

# Tao Jiang

## List of Publications by Year in descending order

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41  
papers

5,155  
citations

218677

26  
h-index

254184

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45  
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45  
docs citations

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times ranked

7868  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Noncanonical Mechanism of Nrf2 Activation by Autophagy Deficiency: Direct Interaction between Keap1 and p62. <i>Molecular and Cellular Biology</i> , 2010, 30, 3275-3285.	2.3	717
2	Direct Interaction between Nrf2 and p21Cip1/WAF1 Upregulates the Nrf2-Mediated Antioxidant Response. <i>Molecular Cell</i> , 2009, 34, 663-673.	9.7	544
3	Brusatol enhances the efficacy of chemotherapy by inhibiting the Nrf2-mediated defense mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 1433-1438.	7.1	543
4	p62 links autophagy and Nrf2 signaling. <i>Free Radical Biology and Medicine</i> , 2015, 88, 199-204.	2.9	437
5	The Protective Role of Nrf2 in Streptozotocin-Induced Diabetic Nephropathy. <i>Diabetes</i> , 2010, 59, 850-860.	0.6	383
6	Synthesis, Structure-Activity Relationships, and in Vivo Efficacy of the Novel Potent and Selective Anaplastic Lymphoma Kinase (ALK) Inhibitor 5-Chloro-N-(2-(2-isopropoxy-5-methyl-4-(piperidin-4-yl)phenyl)-N-(4-(2-(isopropylsulfonyl)phenyl)pyrimidin-2,4-diamino) (LDK378) Currently in Phase 1 and Phase 2 Clinical Trials. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 5675-5690.	1.4	206
7	High Levels of Nrf2 Determine Chemoresistance in Type II Endometrial Cancer. <i>Cancer Research</i> , 2010, 70, 5486-5496.	0.9	251
8	Design, synthesis and biological evaluations of novel oxindoles as HIV-1 non-nucleoside reverse transcriptase inhibitors. Part I. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 2105-2108.	2.2	228
9	Nrf2 suppresses lupus nephritis through inhibition of oxidative injury and the NF- $\kappa$ B-mediated inflammatory response. <i>Kidney International</i> , 2014, 85, 333-343.	5.2	190
10	An Essential Role of NRF2 in Diabetic Wound Healing. <i>Diabetes</i> , 2016, 65, 780-793.	0.6	173
11	Molecular mechanisms of Nrf2 regulation and how these influence chemical modulation for disease intervention. <i>Biochemical Society Transactions</i> , 2015, 43, 680-686.	3.4	137
12	The Cinnamon-Derived Dietary Factor Cinnamic Aldehyde Activates the Nrf2-Dependent Antioxidant Response in Human Epithelial Colon Cells. <i>Molecules</i> , 2010, 15, 3338-3355.	3.8	123
13	Nrf2 Pathway Regulates Multidrug-Resistance-Associated Protein 1 in Small Cell Lung Cancer. <i>PLoS ONE</i> , 2013, 8, e63404.	2.5	111
14	Does Nrf2 Contribute to p53-Mediated Control of Cell Survival and Death?. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 1670-1675.	5.4	87
15	Nrf2 protects against As(III)-induced damage in mouse liver and bladder. <i>Toxicology and Applied Pharmacology</i> , 2009, 240, 8-14.	2.8	86
16	A novel small-molecule PROTAC selectively promotes tau clearance to improve cognitive functions in Alzheimer-like models. <i>Theranostics</i> , 2021, 11, 5279-5295.	10.0	84
17	Posterior basolateral amygdala to ventral hippocampal CA1 drives approach behaviour to exert an anxiolytic effect. <i>Nature Communications</i> , 2020, 11, 183.	12.8	82
18	GelMA/PEGDA microneedles patch loaded with HUVECs-derived exosomes and Tazarotene promote diabetic wound healing. <i>Journal of Nanobiotechnology</i> , 2022, 20, 147.	9.1	82

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19	A Curcumin Derivative That Inhibits Vinyl Carbamate-Induced Lung Carcinogenesis <i>via</i> Activation of the Nrf2 Protective Response. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 651-664.	5.4	65
20	Nrf2-Dependent Suppression of Azoxymethane/Dextran Sulfate Sodium-Induced Colon Carcinogenesis by the Cinnamon-Derived Dietary Factor Cinnamaldehyde. <i>Cancer Prevention Research</i> , 2015, 8, 444-454.	1.5	62
21	Correlation of Nrf2, NQO1, MRP1, cmyc and p53 in colorectal cancer and their relationships to clinicopathologic features and survival. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 1124-31.	0.5	45
22	Injectable and Degradable PEG Hydrogel with Antibacterial Performance for Promoting Wound Healing. <i>ACS Applied Bio Materials</i> , 2021, 4, 2769-2780.	4.6	42
23	Aldose reductase regulates TGF $\beta$ 1-induced production of fibronectin and type IV collagen in cultured rat mesangial cells. <i>Nephrology</i> , 2006, 11, 105-112.	1.6	37
24	Nrf2 ameliorates diabetic nephropathy progression by transcriptional repression of TGF $\beta$ 1 through interactions with c-Jun and SP1. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014, 1839, 1110-1120.	1.9	37
25	Injectable and self-healing chitosan-based hydrogel with MOF-loaded $\alpha$ -lipoic acid promotes diabetic wound healing. <i>Materials Science and Engineering C</i> , 2021, 131, 112519.	7.3	35
26	Increased O-GlcNAcylation of SNAP29 Drives Arsenic-Induced Autophagic Dysfunction. <i>Molecular and Cellular Biology</i> , 2018, 38, .	2.3	31
27	The whole profiling and competing endogenous RNA network analyses of noncoding RNAs in adipose-derived stem cells from diabetic, old, and young patients. <i>Stem Cell Research and Therapy</i> , 2021, 12, 313.	5.5	28
28	NRF2 signalling pathway: New insights and progress in the field of wound healing. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 5857-5868.	3.6	27
29	The Construction and Analysis of lncRNA-miRNA-mRNA Competing Endogenous RNA Network of Schwann Cells in Diabetic Peripheral Neuropathy. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 490.	4.1	19
30	IL-6/STAT3 Signaling Promotes Cardiac Dysfunction by Upregulating FUNDC1-Dependent Mitochondria-Associated Endoplasmic Reticulum Membranes Formation in Sepsis Mice. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 790612.	2.4	16
31	Rational design of bacterial cellulose-based air filter with antibacterial activity for highly efficient particulate matters removal. <i>Nano Select</i> , 2022, 3, 201-211.	3.7	13
32	Regulation of transforming growth factor $\beta$ 1-dependent aldose reductase expression by the Nrf2 signal pathway in human mesangial cells. <i>European Journal of Cell Biology</i> , 2012, 91, 774-781.	3.6	11
33	Shikonin suppresses colon cancer cell growth and exerts synergistic effects by regulating ADAM17 and the IL-6/STAT3 signaling pathway. <i>International Journal of Oncology</i> , 2021, 59, .	3.3	11
34	Medial septum tau accumulation induces spatial memory deficit via disrupting medial septum-hippocampus cholinergic pathway. <i>Clinical and Translational Medicine</i> , 2021, 11, e428.	4.0	10
35	Design and synthesis of novel selective anaplastic lymphoma kinase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1090-1096.	2.2	9
36	A survey of chemical and pharmacological studies on <i>Solidago</i> . <i>Zhong Xi Yi Jie He Xue Bao</i> , 2006, 4, 430-435.	0.7	6

#	ARTICLE	IF	CITATIONS
37	Red/green-light emission in continuous dielectric phase transition materials: [Me <sub>3</sub> NVinyl] <sub>2</sub> [MnX <sub>4</sub> ] (X = Cl, Br). RSC Advances, 2021, 11, 2329-2336.	3.6	5
38	Targeted Reducing of Tauopathy Alleviates Epileptic Seizures and Spatial Memory Impairment in an Optogenetically Inducible Mouse Model of Epilepsy. Frontiers in Cell and Developmental Biology, 2020, 8, 633725.	3.7	5
39	Endocardial Radiofrequency Ablation vs. Septal Myectomy in Patients With Hypertrophic Obstructive Cardiomyopathy: A Systematic Review and Meta-Analysis. Frontiers in Surgery, 2022, 9, 859205.	1.4	5
40	Periphery Biomarkers for Objective Diagnosis of Cognitive Decline in Type 2 Diabetes Patients. Frontiers in Cell and Developmental Biology, 2021, 9, 752753.	3.7	2
41	CHIP Decline Is Associated With Isoflurane-Induced Neurodegeneration in Aged Mice. Frontiers in Neuroscience, 2022, 16, 824871.	2.8	0