Olivier Devuyst

List of Publications by Year
in descending order

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193 papers	17,064 citations	17440 63 h-index	16650 123 g-index
204 all docs	204 docs citations	204 times ranked	18334 citing authors

#	Article	IF	Citations
1	Treatment and long-term outcome in primary nephrogenic diabetes insipidus. Nephrology Dialysis Transplantation, 2023, 38, 2120-2130.	0.7	9
2	Uromodulin and its association with urinary metabolites: the German Chronic Kidney Disease Study. Nephrology Dialysis Transplantation, 2023, 38, 70-79.	0.7	3
3	An update on the use of tolvaptan for autosomal dominant polycystic kidney disease: consensus statement on behalf of the ERA Working Group on Inherited Kidney Disorders, the European Rare Kidney Disease Reference Network and Polycystic Kidney Disease International. Nephrology Dialysis Transplantation, 2022, 37, 825-839.	0.7	44
4	Kidney traits on repeatâ€"the role of MUC1 VNTR. Kidney International, 2022, 101, 863-866.	5.2	1
5	Parathyroid hormone and phosphate homeostasis in patients with Bartter and Gitelman syndrome: an international cross-sectional study. Nephrology Dialysis Transplantation, 2022, 37, 2474-2486.	0.7	5
6	Multisystem involvement, defective lysosomes and impaired autophagy in a novel rat model of nephropathic cystinosis. Human Molecular Genetics, 2022, 31, 2262-2278.	2.9	5
7	Meta-GWAS Reveals Novel Genetic Variants Associated with Urinary Excretion of Uromodulin. Journal of the American Society of Nephrology: JASN, 2022, 33, 511-529.	6.1	14
8	â€œTubular cell plasticity â€“ New hope for autosomal dominant polycystic kidney disease?â€• Kidney International, 2022, , .	5.2	0
9	Genetics in chronic kidney disease: conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference. Kidney International, 2022, 101, 1126-1141.	5.2	46
10	Genome-wide studies reveal factors associated with circulating uromodulin and its relationships to complex diseases. JCI Insight, 2022, 7, .	5.0	12
11	Flank pain has a significant adverse impact on quality of life in ADPKD: the CYSTic-QoL study. CKJ: Clinical Kidney Journal, 2022, 15, 2063-2071.	2.9	3
12	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. Communications Biology, 2022, 5, .	4.4	17
13	Genetic insights into rapid kidney function decline. Kidney International, 2021, 99, 805-808.	5.2	2
14	Uromodulin, Salt, and 24-Hour Blood Pressure in the General Population. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 787-789.	4.5	11
15	Uromodulin: Roles in Health and Disease. Annual Review of Physiology, 2021, 83, 477-501.	13.1	56
16	Proteomic and transcriptomic profiling reveal different aspects of aging in the kidney. ELife, 2021, 10, .	6.0	62
17	Defects in KCNJ16 Cause a Novel Tubulopathy with Hypokalemia, Salt Wasting, Disturbed Acid-Base Homeostasis, and Sensorineural Deafness. Journal of the American Society of Nephrology: JASN, 2021, 32, 1498-1512.	6.1	46
18	The Effect of Tolvaptan on BP in Polycystic Kidney Disease: A Post Hoc Analysis of the TEMPO 3:4 Trial. Journal of the American Society of Nephrology: JASN, 2021, 32, 1801-1812.	6.1	3

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19	Receptor-Mediated Endocytosis and Differentiation in Proximal Tubule Cell Systems. Journal of the American Society of Nephrology: JASN, 2021, 32, 1265-1267.	6.1	6
20	MO023FLANK PAIN HAS A MAJOR NEGATIVE IMPACT ON HEALTH-RELATED QUALITY OF LIFE IN ADPKD: THE CYSTIC I STUDY. Nephrology Dialysis Transplantation, 2021, 36, .	0.7	0
21	A genome-wide association study suggests correlations of common genetic variants with peritoneal solute transfer rates in patients with kidney failure receiving peritoneal dialysis. Kidney International, 2021, 100, 1101-1111.	5.2	13
22	Assessing transport across the peritoneal membrane: Precision medicine in dialysis. Peritoneal Dialysis International, 2021, 41, 349-351.	2.3	2
23	An international cohort study spanning five decades assessed outcomes of nephropathic cystinosis. Kidney International, 2021, 100, 1112-1123.	5.2	31
24	PIEZO2, a mechanosensor in the urinary bladder. Kidney International, 2021, 100, 9-11.	5.2	1
25	Multicenter Study of Long-Term Safety of Tolvaptan in Later-Stage Autosomal Dominant Polycystic Kidney Disease. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 48-58.	4.5	26
26	Mendelian randomization to assess causality between uromodulin, blood pressure and chronic kidney disease. Kidney International, 2021, 100, 1282-1291.	5.2	20
27	AQP1 Promoter Variant, Water Transport, and Outcomes in Peritoneal Dialysis. New England Journal of Medicine, 2021, 385, 1570-1580.	27.0	34
28	The Antioxidative Role of Cytoglobin in Podocytes: Implications for a Role in Chronic Kidney Disease. Antioxidants and Redox Signaling, 2020, 32, 1155-1171.	5.4	23
29	Parathyroid Hormone and Plasma Phosphate Are Predictors of Soluble Î±-Klotho Levels in Adults of European Descent. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e1135-e1143.	3.6	8
30	Inhibition of aquaporin-1 prevents myocardial remodeling by blocking the transmembrane transport of hydrogen peroxide. Science Translational Medicine, 2020, 12, .	12.4	39
31	Mechanical activation of TRPV4 channels controls albumin reabsorption by proximal tubule cells. Science Signaling, 2020, 13, .	3.6	12
32	SARS-CoV-2 causes a specific dysfunction of the kidney proximal tubule. Kidney International, 2020, 98, 1296-1307.	5.2	173
33	The phosphoinositide 3-kinase inhibitor alpelisib restores actin organization and improves proximal tubule dysfunction inÂvitro and in a mouse model of Lowe syndrome and Dent disease. Kidney International, 2020, 98, 883-896.	5.2	14
34	Cell-Based Phenotypic Drug Screening Identifies Luteolin as Candidate Therapeutic for Nephropathic Cystinosis. Journal of the American Society of Nephrology: JASN, 2020, 31, 1522-1537.	6.1	18
35	Architecture and function of human uromodulin filaments in urinary tract infections. Science, 2020, 369, 1005-1010.	12.6	81
36	Genetic variation in claudin-2, hypercalciuria, and kidney stones. Kidney International, 2020, 98, 1076-1078.	5.2	2

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37	Targeting chloride transport in autosomal dominant polycystic kidney disease. Cellular Signalling, 2020, 73, 109703.	3.6	17
38	Impaired mitophagy links mitochondrial disease to epithelial stress in methylmalonyl-CoA mutase deficiency. Nature Communications, 2020, 11, 970.	12.8	65
39	Transgenic zebrafish modeling low-molecular-weight proteinuria and lysosomal storage diseases. Kidney International, 2020, 97, 1150-1163.	5.2	16
40	Next-generation sequencing for detection of somatic mosaicism in autosomal dominant polycystic kidney disease. Kidney International, 2020, 97, 261-263.	5.2	7
41	Methylmalonyl acidemia: from mitochondrial metabolism to defective mitophagy and disease. Autophagy, 2020, 16, 1159-1161.	9.1	13
42	The first decade of Kidney International: treasure hunt for the kidney tubule. Kidney International, 2020, 97, 818-822.	5.2	0
43	Clinical and genetic spectra of autosomal dominant tubulointerstitial kidney disease due to mutationsÂin UMOD and MUC1. Kidney International, 2020, 98, 717-731.	5.2	75
44	The cryo-EM structure of the human uromodulin filament core reveals a unique assembly mechanism. ELife, 2020, 9, .	6.0	26
45	Resistance to Insulin in Patients with Gitelman Syndrome and a Subtle Intermediate Phenotype in Heterozygous Carriers: A Cross-Sectional Study. Journal of the American Society of Nephrology: JASN, 2019, 30, 1534-1545.	6.1	36
46	High-throughput sequencing contributes to the diagnosis of tubulopathies and familial hypercalcemia hypocalciuria in adults. Kidney International, 2019, 96, 1408-1416.	5.2	36
47	Hepsin-mediated Processing of Uromodulin is Crucial for Salt-sensitivity and Thick Ascending Limb Homeostasis. Scientific Reports, 2019, 9, 12287.	3.3	41
48	Autosomal dominant tubulointerstitial kidney disease. Nature Reviews Disease Primers, 2019, 5, 60.	30.5	139
49	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. Nature Communications, 2019, 10, 4130.	12.8	133
50	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. Nature Genetics, 2019, 51, 1459-1474.	21.4	251
51	Learning Physiology from Inherited Kidney Disorders. Physiological Reviews, 2019, 99, 1575-1653.	28.8	60
52	Blood pressure measurement in mice: tail-cuff or telemetry?. Kidney International, 2019, 96, 36.	5.2	10
53	A catalog of genetic loci associated with kidney function from analyses of a million individuals. Nature Genetics, 2019, 51, 957-972.	21.4	549
54	Overcoming Endocytosis Deficiency by Cubosome Nanocarriers. ACS Applied Bio Materials, 2019, 2, 2490-2499.	4.6	23

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55	Plasma copeptin levels predict disease progression and tolvaptan efficacy in autosomal dominant polycystic kidney disease. Kidney International, 2019, 96, 159-169.	5.2	51
56	The Urinary Excretion of Uromodulin is Regulated by the Potassium Channel ROMK. Scientific Reports, 2019, 9, 19517.	3.3	21
57	Estimated 24-h urinary sodium and sodium-to-potassium ratio are predictors of kidney function decline in a population-based study. Journal of Hypertension, 2019, 37, 1853-1860.	0.5	22
58	OCRL deficiency impairs endolysosomal function in a humanized mouse model for Lowe syndrome and Dent disease. Human Molecular Genetics, 2019, 28, 1931-1946.	2.9	41
59	The patient with metabolic alkalosis. Acta Clinica Belgica, 2019, 74, 34-40.	1.2	13
60	Claudins: a tale of interactions in the thick ascending limb. Kidney International, 2018, 93, 535-537.	5.2	15
61	Simultaneous sequencing of 37 genes identified causative mutations in the majority of children with renal tubulopathies. Kidney International, 2018, 93, 961-967.	5.2	77
62	Peritoneal dialysis beyond kidney failure?. Journal of Controlled Release, 2018, 282, 3-12.	9.9	5
63	Prevalence of Hypertension in Children with Early-Stage ADPKD. Clinical Journal of the American Society of Nephrology: CJASN, 2018, 13, 874-883.	4.5	65
64	NRF2 regulates the glutamine transporter Slc38a3 (SNAT3) in kidney in response to metabolic acidosis. Scientific Reports, 2018, 8, 5629.	3.3	20
65	Impaired autophagy bridges lysosomal storage disease and epithelial dysfunction in the kidney. Nature Communications, 2018, 9, 161.	12.8	114
66	Unveiling the genetic architecture of kidney disease. Nature Reviews Nephrology, 2018, 14, 80-82.	9.6	9
67	Mechanisms of acidâ€“base regulation in peritoneal dialysis. Nephrology Dialysis Transplantation, 2018, 33, 864-873.	0.7	5
68	Multicenter, open-label, extension trial to evaluate the long-term efficacy and safety of early versus delayed treatment with tolvaptan in autosomal dominant polycystic kidney disease: the TEMPO 4:4 Trial. Nephrology Dialysis Transplantation, 2018, 33, 477-489.	0.7	119
69	Can we further enrich autosomal dominant polycystic kidney disease clinical trials for rapidly progressive patients? Application of the PROPKD score in the TEMPO trial. Nephrology Dialysis Transplantation, 2018, 33, 645-652.	0.7	31
70	Genome-Wide Meta-Analysis Unravels Interactions between Magnesium Homeostasis and Metabolic Phenotypes. Journal of the American Society of Nephrology: JASN, 2018, 29, 335-348.	6.1	34
71	Suppression of microRNA Activity in Kidney Collecting Ducts Induces Partial Loss of Epithelial Phenotype and Renal Fibrosis. Journal of the American Society of Nephrology: JASN, 2018, 29, 518-531.	6.1	46
72	The UMOD Locus: Insights into the Pathogenesis and Prognosis of Kidney Disease. Journal of the American Society of Nephrology: JASN, 2018, 29, 713-726.	6.1	54

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73	Multiplex epithelium dysfunction due to CLDN10 mutation: the HELIX syndrome. Genetics in Medicine, 2018, 20, 190-201.	2.4	75
74	FP345ESTIMATED 24H URINARY SODIUM AND SODIUM TO POTASSIUM RATIO ARE PREDICTORS OF KIDNEY FUNCTION DECLINE IN A POPULATION BASED STUDY. Nephrology Dialysis Transplantation, 2018, 33, i147-i148.	0.7	0
75	Combined Structural and Functional Imaging of the Kidney Reveals Major Axial Differences in Proximal Tubule Endocytosis. Journal of the American Society of Nephrology: JASN, 2018, 29, 2696-2712.	6.1	73
76	The excretion of uromodulin is modulated by the calcium-sensing receptor. Kidney International, 2018, 94, 882-886.	5.2	20
77	Defective autophagy degradation and abnormal tight junction-associated signaling drive epithelial dysfunction in cystinosis. Autophagy, 2018, 14, 1157-1159.	9.1	18
78	Mechanisms of Crystalloid versus Colloid Osmosis across the Peritoneal Membrane. Journal of the American Society of Nephrology: JASN, 2018, 29, 1875-1886.	6.1	47
79	FO044UROMODULIN REFLECTS NEPHRON MASS IN THE GENERAL POPULATION AND KIDNEY DONORS. Nephrology Dialysis Transplantation, 2018, 33, i36-i36.	0.7	0
80	Uromodulin and Nephron Mass. Clinical Journal of the American Society of Nephrology: CJASN, 2018, 13, 1556-1557.	4.5	44
81	Uromodulin is expressed in the distal convoluted tubule, where it is critical for regulation of the sodium chloride cotransporter NCC. Kidney International, 2018, 94, 701-715.	5.2	94
82	Bone marrow transplantation improves proximal tubule dysfunction in a mouse model of Dent disease. Kidney International, 2017, 91, 842-855.	5.2	28
83	Common variants in CLDN14 are associated with differential excretion of magnesium over calcium in urine. Pflugers Archiv European Journal of Physiology, 2017, 469, 91-103.	2.8	27
84	A novel homozygous UMOD mutation reveals gene dosage effects on uromodulin processing and urinary excretion. Nephrology Dialysis Transplantation, 2017, 32, 1994-1999.	0.7	19
85	The Hypertension Pandemic: An Evolutionary Perspective. Physiology, 2017, 32, 112-125.	3.1	102
86	Mouse model for inherited renal fibrosis associated with endoplasmic reticulum stress. DMM Disease Models and Mechanisms, 2017, 10, 773-786.	2.4	34
87	SOS2 and ACP1 Loci Identified through Large-Scale Exome Chip Analysis Regulate Kidney Development and Function. Journal of the American Society of Nephrology: JASN, 2017, 28, 981-994.	6.1	39
88	Urine Osmolality, Response to Tolvaptan, and Outcome in Autosomal Dominant Polycystic Kidney Disease: Results from the TEMPO 3:4 Trial. Journal of the American Society of Nephrology: JASN, 2017, 28, 1592-1602.	6.1	78
89	Gitelman syndrome: consensus and guidance from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference. Kidney International, 2017, 91, 24-33.	5.2	230
90	Common Elements in Rare Kidney Diseases: Conclusions from a Kidney Disease: Improving Global Outcomes (KDIGO) Controversies Conference. Kidney International, 2017, 92, 796-808.	5.2	40

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91	A population-based approach to assess the heritability and distribution of renal handling of electrolytes. Kidney International, 2017, 92, 1536-1543.	5.2	20
92	Tolerability of Aquaretic-Related Symptoms Following Tolvaptan for Autosomal Dominant Polycystic Kidney Disease: Results From TEMPO 3:4. Kidney International Reports, 2017, 2, 1132-1140.	0.8	35
93	Uromodulin: from physiology to rare and complex kidney disorders. Nature Reviews Nephrology, 2017, 13, 525-544.	9.6	220
94	Tolvaptan in Later-Stage Autosomal Dominant Polycystic Kidney Disease. New England Journal of Medicine, 2017, 377, 1930-1942.	27.0	420
95	The 5-phosphatase OCRL in Lowe syndrome and Dent disease 2. Nature Reviews Nephrology, 2017, 13, 455-470.	9.6	106
96	Tolvaptan and Kidney Pain in Patients With Autosomal DominantÂPolycystic Kidney Disease: Secondary Analysis FromÂa Randomized Controlled Trial. American Journal of Kidney Diseases, 2017, 69, 210-219.	1.9	37
97	Multicenter, open-label, extension trial to evaluate the long-term efficacy and safety of early versus delayed treatment with tolvaptan in autosomal dominant polycystic kidney disease: the TEMPO 4:4 Trial. Nephrology Dialysis Transplantation, 2017, 32, 1262-1262.	0.7	47
98	Autophagosomeâ€“lysosome fusion triggers a lysosomal response mediated by TLR9 and controlled by OCRL. Nature Cell Biology, 2016, 18, 839-850.	10.3	140
99	Fibroblast growth factor 23 and markers of mineral metabolism in individuals with preserved renalÂfunction. Kidney International, 2016, 90, 648-657.	5.2	51
100	TRPV4 is associated with central rather than nephrogenic osmoregulation. Pflugers Archiv European Journal of Physiology, 2016, 468, 1595-1607.	2.8	21
101	Tubular proteinuria in patients with HNF1Î± mutations: HNF1Î± drives endocytosis in the proximal tubule. Kidney International, 2016, 89, 1075-1089.	5.2	29
102	Prognostic Enrichment Design in Clinical Trials for Autosomal Dominant Polycystic Kidney Disease: The TEMPO 3:4 Clinical Trial. Kidney International Reports, 2016, 1, 213-220.	0.8	37
103	Novel Mouse Models of Methylmalonic Aciduria Recapitulate Phenotypic Traits with a Genetic Dosage Effect. Journal of Biological Chemistry, 2016, 291, 20563-20573.	3.4	35
104	TRPV4 participates in pressureâ€induced inhibition of renin secretion by juxtaglomerular cells. Journal of Physiology, 2016, 594, 7327-7340.	2.9	16
105	Ultrafiltration Failure and Impaired Sodium Sieving during Long-Term Peritoneal Dialysis: More than Aquaporin Dysfunction?. Peritoneal Dialysis International, 2016, 36, 227-231.	2.3	9
106	The Current State of Peritoneal Dialysis. Journal of the American Society of Nephrology: JASN, 2016, 27, 3238-3252.	6.1	366
107	Observations of a large Dent disease cohort. Kidney International, 2016, 90, 430-439.	5.2	71
108	Genome-wide Association Studies Identify Genetic Loci Associated With Albuminuria in Diabetes. Diabetes, 2016, 65, 803-817.	0.6	131

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109	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. Nature Communications, 2016, 7, 10023.	12.8	412
110	The Uromodulin Gene Locus Shows Evidence of Pathogen Adaptation through Human Evolution. Journal of the American Society of Nephrology: JASN, 2016, 27, 2983-2996.	6.1	37
111	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. Nephrology Dialysis Transplantation, 2016, 31, 337-348.	0.7	206
112	Human proximal tubule cells form functional microtissues. Pflugers Archiv European Journal of Physiology, 2016, 468, 739-750.	2.8	14
113	Clinical, Genetic, and Urinary Factors Associated with Uromodulin Excretion. Clinical Journal of the American Society of Nephrology: CJASN, 2016, 11, 62-69.	4.5	33
114	Albuminuria and tolvaptan in autosomal-dominant polycystic kidney disease: results of the TEMPO 3:4 Trial. Nephrology Dialysis Transplantation, 2016, 31, 1887-1894.	0.7	46
115	Associations of Urinary Uromodulin with Clinical Characteristics and Markers of Tubular Function in the General Population. Clinical Journal of the American Society of Nephrology: CJASN, 2016, 11, 70-80.	4.5	87
116	Impaired Lysosomal Function Underlies Monoclonal Light Chainâ€“Associated Renal Fanconi Syndrome. Journal of the American Society of Nephrology: JASN, 2016, 27, 2049-2061.	6.1	52
117	Chloride transporters and receptorâ€mediated endocytosis in the renal proximal tubule. Journal of Physiology, 2015, 593, 4151-4164.	2.9	39
118	Water and solute transport across the peritoneal membrane. Current Opinion in Nephrology and Hypertension, 2015, 24, 434-443.	2.0	18
119	Association Studies of Calcium-Sensing Receptor (CaSR) Polymorphisms with Serum Concentrations of Glucose and Phosphate, and Vascular Calcification in Renal Transplant Recipients. PLoS ONE, 2015, 10, e0119459.	2.5	15
120	Recurrent FXYD2 p.Gly41Arg mutation in patients with isolated dominant hypomagnesaemia. Nephrology Dialysis Transplantation, 2015, 30, 952-957.	0.7	51
121	Uromodulin, kidney function, cardiovascular disease, and mortality. Kidney International, 2015, 88, 944-946.	5.2	24
122	Rab-GAP TBC1D4 (AS160) is dispensable for the renal control of sodium and water homeostasis but regulates GLUT4 in mouse kidney. American Journal of Physiology - Renal Physiology, 2015, 309, F779-F790.	2.7	6
123	Paradoxical response to furosemide in uromodulin-associated kidney disease. Nephrology Dialysis Transplantation, 2015, 30, 330-335.	0.7	23
124	Autosomal dominant tubulointerstitial kidney disease: diagnosis, classification, and managementâ€”A KDIGO consensus report. Kidney International, 2015, 88, 676-683.	5.2	276
125	The SAM domain of ANKS6 has different interacting partners and mutations can induce different cystic phenotypes. Kidney International, 2015, 88, 299-310.	5.2	19
126	Peritoneal Dialysis: Nanoparticles Have Entered the Game. Peritoneal Dialysis International, 2015, 35, 240-240.	2.3	5

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127	Mutation Update of theCLCN5Gene Responsible for Dent Disease 1. Human Mutation, 2015, 36, 743-752.	2.5	66
128	Factors influencing success of clinical genome sequencing across a broad spectrum of disorders. Nature Genetics, 2015, 47, 717-726.	21.4	310
129	Autosomal dominant polycystic kidney disease: the changing face of clinical management. Lancet, The, 2015, 385, 1993-2002.	13.7	227
130	Interstitial Fibrosis Restricts Osmotic Water Transport in Encapsulating Peritoneal Sclerosis. Journal of the American Society of Nephrology: JASN, 2015, 26, 2521-2533.	6.1	84
131	Copeptin Is Associated with Kidney Length, Renal Function, and Prevalence of Simple Cysts in a Population-Based Study. Journal of the American Society of Nephrology: JASN, 2015, 26, 1415-1425.	6.1	48
132	The serine protease hepsin mediates urinary secretion and polymerisation of Zona Pellucida domain protein uromodulin. ELife, 2015, 4, e08887.	6.0	92
133	Building a network of ADPKD reference centres across Europe: the EuroCYST initiative. Nephrology Dialysis Transplantation, 2014, 29, iv26-iv32.	0.7	11
134	Acute metabolic acidosis in a GLUT2-deficient patient with Fanconi-Bickel syndrome: new pathophysiology insights. Nephrology Dialysis Transplantation, 2014, 29, iv113-iv116.	0.7	15
135	Water transport across the peritoneal membrane. Kidney International, 2014, 85, 750-758.	5.2	78
136	Quantification of osmotic water transport in vivo using fluorescent albumin. American Journal of Physiology - Renal Physiology, 2014, 307, F981-F989.	2.7	16
137	Gitelman syndrome and glomerular proteinuria: a link between loss of sodium-chloride cotransporter and podocyte dysfunction?. Nephrology Dialysis Transplantation, 2014, 29, iv117-iv120.	0.7	18
138	A Protein Kinase Aâ€“Independent Pathway Controlling Aquaporin 2 Trafficking as a Possible Cause for the Syndrome of Inappropriate Antidiuresis Associated with Polycystic Kidney Disease 1 Haploinsufficiency. Journal of the American Society of Nephrology: JASN, 2014, 25, 2241-2253.	6.1	25
139	The Role of the Renal Ammonia Transporter Rhcg in Metabolic Responses to Dietary Protein. Journal of the American Society of Nephrology: JASN, 2014, 25, 2040-2052.	6.1	18
140	A primary culture system of mouse thick ascending limb cells with preserved function and uromodulin processing. Pflugers Archiv European Journal of Physiology, 2014, 466, 343-356.	2.8	24
141	Determination of uromodulin in human urine: influence of storage and processing. Nephrology Dialysis Transplantation, 2014, 29, 136-145.	0.7	78
142	Dedifferentiation and aberrations of the endolysosomal compartment characterize the early stage of nephropathic cystinosis. Human Molecular Genetics, 2014, 23, 2266-2278.	2.9	66
143	Common Variants in UMOD Associate with Urinary Uromodulin Levels. Journal of the American Society of Nephrology: JASN, 2014, 25, 1869-1882.	6.1	85
144	Renal transplantation in autosomal dominant polycystic kidney disease. Nature Reviews Nephrology, 2014, 10, 455-465.	9.6	65

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145	Critical Role of Aquaporins in Interleukin 1Î² (IL-1Î²)-induced Inflammation. Journal of Biological Chemistry, 2014, 289, 13937-13947.	3.4	65
146	Rare inherited kidney diseases: challenges, opportunities, and perspectives. Lancet, The, 2014, 383, 1844-1859.	13.7	194
147	Common noncoding UMOD gene variants induce salt-sensitive hypertension and kidney damage by increasing uromodulin expression. Nature Medicine, 2013, 19, 1655-1660.	30.7	317
148	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. Nature Genetics, 2013, 45, 145-154.	21.4	675
149	Evolving importance of kidney disease: from subspecialty to global health burden. Lancet, The, 2013, 382, 158-169.	13.7	874
150	Osmoregulation, vasopressin, and cAMP signaling in autosomal dominant polycystic kidney disease. Current Opinion in Nephrology and Hypertension, 2013, 22, 459-470.	2.0	63
151	AqF026 Is a Pharmacologic Agonist of the Water Channel Aquaporin-1. Journal of the American Society of Nephrology: JASN, 2013, 24, 1045-1052.	6.1	52
152	Autosomal dominant polycystic kidney disease is associated with central and nephrogenic defects in osmoregulation. Kidney International, 2012, 82, 1121-1129.	5.2	57
153	Tolvaptan in Patients with Autosomal Dominant Polycystic Kidney Disease. New England Journal of Medicine, 2012, 367, 2407-2418.	27.0	1,267
154	Mice disrupted for the ammonia channel RhCG compensate a physiological acid load of high protein diet. FASEB Journal, 2012, 26, 1068.12.	0.5	0
155	Diagnosis, management, and prognosis of HNF1B nephropathy in adulthood. Kidney International, 2011, 80, 768-776.	5.2	154
156	Rationale and Design of the TEMPO (Tolvaptan Efficacy and Safety in Management of Autosomal) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2011, 57, 692-699.	1.9	115
157	CNNM2, Encoding a Basolateral Protein Required for Renal Mg2+ Handling, Is Mutated in Dominant Hypomagnesemia. American Journal of Human Genetics, 2011, 88, 333-343.	6.2	184
158	Decreased renal accumulation of aminoglycoside reflects defective receptor-mediated endocytosis in cystic fibrosis and Dentâ€™s disease. Pflugers Archiv European Journal of Physiology, 2011, 462, 851-860.	2.8	18
159	CUBN Is a Gene Locus for Albuminuria. Journal of the American Society of Nephrology: JASN, 2011, 22, 555-570.	6.1	208
160	Phenotype and Outcome in Hereditary Tubulointerstitial Nephritis Secondary to UMOD Mutations. Clinical Journal of the American Society of Nephrology: CJASN, 2011, 6, 2429-2438.	4.5	109
161	Toward Understanding Renal Fanconi Syndrome: Step by Step Advances through Experimental Models. Contributions To Nephrology, 2011, 169, 247-261.	1.1	49
162	Spectrum of Mutations in Gitelman Syndrome. Journal of the American Society of Nephrology: JASN, 2011, 22, 693-703.	6.1	190

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163	Segmental and Subcellular Distribution of CFTR in the Kidney. Methods in Molecular Biology, 2011, 741, 285-299.	0.9	8
164	Genetic loci influencing kidney function and chronic kidney disease. Nature Genetics, 2010, 42, 373-375.	21.4	246
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