

# Tao Luo

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

697  
citations

516561

16  
h-index

677027

22  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1286  
citing authors

#	ARTICLE	IF	CITATIONS
1	Histamine H2 receptor activation exacerbates myocardial ischemia/reperfusion injury by disturbing mitochondrial and endothelial function. <i>Basic Research in Cardiology</i> , 2013, 108, 342.	2.5	77
2	The Role of Estrogen and Estrogen Receptors on Cardiomyocytes: An Overview. <i>Canadian Journal of Cardiology</i> , 2016, 32, 1017-1025.	0.8	71
3	4-PBA prevents pressure overload-induced myocardial hypertrophy and interstitial fibrosis by attenuating endoplasmic reticulum stress. <i>Chemico-Biological Interactions</i> , 2015, 242, 99-106.	1.7	65
4	Attenuation of ER stress prevents post-infarction-induced cardiac rupture and remodeling by modulating both cardiac apoptosis and fibrosis. <i>Chemico-Biological Interactions</i> , 2015, 225, 90-98.	1.7	65
5	Disruption of histamine H2 receptor slows heart failure progression through reducing myocardial apoptosis and fibrosis. <i>Clinical Science</i> , 2014, 127, 435-448.	1.8	51
6	Propofol Dose-Dependently Reduces Tumor Necrosis Factor- $\alpha$ -Induced Human Umbilical Vein Endothelial Cell Apoptosis: Effects on Bcl-2 and Bax Expression and Nitric Oxide Generation. <i>Anesthesia and Analgesia</i> , 2005, 100, 1653-1659.	1.1	50
7	Trimetazidine Protects Cardiomyocytes Against Hypoxia/Reoxygenation Injury by Promoting AMP-activated Protein Kinase $\alpha$ -dependent Autophagic Flux. <i>Journal of Cardiovascular Pharmacology</i> , 2017, 69, 389-397.	0.8	33
8	Puerarin attenuates myocardial hypoxia/reoxygenation injury by inhibiting autophagy via the Akt signaling pathway. <i>Molecular Medicine Reports</i> , 2017, 15, 3747-3754.	1.1	31
9	Clinical outcomes for COVID-19 patients with diabetes mellitus treated with convalescent plasma transfusion in Wuhan, China. <i>Journal of Medical Virology</i> , 2021, 93, 2321-2331.	2.5	31
10	Estrogen Protects the Female Heart from Ischemia/Reperfusion Injury through Manganese Superoxide Dismutase Phosphorylation by Mitochondrial p38 $\beta$ at Threonine 79 and Serine 106. <i>PLoS ONE</i> , 2016, 11, e0167761.	1.1	28
11	Lipin1 Regulates Skeletal Muscle Differentiation through Extracellular Signal-regulated Kinase (ERK) Activation and Cyclin D Complex-regulated Cell Cycle Withdrawal. <i>Journal of Biological Chemistry</i> , 2015, 290, 23646-23655.	1.6	27
12	Histone Deacetylase Inhibitor Phenylbutyrate Exaggerates Heart Failure in Pressure Overloaded Mice independently of HDAC inhibition. <i>Scientific Reports</i> , 2016, 6, 34036.	1.6	27
13	CB1 cannabinoid receptor deficiency promotes cardiac remodeling induced by pressure overload in mice. <i>International Journal of Cardiology</i> , 2013, 167, 1936-1944.	0.8	25
14	Baicalin pretreatment protects against myocardial ischemia/reperfusion injury by inhibiting mitochondrial damage-mediated apoptosis. <i>International Journal of Cardiology</i> , 2013, 168, 4343-4345.	0.8	24
15	Upregulated IL-6 Indicates a Poor COVID-19 Prognosis: A Call for Tocilizumab and Convalescent Plasma Treatment. <i>Frontiers in Immunology</i> , 2021, 12, 598799.	2.2	24
16	A novel primary culture method for high-purity satellite glial cells derived from rat dorsal root ganglion. <i>Neural Regeneration Research</i> , 2019, 14, 339.	1.6	19
17	Clinical efficacy of convalescent plasma therapy on treating COVID-19 patients: Evidence from matched study and a meta-analysis. <i>Clinical and Translational Medicine</i> , 2020, 10, e259.	1.7	18
18	Effect of Cadmium Ion on alpha-Glucosidase: An Inhibition Kinetics and Molecular Dynamics Simulation Integration Study. <i>Protein Journal</i> , 2016, 35, 218-224.	0.7	10

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19	miR-20a-5p contributes to osteogenic differentiation of human dental pulp stem cells by regulating BAMBI and activating the phosphorylation of Smad5 and p38. <i>Stem Cell Research and Therapy</i> , 2021, 12, 421.	2.4	10
20	A Novel Role of Claudin-5 in Prevention of Mitochondrial Fission Against Ischemic/Hypoxic Stress in Cardiomyocytes. <i>Canadian Journal of Cardiology</i> , 2021, 37, 1593-1606.	0.8	8
21	Efficacy and Safety of Tocilizumab Treatment COVID-19 Patients: A Case-Control Study and Meta-Analysis. <i>Infectious Diseases and Therapy</i> , 2021, 10, 1677-1698.	1.8	2
22	Abstract 30: 4-PBA Prevents TAC-induced Myocardial Hypertrophy and Interstitial Fibrosis by Attenuating ER Stress in Mice. <i>Circulation Research</i> , 2015, 117, .	2.0	0
23	Abstract 446: Estrogen and Estrogen Receptor Protect the Female Heart From Ischemia/reperfusion Injury by Increasing the Activity of Mitochondrial p38 <sup>β</sup> and MnSOD. <i>Circulation Research</i> , 2016, 119, .	2.0	0