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	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
2	Association of Baseline Urinary Metabolic Biomarkers with ADPKD Severity in TAME-PKD Clinical Trial Participants. Kidney360, 2021, 2, 795-808.	2.1	10
3	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
4	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
5	Primary results of the randomized trial of metformin administration in polycystic kidney disease (TAME PKD). Kidney International, 2021, 100, 684-696.	5.2	48
6	GDNF drives rapid tubule morphogenesis in novel 3D in vitro model for ADPKD. Journal of Cell Science, 2020, 133, .	2.0	7
7	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
8	Baseline Characteristics and Patient-Reported Outcomes of ADPKD Patients in the Multicenter TAME-PKD Clinical Trial. Kidney360, 2020, 1, 1363-1372.	2.1	7
9	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
10	Left ventricular hypertrophy in a contemporary cohort of autosomal dominant polycystic kidney disease patients. BMC Nephrology, 2019, 20, 386.	1.8	13
11	Cardiac function assessed by myocardial deformation in adult polycystic kidney disease patients. BMC Nephrology, 2019, 20, 324.	1.8	2
12	Molecular Structure of the PKD Protein ComplexÂFinally Solved. American Journal of Kidney Diseases, 2019, 73, 620-623.	1.9	2
13	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
14	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
15	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
16	A Randomized Clinical Trial of Metformin to Treat Autosomal Dominant Polycystic Kidney Disease. American Journal of Nephrology, 2018, 47, 352-360.	3.1	47
17	The mitochondrial transporter SLC25A25 links ciliary TRPP2 signaling and cellular metabolism. PLoS Biology, 2018, 16, e2005651.	5.6	18
18	Genomic Analysis to Avoid Misdiagnosis of Adults With Bilateral Renal Cysts. Annals of Internal Medicine, 2018, 169, 130.	3.9	6

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19	A RhoAâ€“YAPâ€“c-Myc signaling axis promotes the development of polycystic kidney disease. Genes and Development, 2018, 32, 781-793.	5.9	94
20	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
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	Targeted rescue of a polycystic kidney disease mutation by lysosomal inhibition. Kidney International, 2016, 89, 949-955.	5.2	18
24	The polycystin complex mediates Wnt/Ca2+ signalling. Nature Cell Biology, 2016, 18, 752-764.	10.3	132
25	Inhibition of histone deacetylase 6 activity reduces cyst growth in polycystic kidney disease. Kidney International, 2016, 90, 90-99.	5.2	58
26	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
27	Vascular complications in autosomal dominant polycystic kidney disease. Nature Reviews Nephrology, 2015, 11, 589-598.	9.6	110
28	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
29	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
30	Ciliary membrane proteins traffic through the Golgi via a Rabep1/GGA1/Arl3-dependent mechanism. Nature Communications, 2014, 5, 5482.	12.8	101
31	Polycystin Signaling Is Required for Directed Endothelial Cell Migration and Lymphatic Development. Cell Reports, 2014, 7, 634-644.	6.4	71
32	Polycystin-1 and polycystin-2â€”it's complicated. Nature Reviews Nephrology, 2013, 9, 249-250.	9.6	8
33	Drosophila Sperm Swim Backwards in the Female Reproductive Tract and Are Activated via TRPP2 Ion Channels. PLoS ONE, 2011, 6, e20031.	2.5	62
34	A Flagellar Polycystin-2 Homolog Required for Male Fertility in Drosophila. Current Biology, 2003, 13, 2179-2184.	3.9	142
35	From cilia to cyst. Nature Genetics, 2003, 34, 355-356.	21.4	161
36	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

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37	Mutations of PKD1 in ADPKD2 cysts suggest a pathogenic effect of trans-heterozygous mutations. Nature Genetics, 2000, 25, 143-144.	21.4	116
38	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
39	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
40	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