

# Si-Tse Jiang

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,693  
citations

279798

23  
h-index

289244

40  
g-index

41  
all docs

41  
docs citations

41  
times ranked

3470  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cul3-KLHL20 Ubiquitin Ligase Governs the Turnover of ULK1 and VPS34 Complexes to Control Autophagy Termination. <i>Molecular Cell</i> , 2016, 61, 84-97.	9.7	185
2	TDP43, a neurodegenerative pathogenesis factor, is essential for early mouse embryogenesis. <i>Genesis</i> , 2010, 48, 56-62.	1.6	183
3	Impaired phosphorylation of Na <sup>+</sup> -K <sup>+</sup> -2Cl <sup>-</sup> cotransporter by oxidative stress-responsive kinase-1 deficiency manifests hypotension and Bartter-like syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 17538-17543.	7.1	122
4	Sarm1, a negative regulator of innate immunity, interacts with syndecan-2 and regulates neuronal morphology. <i>Journal of Cell Biology</i> , 2011, 193, 769-784.	5.2	120
5	Defining a Link with Autosomal-Dominant Polycystic Kidney Disease in Mice with Congenitally Low Expression of Pkd1. <i>American Journal of Pathology</i> , 2006, 168, 205-220.	3.8	112
6	Bcl-2 overexpression prevents apoptosis-induced Madin-Darby canine kidney simple epithelial cyst formation. <i>Kidney International</i> , 1999, 55, 168-178.	5.2	79
7	Involvement of Focal Adhesion Kinase in Hepatocyte Growth Factor-induced Scatter of Madin-Darby Canine Kidney Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 7474-7480.	3.4	74
8	Targeted disruption of Nphp1 causes male infertility due to defects in the later steps of sperm morphogenesis in mice. <i>Human Molecular Genetics</i> , 2008, 17, 3368-3379.	2.9	68
9	Essential role of nephrocystin in photoreceptor intraflagellar transport in mouse. <i>Human Molecular Genetics</i> , 2009, 18, 1566-1577.	2.9	62
10	Deltex1 Is a Target of the Transcription Factor NFAT that Promotes T Cell Anergy. <i>Immunity</i> , 2009, 31, 72-83.	14.3	58
11	Mouse Kidney Progenitor Cells Accelerate Renal Regeneration and Prolong Survival after Ischemic Injury. <i>Stem Cells</i> , 2010, 28, 573-584.	3.2	56
12	Deltex1 antagonizes HIF-1 $\alpha$ and sustains the stability of regulatory T cells in vivo. <i>Nature Communications</i> , 2015, 6, 6353.	12.8	53
13	Different NK Cell Developmental Events Require Different Levels of IL-15 Trans-Presentation. <i>Journal of Immunology</i> , 2011, 187, 1212-1221.	0.8	43
14	Selective inhibition of the NLRP3 inflammasome by targeting to promyelocytic leukemia protein in mouse and human. <i>Blood</i> , 2013, 121, 3185-3194.	1.4	42
15	Misregulated Progesterone Secretion and Impaired Pregnancy in Cyp11a1 Transgenic Mice. <i>Biology of Reproduction</i> , 2013, 89, 91.	2.7	41
16	Role of fibronectin deposition in branching morphogenesis of Madin-Darby canine kidney cells. <i>Kidney International</i> , 2000, 57, 1860-1867.	5.2	36
17	Collagen gel overlay induces apoptosis of polarized cells in cultures: disoriented cell death. <i>American Journal of Physiology - Cell Physiology</i> , 1998, 275, C921-C931.	4.6	35
18	Impaired water reabsorption in mice deficient in the type VI adenylyl cyclase (AC6). <i>FEBS Letters</i> , 2010, 584, 2883-2890.	2.8	34

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19	Progressive renal distortion by multiple cysts in transgenic mice expressing artificial microRNAs against <i>Pkd1</i> . <i>Journal of Pathology</i> , 2010, 222, 238-248.	4.5	32
20	Adipocyte IL-15 Regulates Local and Systemic NK Cell Development. <i>Journal of Immunology</i> , 2014, 193, 1747-1758.	0.8	30
21	CK1 $\alpha$ ablation in keratinocytes induces p53-dependent, sunburn-protective skin hyperpigmentation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8035-E8044.	7.1	30
22	Age effect of type I collagen on morphogenesis of Madin-Darby canine kidney cells. <i>Kidney International</i> , 2000, 57, 1539-1548.	5.2	27
23	Role of fibronectin deposition in cystogenesis of Madin-Darby canine kidney cells. <i>Kidney International</i> , 1999, 56, 92-103.	5.2	23
24	Role of $\alpha 3 \beta 1$ integrin in tubulogenesis of Madin-Darby canine kidney cells. <i>Kidney International</i> , 2001, 59, 1770-1778.	5.2	22
25	Hepatocyte growth factor upregulates $\alpha 2 \beta 1$ integrin in Madin-Darby canine kidney cells: Implications in tubulogenesis. <i>Journal of Biomedical Science</i> , 2002, 9, 261-272.	7.0	17
26	Pdia4 regulates $\beta$ -cell pathogenesis in diabetes: molecular mechanism and targeted therapy. <i>EMBO Molecular Medicine</i> , 2021, 13, e11668.	6.9	13
27	Deficiency of CPEB2-Confining Choline Acetyltransferase Expression in the Dorsal Motor Nucleus of Vagus Causes Hyperactivated Parasympathetic Signaling-Associated Bronchoconstriction. <i>Journal of Neuroscience</i> , 2016, 36, 12661-12676.	3.6	12
28	Safe Nanocomposite-Mediated Efficient Delivery of MicroRNA Plasmids for Autosomal Dominant Polycystic Kidney Disease (ADPKD) Therapy. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801358.	7.6	12
29	Insulin Receptor Substrate-1 Activation Mediated p53 Downregulation Protects Against Hypoxic-Ischemia in the Neonatal Brain. <i>Molecular Neurobiology</i> , 2016, 53, 3658-3669.	4.0	11
30	The type VI adenylyl cyclase protects cardiomyocytes from $\beta$ -adrenergic stress by a PKA/STAT3-dependent pathway. <i>Journal of Biomedical Science</i> , 2017, 24, 68.	7.0	10
31	Early Detection of T cell Transfer-induced Autoimmune Colitis by In Vivo Imaging System. <i>Scientific Reports</i> , 2016, 6, 35635.	3.3	8
32	Overexpression of exogenous kidney-specific Ngal attenuates progressive cyst development and prolongs lifespan in a murine model of polycystic kidney disease. <i>Kidney International</i> , 2017, 91, 412-422.	5.2	8
33	MST3 is involved in ENaC-mediated hypertension. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, F30-F42.	2.7	7
34	Endothelial-specific insulin receptor substrate-1 overexpression worsens neonatal hypoxic-ischemic brain injury via mTOR-mediated tight junction disassembly. <i>Cell Death Discovery</i> , 2021, 7, 150.	4.7	7
35	Kidney-based in vivo model for drug-induced nephrotoxicity testing. <i>Scientific Reports</i> , 2020, 10, 13640.	3.3	6
36	L Ferritin Accumulation in Macrophages Infiltrating the Lung during Rat <i>Angiostrongylus cantonensis</i> Infection. <i>Experimental Parasitology</i> , 1996, 83, 55-61.	1.2	5

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37	Prothymosin $\hat{\pm}$ promotes STAT3 acetylation to induce cystogenesis in Pkd1 $\hat{\epsilon}$ deficient mice. FASEB Journal, 2019, 33, 13051-13061.	0.5	3
38	Establishing F1A-CreERT2 Mice to Trace Fgf1 Expression in Adult Mouse Cardiomyocytes. Cells, 2022, 11, 121.	4.1	3
39	Secreted Neutrophil Gelatinase-Associated Lipocalin Shows Stronger Ability to Inhibit Cyst Enlargement of ADPKD Cells Compared with Nonsecreted Form. Cells, 2022, 11, 483.	4.1	2
40	Large deletion of <i>Wdr19</i> in developing renal tubules disrupts primary ciliogenesis, leading to polycystic kidney disease in mice. Journal of Pathology, 2022, 257, 5-16.	4.5	2
41	Hepatocyte Growth Factor Upregulates $\alpha$ 2 $\beta$ 1 Integrin in Madin-Darby Canine Kidney Cells: Implications in Tubulogenesis. Journal of Biomedical Science, 2002, 9, 261-272.	7.0	0