

# Jiang Tian

## List of Publications by Year in descending order

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47  
papers

2,602  
citations

201658

27  
h-index

233409

45  
g-index

47  
all docs

47  
docs citations

47  
times ranked

2291  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiac Oxidative Signaling and Physiological Hypertrophy in the Na/K-ATPase $\beta_1$ Mouse Model of High Affinity for Cardiotonic Steroids. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3462.	4.1	8
2	The Na/K-ATPase Signaling and SGLT2 Inhibitor-Mediated Cardiorenal Protection: A Crossed Road?. <i>Journal of Membrane Biology</i> , 2021, 254, 513-529.	2.1	7
3	Epithelial and Endothelial Adhesion of Immune Cells Is Enhanced by Cardiotonic Steroid Signaling Through Na <sup>+</sup> /K <sup>+</sup> -ATPase $\beta_1$ . <i>Journal of the American Heart Association</i> , 2020, 9, e013933.	3.7	9
4	IL-10 provides cardioprotection in diabetic myocardial infarction via upregulation of Heme clearance pathways. <i>JCI Insight</i> , 2020, 5, .	5.0	19
5	A strategic expression method of miR-29b and its anti-fibrotic effect based on RNA-sequencing analysis. <i>PLoS ONE</i> , 2020, 15, e0244065.	2.5	8
6	Proinflammatory Effects of Cardiotonic Steroids Mediated by NKA $\beta_1$ (Na <sup>+</sup> /K <sup>+</sup> -ATPase $\beta_1$ )/Src Complex in Renal Epithelial Cells and Immune Cells. <i>Hypertension</i> , 2019, 74, 73-82.	2.7	7
7	The Effect of Electronic-Cigarette Vaping on Cardiac Function and Angiogenesis in Mice. <i>Scientific Reports</i> , 2019, 9, 4085.	3.3	51
8	Na/K-ATPase/src complex mediates regulation of CD40 in renal parenchyma. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 1138-1149.	0.7	15
9	Characterization of a Long Non-Coding RNA, the Antisense RNA of Na/K-ATPase $\beta_1$ in Human Kidney Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2123.	4.1	2
10	Cardiotonic Steroids and the Sodium Trade Balance: New Insights into Trade-Off Mechanisms Mediated by the Na <sup>+</sup> /K <sup>+</sup> -ATPase. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2576.	4.1	32
11	Na/K-ATPase signaling mediates miR-29b-3p regulation and cardiac fibrosis formation in mice with chronic kidney disease. <i>PLoS ONE</i> , 2018, 13, e0197688.	2.5	36
12	Chronic inhalation of e-cigarette vapor containing nicotine disrupts airway barrier function and induces systemic inflammation and multiorgan fibrosis in mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 314, R834-R847.	1.8	152
13	Circulating CD40 and sCD40L Predict Changes in Renal Function in Subjects with Chronic Kidney Disease. <i>Scientific Reports</i> , 2017, 7, 7942.	3.3	15
14	Targeted disruption of Cd40 in a genetically hypertensive rat model attenuates renal fibrosis and proteinuria, independent of blood pressure. <i>Kidney International</i> , 2017, 91, 365-374.	5.2	14
15	Cigarette smoking and cardio-renal events in patients with atherosclerotic renal artery stenosis. <i>PLoS ONE</i> , 2017, 12, e0173562.	2.5	11
16	MicroRNA profiling in kidney disease: Plasma versus plasma-derived exosomes. <i>Gene</i> , 2017, 627, 1-8.	2.2	52
17	Cigarette smoking causes epigenetic changes associated with cardiorenal fibrosis. <i>Physiological Genomics</i> , 2016, 48, 950-960.	2.3	21
18	Protein Carbonylation of an Amino Acid Residue of the Na/K-ATPase $\beta_1$ Subunit Determines Na/K-ATPase Signaling and Sodium Transport in Renal Proximal Tubular Cells. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	32

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19	Rapamycin Attenuates Cardiac Fibrosis in Experimental Uremic Cardiomyopathy by Reducing Marinobufagenin Levels and Inhibiting Downstream Pro-Fibrotic Signaling. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	33
20	An alternative empirical likelihood method in missing response problems and causal inference. <i>Statistics in Medicine</i> , 2016, 35, 5009-5028.	1.6	3
21	Attenuation of Na/K-ATPase Mediated Oxidant Amplification with pNaKtide Ameliorates Experimental Uremic Cardiomyopathy. <i>Scientific Reports</i> , 2016, 6, 34592.	3.3	51
22	Hiding inside? Intracellular expression of non-glycosylated c-kit protein in cardiac progenitor cells. <i>Stem Cell Research</i> , 2016, 16, 795-806.	0.7	8
23	Na/K-ATPase signaling regulates collagen synthesis through microRNA-29b-3p in cardiac fibroblasts. <i>Physiological Genomics</i> , 2016, 48, 220-229.	2.3	47
24	Reduction of Na/K-ATPase affects cardiac remodeling and increases c-kit cell abundance in partial nephrectomized mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H1631-H1643.	3.2	23
25	Passive Immunization Against Marinobufagenin Attenuates Renal Fibrosis and Improves Renal Function in Experimental Renal Disease. <i>American Journal of Hypertension</i> , 2014, 27, 603-609.	2.0	32
26	Involvement of Na/K-ATPase in hydrogen peroxide-induced activation of the Src/ERK pathway in LLC-PK1 cells. <i>Free Radical Biology and Medicine</i> , 2014, 71, 415-426.	2.9	54
27	Effects of Na/K-ATPase and its ligands on bone marrow stromal cell differentiation. <i>Stem Cell Research</i> , 2014, 13, 12-23.	0.7	23
28	Involvement of Reactive Oxygen Species in a Feed-forward Mechanism of Na/K-ATPase-mediated Signaling Transduction. <i>Journal of Biological Chemistry</i> , 2013, 288, 34249-34258.	3.4	85
29	Gender differences in the development of uremic cardiomyopathy following partial nephrectomy: Role of progesterone. <i>Journal of Hypertension: Open Access</i> , 2013, 02, .	0.2	9
30	Na/K-ATPase in Bone Marrow Derived Stromal Cells. <i>FASEB Journal</i> , 2013, 27, 726.8.	0.5	0
31	Effects of Na/K-ATPase on cardiac remodeling and regeneration in partial nephrectomized mice. <i>FASEB Journal</i> , 2013, 27, 726.5.	0.5	0
32	Reduction of Na/K-ATPase Potentiates Marinobufagenin-induced Cardiac Dysfunction and Myocyte Apoptosis. <i>Journal of Biological Chemistry</i> , 2012, 287, 16390-16398.	3.4	37
33	Na/K-ATPase Mimetic pNaKtide Peptide Inhibits the Growth of Human Cancer Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 32394-32403.	3.4	80
34	Renal Ischemia Regulates Marinobufagenin Release in Humans. <i>Hypertension</i> , 2010, 56, 914-919.	2.7	38
35	Changes in Sodium Pump Expression Dictate the Effects of Ouabain on Cell Growth. <i>Journal of Biological Chemistry</i> , 2009, 284, 14921-14929.	3.4	105
36	Spironolactone Attenuates Experimental Uremic Cardiomyopathy by Antagonizing Marinobufagenin. <i>Hypertension</i> , 2009, 54, 1313-1320.	2.7	84

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37	NaKtide, a Na/K-ATPase-derived Peptide Src Inhibitor, Antagonizes Ouabain-activated Signal Transduction in Cultured Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 21066-21076.	3.4	122
38	Partial nephrectomy as a model for uremic cardiomyopathy in the mouse. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, F450-F454.	2.7	96
39	The Na-K-ATPase and Calcium-Signaling Microdomains. <i>Physiology</i> , 2008, 23, 205-211.	3.1	100
40	Identification of a Pool of Non-pumping Na/K-ATPase. <i>Journal of Biological Chemistry</i> , 2007, 282, 10585-10593.	3.4	213
41	Binding of Src to Na <sup>+</sup> /K <sup>+</sup> -ATPase Forms a Functional Signaling Complex. <i>Molecular Biology of the Cell</i> , 2006, 17, 317-326.	2.1	310
42	Functional Characterization of Src-interacting Na/K-ATPase Using RNA Interference Assay. <i>Journal of Biological Chemistry</i> , 2006, 281, 19709-19719.	3.4	139
43	Title is missing!. <i>Molecular and Cellular Biochemistry</i> , 2003, 242, 181-187.	3.1	68
44	Involvement of mitogen-activated protein kinases and reactive oxygen species in the inotropic action of ouabain on cardiac myocytes. A potential role for mitochondrial K(ATP) channels. <i>Molecular and Cellular Biochemistry</i> , 2003, 242, 181-7.	3.1	35
45	Src-mediated Inter-receptor Cross-talk between the Na <sup>+</sup> /K <sup>+</sup> -ATPase and the Epidermal Growth Factor Receptor Relays the Signal from Ouabain to Mitogen-activated Protein Kinases. <i>Journal of Biological Chemistry</i> , 2002, 277, 18694-18702.	3.4	251
46	Effects of uremic serum on isolated cardiac myocyte calcium cycling and contractile function.. <i>Kidney International</i> , 2001, 60, 2367-2376.	5.2	43
47	Regulation of Na/K-ATPase beta1-subunit gene expression by ouabain and other hypertrophic stimuli in neonatal rat cardiac myocytes. <i>Molecular and Cellular Biochemistry</i> , 2000, 215, 65-72.	3.1	22