

Tobias B Huber

List of Publications by Year in Descending Order

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Version: 2024-04-10

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

230 papers	19,855 citations	63 h-index	139 g-index
255 ext. papers	23,947 ext. citations	10.6 avg, IF	6.35 L-index

#	Paper	IF	Citations
230	Persistent SOMatic symptoms ACROSS diseases - from risk factors to modification: scientific framework and overarching protocol of the interdisciplinary SOMACROSS research unit (RU 5211).. <i>BMJ Open</i> , 2022 , 12, e057596	3	2
229	Ravulizumab in Preemptive Living Donor Kidney Transplantation in Hereditary Atypical Hemolytic Uremic Syndrome.. <i>Transplantation Direct</i> , 2022 , 8, e1289	2.3	0
228	Collateral Effects and Mortality of Kidney Transplant Recipients during the COVID-19 Pandemic.. <i>Kidney360</i> , 2022 , 3, 325-336	1.8	1
227	Multi-organ assessment in mainly non-hospitalized individuals after SARS-CoV-2 infection: The Hamburg City Health Study COVID programme.. <i>European Heart Journal</i> , 2022 ,	9.5	21
226	The Calcium-Sensing Receptor Stabilizes Podocyte Function in Proteinuric Humans and Mice.. <i>Kidney International</i> , 2022 ,	9.9	1
225	Conventional NK Cells and Type 1 Innate Lymphoid Cells Do Not Influence Pathogenesis of Experimental Glomerulonephritis.. <i>Journal of Immunology</i> , 2022 , 208, 1585-1594	5.3	1
224	Donor-transmitted extramedullary acute myeloid leukaemia after living donor kidney transplantation.. <i>British Journal of Haematology</i> , 2022 ,	4.5	0
223	The Amphiregulin/EGFR axis protects from lupus nephritis via downregulation of pathogenic CD4 T helper cell responses.. <i>Journal of Autoimmunity</i> , 2022 , 129, 102829	15.5	0
222	Th17 cell plasticity towards a T-bet-dependent Th1 phenotype is required for bacterial control in Staphylococcus aureus infection.. <i>PLoS Pathogens</i> , 2022 , 18, e1010430	7.6	0
221	Collapsing Focal Segmental Glomerulosclerosis in Viral Infections.. <i>Frontiers in Immunology</i> , 2021 , 12, 800074	8.4	3
220	Dichotomous responses to chronic fetal hypoxia lead to a predetermined aging phenotype.. <i>Molecular and Cellular Proteomics</i> , 2021 , 100190	7.6	0
219	SARS-CoV-2 infects the human kidney and drives fibrosis in kidney organoids.. <i>Cell Stem Cell</i> , 2021 ,	18	24
218	IL-17 Receptor C Signaling Controls CD4 T17 Immune Responses and Tissue Injury in Immune-Mediated Kidney Diseases.. <i>Journal of the American Society of Nephrology: JASN</i> , 2021 , 32, 3081-3098	12.7	3
217	Cardiac SARS-CoV-2 infection is associated with pro-inflammatory transcriptomic alterations within the heart. <i>Cardiovascular Research</i> , 2021 ,	9.9	4
216	Decoding myofibroblast origins in human kidney fibrosis. <i>Nature</i> , 2021 , 589, 281-286	50.4	113
215	Long-Term Improvement of Chronic Low-Grade Inflammation After Bariatric Surgery. <i>Obesity Surgery</i> , 2021 , 31, 2913-2920	3.7	3
214	EPB41L5 controls podocyte extracellular matrix assembly by adhesome-dependent force transmission. <i>Cell Reports</i> , 2021 , 34, 108883	10.6	10

213	Perspectives in membranous nephropathy. <i>Cell and Tissue Research</i> , 2021 , 385, 405-422	4.2	7
212	Deep learning-based molecular morphometrics for kidney biopsies. <i>JCI Insight</i> , 2021 , 6,	9.9	7
211	Proteomics: A Tool to Study Platelet Function. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
210	Immune-mediated entities of (primary) focal segmental glomerulosclerosis. <i>Cell and Tissue Research</i> , 2021 , 385, 423-434	4.2	5
209	MO134COVID-19-ASSOCIATED KIDNEY INJURY IS CHARACTERIZED BY ACUTE TUBULAR NECROSIS AND CAPILLARY CONGESTION WITH EVIDENCE FOR SARS-COV-2 IN THE NEPHRON. <i>Nephrology Dialysis Transplantation</i> , 2021 , 36,	4.3	78
208	Upregulation of HLA-F expression by BK polyomavirus infection induces immune recognition by KIR3DS1-positive natural killer cells. <i>Kidney International</i> , 2021 , 99, 1140-1148	9.9	3
207	Patient Characteristics and Clinical Course of COVID-19 Patients Treated at a German Tertiary Center during the First and Second Waves in the Year 2020. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	5
206	Pro-cachectic factors link experimental and human chronic kidney disease to skeletal muscle wasting programs. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	7
205	Tripartite Separation of Glomerular Cell Types and Proteomes from Reporter-Free Mice. <i>Journal of the American Society of Nephrology: JASN</i> , 2021 , 32, 2175-2193	12.7	2
204	Convalescent plasma treatment for early post-kidney transplant acquired COVID-19. <i>Transplant Infectious Disease</i> , 2021 , 23, e13685	2.7	2
203	Plasminogen deficiency does not prevent sodium retention in a genetic mouse model of experimental nephrotic syndrome. <i>Acta Physiologica</i> , 2021 , 231, e13512	5.6	12
202	Bariatric Surgery Is Protective Against Renal Function Decline in Severely Obese Patients in the Long-Term. <i>Obesity Surgery</i> , 2021 , 31, 1038-1045	3.7	2
201	A protocol for rat kidney normothermic machine perfusion and subsequent transplantation. <i>Artificial Organs</i> , 2021 , 45, 168-174	2.6	0
200	Xenotropic and polytropic retrovirus receptor 1 regulates procoagulant platelet polyphosphate. <i>Blood</i> , 2021 , 137, 1392-1405	2.2	11
199	Urinary Extracellular Vesicles Magic Particles for Biomarker Discovery. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1306, 29-40	3.6	0
198	SRGAP1 Controls Small Rho GTPases To Regulate Podocyte Foot Process Maintenance. <i>Journal of the American Society of Nephrology: JASN</i> , 2021 , 32, 563-579	12.7	4
197	Deep Learning-Based Bias Transfer for Overcoming Laboratory Differences of Microscopic Images. <i>Lecture Notes in Computer Science</i> , 2021 , 322-336	0.9	1
196	Surprising Hyperkalemia of 10.2 mmol/L in a Patient with Hyperglycemia: A Case Report. <i>Case Reports in Nephrology and Dialysis</i> , 2021 , 11, 69-77	1.3	1

195	Clonal expansion and activation of tissue-resident memory-like Th17 cells expressing GM-CSF in the lungs of severe COVID-19 patients. <i>Science Immunology</i> , 2021 , 6,	28	54
194	COVID-19-associated Nephropathy Includes Tubular Necrosis and Capillary Congestion, with Evidence of SARS-CoV-2 in the Nephron.. <i>Kidney360</i> , 2021 , 2, 639-652	1.8	6
193	A muscle growth-promoting treatment based on the attenuation of activin/myostatin signalling results in long-term testicular abnormalities. <i>DMM Disease Models and Mechanisms</i> , 2021 , 14,	4.1	1
192	ADAM10-Mediated Ectodomain Shedding Is an Essential Driver of Podocyte Damage. <i>Journal of the American Society of Nephrology: JASN</i> , 2021 , 32, 1389-1408	12.7	1
191	Validation of a Prospective Urinalysis-Based Prediction Model for ICU Resources and Outcome of COVID-19 Disease: A Multicenter Cohort Study. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	3
190	Across scales: novel insights into kidney health and disease by structural biology. <i>Kidney International</i> , 2021 , 100, 281-288	9.9	
189	Multiorgan tropism of SARS-CoV-2 lineage B.1.1.7. <i>International Journal of Legal Medicine</i> , 2021 , 135, 2347-2349	3.1	4
188	Increased rejection rates in kidney transplantations during the COVID-19 pandemic. <i>Transplant International</i> , 2021 ,	3	0
187	Role of mTOR Signaling for Tubular Function and Disease. <i>Physiology</i> , 2021 , 36, 350-358	9.8	0
186	Association of SARS-CoV-2 renal tropism with acute kidney injury - AuthorsReply. <i>Lancet, The</i> , 2020 , 396, 1881-1882	40	2
185	Multiorgan and Renal Tropism of SARS-CoV-2. <i>New England Journal of Medicine</i> , 2020 , 383, 590-592	59.2	978
184	Microbiota-Induced Type I Interferons Instruct a Poised Basal State of Dendritic Cells. <i>Cell</i> , 2020 , 181, 1080-1096.e19	56.2	63
183	COVID-19-associated nephritis: early warning for disease severity and complications?. <i>Lancet, The</i> , 2020 , 395, e87-e88	40	58
182	Neural metabolic imbalance induced by MOF dysfunction triggers pericyte activation and breakdown of vasculature. <i>Nature Cell Biology</i> , 2020 , 22, 828-841	23.4	14
181	A reciprocal regulation of spermidine and autophagy in podocytes maintains the filtration barrier. <i>Kidney International</i> , 2020 , 98, 1434-1448	9.9	2
180	Distinct Modes of Balancing Glomerular Cell Proteostasis in Mucopolidosis Type II and III Prevent Proteinuria. <i>Journal of the American Society of Nephrology: JASN</i> , 2020 , 31, 1796-1814	12.7	5
179	Cellular and Molecular Probing of Intact Human Organs. <i>Cell</i> , 2020 , 180, 796-812.e19	56.2	96
178	Inhibition of Activin/Myostatin signalling induces skeletal muscle hypertrophy but impairs mouse testicular development. <i>European Journal of Translational Myology</i> , 2020 , 30, 8737	2.1	5

177	Dysregulated mesenchymal PDGFR- β drives kidney fibrosis. <i>EMBO Molecular Medicine</i> , 2020 , 12, e11021	12	17
176	A Localized Scaffold for cGMP Increase Is Required for Apical Dendrite Development. <i>Cell Reports</i> , 2020 , 31, 107519	10.6	1
175	Human C-terminal CUBN variants associate with chronic proteinuria and normal renal function. <i>Journal of Clinical Investigation</i> , 2020 , 130, 335-344	15.9	28
174	Nierenpathologische Befunde bei COVID-19-Patienten. <i>Kliniker</i> , 2020 , 49, 425-428	0	
173	Diminution in sperm quantity and quality in mouse models of Duchenne Muscular Dystrophy induced by a myostatin-based muscle growth-promoting intervention. <i>European Journal of Translational Myology</i> , 2020 , 30, 8904	2.1	3
172	Isolating Urinary Extracellular Vesicles as Biomarkers for Diabetic Disease. <i>Methods in Molecular Biology</i> , 2020 , 2067, 175-188	1.4	11
171	Interleukin-9 protects from early podocyte injury and progressive glomerulosclerosis in Adriamycin-induced nephropathy. <i>Kidney International</i> , 2020 , 98, 615-629	9.9	10
170	A novel mouse model of phospholipase A2 receptor 1-associated membranous nephropathy mimics podocyte injury in patients. <i>Kidney International</i> , 2020 , 97, 913-919	9.9	31
169	Rationale and Design of the Hamburg City Health Study. <i>European Journal of Epidemiology</i> , 2020 , 35, 169-181	12.1	30
168	Podocytes maintain high basal levels of autophagy independent of mtor signaling. <i>Autophagy</i> , 2020 , 16, 1932-1948	10.2	31
167	Severe Acute Kidney Injury Due to Nivolumab/Ipilimumab-induced Granulomatosis and Fibrinoid Vascular Necrosis. <i>Journal of Immunotherapy</i> , 2020 , 43, 29-31	5	8
166	Renal clearance of polymeric nanoparticles by mimicry of glycan surface of viruses. <i>Biomaterials</i> , 2020 , 230, 119643	15.6	16
165	Pathogen-induced tissue-resident memory T17 (T17) cells amplify autoimmune kidney disease. <i>Science Immunology</i> , 2020 , 5,	28	31
164	SARS-CoV-2 renal tropism associates with acute kidney injury. <i>Lancet, The</i> , 2020 , 396, 597-598	40	144
163	Proximal tubular dysfunction in patients with COVID-19: what have we learnt so far?. <i>Kidney International</i> , 2020 , 98, 1092-1094	9.9	4
162	Phosphorylation of BECLIN-1 by BCR-ABL suppresses autophagy in chronic myeloid leukemia. <i>Haematologica</i> , 2020 , 105, 1285-1293	6.6	15
161	Comparison of urinary extracellular vesicle isolation methods for transcriptomic biomarker research in diabetic kidney disease. <i>Journal of Extracellular Vesicles</i> , 2020 , 10, e12038	16.4	17
160	Impact of Diabetic Stress Conditions on Renal Cell Metabolome. <i>Cells</i> , 2019 , 8,	7.9	4

159	Traction force microscopy with optimized regularization and automated Bayesian parameter selection for comparing cells. <i>Scientific Reports</i> , 2019 , 9, 539	4.9	18
158	From podocyte biology to novel cures for glomerular disease. <i>Kidney International</i> , 2019 , 96, 850-861	9.9	22
157	Anaerobic Glycolysis Maintains the Glomerular Filtration Barrier Independent of Mitochondrial Metabolism and Dynamics. <i>Cell Reports</i> , 2019 , 27, 1551-1566.e5	10.6	54
156	Novel 3D analysis using optical tissue clearing documents the evolution of murine rapidly progressive glomerulonephritis. <i>Kidney International</i> , 2019 , 96, 505-516	9.9	24
155	Compression of morbidity in a progeroid mouse model through the attenuation of myostatin/activin signalling. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019 , 10, 662-686	10.3	12
154	Secretome of adipose-derived mesenchymal stem cells promotes skeletal muscle regeneration through synergistic action of extracellular vesicle cargo and soluble proteins. <i>Stem Cell Research and Therapy</i> , 2019 , 10, 116	8.3	76
153	Management of Tamm-Horsfall Protein for Reliable Urinary Analytics. <i>Proteomics - Clinical Applications</i> , 2019 , 13, e1900018	3.1	14
152	Glomerular expression pattern of long non-coding RNAs in the type 2 diabetes mellitus BTBR mouse model. <i>Scientific Reports</i> , 2019 , 9, 9765	4.9	5
151	Mutations in KIRREL1, a slit diaphragm component, cause steroid-resistant nephrotic syndrome. <i>Kidney International</i> , 2019 , 96, 883-889	9.9	16
150	The tetraspanin CD9 controls migration and proliferation of parietal epithelial cells and glomerular disease progression. <i>Nature Communications</i> , 2019 , 10, 3303	17.4	24
149	The authors reply. <i>Kidney International</i> , 2019 , 96, 245-246	9.9	
148	mTOR-mediated podocyte hypertrophy regulates glomerular integrity in mice and humans. <i>JCI Insight</i> , 2019 , 4,	9.9	29
147	Primary decidual zone formation requires Scribble for pregnancy success in mice. <i>Nature Communications</i> , 2019 , 10, 5425	17.4	17
146	DNA Methyltransferase 1 Controls Nephron Progenitor Cell Renewal and Differentiation. <i>Journal of the American Society of Nephrology: JASN</i> , 2019 , 30, 63-78	12.7	36
145	CKD in diabetes: diabetic kidney disease versus nondiabetic kidney disease. <i>Nature Reviews Nephrology</i> , 2018 , 14, 361-377	14.9	203
144	Organisation of lymphocytic infiltrates in ANCA-associated glomerulonephritis. <i>Histopathology</i> , 2018 , 72, 1093-1101	7.3	9
143	The cell fate determinant Scribble is required for maintenance of hematopoietic stem cell function. <i>Leukemia</i> , 2018 , 32, 1211-1221	10.7	11
142	Single-nephron proteomes connect morphology and function in proteinuric kidney disease. <i>Kidney International</i> , 2018 , 93, 1308-1319	9.9	32

141	P2Y2R Signaling Is Involved in the Onset of Glomerulonephritis. <i>Frontiers in Immunology</i> , 2018 , 9, 1589	8.4	8
140	A Conformational Change in C-Reactive Protein Enhances Leukocyte Recruitment and Reactive Oxygen Species Generation in Ischemia/Reperfusion Injury. <i>Frontiers in Immunology</i> , 2018 , 9, 675	8.4	35
139	Preventive medicine of von Hippel-Lindau disease-associated pancreatic neuroendocrine tumors. <i>Endocrine-Related Cancer</i> , 2018 , 25, 783-793	5.7	32
138	Diverging impact of cell fate determinants Scrib and Llgl1 on adhesion and migration of hematopoietic stem cells. <i>Journal of Cancer Research and Clinical Oncology</i> , 2018 , 144, 1933-1944	4.9	1
137	Cilia-localized LKB1 regulates chemokine signaling, macrophage recruitment, and tissue homeostasis in the kidney. <i>EMBO Journal</i> , 2018 , 37,	13	46
136	AIF1L regulates actomyosin contractility and filopodial extensions in human podocytes. <i>PLoS ONE</i> , 2018 , 13, e0200487	3.7	5
135	ARP3 Controls the Podocyte Architecture at the Kidney Filtration Barrier. <i>Developmental Cell</i> , 2018 , 47, 741-757.e8	10.2	20
134	Development and validation of a renal risk score in ANCA-associated glomerulonephritis. <i>Kidney International</i> , 2018 , 94, 1177-1188	9.9	84
133	The chemokine receptor CXCR1 reduces renal injury in mice with angiotensin II-induced hypertension. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 315, F1526-F1535	4.3	10
132	CXCL12 and MYC control energy metabolism to support adaptive responses after kidney injury. <i>Nature Communications</i> , 2018 , 9, 3660	17.4	16
131	A Multi-layered Quantitative InVivo Expression Atlas of the Podocyte Unravels Kidney Disease Candidate Genes. <i>Cell Reports</i> , 2018 , 23, 2495-2508	10.6	48
130	A homozygous KAT2B variant modulates the clinical phenotype of ADD3 deficiency in humans and flies. <i>PLoS Genetics</i> , 2018 , 14, e1007386	6	9
129	mTOR Regulates Endocytosis and Nutrient Transport in Proximal Tubular Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 230-241	12.7	55
128	Targeting mTOR Signaling Can Prevent the Progression of FSGS. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 2144-2157	12.7	35
127	NorUrsodeoxycholic acid ameliorates cholemic nephropathy in bile duct ligated mice. <i>Journal of Hepatology</i> , 2017 , 67, 110-119	13.4	30
126	YAP-mediated mechanotransduction determines the podocyte response to damage. <i>Science Signaling</i> , 2017 , 10,	8.8	40
125	New Insights into Podocyte Biology in Glomerular Health and Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 1707-1715	12.7	54
124	The long journey through renal filtration: new pieces in the puzzle of slit diaphragm architecture. <i>Current Opinion in Nephrology and Hypertension</i> , 2017 , 26, 148-153	3.5	9

123	The FERM protein EPB41L5 regulates actomyosin contractility and focal adhesion formation to maintain the kidney filtration barrier. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E4621-E4630	11.5	33
122	Absence of miR-146a in Podocytes Increases Risk of Diabetic Glomerulopathy via Up-regulation of ErbB4 and Notch-1. <i>Journal of Biological Chemistry</i> , 2017 , 292, 732-747	5.4	57
121	Modeling Monogenic Human Nephrotic Syndrome in the Garland Cell Nephrocyte. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 1521-1533	12.7	42
120	The use of urinary proteomics in the assessment of suitability of mouse models for ageing. <i>PLoS ONE</i> , 2017 , 12, e0166875	3.7	12
119	Mitochondrial Priming by CD28. <i>Cell</i> , 2017 , 171, 385-397.e11	56.2	144
118	The Evolving Complexity of the Podocyte Cytoskeleton. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 3166-3174	12.7	70
117	Cytoprotective activated protein C averts Nlrp3 inflammasome-induced ischemia-reperfusion injury via mTORC1 inhibition. <i>Blood</i> , 2017 , 130, 2664-2677	2.2	79
116	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	12.7	37
115	Genetic and pharmacological inhibition of microRNA-92a maintains podocyte cell cycle quiescence and limits crescentic glomerulonephritis. <i>Nature Communications</i> , 2017 , 8, 1829	17.4	34
114	Protein and Molecular Characterization of a Clinically Compliant Amniotic Fluid Stem Cell-Derived Extracellular Vesicle Fraction Capable of Accelerating Muscle Regeneration Through Enhancement of Angiogenesis. <i>Stem Cells and Development</i> , 2017 , 26, 1316-1333	4.4	28
113	Using the Nephrocyte to Model Podocyte Function and Disease. <i>Frontiers in Pediatrics</i> , 2017 , 5, 262	3.4	19
112	MAGI-1 Interacts with Nephrin to Maintain Slit Diaphragm Structure through Enhanced Rap1 Activation in Podocytes. <i>Journal of Biological Chemistry</i> , 2016 , 291, 24406-24417	5.4	12
111	Direct reprogramming of fibroblasts into renal tubular epithelial cells by defined transcription factors. <i>Nature Cell Biology</i> , 2016 , 18, 1269-1280	23.4	85
110	Mitochondrial Dynamics Controls T Cell Fate through Metabolic Programming. <i>Cell</i> , 2016 , 166, 63-76	56.2	688
109	Autophagy in kidney disease and aging: lessons from rodent models. <i>Kidney International</i> , 2016 , 90, 950-964	9.4	90
108	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
107	The ubiquitin ligase Ubr4 controls stability of podocin/MEC-2 supercomplexes. <i>Human Molecular Genetics</i> , 2016 , 25, 1328-44	5.6	36
106	The Rapamycin-Sensitive Complex of Mammalian Target of Rapamycin Is Essential to Maintain Male Fertility. <i>American Journal of Pathology</i> , 2016 , 186, 324-36	5.8	16

105	Deoxycorticosterone Acetate/Salt-Induced Cardiac But Not Renal Injury Is Mediated By Endothelial Mineralocorticoid Receptors Independently From Blood Pressure. <i>Hypertension</i> , 2016 , 67, 130-8	8.5	31
104	One hundred ABO-incompatible kidney transplantations between 2004 and 2014: a single-centre experience. <i>Nephrology Dialysis Transplantation</i> , 2016 , 31, 663-71	4.3	29
103	How Is Proteinuric Diabetic Nephropathy Caused by Disturbed Proteostasis and Autophagy in Podocytes?. <i>Diabetes</i> , 2016 , 65, 539-41	0.9	8
102	Nephrin Contributes to Insulin Secretion and Affects Mammalian Target of Rapamycin Signaling Independently of Insulin Receptor. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 1029-41	12.7	13
101	MOF maintains transcriptional programs regulating cellular stress response. <i>Oncogene</i> , 2016 , 35, 2698-700	4.0	37
100	Genetic loci associated with renal function measures and chronic kidney disease in children: the Pediatric Investigation for Genetic Factors Linked with Renal Progression Consortium. <i>Nephrology Dialysis Transplantation</i> , 2016 , 31, 262-9	4.3	27
99	A flexible, multilayered protein scaffold maintains the slit in between glomerular podocytes. <i>JCI Insight</i> , 2016 , 1,	9.9	53
98	mTORC2 critically regulates renal potassium handling. <i>Journal of Clinical Investigation</i> , 2016 , 126, 1773-82	25.9	26
97	Local TNF causes NFATc1-dependent cholesterol-mediated podocyte injury. <i>Journal of Clinical Investigation</i> , 2016 , 126, 3336-50	15.9	85
96	Enhanced exercise and regenerative capacity in a mouse model that violates size constraints of oxidative muscle fibres. <i>ELife</i> , 2016 , 5,	8.9	39
95	Renal Atp6ap2/(Pro)renin Receptor Is Required for Normal Vacuolar H ⁺ -ATPase Function but Not for the Renin-Angiotensin System. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 3320-3330	13.7	74
94	Roles of mTOR complexes in the kidney: implications for renal disease and transplantation. <i>Nature Reviews Nephrology</i> , 2016 , 12, 587-609	14.9	102
93	Mutations of the SLIT2-ROBO2 pathway genes SLIT2 and SRGAP1 confer risk for congenital anomalies of the kidney and urinary tract. <i>Human Genetics</i> , 2015 , 134, 905-16	6.3	48
92	The GYF domain protein CD2BP2 is critical for embryogenesis and podocyte function. <i>Journal of Molecular Cell Biology</i> , 2015 , 7, 402-14	6.3	6
91	An update on ABO-incompatible kidney transplantation. <i>Transplant International</i> , 2015 , 28, 387-97	3	38
90	Podocyte-Specific Deletion of Murine CXADR Does Not Impair Podocyte Development, Function or Stress Response. <i>PLoS ONE</i> , 2015 , 10, e0129424	3.7	5
89	Microtubule Associated Protein 1b (MAP1B) Is a Marker of the Microtubular Cytoskeleton in Podocytes but Is Not Essential for the Function of the Kidney Filtration Barrier in Mice. <i>PLoS ONE</i> , 2015 , 10, e0140116	3.7	7
88	Endothelial cell and podocyte autophagy synergistically protect from diabetes-induced glomerulosclerosis. <i>Autophagy</i> , 2015 , 11, 1130-45	10.2	139

87	The polarity protein Inturned links NPHP4 to Daam1 to control the subapical actin network in multiciliated cells. <i>Journal of Cell Biology</i> , 2015 , 211, 963-73	7.3	40
86	Albumin-associated free fatty acids induce macropinocytosis in podocytes. <i>Journal of Clinical Investigation</i> , 2015 , 125, 2307-16	15.9	53
85	Podocyte-specific GLUT4-deficient mice have fewer and larger podocytes and are protected from diabetic nephropathy. <i>Diabetes</i> , 2014 , 63, 701-14	0.9	41
84	Reduction of proteinuria through podocyte alkalinization. <i>Journal of Biological Chemistry</i> , 2014 , 289, 17454-67	5.4	10
83	Hantavirus infection with severe proteinuria and podocyte foot-process effacement. <i>American Journal of Kidney Diseases</i> , 2014 , 64, 452-6	7.4	20
82	V-ATPase/mTOR signaling regulates megalin-mediated apical endocytosis. <i>Cell Reports</i> , 2014 , 8, 10-9	10.6	41
81	Chromatin dynamics in kidney development and function. <i>Cell and Tissue Research</i> , 2014 , 356, 601-8	4.2	8
80	Direct Reductive Amination of Ketones: Structure and Activity of S-Selective Imine Reductases from <i>Streptomyces</i> . <i>ChemCatChem</i> , 2014 , 6, 2248-2252	5.2	92
79	Calciophylaxis. <i>Lancet, The</i> , 2014 , 383, 1067	4.0	15
78	mTOR controls kidney epithelia in health and disease. <i>Nephrology Dialysis Transplantation</i> , 2014 , 29 Suppl 1, i9-i18	4.3	34
77	Unraveling the role of podocyte turnover in glomerular aging and injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2014 , 25, 707-16	12.7	132
76	Glomerular development--shaping the multi-cellular filtration unit. <i>Seminars in Cell and Developmental Biology</i> , 2014 , 36, 39-49	7.5	69
75	mTORC1 maintains renal tubular homeostasis and is essential in response to ischemic stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E2817-26	11.5	63
74	Renal fibrosis is the common feature of autosomal dominant tubulointerstitial kidney diseases caused by mutations in mucin 1 or uromodulin. <i>Kidney International</i> , 2014 , 86, 589-99	9.9	60
73	A brief overview on IRM function across evolution. <i>Journal of Neurogenetics</i> , 2014 , 28, 264-9	1.6	9
72	Autophagy in glomerular health and disease. <i>Seminars in Nephrology</i> , 2014 , 34, 42-52	4.8	42
71	Molecular understanding of the slit diaphragm. <i>Pediatric Nephrology</i> , 2013 , 28, 1957-62	3.2	14
70	The podocyte slit diaphragm--from a thin grey line to a complex signalling hub. <i>Nature Reviews Nephrology</i> , 2013 , 9, 587-98	14.9	160

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