# Si-Tse Jiang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4858953/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 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 | 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 |
| 2 | Large deletion of Wdr19 in developing renal tubules disrupts primary ciliogenesis, leading to polycystic kidney disease in mice. Journal of Pathology, 2022, 257, 5-16. | 4.5 | 2 |
| 3 | Establishing F1A-CreERT2 Mice to Trace Fgf1 Expression in Adult Mouse Cardiomyocytes. Cells, 2022, 11, 121. | 4.1 | 3 |
| 4 | Endothelial-specific insulin receptor substrate-1 overexpression worsens neonatal hypoxic-ischemic brain injury via mTOR-mediated tight junction disassembly. Cell Death Discovery, 2021, 7, 150. | 4.7 | 7 |
| 5 | Pdia4 regulates Î²â€cell pathogenesis in diabetes: molecular mechanism and targeted therapy. EMBO Molecular Medicine, 2021, 13, e11668. | 6.9 | 13 |
| 6 | Kidney-based in vivo model for drug-induced nephrotoxicity testing. Scientific Reports, 2020, 10, 13640. | 3.3 | 6 |
| 7 | Prothymosin Î± promotes STAT3 acetylation to induce cystogenesis in Pkd1â€deficient mice. FASEB Journal, 2019, 33, 13051-13061. | 0.5 | 3 |
| 8 | Safe Nanocompositeâ€Mediated Efficient Delivery of MicroRNA Plasmids for Autosomal Dominant Polycystic Kidney Disease (ADPKD) Therapy. Advanced Healthcare Materials, 2019, 8, e1801358. | 7.6 | 12 |
| 9 | MST3 is involved in ENaC-mediated hypertension. American Journal of Physiology - Renal Physiology, 2019, 317, F30-F42. | 2.7 | 7 |
| 10 | CK1Î± ablation in keratinocytes induces p53-dependent, sunburn-protective skin hyperpigmentation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8035-E8044. | 7.1 | 30 |
| 11 | Overexpression of exogenous kidney-specific Ngal attenuates progressive cyst development and prolongs lifespan in a murine model of polycystic kidney disease. Kidney International, 2017, 91, 412-422. | 5.2 | 8 |
| 12 | The type VI adenylyl cyclase protects cardiomyocytes from Î²-adrenergic stress by a PKA/STAT3-dependent pathway. Journal of Biomedical Science, 2017, 24, 68. | 7.0 | 10 |
| 13 | Deficiency of CPEB2-Confined Choline Acetyltransferase Expression in the Dorsal Motor Nucleus of Vagus Causes Hyperactivated Parasympathetic Signaling-Associated Bronchoconstriction. Journal of Neuroscience, 2016, 36, 12661-12676. | 3.6 | 12 |
| 14 | Early Detection of T cell Transfer-induced Autoimmune Colitis by In Vivo Imaging System. Scientific Reports, 2016, 6, 35635. | 3.3 | 8 |
| 15 | Cul3-KLHL20ÂUbiquitin Ligase Governs the Turnover of ULK1 and VPS34 Complexes to Control Autophagy Termination. Molecular Cell, 2016, 61, 84-97. | 9.7 | 185 |
| 16 | Insulin Receptor Substrate-1 Activation Mediated p53 Downregulation Protects Against Hypoxic-Ischemia in the Neonatal Brain. Molecular Neurobiology, 2016, 53, 3658-3669. | 4.0 | 11 |
| 17 | Deltex1 antagonizes HIF-1Î± and sustains the stability of regulatory T cells in vivo. Nature Communications, 2015, 6, 6353. | 12.8 | 53 |
| 18 | Adipocyte IL-15 Regulates Local and Systemic NK Cell Development. Journal of Immunology, 2014, 193, 1747-1758. | 0.8 | 30 |

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|---|---|---|---|
| 19 | Selective inhibition of the NLRP3 inflammasome by targeting to promyelocytic leukemia protein in mouse and human. Blood, 2013, 121, 3185-3194. | 1.4 | 42 |
| 20 | Misregulated Progesterone Secretion and Impaired Pregnancy in Cyp11a1 Transgenic Mice1. Biology of Reproduction, 2013, 89, 91. | 2.7 | 41 |
| 21 | Different NK Cell Developmental Events Require Different Levels of IL-15 Trans-Presentation. Journal of Immunology, 2011, 187, 1212-1221. | 0.8 | 43 |
| 22 | Impaired phosphorylation of Na <sup>+</sup> -K <sup>+</sup> -2Cl <sup>â^'</sup> cotransporter by oxidative stress-responsive kinase-1 deficiency manifests hypotension and Bartter-like syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 17538-17543. | 7.1 | 122 |
| 23 | Sarm1, a negative regulator of innate immunity, interacts with syndecan-2 and regulates neuronal morphology. Journal of Cell Biology, 2011, 193, 769-784. | 5.2 | 120 |
| 24 | TDPâ€43, a neuroâ€pathosignature factor, is essential for early mouse embryogenesis. Genesis, 2010, 48, 56-62. | 1.6 | 183 |
| 25 | Impaired water reabsorption in mice deficient in the type VI adenylyl cyclase (AC6). FEBS Letters, 2010, 584, 2883-2890. | 2.8 | 34 |
| 26 | Mouse Kidney Progenitor Cells Accelerate Renal Regeneration and Prolong Survival after Ischemic Injury. Stem Cells, 2010, 28, 573-584. | 3.2 | 56 |
| 27 | Progressive renal distortion by multiple cysts in transgenic mice expressing artificial microRNAs against Pkd1. Journal of Pathology, 2010, 222, 238-248. | 4.5 | 32 |
| 28 | Essential role of nephrocystin in photoreceptor intraflagellar transport in mouse. Human Molecular Genetics, 2009, 18, 1566-1577. | 2.9 | 62 |
| 29 | Deltex1 Is a Target of the Transcription Factor NFAT that Promotes T Cell Anergy. Immunity, 2009, 31, 72-83. | 14.3 | 58 |
| 30 | Targeted disruption of Nphp1 causes male infertility due to defects in the later steps of sperm morphogenesis in mice. Human Molecular Genetics, 2008, 17, 3368-3379. | 2.9 | 68 |
| 31 | Defining a Link with Autosomal-Dominant Polycystic Kidney Disease in Mice with Congenitally Low Expression of Pkd1. American Journal of Pathology, 2006, 168, 205-220. | 3.8 | 112 |
| 32 | Hepatocyte Growth Factor Upregulates α2β1 Integrin in Madin-Darby Canine Kidney Cells: Implications in Tubulogenesis. Journal of Biomedical Science, 2002, 9, 261-272. | 7.0 | 0 |
| 33 | Hepatocyte growth factor upregulates Î±2Î²1 integrin in Madin-Darby canine kidney cells: Implications in tubulogenesis. Journal of Biomedical Science, 2002, 9, 261-272. | 7.0 | 17 |
| 34 | Role of Î±3Î²1 integrin in tubulogenesis of Madin-Darby canine kidney cells. Kidney International, 2001, 59, 1770-1778. | 5.2 | 22 |
| 35 | Role of fibronectin deposition in branching morphogenesis of Madin-Darby canine kidney cells. Kidney International, 2000, 57, 1860-1867. | 5.2 | 36 |
| 36 | Age effect of type I collagen on morphogenesis of Mardin-Darby canine kidney cells. Kidney International, 2000, 57, 1539-1548. | 5.2 | 27 |

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|---|---|---|---|
| 37 | Involvement of Focal Adhesion Kinase in Hepatocyte Growth Factor-induced Scatter of Madin-Darby Canine Kidney Cells. Journal of Biological Chemistry, 2000, 275, 7474-7480. | 3.4 | 74 |
| 38 | Bcl-2 overexpression prevents apoptosis-induced Madin-Darby canine kidney simple epithelial cyst formation. Kidney International, 1999, 55, 168-178. | 5.2 | 79 |
| 39 | Role of fibronectin deposition in cystogenesis of Madin-Darby canine kidney cells. Kidney International, 1999, 56, 92-103. | 5.2 | 23 |
| 40 | Collagen gel overlay induces apoptosis of polarized cells in cultures: disoriented cell death. American Journal of Physiology - Cell Physiology, 1998, 275, C921-C931. | 4.6 | 35 |
| 41 | L Ferritin Accumulation in Macrophages Infiltrating the Lung during RatAngiostrongylus cantonensisInfection. Experimental Parasitology, 1996, 83, 55-61. | 1.2 | 5 |