Marco Pontoglio

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2690448/publications.pdf

Version: 2024-02-01

56	5,739	101543	144013
papers	citations	36 h-index	57 g-index

57	57	57	7014
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hepatocyte Nuclear Factor 1 Inactivation Results in Hepatic Dysfunction, Phenylketonuria, and Renal Fanconi Syndrome. Cell, 1996, 84, 575-585.	28.9	562
2	Defective planar cell polarity in polycystic kidney disease. Nature Genetics, 2006, 38, 21-23.	21.4	477
3	Loss of Fat4 disrupts PCP signaling and oriented cell division and leads to cystic kidney disease. Nature Genetics, 2008, 40, 1010-1015.	21.4	455
4	Hepatic Stem-like Phenotype and Interplay of Wnt/Î²-Catenin and Myc Signaling in Aggressive Childhood Liver Cancer. Cancer Cell, 2008, 14, 471-484.	16.8	443
5	A transcriptional network in polycystic kidney disease. EMBO Journal, 2004, 23, 1657-1668.	7.8	303
6	Bile system morphogenesis defects and liver dysfunction upon targeted deletion of HNF1Î². Development (Cambridge), 2002, 129, 1829-1838.	2.5	297
7	HNF1Î± controls renal glucose reabsorption in mouse and man. EMBO Reports, 2000, 1, 359-365.	4.5	192
8	AKT2 is essential to maintain podocyte viability and function during chronic kidney disease. Nature Medicine, 2013, 19, 1288-1296.	30.7	187
9	Analysis of the distribution of binding sites for a tissue-specific transcription factor in the vertebrate genome 1 1Edited by M. Gottesman. Journal of Molecular Biology, 1997, 266, 231-245.	4.2	164
10	Defective Pancreatic Î²-Cell Glycolytic Signaling in Hepatocyte Nuclear Factor-1Î±-deficient Mice. Journal of Biological Chemistry, 1998, 273, 24457-24464.	3.4	149
11	Characterization of the Human OATP-C (SLC21A6) Gene Promoter and Regulation of Liver-specific OATP Genes by Hepatocyte Nuclear Factor 1Î±. Journal of Biological Chemistry, 2001, 276, 37206-37214.	3.4	146
12	miR-17â^¼92 miRNA cluster promotes kidney cyst growth in polycystic kidney disease. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10765-10770.	7.1	144
13	A mitotic transcriptional switch in polycystic kidney disease. Nature Medicine, 2010, 16, 106-110.	30.7	140
14	Single cell regulatory landscape of the mouse kidney highlights cellular differentiation programs and disease targets. Nature Communications, 2021, 12, 2277.	12.8	122
15	Polycystin-2 and phosphodiesterase 4C are components of a ciliary A-kinase anchoring protein complex that is disrupted in cystic kidney diseases. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10679-10684.	7.1	117
16	Hepatocyte nuclear factor 1Î² controls nephron tubular development. Development (Cambridge), 2013, 140, 886-896.	2.5	111
17	Hepatocyte Nuclear Factor 1, a Transcription Factor at the Crossroads of Glucose Homeostasis. Journal of the American Society of Nephrology: JASN, 2000, 11, S140-S143.	6.1	105
18	Nuclear Covalently Closed Circular Viral Genomic DNA in the Liver of Hepatocyte Nuclear Factor 1Î±-Null Hepatitis B Virus Transgenic Mice. Journal of Virology, 2001, 75, 2900-2911.	3.4	103

#	Article	IF	Citations
19	A classification of ductal plate malformations based on distinct pathogenic mechanisms of biliary dysmorphogenesis. Hepatology, 2011, 53, 1959-1966.	7.3	96
20	Anatomy of a Homeoprotein Revealed by the Analysis of Human MODY3 Mutations. Journal of Biological Chemistry, 1999, 274, 35639-35646.	3.4	90
21	The SWI/SNF chromatin-remodeling complex subunit SNF5 is essential for hepatocyte differentiation. EMBO Journal, 2005, 24, 3313-3324.	7.8	87
22	Role of the Hepatocyte Nuclear Factor-1Î² (HNF-1Î²) C-terminal Domain in Pkhd1 (ARPKD) Gene Transcription and Renal Cystogenesis. Journal of Biological Chemistry, 2005, 280, 10578-10586.	3.4	77
23	Stat3 Controls Tubulointerstitial Communication during CKD. Journal of the American Society of Nephrology: JASN, 2016, 27, 3690-3705.	6.1	75
24	A Genomic Map of p53 Binding Sites Identifies Novel p53 Targets Involved in an Apoptotic Network. Cancer Research, 2005, 65, 5096-5104.	0.9	74
25	Genome-wide discovery of functional transcription factor binding sites by comparative genomics: The case of Stat3. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5117-5122.	7.1	73
26	Mutations of HNF-1Î² inhibit epithelial morphogenesis through dysregulation of SOCS-3. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20386-20391.	7.1	59
27	Hepatocyte nuclear factor 1Î± suppresses steatosis-associated liver cancer by inhibiting PPARÎ³ transcription. Journal of Clinical Investigation, 2017, 127, 1873-1888.	8.2	58
28	Human mutations affect the epigenetic/bookmarking function of HNF1B. Nucleic Acids Research, 2016, 44, 8097-8111.	14.5	55
29	Lecithin cholesterol acyl transferase deficiency: molecular analysis of a mutated allele. Human Genetics, 1990, 85, 195-9.	3.8	54
30	HNF-1Î² Regulates Transcription of the PKD Modifier Gene Kif12. Journal of the American Society of Nephrology: JASN, 2009, 20, 41-47.	6.1	54
31	Hepatocyte Nuclear Factor 1 Î± Controls Renal Expression of the Npt1-Npt4 Anionic Transporter Locus. Journal of Molecular Biology, 2002, 322, 929-941.	4.2	49
32	Mechanism of Fibrosis in HNF1B-Related Autosomal Dominant Tubulointerstitial Kidney Disease. Journal of the American Society of Nephrology: JASN, 2018, 29, 2493-2509.	6.1	47
33	A murine model of Denysâ€“Drash syndrome reveals novel transcriptional targets of WT1 in podocytes. Human Molecular Genetics, 2010, 19, 1-15.	2.9	46
34	The primary cilium and lipophagy translate mechanical forces to direct metabolic adaptation of kidney epithelial cells. Nature Cell Biology, 2020, 22, 1091-1102.	10.3	45
35	Hepatocyte Nuclear Factor-1Î² Controls Mitochondrial Respiration in Renal Tubular Cells. Journal of the American Society of Nephrology: JASN, 2017, 28, 3205-3217.	6.1	43
36	Transcription Factor Hepatocyte Nuclear Factor-1Î² (HNF-1Î²) Regulates MicroRNA-200 Expression through a Long Noncoding RNA. Journal of Biological Chemistry, 2015, 290, 24793-24805.	3.4	42

#	Article	IF	Citations
37	Planar cell polarity and cilia. Seminars in Cell and Developmental Biology, 2009, 20, 998-1005.	5.0	36
38	Hepatocyte Nuclear Factorâ€“1Î² Regulates Urinary Concentration and Response to Hypertonicity. Journal of the American Society of Nephrology: JASN, 2017, 28, 2887-2900.	6.1	31
39	Alpha/Beta Interferon Differentially Modulates the Clearance of Cytoplasmic Encapsidated Replication Intermediates and Nuclear Covalently Closed Circular Hepatitis B Virus (HBV) DNA from the Livers of Hepatocyte Nuclear Factor 1Î±-Null HBV Transgenic Mice. Journal of Virology, 2005, 79, 11045-11052.	3.4	29
40	Tubular proteinuria in patients with HNF1Î± mutations: HNF1Î± drives endocytosis in the proximal tubule. Kidney International, 2016, 89, 1075-1089.	5.2	29
41	Mitochondrial Dysfunction Contributes to Impaired Insulin Secretion in INS-1 Cells with Dominant-negative Mutations of HNF-1Î± and in HNF-1Î±-deficient Islets. Journal of Biological Chemistry, 2009, 284, 16808-16821.	3.4	27
42	HNF1Bdeficiency causes ciliary defects in human cholangiocytes. Hepatology, 2012, 56, 1178-1181.	7.3	26
43	Structure of the gene enconding hepatocyte nuclear factor 1 (HNF1). Nucleic Acids Research, 1992, 20, 4199-4204.	14.5	23
44	Transcription Factor Hepatocyte Nuclear Factorâ€“1Î² Regulates Renal Cholesterol Metabolism. Journal of the American Society of Nephrology: JASN, 2016, 27, 2408-2421.	6.1	23
45	mTOR and S6K1 drive polycystic kidney by the control of Afadin-dependent oriented cell division. Nature Communications, 2020, 11, 3200.	12.8	20
46	Definition of the transcription initiation site of human plasminogen gene in liver and non hepatic cell lines. Biochemical and Biophysical Research Communications, 1990, 173, 1013-1018.	2.1	19
47	Hepatocyte Nuclear Factor 1Î± Controls the Expression of Terminal Complement Genes. Journal of Experimental Medicine, 2001, 194, 1683-1690.	8.5	19
48	Hepatocyte nuclear factor-1Î² regulates Wnt signaling through genome-wide competition with Î²-catenin/lymphoid enhancer binding factor. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 24133-24142.	7.1	19
49	A transcriptional network underlies susceptibility to kidney disease progression. EMBO Molecular Medicine, 2012, 4, 825-839.	6.9	18
50	Cystic kidney diseases: learning from animal models. Nephrology Dialysis Transplantation, 2004, 19, 2700-2702.	0.7	17
51	Embryonic but Not Postnatal Reexpression of Hepatocyte Nuclear Factor 1Î± (HNF1Î±) Can Reactivate the Silent Phenylalanine Hydroxylase Gene in HNF1Î±-Deficient Hepatocytes. Molecular and Cellular Biology, 2001, 21, 3662-3670.	2.3	12
52	MITF â€“ A controls branching morphogenesis and nephron endowment. PLoS Genetics, 2017, 13, e1007093.	3.5	12
53	Functional analysis of the human lecithin cholesterol acyl transferase gene promoter. Biochemical and Biophysical Research Communications, 1991, 180, 1469-1475.	2.1	10
54	Three-dimensional architecture of nephrons in the normal and cystic kidney. Kidney International, 2021, 99, 632-645.	5.2	10

#	Article	IF	Citations
55	HNF1Î² and defective nephrogenesis: a role for interacting partners?. Kidney International, 2008, 74, 145-147.	5.2	7
56	Developmental Renal Glomerular Defects at the Origin of Glomerulocystic Disease. Cell Reports, 2020, 33, 108304.	6.4	4