

# Min Xie

## List of Publications by Year in descending order

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42  
papers

6,019  
citations

186265

28  
h-index

265206

42  
g-index

43  
all docs

43  
docs citations

43  
times ranked

9934  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	9.1	10
2	Pathological Ventricular Remodeling. <i>Circulation</i> , 2013, 128, 388-400.	1.6	607
3	The p38 MAPK pathway is essential for skeletogenesis and bone homeostasis in mice. <i>Journal of Clinical Investigation</i> , 2010, 120, 2457-2473.	8.2	343
4	A pivotal role for endogenous TGF-beta-activated kinase-1 in the LKB1/AMP-activated protein kinase energy-sensor pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 17378-17383.	7.1	321
5	Doxorubicin Blocks Cardiomyocyte Autophagic Flux by Inhibiting Lysosome Acidification. <i>Circulation</i> , 2016, 133, 1668-1687.	1.6	316
6	Histone Deacetylase Inhibition Blunts Ischemia/Reperfusion Injury by Inducing Cardiomyocyte Autophagy. <i>Circulation</i> , 2014, 129, 1139-1151.	1.6	291
7	The kinase TAK1 integrates antigen and cytokine receptor signaling for T cell development, survival and function. <i>Nature Immunology</i> , 2006, 7, 851-858.	14.5	235
8	Activation and function of cyclin Tâ€“Cdk9 (positive transcription elongation factor-b) in cardiac muscle-cell hypertrophy. <i>Nature Medicine</i> , 2002, 8, 1310-1317.	30.7	226
9	Activation of Rho-associated coiled-coil protein kinase 1 (ROCK-1) by caspase-3 cleavage plays an essential role in cardiac myocyte apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 14495-14500.	7.1	205
10	Functional and genetic analysis of viral receptor ACE2 orthologs reveals a broad potential host range of SARS-CoV-2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	168
11	Circulating myocardial microRNAs from infarcted hearts are carried in exosomes and mobilise bone marrow progenitor cells. <i>Nature Communications</i> , 2019, 10, 959.	12.8	147
12	Activation of cardiac Cdk9 represses PGC-1 and confers a predisposition to heart failure. <i>EMBO Journal</i> , 2004, 23, 3559-3569.	7.8	145
13	Lysine 63-linked Polyubiquitination of TAK1 at Lysine 158 Is Required for Tumor Necrosis Factor Î±- and Interleukin-1Î²-induced IKK/NF-Î²B and JNK/AP-1 Activation. <i>Journal of Biological Chemistry</i> , 2010, 285, 5347-5360.	3.4	145
14	Essential role of TAK1 in thymocyte development and activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 11677-11682.	7.1	140
15	Pathological Ventricular Remodeling. <i>Circulation</i> , 2013, 128, 1021-1030.	1.6	126
16	TAK1 is an essential regulator of BMP signalling in cartilage. <i>EMBO Journal</i> , 2009, 28, 2028-2041.	7.8	124
17	Microtubules Regulate Focal Adhesion Dynamics through MAP4K4. <i>Developmental Cell</i> , 2014, 31, 572-585.	7.0	96
18	Phosphorylation of Thr-178 and Thr-184 in the TAK1 T-loop Is Required for Interleukin (IL)-1-mediated Optimal NFÎ²B and AP-1 Activation as Well as IL-6 Gene Expression. <i>Journal of Biological Chemistry</i> , 2008, 283, 24497-24505.	3.4	94

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19	TGF- $\beta$ 1-activated kinase-1 regulates inflammation and fibrosis in the obstructed kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 300, F1410-F1421.	2.7	92
20	HDAC-dependent ventricular remodeling. <i>Trends in Cardiovascular Medicine</i> , 2013, 23, 229-235.	4.9	87
21	TAK1 Is Essential for Osteoclast Differentiation and Is an Important Modulator of Cell Death by Apoptosis and Necroptosis. <i>Molecular and Cellular Biology</i> , 2013, 33, 582-595.	2.3	86
22	Tuning flux: autophagy as a target of heart disease therapy. <i>Current Opinion in Cardiology</i> , 2011, 26, 216-222.	1.8	81
23	HGK/MAP4K4 deficiency induces TRAF2 stabilization and Th17 differentiation leading to insulin resistance. <i>Nature Communications</i> , 2014, 5, 4602.	12.8	76
24	MAP4K4 Inhibition Promotes Survival of Human Stem Cell-Derived Cardiomyocytes and Reduces Infarct Size In Vivo. <i>Cell Stem Cell</i> , 2019, 24, 579-591.e12.	11.1	66
25	Cyclin D2 Overexpression Enhances the Efficacy of Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes for Myocardial Repair in a Swine Model of Myocardial Infarction. <i>Circulation</i> , 2021, 144, 210-228.	1.6	61
26	Magneto-Trois 1 Is Critical for the Transcriptional Function of PPAR $\beta$ Coactivator 1. <i>Cell Metabolism</i> , 2007, 5, 129-142.	16.2	56
27	HDAC inhibition induces autophagy and mitochondrial biogenesis to maintain mitochondrial homeostasis during cardiac ischemia/reperfusion injury. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 130, 36-48.	1.9	53
28	Deletion of TAK1 in the Myeloid Lineage Results in the Spontaneous Development of Myelomonocytic Leukemia in Mice. <i>PLoS ONE</i> , 2012, 7, e51228.	2.5	31
29	Branched chain amino acids selectively promote cardiac growth at the end of the awake period. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 157, 31-44.	1.9	29
30	Activation of Autophagic Flux Blunts Cardiac Ischemia/Reperfusion Injury. <i>Circulation Research</i> , 2021, 129, 435-450.	4.5	28
31	Perimyocarditis following first dose of the mRNA-1273 SARS-CoV-2 (Moderna) vaccine in a healthy young male: a case report. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 375.	1.7	24
32	Ablation of Tak1 in osteoclast progenitor leads to defects in skeletal growth and bone remodeling in mice. <i>Scientific Reports</i> , 2014, 4, 7158.	3.3	20
33	Beta-Hydroxybutyrate, Friend or Foe for Stressed Hearts. <i>Frontiers in Aging</i> , 2021, 2, .	2.6	20
34	HDAC inhibition as a therapeutic strategy in myocardial ischemia/reperfusion injury. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 129, 188-192.	1.9	19
35	miR-486 is essential for muscle function and suppresses a dystrophic transcriptome. <i>Life Science Alliance</i> , 2022, 5, e202101215.	2.8	10
36	Investigation into the difference in mitochondrial-cytosolic calcium coupling between adult cardiomyocyte and hiPSC-CM using a novel multifunctional genetic probe. <i>Pflügers Archiv European Journal of Physiology</i> , 2021, 473, 447-459.	2.8	5

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37	Activation of Autophagic Flux Maintains Mitochondrial Homeostasis during Cardiac Ischemia/Reperfusion Injury. <i>Cells</i> , 2022, 11, 2111.	4.1	5
38	Do Various Treatment Modalities of Vesicoureteral Reflux Have Any Adverse Effects in Pediatric Patients? A Meta-Analysis. <i>Urologia Internationalis</i> , 2021, 105, 1002-1010.	1.3	2
39	Abstract 1949: The Protein Kinase MAP4K4 Is Activated in Failing Human Hearts and Mediates Cardiomyocyte Apoptosis in Experimental Models, in vitro and in vivo. <i>Circulation</i> , 2007, 116, .	1.6	1
40	Cardiac Autophagy and Its Regulation by Reversible Protein Acetylation. <i>Cardiac and Vascular Biology</i> , 2016, , 231-262.	0.2	1
41	Relation of Cardiorenal Syndrome to Mitral and Tricuspid Regurgitation in Acute Decompensated Heart Failure. <i>American Journal of Cardiology</i> , 2022, 168, 99-104.	1.6	1
42	Early Life Stress and Heart Function in the Pristane-Induced Model of Systemic Lupus Erythematosus (SLE) in Mice. <i>FASEB Journal</i> , 2022, 36, .	0.5	0