endoplasmic reticulum-associated degradation maintains haematopoietic stem cell identity and niche interactions. Nature Cell Biology, 2020, 22, 1162-1169.	4.6	32
44	Steroid Receptor Coactivator-3 (SRC-3/AIB1) as a Novel Therapeutic Target in Triple Negative Breast Cancer and Its Inhibition with a Phospho-Bufalin Prodrug. PLoS ONE, 2015, 10, e0140011.	1.1	31
45	CD36 and LC3B initiated autophagy in B cells regulates the humoral immune response. Autophagy, 2021, 17, 3577-3591.	4.3	28
46	Decreased Autophagy in Rat Heart Induced by Anti-Î²1-Adrenergic Receptor Autoantibodies Contributes to the Decline in Mitochondrial Membrane Potential. PLoS ONE, 2013, 8, e81296.	1.1	28
47	Heterozygous deletion of chromosome 17p renders prostate cancer vulnerable to inhibition of RNA polymerase II. Nature Communications, 2018, 9, 4394.	5.8	27
48	Metabolic Reprogramming in CD8+ T Cells During Acute Viral Infections. Frontiers in Immunology, 2020, 11, 1013.	2.2	27
49	NCOA1 promotes angiogenesis in breast tumors by simultaneously enhancing both HIF1Î±- and AP-1-mediated VEGFa transcription. Oncotarget, 2015, 6, 23890-23904.	0.8	26
50	Synthesis and evaluation of 2,9-disubstituted 8-phenylthio/phenylsulfinyl-9H-purine as new EGFR inhibitors. Bioorganic and Medicinal Chemistry, 2018, 26, 2173-2185.	1.4	26
51	NIX-Mediated Mitophagy Promotes Effector Memory Formation in Antigen-Specific CD8+ T Cells. Cell Reports, 2019, 29, 1862-1877.e7.	2.9	26
52	Quantitative Real-Time Imaging of Glutathione with Subcellular Resolution. Antioxidants and Redox Signaling, 2019, 30, 1900-1910.	2.5	26
53	Promotion of Caspase Activation by Caspase-9-mediated Feedback Amplification of Mitochondrial Damage. Journal of Clinical & Cellular Immunology, 2012, 03, .	1.5	24
54	Morphological characteristics of cartilage-bone transitional structures in the human knee joint and CAD design of an osteochondral scaffold. BioMedical Engineering OnLine, 2016, 15, 82.	1.3	22

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55	Targeted Gene Delivery to Macrophages by Biodegradable Star-Shaped Polymers. ACS Applied Materials & Interfaces, 2016, 8, 3719-3724.	4.0	22
56	Genetically anchored fluorescent probes for subcellular specific imaging of hydrogen sulfide. Analyst, The, 2016, 141, 1209-1213.	1.7	20
57	Novel PI3K/Akt/mTOR signaling inhibitor, W922, prevents colorectal cancer growth via the regulation of autophagy. International Journal of Oncology, 2020, 58, 70-82.	1.4	20
58	Comparison of porcine antiâ€human lymphocyte globulin and rabbit antiâ€human thymocyte globulin in the treatment of severe aplastic anemia: a retrospective singleâ€center study. European Journal of Haematology, 2016, 96, 260-268.	1.1	19
59	Cleavage of Anti-Apoptotic Bcl-2 Family Members after TCR Stimulation Contributes to the Decision between T Cell Activation and Apoptosis. Journal of Immunology, 2013, 190, 168-173.	0.4	17
60	Supramolecular Peptide Nanofibers Engage Mechanisms of Autophagy in Antigen-Presenting Cells. ACS Omega, 2017, 2, 9136-9143.	1.6	17
61	SRC-3 inhibition blocks tumor growth of pancreatic ductal adenocarcinoma. Cancer Letters, 2019, 442, 310-319.	3.2	17
62	Metabolic profiling of norepinephrine reuptake inhibitor atomoxetine. European Journal of Pharmaceutical Sciences, 2020, 153, 105488.	1.9	16
63	Clearance of HIV infection by selective elimination of host cells capable of producing HIV. Nature Communications, 2020, 11, 4051.	5.8	16
64	A recombinant bovine adenoviral mucosal vaccine expressing mycobacterial antigen-85B generates robust protection against tuberculosis in mice. Cell Reports Medicine, 2021, 2, 100372.	3.3	16
65	Cardiacâ€specific ablation of glutaredoxin 3 leads to cardiac hypertrophy and heart failure. Physiological Reports, 2019, 7, e14071.	0.7	15
66	Synthesis and biological evaluation of irreversible EGFR tyrosine kinase inhibitors containing pyrido[3,4-d]pyrimidine scaffold. Bioorganic and Medicinal Chemistry, 2018, 26, 3619-3633.	1.4	14
67	Immune Regulation through Mitochondrion-Dependent Dendritic Cell Death Induced by T Regulatory Cells. Journal of Immunology, 2011, 187, 5684-5692.	0.4	12
68	The role and mechanism of glutamic NMDA receptor in the mechanical hyperalgesia in diabetic rats. Neurological Research, 2017, 39, 1006-1013.	0.6	11
69	Alkylsulfonamide-containing quinazoline derivatives as potent and orally bioavailable PI3Ks inhibitors. Bioorganic and Medicinal Chemistry, 2019, 27, 114930.	1.4	11
70	Slight Deuterium Enrichment in Water Acts as an Antioxidant: Is Deuterium a Cell Growth Regulator?. Molecular and Cellular Proteomics, 2020, 19, 1790-1804.	2.5	11
71	Vascular Risk Factors Aggravate the Progression of Alzheimer's Disease. American Journal of Alzheimer's Disease and Other Dementias, 2014, 29, 521-525.	0.9	10
72	Loss of glutaredoxin 3 impedes mammary lobuloalveolar development during pregnancy and lactation. American Journal of Physiology - Endocrinology and Metabolism, 2017, 312, E136-E149.	1.8	9

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73	TNIP1 alleviates hepatic ischemia/reperfusion injury via the TLR2-Myd88 pathway. Biochemical and Biophysical Research Communications, 2018, 501, 186-192.	1.0	9
74	Sulfur mustard resistant keratinocytes obtained elevated glutathione levels and other changes in the antioxidative defense mechanism. Toxicology Letters, 2018, 293, 51-61.	0.4	8
75	An Arabidopsis Oxalyl-CoA Decarboxylase, AtOXC, Is Important for Oxalate Catabolism in Plants. International Journal of Molecular Sciences, 2021, 22, 3266.	1.8	8
76	Protection of Quiescence and Longevity of IgG Memory B Cells by Mitochondrial Autophagy. Journal of Immunology, 2022, 208, 1085-1098.	0.4	8
77	Maintenance of Germinal Center B Cells by Caspase-9 through Promotion of Apoptosis and Inhibition of Necroptosis. Journal of Immunology, 2020, 205, 113-120.	0.4	7
78	Dependence on Autophagy for Autoreactive Memory B Cells in the Development of Pristane-Induced Lupus. Frontiers in Immunology, 2021, 12, 701066.	2.2	7
79	Development of improved SRC-3 inhibitors as breast cancer therapeutic agents. Endocrine-Related Cancer, 2021, 28, 657-670.	1.6	7
80	Clearance of HIV-1 or SIV reservoirs by promotion of apoptosis and inhibition of autophagy: Targeting intracellular molecules in cure-directed strategies. Journal of Leukocyte Biology, 2022, 112, 1245-1259.	1.5	7
81	Complement factor D as a predictor of Achilles tendon healing and longâ€term patient outcomes. FASEB Journal, 2022, 36, .	0.2	7
82	Metabolism of a Selective Serotonin and Norepinephrine Reuptake Inhibitor Duloxetine in Liver Microsomes and Mice. Drug Metabolism and Disposition, 2022, 50, 128-139.	1.7	6
83	Short term exposure to oxycodone alters the survival, proliferation and differentiation of rat embryonic neural stem cell in vitro. Brain Research Bulletin, 2018, 143, 66-72.	1.4	5
84	Calcium Channel Blockers in Acute Care: The Links and Missing Links Between Hemodynamic Effects and Outcome Evidence. American Journal of Cardiovascular Drugs, 2021, 21, 35-49.	1.0	5
85	Regulation of Immune Responses by Spontaneous and T cell-mediated Dendritic Cell Death. Journal of Clinical & Cellular Immunology, 2012, 01, .	1.5	5
86	Molecular Genetic Studies in Lymphocyte Apoptosis and Human Autoimmunity. Novartis Foundation Symposium, 1998, 215, 73-91.	1.2	5
87	Dose-enhanced combined priming regimens for refractory acute myeloid leukemia and middle-and-high-risk myelodysplastic syndrome: a single-center, retrospective cohort study. OncoTargets and Therapy, 2016, 9, 3661.	1.0	4
88	Increased Immunogenicity Through Autophagy. , 2018, , 35-54.		4
89	Reply to â€˜Pitfalls in the quantitative imaging of glutathione in living cellsâ€™. Nature Communications, 2018, 9, 1589.	5.8	3
90	W941, a new PI3K inhibitor, exhibits preferable anti-proliferative activities against nonsmall cell lung cancer with autophagy inhibitors. Investigational New Drugs, 2020, 38, 1218-1226.	1.2	3

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91	Chronic real-time particulate matter exposure causes rat pulmonary arteriole hyperresponsiveness and remodeling: The role of ETBR-ERK1/2 signaling. Toxicology and Applied Pharmacology, 2020, 403, 115154.	1.3	3
92	Glutathione Quantification in Live Cells with Real-Time Imaging and Flow Cytometry. STAR Protocols, 2020, 1, 100170.	0.5	3
93	Crucial Role of Mammalian Glutaredoxin 3 in Cardiac Energy Metabolism in Diet-induced Obese Mice Revealed by Transcriptome Analysis. International Journal of Biological Sciences, 2021, 17, 2871-2883.	2.6	3
94	Fluorescent Probes and Mass Spectrometry-Based Methods to Quantify Thiols in Biological Systems. Antioxidants and Redox Signaling, 2022, 36, 354-365.	2.5	3
95	Essential Role of Pro-Apoptotic Mechanisms for Production of Normal Erythrocytes and Prevention of Hemolysis.. Blood, 2007, 110, 426-426.	0.6	3
96	Unique Diacidic Fragments Inhibit the OXA-48 Carbapenemase and Enhance the Killing of Escherichia coli Producing OXA-48. ACS Infectious Diseases, 2021, 7, 3345-3354.	1.8	3
97	Hierarchical Structure of Articular Bone-Cartilage Interface and Its Potential Application for Osteochondral Tissue Engineering. , 2010, , .		2
98	Nonâ€IgEâ€mediated hypersensitivity induced by multivitamins containing Tweenâ€80. Clinical and Experimental Pharmacology and Physiology, 2019, 46, 664-675.	0.9	2
99	Targeted silencing of genes related to acute monocytic leukaemia by CpG(B)-MLAA-34 siRNA conjugates. Journal of Drug Targeting, 2020, 28, 516-524.	2.1	2
100	Inhibition of Fas-mediated apoptosis by the B cell antigen receptor through c-FLIP. European Journal of Immunology, 2000, 30, 155-163.	1.6	2
101	Extended Course and Increased Dose of Initial Chemotherapy for Extranodal Nasal Type Natural Killer/T (NK/T)-Cell Lymphoma in Patients <60 Years Old: A Single-Center Retrospective Cohort Study. Medical Science Monitor, 2016, 22, 4297-4311.	0.5	2
102	Role of Nix in the Maturation of Erythroid Cells through Mitochondrial Autophagy. , 2014, , 127-137.		1
103	Evolving trends in pancreatic cancer therapeutic development. Annals of Pancreatic Cancer, 2019, 2, 17-17.	1.2	1
104	High-Intensity Chemotherapy is Associated with Better Prognosis in Young Patients with High-Risk Diffuse Large B-Cell Lymphoma: A 10-Year Single-Center Retrospective Cohort Study. Medical Science Monitor, 2016, 22, 1792-1800.	0.5	1
105	Analyses of Programmed Cell Death in Dendritic Cells. Methods in Molecular Biology, 2013, 979, 51-63.	0.4	0
106	Autophagy in Host Defense Against Viruses. , 2016, , 185-199.		0
107	Infusion of leukocytes from HLA haplo-identical familial donors as an adjuvant in the HLH-2004 protocol to treat the virus-associated adult hemophagocytic lymphohistiocytosis: a retrospective study of 26 patients. Annals of Hematology, 2018, 97, 319-326.	0.8	0
108	Identification and functional study of novel oligonucleotides: CpG Seq 13 and CpG Seq 19. Immunotherapy, 2021, 13, 571-585.	1.0	0

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109	Autoimmunity Caused by Cell Type-Specific Deficiency in Apoptosis.. Blood, 2005, 106, 3913-3913.	0.6	0
110	Two Waves of Mitochondrion Disruption in Apoptosis: Implications for the Design of Anti-Cancer Drugs.. Blood, 2006, 108, 3896-3896.	0.6	0
111	Efficacy and Adverse Reactions of Gemcitabine Combined with Cyclophosphamide, Vinblastine and Prednisone Hydrogenation Regiments in Relapse and/or Refractory Non-Hodgkin's Lymphoma. Blood, 2018, 132, 5393-5393.	0.6	0
112	Irreversible epidermal growth factor receptor inhibitor Z25h exhibits pronounced inhibition on non-small cell lung adenocarcinoma cell line Hcc827. Anti-Cancer Drugs, 2021, 32, 417-426.	0.7	0
113	Regulation of Mitochondrial Homeostasis and Metabolic Programming in Memory B cells by Mitophagy. , 2022, 1, 165-169.		0