Tobias B Huber

List of Publications by Year
in descending order

241 papers	26,587 citations	11651 70 h-index	6836 155 g-index
255 all docs	255 docs citations	255 times ranked	42204 citing authors

#	Article	IF	Citations
1	Cardiac SARS-CoV-2 infection is associated with pro-inflammatory transcriptomic alterations within the heart. Cardiovascular Research, 2022, 118, 542-555.	3.8	42
2	Collateral effects and mortality of kidney transplant recipients during the COVID-19 pandemic. Kidney360, 2022, 3, 10.34067/KID.0006472021.	2.1	2
3	Multi-organ assessment in mainly non-hospitalized individuals after SARS-CoV-2 infection: The Hamburg City Health Study COVID programme. European Heart Journal, 2022, 43, 1124-1137.	2.2	111
4	Persistent SOMAtic symptoms ACROSS diseases â€" from risk factors to modification: scientific framework and overarching protocol of the interdisciplinary SOMACROSS research unit (RU 5211). BMJ Open, 2022, 12, e057596.	1.9	33
5	Thyroid-stimulating hormone levels in euthyroid patients 8 years following bariatric surgery. International Journal of Obesity, 2022, 46, 825-830.	3.4	1
6	Ravulizumab in Preemptive Living Donor Kidney Transplantation in Hereditary Atypical Hemolytic Uremic Syndrome. Transplantation Direct, 2022, 8, e1289.	1.6	3
7	Dichotomous Responses to Chronic Fetal Hypoxia Lead to a Predetermined Aging Phenotype. Molecular and Cellular Proteomics, 2022, 21, 100190.	3.8	4
8	SARS-CoV-2 infects the human kidney and drives fibrosis in kidney organoids. Cell Stem Cell, 2022, 29, 217-231.e8.	11.1	146
9	Kidneys control inter-organ homeostasis. Nature Reviews Nephrology, 2022, 18, 207-208.	9.6	5
10	Molecular consequences of SARS-CoV-2 liver tropism. Nature Metabolism, 2022, 4, 310-319.	11.9	98
11	BECLIN1 Is Essential for Podocyte Secretory Pathways Mediating VEGF Secretion and Podocyte-Endothelial Crosstalk. International Journal of Molecular Sciences, 2022, 23, 3825.	4.1	5
12	Î±-Parvin Defines a Specific Integrin Adhesome to Maintain the Glomerular Filtration Barrier. Journal of the American Society of Nephrology: JASN, 2022, 33, 786-808.	6.1	15
13	The calcium-sensing receptor stabilizes podocyte function in proteinuric humans and mice. Kidney International, 2022, 101, 1186-1199.	5.2	6
14	Conventional NK Cells and Type 1 Innate Lymphoid Cells Do Not Influence Pathogenesis of Experimental Glomerulonephritis. Journal of Immunology, 2022, 208, 1585-1594.	0.8	2
15	Lack of Evidence for an Association between Previous HEV Genotype-3 Exposure and Glomerulonephritis in General. Pathogens, 2022, 11, 18.	2.8	4
16	Donorâ€transmitted extramedullary acute myeloid leukaemia after living donor kidney transplantation. British Journal of Haematology, 2022, , .	2.5	1
17	The Amphiregulin/EGFR axis protects from lupus nephritis via downregulation of pathogenic CD4+ T helper cell responses. Journal of Autoimmunity, 2022, 129, 102829.	6.5	5
18	Th17 cell plasticity towards a T-bet-dependent Th1 phenotype is required for bacterial control in Staphylococcus aureus infection. PLoS Pathogens, 2022, 18, e1010430.	4.7	12

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19	Loss of the collagen IV modifier prolyl 3-hydroxylase 2 causes thin basement membrane nephropathy. Journal of Clinical Investigation, 2022, 132, .	8.2	14
20	Plasminogen deficiency does not prevent sodium retention in a genetic mouse model of experimental nephrotic syndrome. Acta Physiologica, 2021, 231, e13512.	3.8	19
21	Bariatric Surgery Is Protective Against Renal Function Decline in Severely Obese Patients in the Long-Term. Obesity Surgery, 2021, 31, 1038-1045.	2.1	7
22	A protocol for rat kidney normothermic machine perfusion and subsequent transplantation. Artificial Organs, 2021, 45, 168-174.	1.9	3
23	Xenotropic and polytropic retrovirus receptor 1 regulates procoagulant platelet polyphosphate. Blood, 2021, 137, 1392-1405.	1.4	21
24	Urinary Extracellular Vesicles Magic Particles for Biomarker Discovery. Advances in Experimental Medicine and Biology, 2021, 1306, 29-40.	1.6	2
25	SRGAP1 Controls Small Rho GTPases To Regulate Podocyte Foot Process Maintenance. Journal of the American Society of Nephrology: JASN, 2021, 32, 563-579.	6.1	18
26	Deep Learning-Based Bias Transfer for Overcoming Laboratory Differences of Microscopic Images. Lecture Notes in Computer Science, 2021, , 322-336.	1.3	1
27	Surprising Hyperkalemia of 10.2 mmol/L in a Patient with Hyperglycemia: A Case Report. Case Reports in Nephrology and Dialysis, 2021, 11, 69-77.	0.6	3
28	Clonal expansion and activation of tissue-resident memory-like T _H 17 cells expressing GM-CSF in the lungs of patients with severe COVID-19. Science Immunology, 2021, 6, .	11.9	125
29	COVID-19â€“associated Nephropathy Includes Tubular Necrosis and Capillary Congestion, with Evidence of SARS-CoV-2 in the Nephron. Kidney360, 2021, 2, 639-652.	2.1	24
30	A muscle growth-promoting treatment based on the attenuation of activin/myostatin signalling results in long-term testicular abnormalities. DMM Disease Models and Mechanisms, 2021, 14, .	2.4	1
31	ADAM10-Mediated Ectodomain Shedding Is an Essential Driver of Podocyte Damage. Journal of the American Society of Nephrology: JASN, 2021, 32, 1389-1408.	6.1	7
32	Long-Term Improvement of Chronic Low-Grade Inflammation After Bariatric Surgery. Obesity Surgery, 2021, 31, 2913-2920.	2.1	19
33	EPB41L5 controls podocyte extracellular matrix assembly by adhesome-dependent force transmission. Cell Reports, 2021, 34, 108883.	6.4	19
34	Perspectives in membranous nephropathy. Cell and Tissue Research, 2021, 385, 405-422.	2.9	16
35	Deep learningâ€“based molecular morphometrics for kidney biopsies. JCI Insight, 2021, 6, .	5.0	31
36	Effects of Environmental Conditions on Nephron Number: Modeling Maternal Disease and Epigenetic Regulation in Renal Development. International Journal of Molecular Sciences, 2021, 22, 4157.	4.1	4

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37	Proteomics: A Tool to Study Platelet Function. International Journal of Molecular Sciences, 2021, 22, 4776.	4.1	12
38	Immune-mediated entities of (primary) focal segmental glomerulosclerosis. Cell and Tissue Research, 2021, 385, 423-434.	2.9	12
39	MO134COVID-19-ASSOCIATED KIDNEY INJURY IS CHARACTERIZED BY ACUTE TUBULAR NECROSIS AND CAPILLARY CONGESTION WITH EVIDENCE FOR SARS-COV-2 IN THE NEPHRON. Nephrology Dialysis Transplantation, 2021, 36, .	0.7	0
40	Upregulation of HLA-F expression by BK polyomavirus infection induces immune recognition by KIR3DS1-positive natural killer cells. Kidney International, 2021, 99, 1140-1148.	5.2	9
41	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. Journal of Clinical Medicine, 2021, 10, 2274.	2.4	19
42	Pro-cachectic factors link experimental and human chronic kidney disease to skeletal muscle wasting programs. Journal of Clinical Investigation, 2021, 131, .	8.2	34
43	Tripartite Separation of Glomerular Cell Types and Proteomes from Reporter-Free Mice. Journal of the American Society of Nephrology: JASN, 2021, 32, 2175-2193.	6.1	16
44	Convalescent plasma treatment for early postâ€kidney transplant acquired COVIDâ€19. Transplant Infectious Disease, 2021, 23, e13685.	1.7	5
45	Validation of a Prospective Urinalysis-Based Prediction Model for ICU Resources and Outcome of COVID-19 Disease: A Multicenter Cohort Study. Journal of Clinical Medicine, 2021, 10, 3049.	2.4	12
46	Immune-mediated glomerular diseases: new basic concepts and clinical implications. Cell and Tissue Research, 2021, 385, 277-279.	2.9	3
47	Across scales: novel insights into kidney health and disease by structural biology. Kidney International, 2021, 100, 281-288.	5.2	0
48	Multiorgan tropism of SARS-CoV-2 lineage B.1.1.7. International Journal of Legal Medicine, 2021, 135, 2347-2349.	2.2	12
49	Increased rejection rates in kidney transplantations during the COVIDâ€19 pandemic. Transplant International, 2021, 34, 2899-2902.	1.6	5
50	Role of mTOR Signaling for Tubular Function and Disease. Physiology, 2021, 36, 350-358.	3.1	4
51	Decoding myofibroblast origins in human kidney fibrosis. Nature, 2021, 589, 281-286.	27.8	380
52	IL-17 Receptor C Signaling Controls CD4+ TH17 Immune Responses and Tissue Injury in Immune-Mediated Kidney Diseases. Journal of the American Society of Nephrology: JASN, 2021, 32, 3081-3098.	6.1	14
53	Collapsing Focal Segmental Glomerulosclerosis in Viral Infections. Frontiers in Immunology, 2021, 12, 800074.	4.8	18
54	BET Proteins Regulate Expression of Osr1 in Early Kidney Development. Biomedicines, 2021, 9, 1878.	3.2	2

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55	Phosphorylation of BECLIN-1 by BCR-ABL suppresses autophagy in chronic myeloid leukemia. Haematologica, 2020, 105, 1285-1293.	3.5	22
56	A novel mouse model of phospholipase A2 receptor 1-associated membranous nephropathyÂmimics podocyte injury in patients. Kidney International, 2020, 97, 913-919.	5.2	65
57	Rationale and Design of the Hamburg City Health Study. European Journal of Epidemiology, 2020, 35, 169-181.	5.7	85
58	Podocytes maintain high basal levels of autophagy independent of mtor signaling. Autophagy, 2020, 16, 1932-1948.	9.1	69
59	Severe Acute Kidney Injury Due to Nivolumab/Ipilimumab-induced Granulomatosis and Fibrinoid Vascular Necrosis. Journal of Immunotherapy, 2020, 43, 29-31.	2.4	13
60	Renal clearance of polymeric nanoparticles by mimicry of glycan surface of viruses. Biomaterials, 2020, 230, 119643.	11.4	30
61	Pathogen-induced tissue-resident memory T _H 17 (T _{RM} 17) cells amplify autoimmune kidney disease. Science Immunology, 2020, 5, .	11.9	58
62	SARS-CoV-2 renal tropism associates with acute kidney injury. Lancet, The, 2020, 396, 597-598.	13.7	253
63	Proximal tubular dysfunction in patients with COVID-19: what have we learnt so far?. Kidney International, 2020, 98, 1092-1094.	5.2	17
64	Association of SARS-CoV-2 renal tropism with acute kidney injury â€“ Authors' reply. Lancet, The, 2020, 396, 1881-1882.	13.7	5
65	Multiorgan and Renal Tropism of SARS-CoV-2. New England Journal of Medicine, 2020, 383, 590-592.	27.0	1,523
66	Microbiota-Induced Type I Interferons Instruct a Poised Basal State of Dendritic Cells. Cell, 2020, 181, 1080-1096.e19.	28.9	139
67	COVID-19-associated nephritis: early warning for disease severity and complications?. Lancet, The, 2020, 395, e87-e88.	13.7	84
68	Neural metabolic imbalance induced by MOF dysfunction triggers pericyte activation and breakdown of vasculature. Nature Cell Biology, 2020, 22, 828-841.	10.3	27
69	A reciprocal regulation of spermidine and autophagy in podocytes maintains the filtration barrier. Kidney International, 2020, 98, 1434-1448.	5.2	18
70	Distinct Modes of Balancing Glomerular Cell Proteostasis in Mucolipidosis Type II and III Prevent Proteinuria. Journal of the American Society of Nephrology: JASN, 2020, 31, 1796-1814.	6.1	7
71	Cellular and Molecular Probing of Intact Human Organs. Cell, 2020, 180, 796-812.e19.	28.9	187
72	Inhibition of Activin/Myostatin signalling induces skeletal muscle hypertrophy but impairs mouse testicular development. European Journal of Translational Myology, 2020, 30, 62-78.	1.7	7

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73	Dysregulated mesenchymal PDGFRâ€Î² drives kidney fibrosis. EMBO Molecular Medicine, 2020, 12, e11021.	6.9	41
74	A Localized Scaffold for cGMP Increase Is Required for Apical Dendrite Development. Cell Reports, 2020, 31, 107519.	6.4	6
75	Comparison of urinary extracellular vesicle isolation methods for transcriptomic biomarker research in diabetic kidney disease. Journal of Extracellular Vesicles, 2020, 10, e12038.	12.2	39
76	Isolating Urinary Extracellular Vesicles as Biomarkers for Diabetic Disease. Methods in Molecular Biology, 2020, 2067, 175-188.	0.9	14
77	Interleukin-9 protects from early podocyte injury and progressive glomerulosclerosis in Adriamycin-induced nephropathy. Kidney International, 2020, 98, 615-629.	5.2	18
78	Diminution in sperm quantity and quality in mouse models of Duchenne Muscular Dystrophy induced by a myostatin-based muscle growth-promoting intervention. European Journal of Translational Myology, 2020, 30, 8904.	1.7	3
79	Management of Tammâ€“Horsfall Protein for Reliable Urinary Analytics. Proteomics - Clinical Applications, 2019, 13, e1900018.	1.6	27
80	Glomerular expression pattern of long non-coding RNAs in the type 2 diabetes mellitus BTBR mouse model. Scientific Reports, 2019, 9, 9765.	3.3	7
81	Mutations in KIRREL1, a slit diaphragm component, cause steroid-resistant nephrotic syndrome. Kidney International, 2019, 96, 883-889.	5.2	23
82	The tetraspanin CD9 controls migration and proliferation of parietal epithelial cells and glomerular disease progression. Nature Communications, 2019, 10, 3303.	12.8	52
83	The authors reply. Kidney International, 2019, 96, 245-246.	5.2	0
84	Impact of Diabetic Stress Conditions on Renal Cell Metabolome. Cells, 2019, 8, 1141.	4.1	6
85	Traction force microscopy with optimized regularization and automated Bayesian parameter selection for comparing cells. Scientific Reports, 2019, 9, 539.	3.3	48
86	From podocyte biology to novel cures for glomerular disease. Kidney International, 2019, 96, 850-861.	5.2	49
87	Anaerobic Glycolysis Maintains the Glomerular Filtration Barrier Independent of Mitochondrial Metabolism and Dynamics. Cell Reports, 2019, 27, 1551-1566.e5.	6.4	106
88	Novel 3D analysis using optical tissue clearing documents the evolution of murine rapidly progressive glomerulonephritis. Kidney International, 2019, 96, 505-516.	5.2	35
89	Compression of morbidity in a progeroid mouse model through the attenuation of myostatin/activin signalling. Journal of Cachexia, Sarcopenia and Muscle, 2019, 10, 662-686.	7.3	22
90	Secretome of adipose-derived mesenchymal stem cells promotes skeletal muscle regeneration through synergistic action of extracellular vesicle cargo and soluble proteins. Stem Cell Research and Therapy, 2019, 10, 116.	5.5	144

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91	Primary decidual zone formation requires Scribble for pregnancy success in mice. Nature Communications, 2019, 10, 5425.	12.8	42
92	DNA Methyltransferase 1 Controls Nephron Progenitor Cell Renewal and Differentiation. Journal of the American Society of Nephrology: JASN, 2019, 30, 63-78.	6.1	52
93	mTOR-mediated podocyte hypertrophy regulates glomerular integrity in mice and humans. JCI Insight, 2019, 4, .	5.0	69
94	Human C-terminal CUBN variants associate with chronic proteinuria and normal renal function. Journal of Clinical Investigation, 2019, 130, 335-344.	8.2	54
95	CKD in diabetes: diabetic kidney disease versus nondiabetic kidney disease. Nature Reviews Nephrology, 2018, 14, 361-377.	9.6	442
96	Organisation of lymphocytic infiltrates in <scp>ANCA</scp>â€associated glomerulonephritis. Histopathology, 2018, 72, 1093-1101.	2.9	21
97	The cell fate determinant Scribble is required for maintenance of hematopoietic stem cell function. Leukemia, 2018, 32, 1211-1221.	7.2	15
98	Single-nephron proteomes connect morphology and function in proteinuric kidney disease. Kidney International, 2018, 93, 1308-1319.	5.2	49
99	AIF1L regulates actomyosin contractility and filopodial extensions in human podocytes. PLoS ONE, 2018, 13, e0200487.	2.5	15
100	ARP3 Controls the Podocyte Architecture at the Kidney Filtration Barrier. Developmental Cell, 2018, 47, 741-757.e8.	7.0	33
101	Development and validation of a renal risk score in ANCA-associated glomerulonephritis. Kidney International, 2018, 94, 1177-1188.	5.2	179
102	The chemokine receptor CX3CR1 reduces renal injury in mice with angiotensin II-induced hypertension. American Journal of Physiology - Renal Physiology, 2018, 315, F1526-F1535.	2.7	18
103	CXCL12 and MYC control energy metabolism to support adaptive responses after kidney injury. Nature Communications, 2018, 9, 3660.	12.8	39
104	A Multi-layered Quantitative InÂVivo Expression Atlas of the Podocyte Unravels Kidney Disease Candidate Genes. Cell Reports, 2018, 23, 2495-2508.	6.4	81
105	A homozygous KAT2B variant modulates the clinical phenotype of ADD3 deficiency in humans and flies. PLoS Genetics, 2018, 14, e1007386.	3.5	17
106	P2Y2R Signaling Is Involved in the Onset of Glomerulonephritis. Frontiers in Immunology, 2018, 9, 1589.	4.8	12
107	A Conformational Change in C-Reactive Protein Enhances Leukocyte Recruitment and Reactive Oxygen Species Generation in Ischemia/Reperfusion Injury. Frontiers in Immunology, 2018, 9, 675.	4.8	56
108	Preventive medicine of von Hippelâ€“Lindau disease-associated pancreatic neuroendocrine tumors. Endocrine-Related Cancer, 2018, 25, 783-793.	3.1	42

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109	Diverging impact of cell fate determinants Scrib and Llgl1 on adhesion and migration of hematopoietic stem cells. Journal of Cancer Research and Clinical Oncology, 2018, 144, 1933-1944.	2.5	2
110	Ciliaâ€localized <scp>LKB</scp> 1 regulates chemokine signaling, macrophage recruitment, and tissue homeostasis in the kidney. EMBO Journal, 2018, 37, .	7.8	78
111	mTOR Regulates Endocytosis and Nutrient Transport in Proximal Tubular Cells. Journal of the American Society of Nephrology: JASN, 2017, 28, 230-241.	6.1	79
112	Targeting mTOR Signaling Can Prevent the Progression of FSGS. Journal of the American Society of Nephrology: JASN, 2017, 28, 2144-2157.	6.1	57
113	NorUrsodeoxycholic acid ameliorates cholemic nephropathy in bile duct ligated mice. Journal of Hepatology, 2017, 67, 110-119.	3.7	44
114	YAP-mediated mechanotransduction determines the podocyteâ€™s response to damage. Science Signaling, 2017, 10, .	3.6	61
115	New Insights into Podocyte Biology in Glomerular Health and Disease. Journal of the American Society of Nephrology: JASN, 2017, 28, 1707-1715.	6.1	75
116	The long journey through renal filtration. Current Opinion in Nephrology and Hypertension, 2017, 26, 148-153.	2.0	12
117	The FERM protein EPB41L5 regulates actomyosin contractility and focal adhesion formation to maintain the kidney filtration barrier. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E4621-E4630.	7.1	54
118	Absence of miR-146a in Podocytes Increases Risk of Diabetic Glomerulopathy via Up-regulation of ErbB4 and Notch-1. Journal of Biological Chemistry, 2017, 292, 732-747.	3.4	74
119	Modeling Monogenic Human Nephrotic Syndrome in the Drosophila Garland Cell Nephrocyte. Journal of the American Society of Nephrology: JASN, 2017, 28, 1521-1533.	6.1	70
120	Mitochondrial Priming by CD28. Cell, 2017, 171, 385-397.e11.	28.9	212
121	The Evolving Complexity of the Podocyte Cytoskeleton. Journal of the American Society of Nephrology: JASN, 2017, 28, 3166-3174.	6.1	104
122	Cytoprotective activated protein C averts Nlrp3 inflammasomeâ€“induced ischemia-reperfusion injury via mTORC1 inhibition. Blood, 2017, 130, 2664-2677.	1.4	125
123	N-Degradomic Analysis Reveals a Proteolytic Network Processing the Podocyte Cytoskeleton. Journal of the American Society of Nephrology: JASN, 2017, 28, 2867-2878.	6.1	41
124	Genetic and pharmacological inhibition of microRNA-92a maintains podocyte cell cycle quiescence and limits crescentic glomerulonephritis. Nature Communications, 2017, 8, 1829.	12.8	50
125	From genetics to personalized nephrology: kidney research at a tipping point. Cell and Tissue Research, 2017, 369, 1-4.	2.9	2
126	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. Stem Cells and Development, 2017, 26, 1316-1333.	2.1	42

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127	Using the Drosophila Nephrocyte to Model Podocyte Function and Disease. Frontiers in Pediatrics, 2017, 5, 262.	1.9	32
128	The use of urinary proteomics in the assessment of suitability of mouse models for ageing. PLoS ONE, 2017, 12, e0166875.	2.5	17
129	Genetic loci associated with renal function measures and chronic kidney disease in children: the Pediatric Investigation for Genetic Factors Linked with Renal Progression Consortium. Nephrology Dialysis Transplantation, 2016, 31, gfv342.	0.7	35
130	Aberrant podocyte cell cycle in glomerular disease. Cell Cycle, 2016, 15, 2237-2238.	2.6	8
131	Renal Atp6ap2/(Pro)renin Receptor Is Required for Normal Vacuolar H+-ATPase Function but Not for the Renin-Angiotensin System. Journal of the American Society of Nephrology: JASN, 2016, 27, 3320-3330.	6.1	91
132	Roles of mTOR complexes in the kidney: implications for renal disease and transplantation. Nature Reviews Nephrology, 2016, 12, 587-609.	9.6	146
133	MAGI-1 Interacts with Nephrin to Maintain Slit Diaphragm Structure through Enhanced Rap1 Activation in Podocytes. Journal of Biological Chemistry, 2016, 291, 24406-24417.	3.4	16
134	Direct reprogramming of fibroblasts into renal tubular epithelial cells by defined transcription factors. Nature Cell Biology, 2016, 18, 1269-1280.	10.3	113
135	Mitochondrial Dynamics Controls T Cell Fate through Metabolic Programming. Cell, 2016, 166, 63-76.	28.9	1,025
136	Autophagy in kidney disease and aging: lessons from rodent models. Kidney International, 2016, 90, 950-964.	5.2	114
137	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
138	The ubiquitin ligase Ubr4 controls stability of podocin/MEC-2 supercomplexes. Human Molecular Genetics, 2016, 25, 1328-1344.	2.9	45
139	The Rapamycin-Sensitive Complex of Mammalian Target of Rapamycin Is Essential to Maintain Male Fertility. American Journal of Pathology, 2016, 186, 324-336.	3.8	25
140	Deoxycorticosterone Acetate/Saltâ€“Induced Cardiac But Not Renal Injury Is Mediated By Endothelial Mineralocorticoid Receptors Independently From Blood Pressure. Hypertension, 2016, 67, 130-138.	2.7	48
141	One hundred ABO-incompatible kidney transplantations between 2004 and 2014: a single-centre experience. Nephrology Dialysis Transplantation, 2016, 31, 663-671.	0.7	37
142	How Is Proteinuric Diabetic Nephropathy Caused by Disturbed Proteostasis and Autophagy in Podocytes?. Diabetes, 2016, 65, 539-541.	0.6	11
143	Nephrin Contributes to Insulin Secretion and Affects Mammalian Target of Rapamycin Signaling Independently of Insulin Receptor. Journal of the American Society of Nephrology: JASN, 2016, 27, 1029-1041.	6.1	17
144	MOF maintains transcriptional programs regulating cellular stress response. Oncogene, 2016, 35, 2698-2710.	5.9	51

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145	A flexible, multilayered protein scaffold maintains the slit in between glomerular podocytes. JCI Insight, 2016, 1, .	5.0	69
146	mTORC2 critically regulates renal potassium handling. Journal of Clinical Investigation, 2016, 126, 1773-1782.	8.2	37
147	Local TNF causes NFATc1-dependent cholesterol-mediated podocyte injury. Journal of Clinical Investigation, 2016, 126, 3336-3350.	8.2	123
148	Enhanced exercise and regenerative capacity in a mouse model that violates size constraints of oxidative muscle fibres. ELife, 2016, 5, .	6.0	47
149	Podocyte-Specific Deletion of Murine CXADR Does Not Impair Podocyte Development, Function or Stress Response. PLoS ONE, 2015, 10, e0129424.	2.5	7
150	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. PLoS ONE, 2015, 10, e0140116.	2.5	10
151	Endothelial cell and podocyte autophagy synergistically protect from diabetes-induced glomerulosclerosis. Autophagy, 2015, 11, 1130-1145.	9.1	224
152	The polarity protein Inturned links NPHP4 to Daam1 to control the subapical actin network in multiciliated cells. Journal of Cell Biology, 2015, 211, 963-973.	5.2	48
153	Mutations of the SLIT2â€“ROBO2 pathway genes SLIT2 and SRGAP1 confer risk for congenital anomalies of the kidney and urinary tract. Human Genetics, 2015, 134, 905-916.	3.8	62
154	The GYF domain protein CD2BP2 is critical for embryogenesis and podocyte function. Journal of Molecular Cell Biology, 2015, 7, 402-414.	3.3	9
155	An update on ABO-incompatible kidney transplantation. Transplant International, 2015, 28, 387-397.	1.6	43
156	Albumin-associated free fatty acids induce macropinocytosis in podocytes. Journal of Clinical Investigation, 2015, 125, 2307-2316.	8.2	73
157	Glomerular development â€“ Shaping the multi-cellular filtration unit. Seminars in Cell and Developmental Biology, 2014, 36, 39-49.	5.0	85
158	mTORC1 maintains renal tubular homeostasis and is essential in response to ischemic stress. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2817-26.	7.1	82
159	Sestrin 2: a regulator of the glomerular parietal epithelial cell phenotype. American Journal of Physiology - Renal Physiology, 2014, 307, F798-F799.	2.7	5
160	Renal fibrosis is the common feature of autosomal dominant tubulointerstitial kidney diseases caused by mutations in mucin 1 or uromodulin. Kidney International, 2014, 86, 589-599.	5.2	86
161	A Brief Overview on IRM Function Across Evolution. Journal of Neurogenetics, 2014, 28, 264-269.	1.4	10
162	Autophagy in Glomerular Health and Disease. Seminars in Nephrology, 2014, 34, 42-52.	1.6	52

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163	Podocyte-Specific GLUT4-Deficient Mice Have Fewer and Larger Podocytes and Are Protected From Diabetic Nephropathy. Diabetes, 2014, 63, 701-714.	0.6	52
164	Reduction of Proteinuria through Podocyte Alkalinization. Journal of Biological Chemistry, 2014, 289, 17454-17467.	3.4	12
165	Hantavirus Infection With Severe Proteinuria and Podocyte Foot-Process Effacement. American Journal of Kidney Diseases, 2014, 64, 452-456.	1.9	24
166	V-ATPase/mTOR Signaling Regulates Megalin-Mediated Apical Endocytosis. Cell Reports, 2014, 8, 10-19.	6.4	59
167	Chromatin dynamics in kidney development and function. Cell and Tissue Research, 2014, 356, 601-608.	2.9	9
168	Direct Reductive Amination of Ketones: Structure and Activity of Sâ€Selective Imine Reductases from Streptomyces. ChemCatChem, 2014, 6, 2248-2252.	3.7	123
169	Calciphylaxis. Lancet, The, 2014, 383, 1067.	13.7	18
170	mTOR controls kidney epithelia in health and disease. Nephrology Dialysis Transplantation, 2014, 29, i9-i18.	0.7	48
171	Unraveling the Role of Podocyte Turnover in Glomerular Aging and Injury. Journal of the American Society of Nephrology: JASN, 2014, 25, 707-716.	6.1	155
172	Molecular understanding of the slit diaphragm. Pediatric Nephrology, 2013, 28, 1957-1962.	1.7	14
173	The podocyte slit diaphragmâ€"from a thin grey line to a complex signalling hub. Nature Reviews Nephrology, 2013, 9, 587-598.	9.6	200
174	ANKS6 is a central component of a nephronophthisis module linking NEK8 to INVS and NPHP3. Nature Genetics, 2013, 45, 951-956.	21.4	183
175	Anthracyclines Induce DNA Damage Response-Mediated Protection against Severe Sepsis. Immunity, 2013, 39, 874-884.	14.3	131
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