

# Taixing Cui

## List of Publications by Year in descending order

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64  
papers

9,331  
citations

147801

31  
h-index

114465

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g-index

68  
all docs

68  
docs citations

68  
times ranked

19450  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Spike Protein of SARS-CoV-2 Impairs Lipid Metabolism and Increases Susceptibility to Lipotoxicity: Implication for a Role of Nrf2. <i>Cells</i> , 2022, 11, 1916.	4.1	9
2	Autophagy Controls Nrf2-Mediated Dichotomy in Pressure Overloaded Hearts. <i>Frontiers in Physiology</i> , 2021, 12, 673145.	2.8	7
3	Cullin Deneddylation Suppresses the Necroptotic Pathway in Cardiomyocytes. <i>Frontiers in Physiology</i> , 2021, 12, 690423.	2.8	5
4	Spike protein of SARS-CoV-2 activates macrophages and contributes to induction of acute lung inflammation in male mice. <i>FASEB Journal</i> , 2021, 35, e21801.	0.5	30
5	The Dark Side of Nrf2 in the Heart. <i>Frontiers in Physiology</i> , 2020, 11, 722.	2.8	54
6	An inhibitor role of Nrf2 in the regulation of myocardial senescence and dysfunction after myocardial infarction. <i>Life Sciences</i> , 2020, 259, 118199.	4.3	10
7	Autophagy Inhibition Enables Nrf2 to Exaggerate the Progression of Diabetic Cardiomyopathy in Mice. <i>Diabetes</i> , 2020, 69, 2720-2734.	0.6	66
8	The Calcineurin-TFEB-p62 Pathway Mediates the Activation of Cardiac Macroautophagy by Proteasomal Malfunction. <i>Circulation Research</i> , 2020, 127, 502-518.	4.5	73
9	CYLD exaggerates pressure overload-induced cardiomyopathy via suppressing autolysosome efflux in cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 145, 59-73.	1.9	18
10	Mature Vascular Smooth Muscle Cells, but Not Endothelial Cells, Serve as the Major Cellular Source of Intimal Hyperplasia in Vein Grafts. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 1870-1890.	2.4	23
11	Molecules from American Ginseng Suppress Colitis through Nuclear Factor Erythroid-2-Related Factor 2. <i>Nutrients</i> , 2020, 12, 1850.	4.1	9
12	Loss of Atg7 in Endothelial Cells Enhanced Cutaneous Wound Healing in a Mouse Model. <i>Journal of Surgical Research</i> , 2020, 249, 145-155.	1.6	7
13	The Role of Nrf2 in the Cardiovascular System and Atherosclerosis. <i>Agents and Actions Supplements</i> , 2020, , 97-127.	0.2	0
14	Critical role of the endogenous renin-angiotensin system in maintaining self-renewal and regeneration potential of epidermal stem cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 2647-2656.	3.8	11
15	Sulforaphane prevents angiotensin II-induced cardiomyopathy by activation of Nrf2 via stimulating the Akt/GSK-3 $\beta$ /Fyn pathway. <i>Redox Biology</i> , 2018, 15, 405-417.	9.0	140
16	Resveratrol-Mediated Attenuation of Staphylococcus aureus Enterotoxin B-Induced Acute Liver Injury Is Associated With Regulation of microRNA and Induction of Myeloid-Derived Suppressor Cells. <i>Frontiers in Microbiology</i> , 2018, 9, 2910.	3.5	15
17	Nrf2 expression and function, but not MT expression, is indispensable for sulforaphane-mediated protection against intermittent hypoxia-induced cardiomyopathy in mice. <i>Redox Biology</i> , 2018, 19, 11-21.	9.0	20
18	Autophagy modulation: a potential therapeutic approach in cardiac hypertrophy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H304-H319.	3.2	66

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19	TFEB activation protects against cardiac proteotoxicity via increasing autophagic flux. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 113, 51-62.	1.9	72
20	Intermittent hypoxia-induced cardiomyopathy and its prevention by Nrf2 and metallothionein. <i>Free Radical Biology and Medicine</i> , 2017, 112, 224-239.	2.9	37
21	Nuclear factor erythroid-2 related factor 2 Nrf2 -mediated protein quality control in cardiomyocytes. <i>Frontiers in Bioscience - Landmark</i> , 2016, 21, 192-202.	3.0	25
22	CDDO and Its Role in Chronic Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2016, 929, 291-314.	1.6	16
23	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
24	Nrf2-Mediated Cardiac Maladaptive Remodeling and Dysfunction in a Setting of Autophagy Insufficiency. <i>Hypertension</i> , 2016, 67, 107-117.	2.7	72
25	Functional states of resident vascular stem cells and vascular remodeling. <i>Frontiers in Biology</i> , 2015, 10, 387-397.	0.7	2
26	Effect of microgrooves and fibronectin conjugation on the osteoblast marker gene expression and differentiation. <i>Journal of Advanced Prosthodontics</i> , 2015, 7, 496.	2.6	4
27	Identifying panaxynol, a natural activator of nuclear factor erythroid-2 related factor 2 (Nrf2) from American ginseng as a suppressor of inflamed macrophage-induced cardiomyocyte hypertrophy. <i>Journal of Ethnopharmacology</i> , 2015, 168, 326-336.	4.1	29
28	Deubiquitinating enzyme CYLD mediates pressure overload-induced cardiac maladaptive remodeling and dysfunction via downregulating Nrf2. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 84, 143-153.	1.9	43
29	A critical role of cardiac fibroblast-derived exosomes in activating renin angiotensin system in cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 89, 268-279.	1.9	161
30	Inhibitory role of reactive oxygen species in the differentiation of multipotent vascular stem cells into vascular smooth muscle cells in rats: a novel aspect of traditional culture of rat aortic smooth muscle cells. <i>Cell and Tissue Research</i> , 2015, 362, 97-113.	2.9	7
31	PINK1-Parkin-Mediated Mitophagy Protects Mitochondrial Integrity and Prevents Metabolic Stress-Induced Endothelial Injury. <i>PLoS ONE</i> , 2015, 10, e0132499.	2.5	100
32	CYLD-Mediated Signaling and Diseases. <i>Current Drug Targets</i> , 2015, 16, 284-294.	2.1	74
33	Irisin Promotes Human Umbilical Vein Endothelial Cell Proliferation through the ERK Signaling Pathway and Partly Suppresses High Glucose-Induced Apoptosis. <i>PLoS ONE</i> , 2014, 9, e110273.	2.5	99
34	Nrf2 Deficiency Exaggerates Doxorubicin-Induced Cardiotoxicity and Cardiac Dysfunction. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-15.	4.0	138
35	Nrf2 enhances myocardial clearance of toxic ubiquitinated proteins. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 72, 305-315.	1.9	53
36	Irisin Stimulates Browning of White Adipocytes Through Mitogen-Activated Protein Kinase p38 MAP Kinase and ERK MAP Kinase Signaling. <i>Diabetes</i> , 2014, 63, 514-525.	0.6	566

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37	High level expression, efficient purification, and bioactivity of recombinant human metallothionein 3 (rhMT3) from methylotrophic yeast <i>Pichia pastoris</i> . <i>Protein Expression and Purification</i> , 2014, 101, 121-126.	1.3	5
38	Dihydro-CDDO-trifluoroethyl amide suppresses inflammatory responses in macrophages via activation of Nrf2. <i>Biochemical and Biophysical Research Communications</i> , 2014, 444, 555-561.	2.1	20
39	Expression of recombinant human IL-4 in <i>Pichia pastoris</i> and relationship between its glycosylation and biological activity. <i>Protein Expression and Purification</i> , 2014, 96, 1-7.	1.3	12
40	Targeting Nrf2 by dihydro-CDDO-trifluoroethyl amide enhances autophagic clearance and viability of $\beta$ 2 cells in a setting of oxidative stress. <i>FEBS Letters</i> , 2014, 588, 2115-2124.	2.8	28
41	Degradation of AF1Q by chaperone-mediated autophagy. <i>Experimental Cell Research</i> , 2014, 327, 48-56.	2.6	26
42	Ubiquitin Carboxyl Terminal Hydrolyase L1 -Suppressed Autophagic Degradation of p21WAF1/Cip1 as a Novel Feedback Mechanism in the Control of Cardiac Fibroblast Proliferation. <i>PLoS ONE</i> , 2014, 9, e94658.	2.5	14
43	Prevention by sulforaphane of diabetic cardiomyopathy is associated with up-regulation of Nrf2 expression and transcription activation. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 57, 82-95.	1.9	234
44	Preparation of lactose-free pasteurized milk with a recombinant thermostable $\beta$ -glucosidase from <i>Pyrococcus furiosus</i> . <i>BMC Biotechnology</i> , 2013, 13, 73.	3.3	27
45	Impact of a Combined High Cholesterol Diet and High Glucose Environment on Vasculature. <i>PLoS ONE</i> , 2013, 8, e81485.	2.5	15
46	A pro-inflammatory role of deubiquitinating enzyme cylindromatosis (CYLD) in vascular smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2012, 420, 78-83.	2.1	19
47	American ginseng inhibits vascular smooth muscle cell proliferation via suppressing Jak/Stat pathway. <i>Journal of Ethnopharmacology</i> , 2012, 144, 782-785.	4.1	13
48	Triterpenoid Dihydro-CDDO-Trifluoroethyl Amide Protects against Maladaptive Cardiac Remodeling and Dysfunction in Mice: A Critical Role of Nrf2. <i>PLoS ONE</i> , 2012, 7, e44899.	2.5	55
49	Diabetic Downregulation of Nrf2 Activity via ERK Contributes to Oxidative Stress-Induced Insulin Resistance in Cardiac Cells In Vitro and In Vivo. <i>Diabetes</i> , 2011, 60, 625-633.	0.6	331
50	Up-regulation of p27kip1 contributes to Nrf2-mediated protection against angiotensin II-induced cardiac hypertrophy. <i>Cardiovascular Research</i> , 2011, 90, 315-324.	3.8	85
51	An essential role of Nrf2 in American ginseng-mediated anti-oxidative actions in cardiomyocytes. <i>Journal of Ethnopharmacology</i> , 2010, 130, 222-230.	4.1	62
52	Ubiquitin carboxyl terminal hydrolase L1 negatively regulates TNF $\alpha$ -mediated vascular smooth muscle cell proliferation via suppressing ERK activation. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 852-856.	2.1	22
53	Nrf2 Protects Against Maladaptive Cardiac Responses to Hemodynamic Stress. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 1843-1850.	2.4	224
54	An emerging role of deubiquitinating enzyme cylindromatosis (CYLD) in the tubulointerstitial inflammation of IgA nephropathy. <i>Biochemical and Biophysical Research Communications</i> , 2009, 390, 307-312.	2.1	14

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55	American ginseng preferentially suppresses STAT/iNOS signaling in activated macrophages. <i>Journal of Ethnopharmacology</i> , 2009, 125, 145-150.	4.1	35
56	Targeting the Nrf2 pathway against cardiovascular disease. <i>Expert Opinion on Therapeutic Targets</i> , 2009, 13, 785-794.	3.4	153
57	Dihydro-CDDO-Trifluoroethyl Amide (dh404), a Novel Nrf2 Activator, Suppresses Oxidative Stress in Cardiomyocytes. <i>PLoS ONE</i> , 2009, 4, e8391.	2.5	94
58	Nitroalkenes Suppress Lipopolysaccharide-Induced Signal Transducer and Activator of Transcription Signaling in Macrophages: A Critical Role of Mitogen-Activated Protein Kinase Phosphatase 1. <i>Endocrinology</i> , 2008, 149, 4086-4094.	2.8	66
59	Rad GTPase Deficiency Leads to Cardiac Hypertrophy. <i>Circulation</i> , 2007, 116, 2976-2983.	1.6	105
60	Nitro-linoleic acid inhibits vascular smooth muscle cell proliferation via the Keap1/Nrf2 signaling pathway. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H770-H776.	3.2	133
61	Transplantation of Human Undifferentiated Embryonic Stem Cells into A Myocardial Infarction Rat Model. <i>Stem Cells and Development</i> , 2007, 16, 25-30.	2.1	31
62	Nitrated Fatty Acids: Endogenous Anti-inflammatory Signaling Mediators*. <i>Journal of Biological Chemistry</i> , 2006, 281, 35686-35698.	3.4	318
63	Nitrolinoleic acid: An endogenous peroxisome proliferator-activated receptor $\alpha$ ligand. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 2340-2345.	7.1	400
64	Impaired expression of PPAR $\delta$ protein contributes to the exaggerated growth of vascular smooth muscle cells in spontaneously hypertensive rats. <i>Life Sciences</i> , 2005, 77, 3037-3048.	4.3	15