

# Bernhard Schermer

## List of Publications by Year in descending order

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Version: 2024-02-01

131  
papers

12,226  
citations

41323

49  
h-index

26591

107  
g-index

146  
all docs

146  
docs citations

146  
times ranked

16717  
citing authors

#	ARTICLE	IF	CITATIONS
1	MAGED2 controls vasopressin-induced aquaporin-2 expression in collecting duct cells. <i>Journal of Proteomics</i> , 2022, 252, 104424.	1.2	1
2	Super-Resolution Imaging of the Filtration Barrier Suggests a Role for Podocin R229Q in Genetic Predisposition to Glomerular Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2022, 33, 138-154.	3.0	7
3	Three-Dimensional Super-Resolved Imaging of Paraffin-Embedded Kidney Samples. <i>Kidney360</i> , 2022, 3, 446-454.	0.9	7
4	A systematic analysis of diet-induced nephroprotection reveals overlapping changes in cysteine catabolism. <i>Translational Research</i> , 2022, 244, 32-46.	2.2	4
5	GFPT2/GFAT2 and AMDHD2 act in tandem to control the hexosamine pathway. <i>ELife</i> , 2022, 11, .	2.8	18
6	Scaffold polarity proteins Par3A and Par3B share redundant functions while Par3B acts independent of atypical protein kinase C/Par6 in podocytes to maintain the kidney filtration barrier. <i>Kidney International</i> , 2022, 101, 733-751.	2.6	7
7	Caloric restriction reduces the pro-inflammatory eicosanoid 20-hydroxyeicosatetraenoic acid to protect from acute kidney injury. <i>Kidney International</i> , 2022, 102, 560-576.	2.6	4
8	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
9	Targeted deletion of Ruvbl1 results in severe defects of epidermal development and perinatal mortality. <i>Molecular and Cellular Pediatrics</i> , 2021, 8, 1.	1.0	3
10	CALINCA – A Novel Pipeline for the Identification of lncRNAs in Podocyte Disease. <i>Cells</i> , 2021, 10, 692.	1.8	2
11	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
12	Modulation of Endocannabinoids by Caloric Restriction Is Conserved in Mice but Is Not Required for Protection from Acute Kidney Injury. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5485.	1.8	2
13	Expanding the Spectrum of FAT1 Nephropathies by Novel Mutations That Affect Hippo Signaling. <i>Kidney International Reports</i> , 2021, 6, 1368-1378.	0.4	7
14	A mathematical estimation of the physical forces driving podocyte detachment. <i>Kidney International</i> , 2021, 100, 1054-1062.	2.6	8
15	The Atypical Cyclin-Dependent Kinase 5 (Cdk5) Guards Podocytes from Apoptosis in Glomerular Disease While Being Dispensable for Podocyte Development. <i>Cells</i> , 2021, 10, 2464.	1.8	7
16	mTOR-Activating Mutations in RRAGD Are Causative for Kidney Tubulopathy and Cardiomyopathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 2885-2899.	3.0	24
17	Hippo signaling – a central player in cystic kidney disease?. <i>Pediatric Nephrology</i> , 2020, 35, 1143-1152.	0.9	15
18	The proteomic landscape of small urinary extracellular vesicles during kidney transplantation. <i>Journal of Extracellular Vesicles</i> , 2020, 10, e12026.	5.5	30

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19	The carboxyâ€terminus of the human ARPKD protein fibrocystin can control STAT3 signalling by regulating SRCâ€activation. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 14633-14638.	1.6	10
20	A molecular mechanism explaining albuminuria in kidney disease. <i>Nature Metabolism</i> , 2020, 2, 461-474.	5.1	99
21	The Integrated RNA Landscape of Renal Preconditioning against Ischemia-Reperfusion Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 716-730.	3.0	26
22	Affinity-Enhanced Multimeric VEGF (Vascular Endothelial Growth Factor) and PlGF (Placental Growth) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Hypertension, 2020, 76, 1176-1184.	1.3	14
23	Injured Podocytes Are Sensitized to Angiotensin IIâ€Induced Calcium Signaling. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 532-542.	3.0	23
24	Proteome Analysis of Isolated Podocytes Reveals Stress Responses in Glomerular Sclerosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 544-559.	3.0	23
25	Rapid SARS-CoV-2 testing in primary material based on a novel multiplex RT-LAMP assay. <i>PLoS ONE</i> , 2020, 15, e0238612.	1.1	58
26	A protein-RNA interaction atlas of the ribosome biogenesis factor AATF. <i>Scientific Reports</i> , 2019, 9, 11071.	1.6	19
27	Anaerobic Glycolysis Maintains the Glomerular Filtration Barrier Independent of Mitochondrial Metabolism and Dynamics. <i>Cell Reports</i> , 2019, 27, 1551-1566.e5.	2.9	106
28	The RNA-Protein Interactome of Differentiated Kidney Tubular Epithelial Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 564-576.	3.0	16
29	Inactivation of Apoptosis Antagonizing Transcription Factor in tubular epithelial cells induces accumulation of DNA damage and nephronophthisis. <i>Kidney International</i> , 2019, 95, 846-858.	2.6	13
30	Activation of Hypoxia-Inducible Factor Signaling Modulates the RNA Protein Interactome in <i>Caenorhabditis elegans</i> . <i>IScience</i> , 2019, 22, 466-476.	1.9	5
31	The proteome microenvironment determines the protective effect of preconditioning in cisplatin-induced acute kidney injury. <i>Kidney International</i> , 2019, 95, 333-349.	2.6	55
32	Enzyme Replacement Therapy Clears Gb3 Deposits from a Podocyte Cell Culture Model of Fabry Disease but Fails to Restore Altered Cellular Signaling. <i>Cellular Physiology and Biochemistry</i> , 2019, 52, 1139-1150.	1.1	28
33	AATF suppresses apoptosis, promotes proliferation and is critical for Kras-driven lung cancer. <i>Oncogene</i> , 2018, 37, 1503-1518.	2.6	26
34	Single-nephron proteomes connect morphology and function in proteinuric kidney disease. <i>Kidney International</i> , 2018, 93, 1308-1319.	2.6	49
35	Preoperative Shortâ€Term Calorie Restriction for Prevention of Acute Kidney Injury After Cardiac Surgery: A Randomized, Controlled, Openâ€Label, Pilot Trial. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	26
36	Prolineâ€dependent and basophilic kinases phosphorylate human TRPC6 at serine 14 to control channel activity through increased membrane expression. <i>FASEB Journal</i> , 2018, 32, 208-219.	0.2	6

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37	Neph2/Kirrel3 regulates sensory input, motor coordination, and homeostatic activity in rodents. <i>Genes, Brain and Behavior</i> , 2018, 17, e12516.	1.1	17
38	A Multi-layered Quantitative In Vivo Expression Atlas of the Podocyte Unravels Kidney Disease Candidate Genes. <i>Cell Reports</i> , 2018, 23, 2495-2508.	2.9	81
39	A Single-Cell Transcriptome Atlas of the Mouse Glomerulus. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 2060-2068.	3.0	137
40	Targeted deletion of the AAA-ATPase Ruvbl1 in mice disrupts ciliary integrity and causes renal disease and hydrocephalus. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-17.	3.2	22
41	Network for Early Onset Cystic Kidney Diseases—A Comprehensive Multidisciplinary Approach to Hereditary Cystic Kidney Diseases in Childhood. <i>Frontiers in Pediatrics</i> , 2018, 6, 24.	0.9	19
42	Urine-derived cells: a promising diagnostic tool in Fabry disease patients. <i>Scientific Reports</i> , 2018, 8, 11042.	1.6	22
43	An optimized electroporation approach for efficient CRISPR/Cas9 genome editing in murine zygotes. <i>PLoS ONE</i> , 2018, 13, e0196891.	1.1	74
44	Protein half-life determines expression of proteostatic networks in podocyte differentiation. <i>FASEB Journal</i> , 2018, 32, 4696-4713.	0.2	15
45	Krüppel-like Factor 4 (Klf4) in human and mouse lung development: Regulation of AII Cell Homeostasis in Lungs of Newborn Mice Exposed to HYX. , 2018, , .		1
46	Construction of a viral T2A-peptide based knock-in mouse model for enhanced Cre recombinase activity and fluorescent labeling of podocytes. <i>Kidney International</i> , 2017, 91, 1510-1517.	2.6	9
47	YAP-mediated mechanotransduction determines the podocyte's response to damage. <i>Science Signaling</i> , 2017, 10, .	1.6	61
48	Challenges in establishing genotype-phenotype correlations in ARPKD: case report on a toddler with two severe PKHD1 mutations. <i>Pediatric Nephrology</i> , 2017, 32, 1269-1273.	0.9	16
49	N-Degradomic Analysis Reveals a Proteolytic Network Processing the Podocyte Cytoskeleton. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 2867-2878.	3.0	41
50	The ciliary membrane-associated proteome reveals actin-binding proteins as key components of cilia. <i>EMBO Reports</i> , 2017, 18, 1521-1535.	2.0	119
51	Magnetic resonance T2 mapping and diffusion-weighted imaging for early detection of cystogenesis and response to therapy in a mouse model of polycystic kidney disease. <i>Kidney International</i> , 2017, 92, 1544-1554.	2.6	24
52	Characterization of a splice-site mutation in the tumor suppressor gene FLCN associated with renal cancer. <i>BMC Medical Genetics</i> , 2017, 18, 53.	2.1	13
53	Par3A is dispensable for the function of the glomerular filtration barrier of the kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, F112-F119.	1.3	10
54	Quantitative deep mapping of the cultured podocyte proteome uncovers shifts in proteostatic mechanisms during differentiation. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 311, C404-C417.	2.1	31

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55	Endothelial cilia protect against atherosclerosis. <i>EMBO Reports</i> , 2016, 17, 125-126.	2.0	2
56	Cysteine S-Glutathionylation Promotes Stability and Activation of the Hippo Downstream Effector Transcriptional Co-activator with PDZ-binding Motif (TAZ). <i>Journal of Biological Chemistry</i> , 2016, 291, 11596-11607.	1.6	28
57	Prohibitin-2 Depletion Unravels Extra-Mitochondrial Functions at the Kidney Filtration Barrier. <i>American Journal of Pathology</i> , 2016, 186, 1128-1139.	1.9	12
58	Single and Transient Ca <sup>2+</sup> Peaks in Podocytes do not induce Changes in Glomerular Filtration and Perfusion. <i>Scientific Reports</i> , 2016, 6, 35400.	1.6	12
59	Mice lacking microRNAs in Pax8-expressing cells develop hypothyroidism and end-stage renal failure. <i>BMC Molecular Biology</i> , 2016, 17, 11.	3.0	14
60	The ubiquitin ligase Ubr4 controls stability of podocin/MEC-2 supercomplexes. <i>Human Molecular Genetics</i> , 2016, 25, 1328-1344.	1.4	45
61	Jade-1S phosphorylation induced by CK1 $\beta$ contributes to cell cycle progression. <i>Cell Cycle</i> , 2016, 15, 1034-1045.	1.3	9
62	Three-layered proteomic characterization of a novel <i>ACTN4</i> mutation unravels its pathogenic potential in FSGS. <i>Human Molecular Genetics</i> , 2016, 25, 1152-1164.	1.4	36
63	Oral Supplementation of Glucosamine Fails to Alleviate Acute Kidney Injury in Renal Ischemia-Reperfusion Damage. <i>PLoS ONE</i> , 2016, 11, e0161315.	1.1	9
64	Altered lipid metabolism in the aging kidney identified by three layered omic analysis. <i>Aging</i> , 2016, 8, 441-454.	1.4	46
65	Inhibition of insulin/IGF-1 receptor signaling protects from mitochondria-mediated kidney failure. <i>EMBO Molecular Medicine</i> , 2015, 7, 275-287.	3.3	61
66	Genome-Wide Analysis of Wilms' Tumor 1-Controlled Gene Expression in Podocytes Reveals Key Regulatory Mechanisms. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 2097-2104.	3.0	97
67	WT1 targets <i>Gas1</i> to maintain nephron progenitor cells by modulating FGF signals. <i>Development (Cambridge)</i> , 2015, 142, 1254-1266.	1.2	42
68	Loss of Dgcr8-mediated microRNA expression in the kidney results in hydronephrosis and renal malformation. <i>BMC Nephrology</i> , 2015, 16, 55.	0.8	21
69	The NF- $\kappa$ B essential modulator (NEMO) controls podocyte cytoskeletal dynamics independently of NF- $\kappa$ B. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, F617-F626.	1.3	7
70	Comparative phosphoproteomic analysis of mammalian glomeruli reveals conserved podocin C-terminal phosphorylation as a determinant of slit diaphragm complex architecture. <i>Proteomics</i> , 2015, 15, 1326-1331.	1.3	21
71	Low-Molecular Weight Heparin Increases Circulating sFlt-1 Levels and Enhances Urinary Elimination. <i>PLoS ONE</i> , 2014, 9, e85258.	1.1	31
72	Casein Kinase 1 $\beta$ Phosphorylates the Wnt Regulator Jade-1 and Modulates Its Activity. <i>Journal of Biological Chemistry</i> , 2014, 289, 26344-26356.	1.6	19

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73	The Cleaved Cytoplasmic Tail of Polycystin-1 Regulates Src-Dependent STAT3 Activation. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 1737-1748.	3.0	61
74	DAF-16/FOXO and EGL-27/GATA promote developmental growth in response to persistent somatic DNA damage. <i>Nature Cell Biology</i> , 2014, 16, 1168-1179.	4.6	97
75	Phosphoproteomic Analysis Reveals Regulatory Mechanisms at the Kidney Filtration Barrier. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 1509-1522.	3.0	40
76	An approach to cystic kidney diseases: the clinician's view. <i>Nature Reviews Nephrology</i> , 2014, 10, 687-699.	4.1	17
77	Label-free quantitative proteomic analysis of the YAP/TAZ interactome. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 306, C805-C818.	2.1	59
78	Vasopressin-2 Receptor Signaling and Autosomal Dominant Polycystic Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 1140-1147.	3.0	33
79	Breaking the chain at the membrane: paraoxonase 2 counteracts lipid peroxidation at the plasma membrane. <i>FASEB Journal</i> , 2014, 28, 1769-1779.	0.2	57
80	A Disease-causing Mutation Illuminates the Protein Membrane Topology of the Kidney-expressed Prohibitin Homology (PHB) Domain Protein Podocin. <i>Journal of Biological Chemistry</i> , 2014, 289, 11262-11271.	1.6	16
81	Conditional loss of kidney microRNAs results in congenital anomalies of the kidney and urinary tract (CAKUT). <i>Journal of Molecular Medicine</i> , 2013, 91, 739-748.	1.7	37
82	Characterization of a short isoform of the kidney protein podocin in human kidney. <i>BMC Nephrology</i> , 2013, 14, 102.	0.8	18
83	Tracking the fate of glomerular epithelial cells in vivo using serial multiphoton imaging in new mouse models with fluorescent lineage tags. <i>Nature Medicine</i> , 2013, 19, 1661-1666.	15.2	143
84	Transcriptional profiling reveals progeroid <i>Ercc1</i> <sup>-/-</sup> mice as a model system for glomerular aging. <i>BMC Genomics</i> , 2013, 14, 559.	1.2	15
85	Light Microscopic Visualization of Podocyte Ultrastructure Demonstrates Oscillating Glomerular Contractions. <i>American Journal of Pathology</i> , 2013, 182, 332-338.	1.9	40
86	Mutations in <i>NEK8</i> link multiple organ dysplasia with altered Hippo signalling and increased c-MYC expression. <i>Human Molecular Genetics</i> , 2013, 22, 2177-2185.	1.4	84
87	Loss of the <i>Birc6</i> gene product folliculin induces longevity in a hypoxia-inducible factor-dependent manner. <i>Aging Cell</i> , 2013, 12, 593-603.	3.0	12
88	Dysregulated Autophagy Contributes to Podocyte Damage in Fabry's Disease. <i>PLoS ONE</i> , 2013, 8, e63506.	1.1	97
89	Intrinsic proinflammatory signaling in podocytes contributes to podocyte damage and prolonged proteinuria. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, F1473-F1485.	1.3	63
90	Clinical spectrum and pathogenesis of nephronophthisis. <i>Current Opinion in Nephrology and Hypertension</i> , 2012, 21, 272-278.	1.0	38

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91	The ciliopathy disease protein NPHP9 promotes nuclear delivery and activation of the oncogenic transcriptional regulator TAZ. <i>Human Molecular Genetics</i> , 2012, 21, 5528-5538.	1.4	69
92	The Ciliary Protein Nephrocystin-4 Translocates the Canonical Wnt Regulator Jade-1 to the Nucleus to Negatively Regulate $\beta^2$ -Catenin Signaling. <i>Journal of Biological Chemistry</i> , 2012, 287, 25370-25380.	1.6	49
93	Putting the brakes on p53-driven apoptosis. <i>Cell Cycle</i> , 2012, 11, 4122-4128.	1.3	20
94	Exome Capture Reveals ZNF423 and CEP164 Mutations, Linking Renal Ciliopathies to DNA Damage Response Signaling. <i>Cell</i> , 2012, 150, 533-548.	13.5	347
95	AATF/Che-1 acts as a phosphorylation-dependent molecular modulator to repress p53-driven apoptosis. <i>EMBO Journal</i> , 2012, 31, 3961-3975.	3.5	53
96	The Centrosomal Kinase Plk1 Localizes to the Transition Zone of Primary Cilia and Induces Phosphorylation of Nephrocystin-1. <i>PLoS ONE</i> , 2012, 7, e38838.	1.1	44
97	Comparative analysis of Neph gene expression in mouse and chicken development. <i>Histochemistry and Cell Biology</i> , 2012, 137, 355-366.	0.8	29
98	Repression of the genome organizer SATB1 in regulatory T cells is required for suppressive function and inhibition of effector differentiation. <i>Nature Immunology</i> , 2011, 12, 898-907.	7.0	179
99	Mutations in KIF7 link Joubert syndrome with Sonic Hedgehog signaling and microtubule dynamics. <i>Journal of Clinical Investigation</i> , 2011, 121, 2662-2667.	3.9	173
100	The BAR Domain Protein PICK1 Regulates Cell Recognition and Morphogenesis by Interacting with Neph Proteins. <i>Molecular and Cellular Biology</i> , 2011, 31, 3241-3251.	1.1	14
101	NPHP4, a cilia-associated protein, negatively regulates the Hippo pathway. <i>Journal of Cell Biology</i> , 2011, 193, 633-642.	2.3	142
102	Nephrocystin-4 Regulates Pyk2-induced Tyrosine Phosphorylation of Nephrocystin-1 to Control Targeting to Monocilia. <i>Journal of Biological Chemistry</i> , 2011, 286, 14237-14245.	1.6	22
103	Transition zone proteins and cilia dynamics. <i>Nature Genetics</i> , 2011, 43, 723-724.	9.4	19
104	PDZD7 is a modifier of retinal disease and a contributor to digenic Usher syndrome. <i>Journal of Clinical Investigation</i> , 2011, 121, 821-821.	3.9	3
105	<i>Listeria monocytogenes</i> Infection in Macrophages Induces Vacuolar-Dependent Host miRNA Response. <i>PLoS ONE</i> , 2011, 6, e27435.	1.1	90
106	p35, the non-cyclin activator of Cdk5, protects podocytes against apoptosis in vitro and in vivo. <i>Kidney International</i> , 2010, 77, 690-699.	2.6	33
107	PDZD7 is a modifier of retinal disease and a contributor to digenic Usher syndrome. <i>Journal of Clinical Investigation</i> , 2010, 120, 1812-1823.	3.9	203
108	The von Hippel Lindau Tumor Suppressor Limits Longevity. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 2513-2517.	3.0	45

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109	Lipid-Protein Interactions along the Slit Diaphragm of Podocytes. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 473-478.	3.0	55
110	Discovery of microvascular miRNAs using public gene expression data: miR-145 is expressed in pericytes and is a regulator of Fli1. <i>Genome Medicine</i> , 2009, 1, 108.	3.6	82
111	Loss of Nephrocystin-3 Function Can Cause Embryonic Lethality, Meckel-Gruber-like Syndrome, Situs Inversus, and Renal-Hepatic-Pancreatic Dysplasia. <i>American Journal of Human Genetics</i> , 2008, 82, 959-970.	2.6	294
112	KIBRA Modulates Directional Migration of Podocytes. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 1891-1903.	3.0	112
113	Podocyte-Specific Deletion of Dicer Alters Cytoskeletal Dynamics and Causes Glomerular Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 2150-2158.	3.0	300
114	Neph-Nephrin Proteins Bind the Par3-Par6-Atypical Protein Kinase C (aPKC) Complex to Regulate Podocyte Cell Polarity. <i>Journal of Biological Chemistry</i> , 2008, 283, 23033-23038.	1.6	97
115	Extracellular Phosphorylation of Collagen XVII by Ecto-Casein Kinase 2 Inhibits Ectodomain Shedding. <i>Journal of Biological Chemistry</i> , 2007, 282, 22737-22746.	1.6	48
116	Podocin Organizes Ion Channel-Lipid Supercomplexes: Implications for Mechanosensation at the Slit Diaphragm. <i>Nephron Experimental Nephrology</i> , 2007, 106, e27-e31.	2.4	81
117	A Mammalian microRNA Expression Atlas Based on Small RNA Library Sequencing. <i>Cell</i> , 2007, 129, 1401-1414.	13.5	3,390
118	Nephrocystin Specifically Localizes to the Transition Zone of Renal and Respiratory Cilia and Photoreceptor Connecting Cilia. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 2424-2433.	3.0	133
119	Podocin and MEC-2 bind cholesterol to regulate the activity of associated ion channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 17079-17086.	3.3	262
120	The von Hippel-Lindau tumor suppressor protein controls ciliogenesis by orienting microtubule growth. <i>Journal of Cell Biology</i> , 2006, 175, 547-554.	2.3	165
121	Inversin, the gene product mutated in nephronophthisis type II, functions as a molecular switch between Wnt signaling pathways. <i>Nature Genetics</i> , 2005, 37, 537-543.	9.4	680
122	Trafficking of TRPP2 by PACS proteins represents a novel mechanism of ion channel regulation. <i>EMBO Journal</i> , 2005, 24, 705-716.	3.5	237
123	Phosphorylation by casein kinase 2 induces PACS-1 binding of nephrocystin and targeting to cilia. <i>EMBO Journal</i> , 2005, 24, 4415-4424.	3.5	92
124	Mutations in a novel gene, NPHP3, cause adolescent nephronophthisis, tapeto-retinal degeneration and hepatic fibrosis. <i>Nature Genetics</i> , 2003, 34, 455-459.	9.4	345
125	Mutations in INVS encoding inversin cause nephronophthisis type 2, linking renal cystic disease to the function of primary cilia and left-right axis determination. <i>Nature Genetics</i> , 2003, 34, 413-420.	9.4	582
126	Nephrin and CD2AP Associate with Phosphoinositide 3-OH Kinase and Stimulate AKT-Dependent Signaling. <i>Molecular and Cellular Biology</i> , 2003, 23, 4917-4928.	1.1	348

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127	The Carboxyl Terminus of Neph Family Members Binds to the PDZ Domain Protein Zonula Occludens-1. <i>Journal of Biological Chemistry</i> , 2003, 278, 13417-13421.	1.6	112
128	Interaction of 14-3-3 Protein with Regulator of G Protein Signaling 7 Is Dynamically Regulated by Tumor Necrosis Factor- $\alpha$ . <i>Journal of Biological Chemistry</i> , 2002, 277, 32954-32962.	1.6	51
129	14-3-3 Interacts with Regulator of G Protein Signaling Proteins and Modulates Their Activity. <i>Journal of Biological Chemistry</i> , 2000, 275, 28167-28172.	1.6	104
130	Upregulation of RGS7 may contribute to tumor necrosis factor-induced changes in central nervous function. <i>Nature Medicine</i> , 1999, 5, 913-918.	15.2	71
131	Inhibition of the production of endothelium-derived hyperpolarizing factor by cannabinoid receptor agonists. <i>British Journal of Pharmacology</i> , 1999, 126, 949-960.	2.7	58