

# Thomas Benzing

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7425923/publications.pdf>

Version: 2024-02-01

136  
papers

7,409  
citations

57758

44  
h-index

62596

80  
g-index

147  
all docs

147  
docs citations

147  
times ranked

8683  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pre-eclampsia: pathogenesis, novel diagnostics and therapies. <i>Nature Reviews Nephrology</i> , 2019, 15, 275-289.	9.6	609
2	Nephrin and CD2AP Associate with Phosphoinositide 3-OH Kinase and Stimulate AKT-Dependent Signaling. <i>Molecular and Cellular Biology</i> , 2003, 23, 4917-4928.	2.3	348
3	Interaction with Podocin Facilitates Nephrin Signaling. <i>Journal of Biological Chemistry</i> , 2001, 276, 41543-41546.	3.4	304
4	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.	6.1	300
5	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.	7.1	262
6	Signaling at the Slit Diaphragm. <i>Journal of the American Society of Nephrology: JASN</i> , 2004, 15, 1382-1391.	6.1	236
7	Molecular basis of the functional podocin-nephrin complex: mutations in the NPHS2 gene disrupt nephrin targeting to lipid raft microdomains. <i>Human Molecular Genetics</i> , 2003, 12, 3397-3405.	2.9	231
8	AgRP Neurons Control Systemic Insulin Sensitivity via Myostatin Expression in Brown Adipose Tissue. <i>Cell</i> , 2016, 165, 125-138.	28.9	222
9	Removal of Soluble Fms-Like Tyrosine Kinase-1 by Dextran Sulfate Apheresis in Preeclampsia. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 903-913.	6.1	213
10	Recommendations for the use of tolvaptan in autosomal dominant polycystic kidney disease: a position statement on behalf of the ERA-EDTA Working Groups on Inherited Kidney Disorders and European Renal Best Practice. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, 337-348.	0.7	206
11	The slit diaphragm: a signaling platform to regulate podocyte function. <i>Current Opinion in Nephrology and Hypertension</i> , 2005, 14, 211-216.	2.0	196
12	The role of the podocyte in albumin filtration. <i>Nature Reviews Nephrology</i> , 2013, 9, 328-336.	9.6	185
13	NPHP4, a cilia-associated protein, negatively regulates the Hippo pathway. <i>Journal of Cell Biology</i> , 2011, 193, 633-642.	5.2	142
14	A Single-Cell Transcriptome Atlas of the Mouse Glomerulus. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 2060-2068.	6.1	137
15	The ciliary membrane-associated proteome reveals actin-binding proteins as key components of cilia. <i>EMBO Reports</i> , 2017, 18, 1521-1535.	4.5	119
16	The hallmarks of cancer: relevance to the pathogenesis of polycystic kidney disease. <i>Nature Reviews Nephrology</i> , 2015, 11, 515-534.	9.6	115
17	Anaerobic Glycolysis Maintains the Glomerular Filtration Barrier Independent of Mitochondrial Metabolism and Dynamics. <i>Cell Reports</i> , 2019, 27, 1551-1566.e5.	6.4	106
18	A molecular mechanism explaining albuminuria in kidney disease. <i>Nature Metabolism</i> , 2020, 2, 461-474.	11.9	99

#	ARTICLE	IF	CITATIONS
19	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.	3.4	97
20	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.	10.3	97
21	Genome-Wide Analysis of Wilms's 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.	6.1	97
22	Insights into Glomerular Filtration and Albuminuria. <i>New England Journal of Medicine</i> , 2021, 384, 1437-1446.	27.0	96
23	Opposing effects of podocin on the gating of podocyte TRPC6 channels evoked by membrane stretch or diacylglycerol. <i>American Journal of Physiology - Cell Physiology</i> , 2013, 305, C276-C289.	4.6	93
24	Wnt Signaling in Polycystic Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 1389-1398.	6.1	87
25	Podocin Organizes Ion Channel-Lipid Supercomplexes: Implications for Mechanosensation at the Slit Diaphragm. <i>Nephron Experimental Nephrology</i> , 2007, 106, e27-e31.	2.2	81
26	A Multi-layered Quantitative In Vivo Expression Atlas of the Podocyte Unravels Kidney Disease Candidate Genes. <i>Cell Reports</i> , 2018, 23, 2495-2508.	6.4	81
27	mTOR Regulates Endocytosis and Nutrient Transport in Proximal Tubular Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 230-241.	6.1	79
28	NEPH2 Is Located at the Glomerular Slit Diaphragm, Interacts with Nephrin and Is Cleaved from Podocytes by Metalloproteinases. <i>Journal of the American Society of Nephrology: JASN</i> , 2005, 16, 1693-1702.	6.1	77
29	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.	2.9	69
30	A flexible, multilayered protein scaffold maintains the slit in between glomerular podocytes. <i>JCI Insight</i> , 2016, 1, .	5.0	69
31	NOX2 interacts with podocyte TRPC6 channels and contributes to their activation by diacylglycerol: essential role of podocin in formation of this complex. <i>American Journal of Physiology - Cell Physiology</i> , 2013, 305, C960-C971.	4.6	66
32	Intrinsic proinflammatory signaling in podocytes contributes to podocyte damage and prolonged proteinuria. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, F1473-F1485.	2.7	63
33	Inhibition of insulin/IGF-1 receptor signaling protects from mitochondria-mediated kidney failure. <i>EMBO Molecular Medicine</i> , 2015, 7, 275-287.	6.9	61
34	YAP-mediated mechanotransduction determines the podocyte's response to damage. <i>Science Signaling</i> , 2017, 10, .	3.6	61
35	Label-free quantitative proteomic analysis of the YAP/TAZ interactome. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 306, C805-C818.	4.6	59
36	Rapid SARS-CoV-2 testing in primary material based on a novel multiplex RT-LAMP assay. <i>PLoS ONE</i> , 2020, 15, e0238612.	2.5	58

#	ARTICLE	IF	CITATIONS
37	Breaking the chain at the membrane: paraoxonase 2 counteracts lipid peroxidation at the plasma membrane. <i>FASEB Journal</i> , 2014, 28, 1769-1779.	0.5	57
38	Lipid-Protein Interactions along the Slit Diaphragm of Podocytes. <i>Journal of the American Society of Nephrology: JASN</i> , 2009, 20, 473-478.	6.1	55
39	The proteome microenvironment determines the protective effect of preconditioning in cisplatin-induced acute kidney injury. <i>Kidney International</i> , 2019, 95, 333-349.	5.2	55
40	Single-cell RNA sequencing reveals the mesangial identity and species diversity of glomerular cell transcriptomes. <i>Nature Communications</i> , 2021, 12, 2141.	12.8	55
41	Cilium-generated signaling: a cellular GPS?. <i>Current Opinion in Nephrology and Hypertension</i> , 2006, 15, 245-249.	2.0	53
42	AATF/Che-1 acts as a phosphorylation-dependent molecular modulator to repress p53-driven apoptosis. <i>EMBO Journal</i> , 2012, 31, 3961-3975.	7.8	53
43	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.	3.4	51
44	Clinical courses and complications of young adults with Autosomal Recessive Polycystic Kidney Disease (ARPKD). <i>Scientific Reports</i> , 2019, 9, 7919.	3.3	50
45	COVID-19 mortality as a fingerprint of biological age. <i>Ageing Research Reviews</i> , 2021, 67, 101308.	10.9	50
46	Single-nephron proteomes connect morphology and function in proteinuric kidney disease. <i>Kidney International</i> , 2018, 93, 1308-1319.	5.2	49
47	Altered lipid metabolism in the aging kidney identified by three layered omic analysis. <i>Aging</i> , 2016, 8, 441-454.	3.1	46
48	The ubiquitin ligase Ubr4 controls stability of podocin/MEC-2 supercomplexes. <i>Human Molecular Genetics</i> , 2016, 25, 1328-1344.	2.9	45
49	WT1 targets <i>Gas1</i> to maintain nephron progenitor cells by modulating FGF signals. <i>Development (Cambridge)</i> , 2015, 142, 1254-1266.	2.5	42
50	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.	6.1	41
51	Light Microscopic Visualization of Podocyte Ultrastructure Demonstrates Oscillating Glomerular Contractions. <i>American Journal of Pathology</i> , 2013, 182, 332-338.	3.8	40
52	Phosphoproteomic Analysis Reveals Regulatory Mechanisms at the Kidney Filtration Barrier. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 1509-1522.	6.1	40
53	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.	3.9	37
54	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.	2.9	36

#	ARTICLE	IF	CITATIONS
55	Vasopressin-2 Receptor Signaling and Autosomal Dominant Polycystic Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 1140-1147.	6.1	33
56	Management of autosomal-dominant polycystic kidney disease—state-of-the-art. <i>CKJ: Clinical Kidney Journal</i> , 2018, 11, i2-i13.	2.9	32
57	Low-Molecular Weight Heparin Increases Circulating sFlt-1 Levels and Enhances Urinary Elimination. <i>PLoS ONE</i> , 2014, 9, e85258.	2.5	31
58	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.	4.6	31
59	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.	3.4	28
60	Maintaining proteostasis under mechanical stress. <i>EMBO Reports</i> , 2021, 22, e52507.	4.5	28
61	RNA-binding proteins and their role in kidney disease. <i>Nature Reviews Nephrology</i> , 2022, 18, 153-170.	9.6	27
62	AATF suppresses apoptosis, promotes proliferation and is critical for Kras-driven lung cancer. <i>Oncogene</i> , 2018, 37, 1503-1518.	5.9	26
63	Preoperative Short-Term Calorie Restriction for Prevention of Acute Kidney Injury After Cardiac Surgery: A Randomized, Controlled, Open-Label, Pilot Trial. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	26
64	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.	6.1	26
65	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.	5.2	24
66	Injured Podocytes Are Sensitized to Angiotensin II-Induced Calcium Signaling. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 532-542.	6.1	23
67	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.	6.1	23
68	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.	7.7	22
69	Urine-derived cells: a promising diagnostic tool in Fabry disease patients. <i>Scientific Reports</i> , 2018, 8, 11042.	3.3	22
70	The prognostic significance of geriatric syndromes and resources. <i>Aging Clinical and Experimental Research</i> , 2020, 32, 115-124.	2.9	22
71	Loss of Dgcr8-mediated microRNA expression in the kidney results in hydronephrosis and renal malformation. <i>BMC Nephrology</i> , 2015, 16, 55.	1.8	21
72	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.	2.2	21

#	ARTICLE	IF	CITATIONS
73	Putting the brakes on p53-driven apoptosis. <i>Cell Cycle</i> , 2012, 11, 4122-4128.	2.6	20
74	Cyclin I and p35 determine the subcellular distribution of Cdk5. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 308, C339-C347.	4.6	20
75	Glomerular podocytes in kidney health and disease. <i>Lancet, The</i> , 2019, 393, 856-858.	13.7	20
76	A functional variant in NEPH3 gene confers high risk of renal failure in primary hematuric glomerulopathies. Evidence for predisposition to microalbuminuria in the general population. <i>PLoS ONE</i> , 2017, 12, e0174274.	2.5	20
77	Casein Kinase 1 $\hat{\pm}$ Phosphorylates the Wnt Regulator Jade-1 and Modulates Its Activity. <i>Journal of Biological Chemistry</i> , 2014, 289, 26344-26356.	3.4	19
78	Proteomic analysis of the kidney filtration barrierâ€™Problems and perspectives. <i>Proteomics - Clinical Applications</i> , 2015, 9, 1053-1068.	1.6	19
79	A protein-RNA interaction atlas of the ribosome biogenesis factor AATF. <i>Scientific Reports</i> , 2019, 9, 11071.	3.3	19
80	Characterization of a short isoform of the kidney protein podocin in human kidney. <i>BMC Nephrology</i> , 2013, 14, 102.	1.8	18
81	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.	5.2	18
82	Accelerated lysine metabolism conveys kidney protection in salt-sensitive hypertension. <i>Nature Communications</i> , 2022, 13, .	12.8	18
83	An approach to cystic kidney diseases: the clinician's view. <i>Nature Reviews Nephrology</i> , 2014, 10, 687-699.	9.6	17
84	Neph2/Kirrel3 regulates sensory input, motor coordination, and homeâ€™eage activity in rodents. <i>Genes, Brain and Behavior</i> , 2018, 17, e12516.	2.2	17
85	First use of the antiâ€™VWF nanobody caplacizumab to treat iTTP in pregnancy. <i>British Journal of Haematology</i> , 2022, 196, .	2.5	17
86	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.	3.4	16
87	The RNA-Protein Interactome of Differentiated Kidney Tubular Epithelial Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 564-576.	6.1	16
88	Protein halfâ€™life determines expression of proteostatic networks in podocyte differentiation. <i>FASEB Journal</i> , 2018, 32, 4696-4713.	0.5	15
89	$\hat{\pm}$ -Parvin Defines a Specific Integrin Adhesome to Maintain the Glomerular Filtration Barrier. <i>Journal of the American Society of Nephrology: JASN</i> , 2022, 33, 786-808.	6.1	15
90	Immune Responses to SARS-CoV-2 Infection and Vaccination in Dialysis Patients and Kidney Transplant Recipients. <i>Microorganisms</i> , 2022, 10, 4.	3.6	15

#	ARTICLE	IF	CITATIONS
91	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
92	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.	2.7	14
93	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
94	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.	5.2	13
95	Dietary restriction for prevention of contrast-induced acute kidney injury in patients undergoing percutaneous coronary angiography: a randomized controlled trial. <i>Scientific Reports</i> , 2020, 10, 5202.	3.3	13
96	Prohibitin-2 Depletion Unravels Extra-Mitochondrial Functions at the Kidney Filtration Barrier. <i>American Journal of Pathology</i> , 2016, 186, 1128-1139.	3.8	12
97	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.	3.3	12
98	Detection of multiple annexin autoantibodies in a patient with recurrent miscarriages, fulminant stroke and seronegative antiphospholipid syndrome. <i>Biochemia Medica</i> , 2016, 26, 272-278.	2.7	11
99	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.	2.7	10
100	Cystic Kidney Diseases From the Adult Nephrologistâ€™s Point of View. <i>Frontiers in Pediatrics</i> , 2018, 6, 65.	1.9	10
101	The Multidimensional Prognostic Index in general practice: Oneâ€™year followâ€™up study. <i>International Journal of Clinical Practice</i> , 2019, 73, e13403.	1.7	10
102	Che-1/AATF-induced transcriptionally active chromatin promotes cell proliferation in multiple myeloma. <i>Blood Advances</i> , 2020, 4, 5616-5630.	5.2	10
103	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.	3.6	10
104	Jade-1S phosphorylation induced by CK1Î± contributes to cell cycle progression. <i>Cell Cycle</i> , 2016, 15, 1034-1045.	2.6	9
105	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.	5.2	9
106	Case report: a peculiar glomerulopathy in a patient suffering from nephrotic syndrome. <i>BMC Nephrology</i> , 2019, 20, 326.	1.8	9
107	Role of a multidimensional prognosis inâ€™hospital monitoring for older patients with prolonged stay. <i>International Journal of Clinical Practice</i> , 2021, 75, e13989.	1.7	9
108	Oral Supplementation of Glucosamine Fails to Alleviate Acute Kidney Injury in Renal Ischemia-Reperfusion Damage. <i>PLoS ONE</i> , 2016, 11, e0161315.	2.5	9

#	ARTICLE	IF	CITATIONS
109	The impact of oral health on prognosis of older multimorbid inpatients: the 6-month follow up MPI oral health study (MPIOH). <i>European Geriatric Medicine</i> , 2021, 12, 263-273.	2.8	8
110	A mathematical estimation of the physical forces driving podocyte detachment. <i>Kidney International</i> , 2021, 100, 1054-1062.	5.2	8
111	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.	2.7	7
112	The prognostic signature of health-related quality of life in older patients admitted to the emergency department: a 6-month follow-up study. <i>Aging Clinical and Experimental Research</i> , 2020, 33, 2203-2211.	2.9	7
113	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.	4.1	7
114	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.	6.1	7
115	Three-Dimensional Super-Resolved Imaging of Paraffin-Embedded Kidney Samples. <i>Kidney360</i> , 2022, 3, 446-454.	2.1	7
116	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.	5.2	7
117	Pleiotropic signaling evoked by tumor necrosis factor in podocytes. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, F98-F108.	2.7	6
118	Proline-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.	0.5	6
119	Activation of Hypoxia-Inducible Factor Signaling Modulates the RNA Protein Interactome in <i>Caenorhabditis elegans</i> . <i>iScience</i> , 2019, 22, 466-476.	4.1	5
120	Monitoring of hepatitis E virus RNA during treatment for chronic hepatitis E virus infection after renal transplantation. <i>Immunity, Inflammation and Disease</i> , 2021, 9, 513-520.	2.7	5
121	Genetic Testing Comes of Age: WT1 Mutations in Steroid-Resistant Nephrotic Syndrome: Commentary on the article by Mucha et al. on page 325. <i>Pediatric Research</i> , 2006, 59, 165-166.	2.3	4
122	Testing for pre-eclampsia: paving the way to early diagnosis. <i>Nature Reviews Nephrology</i> , 2016, 12, 200-202.	9.6	4
123	MOLECULAR DESIGN OF THE KIDNEY FILTRATION BARRIER. <i>Transactions of the American Clinical and Climatological Association</i> , 2020, 131, 125-139.	0.5	4
124	A systematic analysis of diet-induced nephroprotection reveals overlapping changes in cysteine catabolism. <i>Translational Research</i> , 2022, 244, 32-46.	5.0	4
125	Caloric restriction reduces the pro-inflammatory eicosanoid 20-hydroxyeicosatetraenoic acid to protect from acute kidney injury. <i>Kidney International</i> , 2022, 102, 560-576.	5.2	4
126	The Grand Challenge of Nephrology. <i>Frontiers in Medicine</i> , 2014, 1, 28.	2.6	3



#	ARTICLE	IF	CITATIONS
127	A newly established clinical registry of minimal change disease and focal and segmental glomerulosclerosis in Germany. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, 1983-1986.	0.7	3
128	Targeted deletion of <i>Ruvbl1</i> results in severe defects of epidermal development and perinatal mortality. <i>Molecular and Cellular Pediatrics</i> , 2021, 8, 1.	1.8	3
129	Endothelial cilia protect against atherosclerosis. <i>EMBO Reports</i> , 2016, 17, 125-126.	4.5	2
130	Viewing Cortical Collecting Duct Function Through Phenotype-guided Single-Tubule Proteomics. <i>Function</i> , 2020, 1, zqaa007.	2.3	2
131	CALINCA – A Novel Pipeline for the Identification of lncRNAs in Podocyte Disease. <i>Cells</i> , 2021, 10, 692.	4.1	2
132	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.	4.1	2
133	Successful use of TNF $\pm$ blockade in a severe case of idiopathic non-granulomatous ulcerative jejunoileitis associated with thrombotic thrombocytopenic purpura. <i>BMJ Open Gastroenterology</i> , 2019, 6, e000252.	2.7	1
134	MAGED2 controls vasopressin-induced aquaporin-2 expression in collecting duct cells. <i>Journal of Proteomics</i> , 2022, 252, 104424.	2.4	1
135	Prognostic Signature of Chronic Kidney Disease in Advanced Age: Secondary Analysis from the InGAH Study with One-Year Follow-Up. <i>Biomolecules</i> , 2022, 12, 423.	4.0	1
136	HALTing PKD progression – revival of blood pressure control. <i>Nature Reviews Nephrology</i> , 2015, 11, 129-131.	9.6	0