

Jaaakko Patrakka

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

2,468
citations

304368

22
h-index

276539

41
g-index

45
all docs

45
docs citations

45
times ranked

3001
citing authors

#	ARTICLE	IF	CITATIONS
1	Hereditary Proteinuria Syndromes and Mechanisms of Proteinuria. <i>New England Journal of Medicine</i> , 2006, 354, 1387-1401.	13.9	492
2	Large-scale identification of genes implicated in kidney glomerulus development and function. <i>EMBO Journal</i> , 2006, 25, 1160-1174.	3.5	196
3	New insights into the role of podocytes in proteinuria. <i>Nature Reviews Nephrology</i> , 2009, 5, 463-468.	4.1	159
4	RECURRENCE OF NEPHROTIC SYNDROME IN KIDNEY GRAFTS OF PATIENTS WITH CONGENITAL NEPHROTIC SYNDROME OF THE FINNISH TYPE. <i>Transplantation</i> , 2002, 73, 394-403.	0.5	134
5	Nephrin – a unique structural and signaling protein of the kidney filter. <i>Trends in Molecular Medicine</i> , 2007, 13, 396-403.	3.5	126
6	CD2AP in mouse and human podocytes controls a proteolytic program that regulates cytoskeletal structure and cellular survival. <i>Journal of Clinical Investigation</i> , 2011, 121, 3965-3980.	3.9	124
7	Reducing VEGF-B Signaling Ameliorates Renal Lipotoxicity and Protects against Diabetic Kidney Disease. <i>Cell Metabolism</i> , 2017, 25, 713-726.	7.2	115
8	Molecular make-up of the glomerular filtration barrier. <i>Biochemical and Biophysical Research Communications</i> , 2010, 396, 164-169.	1.0	103
9	Role of Nephrin in Cell Junction Formation in Human Nephrogenesis. <i>American Journal of Pathology</i> , 2000, 157, 1905-1916.	1.9	100
10	Expression of Nephrin in Pediatric Kidney Diseases. <i>Journal of the American Society of Nephrology: JASN</i> , 2001, 12, 289-296.	3.0	75
11	Expression and Subcellular Distribution of Novel Glomerulus-Associated Proteins Dendrin, Ehd3, Sh2d4a, Plekhh2, and 2310066E14Rik. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 689-697.	3.0	72
12	Proteinuria and prenatal diagnosis of congenital nephrosis in fetal carriers of nephrin gene mutations. <i>Lancet, The</i> , 2002, 359, 1575-1577.	6.3	69
13	A flexible, multilayered protein scaffold maintains the slit in between glomerular podocytes. <i>JCI Insight</i> , 2016, 1, .	2.3	69
14	A CRISP(e)R view on kidney organoids allows generation of an induced pluripotent stem cell–derived kidney model for drug discovery. <i>Kidney International</i> , 2018, 94, 1099-1110.	2.6	60
15	Single-cell RNA sequencing reveals the mesangial identity and species diversity of glomerular cell transcriptomes. <i>Nature Communications</i> , 2021, 12, 2141.	5.8	55
16	Neuronal proteins are novel components of podocyte major processes and their expression in glomerular crescents supports their role in crescent formation. <i>Kidney International</i> , 2013, 83, 63-71.	2.6	47
17	Confocal super-resolution imaging of the glomerular filtration barrier enabled by tissue expansion. <i>Kidney International</i> , 2018, 93, 1008-1013.	2.6	47
18	The Number of Podocyte Slit Diaphragms Is Decreased in Minimal Change Nephrotic Syndrome. <i>Pediatric Research</i> , 2002, 52, 349-355.	1.1	39

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19	Genetic kidney diseases disclose the pathogenesis of proteinuria. <i>Annals of Medicine</i> , 2001, 33, 526-533.	1.5	34
20	Understanding Podocyte Biology to Develop Novel Kidney Therapeutics. <i>Frontiers in Endocrinology</i> , 2018, 9, 409.	1.5	29
21	Novel insights into the disease transcriptome of human diabetic glomeruli and tubulointerstitium. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, 2059-2072.	0.4	28
22	Glomerular Transcriptome Changes Associated with Lipopolysaccharide-Induced Proteinuria. <i>American Journal of Nephrology</i> , 2009, 29, 558-570.	1.4	27
23	Pdlim2 is a novel actin-regulating protein of podocyte foot processes. <i>Kidney International</i> , 2011, 80, 1045-1054.	2.6	24
24	Molecular insights into the early stage of glomerular injury in IgA nephropathy using single-cell RNA sequencing. <i>Kidney International</i> , 2022, 101, 752-765.	2.6	23
25	Novel INF2 mutation p. L77P in a family with glomerulopathy and Charcot-Marie-Tooth neuropathy. <i>Pediatric Nephrology</i> , 2013, 28, 339-343.	0.9	21
26	Myo1e Impairment Results in Actin Reorganization, Podocyte Dysfunction, and Proteinuria in Zebrafish and Cultured Podocytes. <i>PLoS ONE</i> , 2013, 8, e72750.	1.1	21
27	Plekhh2, a novel podocyte protein downregulated in human focal segmental glomerulosclerosis, is involved in matrix adhesion and actin dynamics. <i>Kidney International</i> , 2012, 82, 1071-1083.	2.6	20
28	GPRC5b Modulates Inflammatory Response in Glomerular Diseases via NF- κ B Pathway. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 1573-1586.	3.0	18
29	A fast and simple clearing and swelling protocol for 3D in-situ imaging of the kidney across scales. <i>Kidney International</i> , 2021, 99, 1010-1020.	2.6	18
30	Dendrin Ablation Prolongs Life Span by Delaying Kidney Failure. <i>American Journal of Pathology</i> , 2015, 185, 2143-2157.	1.9	17
31	Depletion of Gprc5a Promotes Development of Diabetic Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 1679-1689.	3.0	16
32	Retinoic acid receptor responder1 promotes development of glomerular diseases via the Nuclear Factor- κ B signaling pathway. <i>Kidney International</i> , 2021, 100, 809-823.	2.6	16
33	Schip1 Is a Novel Podocyte Foot Process Protein that Mediates Actin Cytoskeleton Rearrangements and Forms a Complex with Nherf2 and Ezrin. <i>PLoS ONE</i> , 2015, 10, e0122067.	1.1	14
34	Neph1 Is Reduced in Primary Focal Segmental Glomerulosclerosis, Minimal Change Nephrotic Syndrome, and Corresponding Experimental Animal Models of Adriamycin-Induced Nephropathy and Puromycin Aminonucleoside Nephrosis. <i>Nephron Extra</i> , 2014, 4, 146-154.	1.1	13
35	Coro2b, a podocyte protein downregulated in human diabetic nephropathy, is involved in the development of protamine sulphate-induced foot process effacement. <i>Scientific Reports</i> , 2019, 9, 8888.	1.6	8
36	Wtip- and Gadd45a-Interacting Protein Dendrin Is Not Crucial for the Development or Maintenance of the Glomerular Filtration Barrier. <i>PLoS ONE</i> , 2013, 8, e83133.	1.1	7

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37	Novel NPHS2 variant in patients with familial steroid-resistant nephrotic syndrome with early onset, slow progression and dominant inheritance pattern. <i>Clinical and Experimental Nephrology</i> , 2017, 21, 677-684.	0.7	7
38	FYVE domain-containing protein ZFYVE28 regulates EGFR-signaling in podocytes but is not critical for the function of filtration barrier in mice. <i>Scientific Reports</i> , 2018, 8, 4712.	1.6	6
39	Association of crumbs homolog-2 with mTORC1 in developing podocyte. <i>PLoS ONE</i> , 2018, 13, e0202400.	1.1	6
40	Knockdown of Tmem234 in zebrafish results in proteinuria. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, F955-F966.	1.3	5
41	The Number of Podocyte Slit Diaphragms Is Decreased in Minimal Change Nephrotic Syndrome. , 0, .		4
42	The role of Dendrin in IgA Nephropathy. <i>Nephrology Dialysis Transplantation</i> , 0, , .	0.4	3
43	Inactivation of mediator complex protein 22 in podocytes results in intracellular vacuole formation, podocyte loss and premature death. <i>Scientific Reports</i> , 2020, 10, 20037.	1.6	1
44	MO263KLOTHO IS PROTECTIVE IN THE CONTEXT OF ACUTE GLOMERULAR INJURY BUT IS NOT EXPRESSED IN PODOCYTES. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, .	0.4	0