Terry J Watnick

List of Publications by Year
in descending order

40 papers	2,965 citations	279798 23 h-index	276875 41 g-index
42 all docs	42 docs citations	42 times ranked	3101 citing authors

#	Article	IF	Citations
1	Mutations in GANAB , Encoding the Glucosidase IIÎ± Subunit, Cause Autosomal-Dominant Polycystic Kidney and Liver Disease. American Journal of Human Genetics, 2016, 98, 1193-1207.	6.2	345
2	Somatic Mutation in Individual Liver Cysts Supports a Two-Hit Model of Cystogenesis in Autosomal Dominant Polycystic Kidney Disease. Molecular Cell, 1998, 2, 247-251.	9.7	192
3	A Practical Guide for Treatment of Rapidly Progressive ADPKD with Tolvaptan. Journal of the American Society of Nephrology: JASN, 2018, 29, 2458-2470.	6.1	163
4	From cilia to cyst. Nature Genetics, 2003, 34, 355-356.	21.4	161
5	Somatic PKD2 Mutations in Individual Kidney and Liver Cysts Support a â€œTwo-Hitâ€•Model of Cystogenesis in Type 2 Autosomal Dominant Polycystic Kidney Disease. Journal of the American Society of Nephrology: JASN, 1999, 10, 1524-1529.	6.1	145
6	A Flagellar Polycystin-2 Homolog Required for Male Fertility in Drosophila. Current Biology, 2003, 13, 2179-2184.	3.9	142
7	The polycystin complex mediates Wnt/Ca2+ signalling. Nature Cell Biology, 2016, 18, 752-764.	10.3	132
8	Mutations of PKD1 in ADPKD2 cysts suggest a pathogenic effect of trans-heterozygous mutations. Nature Genetics, 2000, 25, 143-144.	21.4	116
9	Vascular complications in autosomal dominant polycystic kidney disease. Nature Reviews Nephrology, 2015, 11, 589-598.	9.6	110
10	Ciliary membrane proteins traffic through the Golgi via a Rabep1/GGA1/Arl3-dependent mechanism. Nature Communications, 2014, 5, 5482.	12.8	101
11	A RhoAâ€“YAPâ€“c-Myc signaling axis promotes the development of polycystic kidney disease. Genes and Development, 2018, 32, 781-793.	5.9	94
12	An unusual pattern of mutation in the duplicated portion of PKD1 is revealed by use of a novel strategy for mutation detection. Human Molecular Genetics, 1997, 6, 1473-1481.	2.9	83
13	A cleavage product of Polycystin-1 is a mitochondrial matrix protein that affects mitochondria morphology and function when heterologously expressed. Scientific Reports, 2018, 8, 2743.	3.3	75
14	Polycystin Signaling Is Required for Directed Endothelial Cell Migration and Lymphatic Development. Cell Reports, 2014, 7, 634-644.	6.4	71
15	Drosophila Sperm Swim Backwards in the Female Reproductive Tract and Are Activated via TRPP2 Ion Channels. PLoS ONE, 2011, 6, e20031.	2.5	62
16	Monoallelic IFT140 pathogenic variants are an important cause of the autosomal dominant polycystic kidney-spectrum phenotype. American Journal of Human Genetics, 2022, 109, 136-156.	6.2	62
17	Inhibition of histone deacetylase 6 activity reduces cyst growth in polycystic kidney disease. Kidney International, 2016, 90, 90-99.	5.2	58
18	Mutation Analysis of the Entire Replicated Portion of PKD1 Using Genomic DNA Samples. Journal of the American Society of Nephrology: JASN, 2001, 12, 955-963.	6.1	53

#	Article	IF	Citations
19	Primary results of the randomized trial of metformin administration in polycystic kidney disease (TAME PKD). Kidney International, 2021, 100, 684-696.	5.2	48
20	A Randomized Clinical Trial of Metformin to Treat Autosomal Dominant Polycystic Kidney Disease. American Journal of Nephrology, 2018, 47, 352-360.	3.1	47
21	A novel model of autosomal recessive polycystic kidney questions the role of the fibrocystin C-terminus in disease mechanism. Kidney International, 2017, 92, 1130-1144.	5.2	43
22	Hair-Cell Mechanotransduction Persists in TRP Channel Knockout Mice. PLoS ONE, 2016, 11, e0155577.	2.5	32
23	Renal cyst growth is the main determinant for hypertension and concentrating deficit in Pkd1 -deficient mice. Kidney International, 2014, 85, 1137-1150.	5.2	26
24	NEDD4-family E3 ligase dysfunction due to PKHD1/Pkhd1 defects suggests a mechanistic model for ARPKD pathobiology. Scientific Reports, 2017, 7, 7733.	3.3	22
25	Dual mTOR/PI3K inhibition limits PI3K-dependent pathways activated upon mTOR inhibition in autosomal dominant polycystic kidney disease. Scientific Reports, 2018, 8, 5584.	3.3	19
26	Targeted rescue of a polycystic kidney disease mutation by lysosomal inhibition. Kidney International, 2016, 89, 949-955.	5.2	18
27	The mitochondrial transporter SLC25A25 links ciliary TRPP2 signaling and cellular metabolism. PLoS Biology, 2018, 16, e2005651.	5.6	18
28	TWEAK Signaling Pathway Blockade Slows Cyst Growth and Disease Progression in Autosomal Dominant Polycystic Kidney Disease. Journal of the American Society of Nephrology: JASN, 2021, 32, 1913-1932.	6.1	18
29	Left ventricular hypertrophy in a contemporary cohort of autosomal dominant polycystic kidney disease patients. BMC Nephrology, 2019, 20, 386.	1.8	13
30	Alterations of Proximal Tubular Secretion in Autosomal Dominant Polycystic Kidney Disease. Clinical Journal of the American Society of Nephrology: CJASN, 2020, 15, 80-88.	4.5	13
31	Novel inhibitors of nuclear transport cause cell cycle arrest and decrease cyst growth in ADPKD associated with decreased CDK4 levels. American Journal of Physiology - Renal Physiology, 2014, 307, F1179-F1186.	2.7	11
32	Association of Baseline Urinary Metabolic Biomarkers with ADPKD Severity in TAME-PKD Clinical Trial Participants. Kidney360, 2021, 2, 795-808.	2.1	10
33	Polycystin-1 and polycystin-2â€”it's complicated. Nature Reviews Nephrology, 2013, 9, 249-250.	9.6	8
34	GDNF drives rapid tubule morphogenesis in novel 3D in vitro model for ADPKD. Journal of Cell Science, 2020, 133, .	2.0	7
35	Baseline Characteristics and Patient-Reported Outcomes of ADPKD Patients in the Multicenter TAME-PKD Clinical Trial. Kidney360, 2020, 1, 1363-1372.	2.1	7
36	Genomic Analysis to Avoid Misdiagnosis of Adults With Bilateral Renal Cysts. Annals of Internal Medicine, 2018, 169, 130.	3.9	6

#	Article	IF	Citations
37	Polycystinâ€1 dependent regulation of polycystinâ€2 via GRP94, a member of HSP90 family that resides in the endoplasmic reticulum. FASEB Journal, 2021, 35, e21865.	0.5	4
38	A genetic screen in Drosophila reveals an unexpected role for the KIP1 ubiquitination-promoting complex in male fertility. PLoS Genetics, 2020, 16, e1009217.	3.5	4
39	Cardiac function assessed by myocardial deformation in adult polycystic kidney disease patients. BMC Nephrology, 2019, 20, 324.	1.8	2
40	Molecular Structure of the PKD Protein ComplexÂFinally Solved. American Journal of Kidney Diseases, 2019, 73, 620-623.	1.9	2