# Jian Xie

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 23 papers | 1,317 citations | 19 h-index | 25 g-index |
| 25 ext. papers | 1,577 ext. citations | 10.6 avg, IF | 4.23 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 23 | Chloride sensing by WNK1 regulates NLRP3 inflammasome activation and pyroptosis. *Nature Communications*, **2021**, 12, 4546 | 17.4 | 6 |
| 22 | Munc13 mediates klotho-inhibitable diacylglycerol-stimulated exocytotic insertion of pre-docked TRPC6 vesicles. *PLoS ONE*, **2020**, 15, e0229799 | 3.7 | 1 |
| 21 | Soluble klotho regulates TRPC6 calcium signaling lipid rafts, independent of the FGFR-FGF23 pathway. *FASEB Journal*, **2019**, 33, 9182-9193 | 0.9 | 21 |
| 20 | Potassium-regulated distal tubule WNK bodies are kidney-specific WNK1 dependent. *Molecular Biology of the Cell*, **2018**, 29, 499-509 | 3.5 | 31 |
| 19 | Differential roles of WNK4 in regulation of NCC in vivo. *American Journal of Physiology - Renal Physiology*, **2018**, 314, F999-F1007 | 4.3 | 14 |
| 18 | Klotho May Ameliorate Proteinuria by Targeting TRPC6 Channels in Podocytes. *Journal of the American Society of Nephrology: JASN*, **2017**, 28, 140-151 | 12.7 | 52 |
| 17 | Soluble klotho binds monosialoganglioside to regulate membrane microdomains and growth factor signaling. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 752-757 | 11.5 | 51 |
| 16 | Modeled structural basis for the recognition of α-2-3-sialyllactose by soluble Klotho. *FASEB Journal*, **2017**, 31, 3574-3586 | 0.9 | 20 |
| 15 | Inhibition of TRPC6 channels ameliorates renal fibrosis and contributes to renal protection by soluble klotho. *Kidney International*, **2017**, 91, 830-841 | 9.9 | 52 |
| 14 | New Insights into the Mechanism of Action of Soluble Klotho. *Frontiers in Endocrinology*, **2017**, 8, 323 | 5.7 | 84 |
| 13 | WNK1 kinase balances T cell adhesion versus migration in vivo. *Nature Immunology*, **2016**, 17, 1075-83 | 19.1 | 36 |
| 12 | Soluble Klotho Protects against Uremic Cardiomyopathy Independently of Fibroblast Growth Factor 23 and Phosphate. *Journal of the American Society of Nephrology: JASN*, **2015**, 26, 1150-60 | 12.7 | 159 |
| 11 | An acetate switch regulates stress erythropoiesis. *Nature Medicine*, **2014**, 20, 1018-26 | 50.5 | 46 |
| 10 | WNK1 protein kinase regulates embryonic cardiovascular development through the OSR1 signaling cascade. *Journal of Biological Chemistry*, **2013**, 288, 8566-8574 | 5.4 | 35 |
| 9 | Cardioprotection by Klotho through downregulation of TRPC6 channels in the mouse heart. *Nature Communications*, **2012**, 3, 1238 | 17.4 | 224 |
| 8 | Downregulation of NCC and NKCC2 cotransporters by kidney-specific WNK1 revealed by gene disruption and transgenic mouse models. *Human Molecular Genetics*, **2011**, 20, 855-66 | 5.6 | 67 |
| 7 | Endothelial-specific expression of WNK1 kinase is essential for angiogenesis and heart development in mice. *American Journal of Pathology*, **2009**, 175, 1315-27 | 5.8 | 63 |

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|---|---|---|---|
| 6 | Regulation of TRPV5 single-channel activity by intracellular pH. *Journal of Membrane Biology*, **2007**, 220, 79-85 | 2.3 | 17 |
| 5 | WNKs: protein kinases with a unique kinase domain. *Experimental and Molecular Medicine*, **2007**, 39, 565-73 | 1.8 | 40 |
| 4 | A neuropeptide ligand of the G protein-coupled receptor GPR103 regulates feeding, behavioral arousal, and blood pressure in mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 7438-43 | 11.5 | 138 |
| 3 | Role of with-no-lysine [K] kinases in the pathogenesis of Gordonas syndrome. *Pediatric Nephrology*, **2006**, 21, 1231-6 | 3.2 | 38 |
| 2 | Constitutive lysosomal targeting and degradation of bovine endothelin-converting enzyme-1a mediated by novel signals in its alternatively spliced cytoplasmic tail. *Journal of Biological Chemistry* , **1999**, 274, 1509-18 | 5.4 | 39 |
| 1 | Endothelin-3 frameshift mutation in congenital central hypoventilation syndrome. *Nature Genetics*, **1996**, 13, 395-6 | 36.3 | 82 |