Patricia D Wilson

List of Publications by Year
in descending order

66 papers	4,125 citations	126907 33 h-index	118850 62 g-index
69 all docs	69 docs citations	69 times ranked	3612 citing authors

#	Article	IF	Citations
1	Polycystic Kidney Disease. New England Journal of Medicine, 2004, 350, 151-164.	27.0	736
2	Sprouty1 Is a Critical Regulator of GDNF/RET-Mediated Kidney Induction. Developmental Cell, 2005, 8, 229-239.	7.0	327
3	The Autosomal Recessive Polycystic Kidney Disease Protein Is Localized to Primary Cilia, with Concentration in the Basal Body Area. Journal of the American Society of Nephrology: JASN, 2004, 15, 592-602.	6.1	149
4	Mouse Embryonic Stem Cellâ€"Derived Embryoid Bodies Generate Progenitors That Integrate Long Term into Renal Proximal Tubules In Vivo. Journal of the American Society of Nephrology: JASN, 2007, 18, 1709-1720.	6.1	145
5	Branching morphogenesis of the ureteric epithelium during kidney development is coordinated by the opposing functions of GDNF and Sprouty1. Developmental Biology, 2006, 299, 466-477.	2.0	141
6	Polycystic kidney disease: new understanding in the pathogenesis. International Journal of Biochemistry and Cell Biology, 2004, 36, 1868-1873.	2.8	131
7	Polycystin. Journal of the American Society of Nephrology: JASN, 2001, 12, 834-845.	6.1	110
8	ATP Release Mechanisms in Primary Cultures of Epithelia Derived from the Cysts of Polycystic Kidneys. Journal of the American Society of Nephrology: JASN, 1999, 10, 218-229.	6.1	108
9	A new method for studying human polycystic kidney disease epithelia in culture. Kidney International, 1986, 30, 371-378.	5.2	107
10	Polycystic Kidney Disease with Hyperinsulinemic Hypoglycemia Caused by a Promoter Mutation in Phosphomannomutase 2. Journal of the American Society of Nephrology: JASN, 2017, 28, 2529-2539.	6.1	99
11	Abnormal extracellular matrix and excessive growth of human adult polycystic kidney disease epithelia. Journal of Cellular Physiology, 1992, 150, 360-369.	4.1	94
12	Apico-basal polarity in polycystic kidney disease epithelia. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2011, 1812, 1239-1248.	3.8	90
13	Apical Plasma Membrane Mispolarization of NaK-ATPase in Polycystic Kidney Disease Epithelia Is Associated with Aberrant Expression of the Î²2 Isoform. American Journal of Pathology, 2000, 156, 253-268.	3.8	89
14	Modification of the composition of polycystin-1 multiprotein complexes by calcium and tyrosine phosphorylation. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2000, 1535, 21-35.	3.8	89
15	Urine MicroRNA as Potential Biomarkers of Autosomal Dominant Polycystic Kidney Disease Progression: Description of miRNA Profiles at Baseline. PLoS ONE, 2014, 9, e86856.	2.5	86
16	Carboxy Terminal Tail of Polycystin-1 Regulates Localization of TSC2 to Repress mTOR. PLoS ONE, 2010, 5, e9239.	2.5	86
17	Role of Ubiquitin-Like Protein FAT10 in Epithelial Apoptosis in Renal Disease. Journal of the American Society of Nephrology: JASN, 2006, 17, 996-1004.	6.1	75
18	Chapter 6 Mouse Models of Polycystic Kidney Disease. Current Topics in Developmental Biology, 2008, 84, 311-350.	2.2	74

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19	The Receptor Tyrosine Kinase Regulator Sprouty1 Is a Target of the Tumor Suppressor WT1 and Important for Kidney Development. Journal of Biological Chemistry, 2003, 278, 41420-41430.	3.4	72
20	Inhibition of HER-2(neu/ErbB2) restores normal function and structure to polycystic kidney disease (PKD) epithelia. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2006, 1762, 647-655.	3.8	72
21	Cystic Disease of the Kidney. Annual Review of Pathology: Mechanisms of Disease, 2007, 2, 341-368.	22.4	68
22	Microcyst Formation and HIV-1 Gene Expression Occur in Multiple Nephron Segments in HIV-Associated Nephropathy. Journal of the American Society of Nephrology: JASN, 2001, 12, 2645-2651.	6.1	65
23	Renal proximal tubular epithelium from patients with nephropathic cystinosis: Immortalized cell lines as in vitro model systems. Kidney International, 1995, 48, 536-543.	5.2	58
24	c-Src inactivation reduces renal epithelial cell-matrix adhesion, proliferation, and cyst formation. American Journal of Physiology - Cell Physiology, 2011, 301, C522-C529.	4.6	57
25	Identification of Phosphorylation Sites in the PKD1-Encoded Protein C-Terminal Domain. Biochemical and Biophysical Research Communications, 1999, 259, 356-363.	2.1	53
26	Activator of G Protein Signaling 3 Promotes Epithelial Cell Proliferation in PKD. Journal of the American Society of Nephrology: JASN, 2010, 21, 1275-1280.	6.1	52
27	Epidermal growth factor-mediated proliferation and sodium transport in normal and PKD epithelial cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2011, 1812, 1301-1313.	3.8	52
28	Na Transport in Autosomal Recessive Polycystic Kidney Disease (ARPKD) Cyst Lining Epithelial Cells. Journal of the American Society of Nephrology: JASN, 2003, 14, 827-836.	6.1	49
29	PRKX, a phylogenetically and functionally distinct cAMP-dependent protein kinase, activates renal epithelial cell migration and morphogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 9260-9265.	7.1	48
30	WT1 expression induces features of renal epithelial differentiation in mesenchymal fibroblasts. Oncogene, 1999, 18, 417-427.	5.9	47
31	Cystic Diseases of the Kidney: Role of Adhesion Molecules in Normal and Abnormal Tubulogenesis. Nephron Experimental Nephrology, 1999, 7, 114-124.	2.2	45
32	Stable Knockdown of Polycystin-1 Confers Integrin-Î±2Î²1â€“Mediated Anoikis Resistance. Journal of the American Society of Nephrology: JASN, 2006, 17, 3049-3058.	6.1	41
33	Polycystic kidney disease protein fibrocystin localizes to the mitotic spindle and regulates spindle bipolarity. Human Molecular Genetics, 2010, 19, 3306-3319.	2.9	35
34	Abnormalities in focal adhesion complex formation, regulation, and function in human autosomal recessive polycystic kidney disease epithelial cells. American Journal of Physiology - Cell Physiology, 2010, 298, C831-C846.	4.6	34
35	Mechanoregulation of intracellular Ca2+ in human autosomal recessive polycystic kidney disease cyst-lining renal epithelial cells. American Journal of Physiology - Renal Physiology, 2008, 294, F890-F899.	2.7	33
36	Disruption of polycystin-1 function interferes with branching morphogenesis of the ureteric bud in developing mouse kidneys. Developmental Biology, 2005, 286, 16-30.	2.0	28

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37	Expression of the Î²2-subunit and apical localization of Na⁺-K⁺-ATPase in metanephric kidney. American Journal of Physiology - Renal Physiology, 1999, 277, F391-F403.	2.7	27
38	Acidic FGF Regulation of Hyperproliferation of Fibroblasts in Human Autosomal Dominant Polycystic Kidney Disease. Biochemical and Molecular Medicine, 1997, 61, 178-191.	1.4	26
39	Abnormalities in Extracellular Matrix Regulation in Autosomal Dominant Polycystic Kidney Disease. Contributions To Nephrology, 1996, 118, 126-134.	1.1	23
40	Pathways of apoptosis in human autosomal recessive and autosomal dominant polycystic kidney diseases. Pediatric Nephrology, 2008, 23, 1473-1482.	1.7	23
41	PRKX critically regulates endothelial cell proliferation, migration, and vascular-like structure formation. Developmental Biology, 2011, 356, 475-485.	2.0	23
42	A putative Wilms tumor-secreted growth factor activity required for primary culture of human nephroblasts.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 6066-6070.	7.1	22
43	Towards Understanding the Polycystins. Nephron Experimental Nephrology, 2003, 93, e9-e17.	2.2	22
44	EGF and its related growth factors mediate sodium transport in mpkCCD_{c14} cells via ErbB2 (neu/HERâ€2) receptor. Journal of Cellular Physiology, 2010, 223, 252-259.	4.1	22
45	Protein kinase X (PRKX) can rescue the effects of polycystic kidney disease-1 gene (PKD1) deficiency. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2008, 1782, 1-9.	3.8	21
46	Protein Kinase X Activates Ureteric Bud Branching Morphogenesis in Developing Mouse Metanephric Kidney. Journal of the American Society of Nephrology: JASN, 2005, 16, 3543-3552.	6.1	20
47	Receptor protein tyrosine phosphatases are novel components of a polycystin complex. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2011, 1812, 1225-1238.	3.8	18
48	Functional Defects in Lysosomal Enzymes in Autosomal Dominant Polycystic Kidney Disease (ADPKD): Abnormalities in Synthesis, Molecular Processing, Polarity, and Secretion. Biochemical and Molecular Medicine, 1997, 60, 8-26.	1.4	17
49	Monolayer cultures of microdissected renal tubule epithelial segments. Cytotechnology, 1991, 13, 137-142.	0.3	16
50	Expression of the urate transporter/channel is developmentally regulated in human kidneys. American Journal of Physiology - Renal Physiology, 2001, 281, F875-F886.	2.7	16
51	Retinoic Acid Receptor-Dependent, Cell-Autonomous, Endogenous Retinoic Acid Signaling and Its Target Genes in Mouse Collecting Duct Cells. PLoS ONE, 2012, 7, e45725.	2.5	15
52	Protein kinase-X interacts with Pin-1 and Polycystin-1 during mouse kidney development. Kidney International, 2009, 76, 54-62.	5.2	14
53	Atmin modulates Pkhd1 expression and may mediate Autosomal Recessive Polycystic Kidney Disease (ARPKD) through altered non-canonical Wnt/Planar Cell Polarity (PCP) signalling. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 378-390.	3.8	14
54	Stem cells and kidney injury. Current Opinion in Nephrology and Hypertension, 2006, 15, 238-244.	2.0	13

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55	A plethora of epidermal growth factorâ€“like proteins in polycystic kidneys. Kidney International, 2004, 65, 2441-2442.	5.2	10
56	Chronic activation of AMP-activated protein kinase leads to early-onset polycystic kidney phenotype. Clinical Science, 2021, 135, 2393-2408.	4.3	8
57	Molecular Mechanisms of Polycystic Kidney Disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2011, 1812, 1201.	3.8	6
58	Novel biomarkers in kidney disease: roles for cilia, Wnt signalling and ATMIN in polycystic kidney disease. Biochemical Society Transactions, 2016, 44, 1745-1751.	3.4	6
59	Therapeutic targets for polycystic kidney disease. Expert Opinion on Therapeutic Targets, 2016, 20, 35-45.	3.4	5
60	Collecting duct cells show differential retinoic acid responses to acute versus chronic kidney injury stimuli. Scientific Reports, 2020, 10, 16683.	3.3	4
61	Urinary exosome proteomic profiling defines stage-specific rapid progression of autosomal dominant polycystic kidney disease and tolvaptan efficacy. BBA Advances, 2021, 1, 100013.	1.6	4
62	In Vitro Methods in Renal Research. , 2009, , 379-396.		2
63	Corrigendum to â€œPRKX critically regulates endothelial cell proliferation, migration, and vascular-like structure formationâ€•[Dev. Biol. 356 (2011) 475â€“485]. Developmental Biology, 2013, 381, 502.	2.0	0
64	FP042ATMIN MODULATES PKHD1 EXPRESSION AND THROUGH ALTERED NON-CANONICAL WNT/PLANAR CELL POLARITY (PCP) SIGNALLING MEDIATES ARPKD SEVERITY. Nephrology Dialysis Transplantation, 2018, 33, i61-i61.	0.7	0
65	Heterozygous Pkd1 mutation induces abnormal EGFR signaling. FASEB Journal, 2007, 21, A504.	0.5	0
66	EGF and its related growth factors mediate sodium transport in mpkCCD c14 cells via ErbB2 (neu/HERâ€2) receptor. FASEB Journal, 2010, 24, 611.1.	0.5	0