

# Tao Xu

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

1,275  
citations

567144

15  
h-index

552653

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

2114  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular mechanisms of ferroptosis and its role in cancer therapy. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 4900-4912.	1.6	380
2	A cytosolic heat shock protein 90 and cochaperone CDC37 complex is required for RIP3 activation during necroptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5017-5022.	3.3	132
3	Biogenesis of circular <i>scp</i> RNA and their roles in cardiovascular development and pathology. <i>FEBS Journal</i> , 2018, 285, 220-232.	2.2	97
4	Fabrication and evaluation of thermosensitive chitosan/collagen/β <sub>2</sub> -glycerophosphate hydrogels for tissue regeneration. <i>Carbohydrate Polymers</i> , 2017, 167, 145-157.	5.1	83
5	ARC regulates programmed necrosis and myocardial ischemia/reperfusion injury through the inhibition of mPTP opening. <i>Redox Biology</i> , 2019, 20, 414-426.	3.9	76
6	Parkin Regulates Programmed Necrosis and Myocardial Ischemia/Reperfusion Injury by Targeting Cyclophilin-D. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 1177-1193.	2.5	72
7	Oxidative Stress in Cell Death and Cardiovascular Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	1.9	71
8	Baicalein attenuates cardiac hypertrophy in mice via suppressing oxidative stress and activating autophagy in cardiomyocytes. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 701-714.	2.8	57
9	miR-499-5p Attenuates Mitochondrial Fission and Cell Apoptosis via p21 in Doxorubicin Cardiotoxicity. <i>Frontiers in Genetics</i> , 2018, 9, 734.	1.1	48
10	Preparation, characterization, and evaluation of 3,6-O-N-acetylene diamine modified chitosan as potential antimicrobial wound dressing material. <i>Carbohydrate Polymers</i> , 2018, 180, 1-12.	5.1	38
11	P-selectin Cross-links PSGL-1 and Enhances Neutrophil Adhesion to Fibrinogen and ICAM-1 in a Src Kinase-Dependent, but GPCR-Independent Mechanism. <i>Cell Adhesion and Migration</i> , 2007, 1, 115-123.	1.1	36
12	MicroRNA-31-5p attenuates doxorubicin-induced cardiotoxicity via quaking and circular RNA Pan3. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 140, 56-67.	0.9	32
13	Mutation of <i>kri1l</i> causes definitive hematopoiesis failure via PERK-dependent excessive autophagy induction. <i>Cell Research</i> , 2015, 25, 946-962.	5.7	30
14	Crosstalk between MicroRNAs and Peroxisome Proliferator-Activated Receptors and Their Emerging Regulatory Roles in Cardiovascular Pathophysiology. <i>PPAR Research</i> , 2018, 2018, 1-11.	1.1	23
15	TopBP1 Governs Hematopoietic Stem/Progenitor Cells Survival in Zebrafish Definitive Hematopoiesis. <i>PLoS Genetics</i> , 2015, 11, e1005346.	1.5	21
16	Increased Dynamin-Related Protein 1-Dependent Mitochondrial Fission Contributes to High-Fat-Diet-Induced Cardiac Dysfunction and Insulin Resistance by Elevating Tafazzin in Mouse Hearts. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1801322.	1.5	13
17	Molecular mechanism and therapy application of necrosis during myocardial injury. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2547-2557.	1.6	12
18	Interleukin-8/β-catenin mediates epithelial-mesenchymal transition in ameloblastoma. <i>Oral Diseases</i> , 2019, 25, 1964-1971.	1.5	12

#	ARTICLE	IF	CITATIONS
19	Adaptive Disturbance Attenuation Control of Two Tank Liquid Level System With Uncertain Parameters Based on Port-Controlled Hamiltonian. <i>IEEE Access</i> , 2020, 8, 47384-47392.	2.6	11
20	Function and regulation of mitofusin 2 in cardiovascular physiology and pathology. <i>European Journal of Cell Biology</i> , 2018, 97, 474-482.	1.6	10
21	Baicalein protects cardiomyocytes from oxidative stress induced programmed necrosis by stabilizing carboxyl terminus of Hsc70-interacting protein. <i>International Journal of Cardiology</i> , 2020, 311, 83-90.	0.8	7
22	The role of mitochondrial fusion and fission in the process of cardiac oxidative stress. <i>Histology and Histopathology</i> , 2020, 35, 541-552.	0.5	6
23	Comparison of the efficacy of different periodic periodontal scaling protocols for oral hygiene in adolescents with fixed orthodontic appliances: A prospective cohort study. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2021, 159, 435-442.	0.8	3
24	Finite-Time Control for a Coupled Four-Tank Liquid Level System Based on the Port-Controlled Hamiltonian Method. <i>Complexity</i> , 2020, 2020, 1-14.	0.9	2
25	Disturbance Observer-Based Integral Backstepping Control for a Two-Tank Liquid Level System Subject to External Disturbances. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-22.	0.6	2