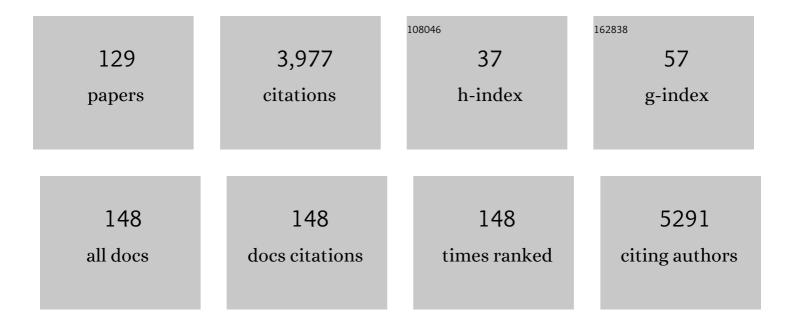
List of Publications by Year in descending order

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#	Article	lF	CITATIONS
1	Acute interstitial nephritis after messenger RNA-based vaccination. CKJ: Clinical Kidney Journal, 2022, 15, 174-176.	1.4	9
2	Parallel targeted and non-targeted quantitative analysis of steroids in human serum and peritoneal fluid by liquid chromatography high-resolution mass spectrometry. Analytical and Bioanalytical Chemistry, 2022, 414, 7461-7472.	1.9	9
3	Urinary tetrahydroaldosterone is associated with circulating FGF23 in kidney stone formers. Urolithiasis, 2022, 50, 333-340.	1.2	2
4	Predictors of Bone Mineral Density in Kidney Stone Formers. Kidney International Reports, 2022, 7, 558-567.	0.4	4
5	Impact of the SGLT2 inhibitor empagliflozin on urinary supersaturations in kidney stone formers (SWEETSTONE trial): protocol for a randomised, double-blind, placebo-controlled cross-over trial. BMJ Open, 2022, 12, e059073.	0.8	9
6	Increased glucocorticoid metabolism in diabetic kidney disease. PLoS ONE, 2022, 17, e0269920.	1.1	5
7	Influence of Immunosuppressive Regimen on Diffusivity and Oxygenation of Kidney Transplants—Analysis of Functional MRI Data from the Randomized ZEUS Trial. Journal of Clinical Medicine, 2022, 11, 3284.	1.0	2
8	Uromodulin, Salt, and 24-Hour Blood Pressure in the General Population. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 787-789.	2.2	11
9	Differential assessment of fluid compartments by bioimpedance in pediatric patients with kidney diseases. Pediatric Nephrology, 2021, 36, 1843-1850.	0.9	7
10	Solute carrier SLC16A12 is critical for creatine and guanidinoacetate handling in the kidney. American Journal of Physiology - Renal Physiology, 2021, 320, F351-F358.	1.3	8
11	Acidosisâ€induced activation of distal nephron principal cells triggers Gdf15 secretion and adaptive proliferation of intercalated cells. Acta Physiologica, 2021, 232, e13661.	1.8	10
12	Steroid hormone bioavailability is controlled by the lymphatic system. Scientific Reports, 2021, 11, 9666.	1.6	6
13	A variant of ASIC2 mediates sodium retention in nephrotic syndrome. JCI Insight, 2021, 6, .	2.3	4
14	Sex- and age-specific reference intervals for diagnostic ratios reflecting relative activity of steroidogenic enzymes and pathways in adults. PLoS ONE, 2021, 16, e0253975.	1.1	2
15	De novo vasculitis after mRNA-1273 (Moderna) vaccination. Kidney International, 2021, 100, 474-476.	2.6	71
16	Hip Position Acutely Affects Oxygenation and Perfusion of Kidney Grafts as Measured by Functional Magnetic Resonance Imaging Methods—The Bent Knee Study. Frontiers in Medicine, 2021, 8, 697055.	1.2	4
17	Investigating the Relations Between Caffeine-Derived Metabolites and Plasma Lipids in 2 Population-Based Studies. Mayo Clinic Proceedings, 2021, 96, 3071-3085.	1.4	2
18	Changes of lipoprotein(a) levels with endogenous steroid hormones. European Journal of Clinical Investigation, 2021, , e13699.	1.7	1

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19	Mass spectrometry imaging and its place in nephrology. Nephrology Dialysis Transplantation, 2021, , .	0.4	1
20	Steroid identification via deep learning retention time predictions and two-dimensional gas chromatography-high resolution mass spectrometry. Journal of Chromatography A, 2020, 1612, 460661.	1.8	19
21	Parathyroid Hormone and Plasma Phosphate Are Predictors of Soluble α-Klotho Levels in Adults of European Descent. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e1135-e1143.	1.8	8
22	Sodium Intake Is Associated With Renal Resistive Index in an Adult Population-Based Study. Hypertension, 2020, 76, 1898-1905.	1.3	4
23	Association of urinary sex steroid hormones with urinary calcium, oxalate and citrate excretion in kidney stone formers. Nephrology Dialysis Transplantation, 2020, , .	0.4	14
24	Downregulation of Cyp7a1 by Cholic Acid and Chenodeoxycholic Acid in Cyp27a1/ApoE Double Knockout Mice: Differential Cardiovascular Outcome. Frontiers in Endocrinology, 2020, 11, 586980.	1.5	10
25	P1782INFLUENCE OF IMMUNOSUPPRESSIVE REGIMEN ON OXYGENATION AND DIFFUSIVITY OF KIDNEY TRANSPLANTS - ANALYSIS OF FUNCTIONAL MRI DATA FROM THE RANDOMIZED ZEUS STUDY. Nephrology Dialysis Transplantation, 2020, 35, .	0.4	Ο
26	Urinary Lithogenic Risk Profile in ADPKD Patients Treated with Tolvaptan. Clinical Journal of the American Society of Nephrology: CJASN, 2020, 15, 1007-1014.	2.2	17
27	Quality of Life in Autosomal Dominant Polycystic Kidney Disease Patients Treated With Tolvaptan. Kidney Medicine, 2020, 2, 162-171.	1.0	17
28	The genetic architecture of membranous nephropathy and its potential to improve non-invasive diagnosis. Nature Communications, 2020, 11, 1600.	5.8	120
29	A Single Load of Fructose Attenuates the Risk of Exercise-Induced Hypoglycemia in Adults With Type 1 Diabetes on Ultra-Long-Acting Basal Insulin: A Randomized, Open-Label, Crossover Proof-of-Principle Study. Diabetes Care, 2020, 43, 2010-2016.	4.3	5
30	Concentration and Chemical Stability of Commercially Available Insulins: A High-Resolution Mass Spectrometry Study. Diabetes Technology and Therapeutics, 2020, 22, 326-329.	2.4	2
31	Urinary steroid profiles: comparison of spot and 24-hour collections. Journal of Steroid Biochemistry and Molecular Biology, 2020, 200, 105662.	1.2	5
32	Ambulatory Blood Pressure in Relation to Plasma and Urinary Manganese. Hypertension, 2020, 75, 1133-1139.	1.3	8
33	Clinical and genetic spectra of autosomal dominant tubulointerstitial kidney disease due to mutationsÂin UMOD and MUC1. Kidney International, 2020, 98, 717-731.	2.6	75
34	Distinct phenotype of kidney stone formers with renal phosphate leak. Nephrology Dialysis Transplantation, 2019, 34, 129-137.	0.4	11
35	Shortâ€ŧerm fully closedâ€loop insulin delivery using faster insulin aspart compared with standard insulin aspart in type 2 diabetes. Diabetes, Obesity and Metabolism, 2019, 21, 2718-2722.	2.2	13
36	Renal Resistive Index Is Associated With Inactive Matrix Gla (γ arboxyglutamate) Protein in an Adult Populationâ€Based Study. Journal of the American Heart Association, 2019, 8, e013558.	1.6	5

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37	ANP-stimulated Na+ secretion in the collecting duct prevents Na+ retention in the renal adaptation to acid load. American Journal of Physiology - Renal Physiology, 2019, 317, F435-F443.	1.3	4
38	Urinary Sex Steroid and Glucocorticoid Hormones Are Associated With Muscle Mass and Strength in Healthy Adults. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 2195-2215.	1.8	14
39	Fully closed-loop insulin delivery improves glucoseÂcontrol of inpatients with type 2 diabetesÂreceiving hemodialysis. Kidney International, 2019, 96, 593-596.	2.6	51
40	Reference intervals for the urinary steroid metabolome: The impact of sex, age, day and night time on human adult steroidogenesis. PLoS ONE, 2019, 14, e0214549.	1.1	38
41	Effect of bile acids feeding on atherosclerosis in ApoE â^'/â^' mice. FASEB Journal, 2019, 33, lb402.	0.2	0
42	Urinary Cadmium Excretion Is Associated With Increased Synthesis of Cortico- and Sex Steroids in a Population Study. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 748-758.	1.8	18
43	Association of 24-Hour Blood Pressure With Urinary Sodium Excretion in Healthy Adults. American Journal of Hypertension, 2018, 31, 784-791.	1.0	9
44	Sterol 27-hydroxylase gene dosage and the antiatherosclerotic effect of Rifampicin in mice. Bioscience Reports, 2018, 38, .	1.1	3
45	Reduced cortical oxygenation predicts a progressive decline of renal function in patients with chronic kidney disease. Kidney International, 2018, 93, 932-940.	2.6	133
46	Associations of Urinary Caffeine and Caffeine Metabolites With Arterial Stiffness in a Large Population-Based Study. Mayo Clinic Proceedings, 2018, 93, 586-596.	1.4	17
47	Medication adherence during laboratory workup for primary aldosteronism: pilot study. Patient Preference and Adherence, 2018, Volume 12, 2449-2455.	0.8	3
48	Efficacy of standard and low dose hydrochlorothiazide in the recurrence prevention of calcium nephrolithiasis (NOSTONE trial): protocol for a randomized double-blind placebo-controlled trial. BMC Nephrology, 2018, 19, 349.	0.8	19
49	Onset and progression of diabetes in kidney transplant patients receiving everolimus or cyclosporine therapy: an analysis of two randomized, multicenter trials. BMC Nephrology, 2018, 19, 237.	0.8	14
50	Urinary steroid profiling in women hints at a diagnostic signature of the polycystic ovary syndrome: A pilot study considering neglected steroid metabolites. PLoS ONE, 2018, 13, e0203903.	1.1	31
51	FP063EVALUATION OF COMPLEX RENAL CYSTIC LESIONS WITH CONTRAST ENHANCED ULTRASOUND AND FUNCTIONAL MAGNETIC RESONANCE IMAGING VERSUS THE GOLD STANDARD: COMPUTER TOMOGRAPHY. Nephrology Dialysis Transplantation, 2018, 33, i68-i69.	0.4	0
52	The effect of a previous created distal arteriovenous-fistula on radial bone DXA measurements in prevalent renal transplant recipients. PLoS ONE, 2018, 13, e0200708.	1.1	3
53	Uromodulin and Nephron Mass. Clinical Journal of the American Society of Nephrology: CJASN, 2018, 13, 1556-1557.	2.2	44
54	A comprehensive urinary steroid analysis strategy using two-dimensional gas chromatography – time of flight mass spectrometry. Analyst, The, 2018, 143, 4484-4494.	1.7	27

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55	Reduction of cortical oxygenation in chronic kidney disease: evidence obtained with a new analysis method of blood oxygenation level-dependent magnetic resonance imaging. Nephrology Dialysis Transplantation, 2017, 32, gfw362.	0.4	53
56	Serum calcification propensity is associated with renal tissue oxygenation and resistive index in patients with arterial hypertension or chronic kidney disease. Journal of Hypertension, 2017, 35, 2044-2052.	0.3	28
57	Everolimus with cyclosporine withdrawal or low-exposure cyclosporine in kidney transplantation from Month 3: a multicentre, randomized trial. Nephrology Dialysis Transplantation, 2017, 32, 1060-1070.	0.4	31
58	A population-based approach to assess the heritability and distribution of renal handling of electrolytes. Kidney International, 2017, 92, 1536-1543.	2.6	20
59	Furosemide/Fludrocortisone Test and Clinical Parameters to Diagnose Incomplete Distal Renal Tubular Acidosis in Kidney Stone Formers. Clinical Journal of the American Society of Nephrology: CJASN, 2017, 12, 1507-1517.	2.2	38
60	A new prescription model for regional citrate anticoagulation in therapeutic plasma exchanges. BMC Nephrology, 2017, 18, 81.	0.8	12
61	Androgen biosynthesis during minipuberty favors the backdoor pathway over the classic pathway: Insights into enzyme activities and steroid fluxes in healthy infants during the first year of life from the urinary steroid metabolome. Journal of Steroid Biochemistry and Molecular Biology, 2017, 165, 312-322.	1.2	39
62	Fibroblast growth factor 23 and markers of mineral metabolism in individuals with preserved renalÂfunction. Kidney International, 2016, 90, 648-657.	2.6	51
63	Relation of 24-hour urinary caffeine and caffeine metabolite excretions with self-reported consumption of coffee and other caffeinated beverages in the general population. Nutrition and Metabolism, 2016, 13, 81.	1.3	19
64	Diffusion tensor imaging of the human kidney: Does image registration permit scanning without respiratory triggering?. Journal of Magnetic Resonance Imaging, 2016, 44, 327-334.	1.9	16
65	Hepatic caveolinâ€1 is enhanced in Cyp27a1/ApoE double knockout mice. FEBS Open Bio, 2016, 6, 1025-1035.	1.0	3
66	Oxidative Stress and Nuclear Factor κB (NF-κB) Increase Peritoneal Filtration and Contribute to Ascites Formation in Nephrotic Syndrome. Journal of Biological Chemistry, 2016, 291, 11105-11113.	1.6	11
67	Renal Blood Oxygenation Level–dependent Imaging in Longitudinal Follow-up of Donated and Remaining Kidneys. Radiology, 2016, 279, 795-804.	3.6	20
68	Sociodemographic, behavioral and genetic determinants of allostatic load in a Swiss population-based study. Psychoneuroendocrinology, 2016, 67, 76-85.	1.3	50
69	Mutation in the Monocarboxylate Transporter 12 Gene Affects Guanidinoacetate Excretion but Does Not Cause Glucosuria. Journal of the American Society of Nephrology: JASN, 2016, 27, 1426-1436.	3.0	21
70	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.	2.2	87
71	The Vacuolar H+-ATPase B1 Subunit Polymorphism p.E161K Associates with Impaired Urinary Acidification in Recurrent Stone Formers. Journal of the American Society of Nephrology: JASN, 2016, 27, 1544-1554.	3.0	48
72	CYP17A1 Enzyme Activity Is Linked to Ambulatory Blood Pressure in a Family-Based Population Study. American Journal of Hypertension, 2016, 29, 484-493.	1.0	13

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73	Chronic kidney disease in the Swiss population. Swiss Medical Weekly, 2016, 146, w14319.	0.8	Ο
74	Quo usque tandem abutere, Catilina, patientia nostra?. Swiss Medical Weekly, 2016, 146, w14344.	0.8	1
75	New insights in ACEâ€independent angiotensin II production. Experimental Physiology, 2015, 100, 992-992.	0.9	Ο
76	Heritability of ambulatory and office blood pressure in the Swiss population. Journal of Hypertension, 2015, 33, 2061-2067.	0.3	12
77	A new technique with high reproducibility to estimate renal oxygenation using BOLD-MRI in chronic kidney disease. Magnetic Resonance Imaging, 2015, 33, 253-261.	1.0	40
78	Associations of Ambulatory Blood Pressure With Urinary Caffeine and Caffeine Metabolite Excretions. Hypertension, 2015, 65, 691-696.	1.3	36
79	Pharmacokinetic modelling of dialytic clearance in a case of acyclovir intoxication. International Journal of Antimicrobial Agents, 2015, 45, 325-327.	1.1	2
80	Patient Safety in Vascular Access Patients on Hemodialysis: Contrast Agents and Renal Function. Contributions To Nephrology, 2015, 184, 51-58.	1.1	0
81	Urine Fetuin-A is a biomarker of autosomal dominant polycystic kidney disease progression. Journal of Translational Medicine, 2015, 13, 103.	1.8	17
82	Estimation of reference curves for the urinary steroid metabolome in the first year of life in healthy children: Tracing the complexity of human postnatal steroidogenesis. Journal of Steroid Biochemistry and Molecular Biology, 2015, 154, 226-236.	1.2	49
83	Intermittent hemodialysis treatment in cefepimeâ€induced neurotoxicity: Case report, pharmacokinetic modeling, and review of the literature. Hemodialysis International, 2015, 19, 333-343.	0.4	23
84	ENaC activity in collecting ducts modulates NCC in cirrhotic mice. Pflugers Archiv European Journal of Physiology, 2015, 467, 2529-2539.	1.3	3
85	Inactive Matrix Gla-Protein Is Associated With Arterial Stiffness in an Adult Population–Based Study. Hypertension, 2015, 66, 85-92.	1.3	85
86	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.	3.0	48
87	The role of rituximab in the treatment of ANCA-associated vasculitides (AAV). Swiss Medical Weekly, 2015, 145, w14103.	0.8	3
88	Reactive Oxygen Species and NFkB Increase Peritoneal Filtration and Generate Ascites in Nephrotic Syndrome. FASEB Journal, 2015, 29, 963.7.	0.2	0
89	Epidemiology of Masked and White-Coat Hypertension: The Family-Based SKIPOGH Study. PLoS ONE, 2014, 9, e92522.	1.1	56
90	Determinants of Renal Tissue Oxygenation as Measured with BOLD-MRI in Chronic Kidney Disease and Hypertension in Humans. PLoS ONE, 2014, 9, e95895.	1.1	77

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91	Reference Values and Factors Associated With Renal Resistive Index in a Family-Based Population Study. Hypertension, 2014, 63, 136-142.	1.3	97
92	Effect of Cyp27A1 gene dosage on atherosclerosis development in ApoEâ€knockout mice. FASEB Journal, 2014, 28, 1198-1209.	0.2	19
93	Regulation of 11β-Hydroxysteroid Dehydrogenase Type 2 by MicroRNA. Hypertension, 2014, 64, 860-866.	1.3	34
94	Blockade of the renin–angiotensin system and renal tissue oxygenation as measured with BOLD-MRI in patients with type 2 diabetes. Diabetes Research and Clinical Practice, 2013, 99, 136-144.	1.1	38
95	Renal Tissue Oxygenation in Essential Hypertension and Chronic Kidney Disease. International Journal of Hypertension, 2013, 2013, 1-7.	0.5	30
96	Effect of dark chocolate on renal tissue oxygenation as measured by BOLD-MRI in healthy volunteers. Clinical Nephrology, 2013, 80, 211-217.	0.4	15
97	Renal perfusion evaluation with contrast-enhanced ultrasonography. Nephrology Dialysis Transplantation, 2012, 27, 674-681.	0.4	73
98	Referral Patterns and Outcomes in Noncritically III Patients with Hospital-Acquired Acute Kidney Injury. Clinical Journal of the American Society of Nephrology: CJASN, 2011, 6, 2215-2225.	2.2	76
99	Comparative vascular and renal tubular effects of angiotensin II receptor blockers combined with a thiazide diuretic in humans. Journal of Hypertension, 2010, 28, 520-526.	0.3	12
100	Effect of Sodium Loading/Depletion on Renal Oxygenation in Young Normotensive and Hypertensive Men. Hypertension, 2010, 55, 1116-1122.	1.3	69
101	Addition of Azathioprine to Corticosteroids Does Not Benefit Patients with IgA Nephropathy. Journal of the American Society of Nephrology: JASN, 2010, 21, 1783-1790.	3.0	120
102	Mycophenolic acid formulations in adult renal transplantation – update on efficacy and tolerability. Therapeutics and Clinical Risk Management, 2009, 5, 341.	0.9	11
103	Aldosterone and cardiovascular risk. Current Hypertension Reports, 2009, 11, 450-455.	1.5	21
104	The Association of Aldosterone With Obesity-Related Hypertension and the Metabolic Syndrome. Seminars in Nephrology, 2007, 27, 529-537.	0.6	39
105	Sodium retention and ascites formation in a cholestatic mice model: Role of aldosterone and mineralocorticoid receptor?. Hepatology, 2007, 46, 173-179.	3.6	18
106	Effect of donor-specific transfusions on the outcome of renal allografts in the cyclosporine era. Transplant International, 2006, 19, 19-26.	0.8	43
107	Non-invasive monitoring of renal oxygenation using BOLD-MRI: a reproducibility study. NMR in Biomedicine, 2006, 19, 84-89.	1.6	70
108	Analbuminemic Nagase Rats: Blood Pressure Response to Dietary Salt Challenge. Nephron Physiology, 2006, 104, p81-p86.	1.5	0

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109	Rethinking the Triggering Inflammatory Processes of Chronic Periaortitis. Nephron Experimental Nephrology, 2006, 105, e17-e23.	2.4	21
110	Comparison of continuous and intermittent renal replacement therapy for acute renal failure. Nephrology Dialysis Transplantation, 2005, 20, 1630-1637.	0.4	326
111	Urate oxidase (rasburicase) for treatment of severe tophaceous gout. Nephrology Dialysis Transplantation, 2005, 20, 431-433.	0.4	77
112	Regulation of Epithelial Sodium Channel in Puromycin Aminonucleoside-Induced Unilateral Experimental Nephrotic Syndrome in Normal and Analbuminemic Nagase Rats. Nephron Physiology, 2005, 101, p51-p62.	1.5	7
113	Sodium retention in rats with liver cirrhosis is associated with increased renal abundance of NaCl cotransporter (NCC). Nephrology Dialysis Transplantation, 2005, 20, 1833-1841.	0.4	16
114	Intrarenal arterial aneurysms with haematuria in a patient with tuberous sclerosis complex. Nephrology Dialysis Transplantation, 2005, 20, 2268-2270.	0.4	6
115	Renal haemosiderosis: an unusual presentation of acute renal failure in a patient following heart valve prosthesis. Nephrology Dialysis Transplantation, 2004, 19, 2682-2683.	0.4	15
116	A naturally occurring human Nedd4–2 variant displays impaired ENaC regulation in Xenopus laevis oocytes. American Journal of Physiology - Renal Physiology, 2004, 287, F550-F561.	1.3	35
117	Angiotensin-Converting Enzyme Inhibition but not Angiotensin II Receptor Blockade Regulates Matrix Metalloproteinase Activity in Patients with Glomerulonephritis. Journal of the American Society of Nephrology: JASN, 2003, 14, 2861-2872.	3.0	40
118	A Biallelic Gene Polymorphism of CYP11B2 Predicts Increased Aldosterone to Renin Ratio in Selected Hypertensive Patients. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 2495-2500.	1.8	51
119	Reduced 11beta-hydroxysteroid dehydrogenase activity in experimental nephrotic syndrome. Nephrology Dialysis Transplantation, 2002, 17, 753-758.	0.4	17
120	Association of plasminogen activator inhibitor-1 genotype with avascular osteonecrosis in steroid-treated renal allograft recipients1. Transplantation, 2002, 74, 1147-1152.	0.5	62
121	Short-term combination of mycophenolate mofetil with cyclosporine as a therapeutic option for renal transplant recipients. Transplantation, 2002, 74, 511-517.	0.5	24
122	Glycyrrhetinic Acid Decreases Plasma Potassium Concentrations in Patients with Anuria. Journal of the American Society of Nephrology: JASN, 2002, 13, 191-196.	3.0	43
123	Prophylactic hemodialysis after radiocontrast media in patients with renal insufficiency is potentially harmful. American Journal of Medicine, 2001, 111, 692-698.	0.6	262
124	Reduced activity of $11\hat{l}^2$ -hydroxysteroid dehydrogenase in patients with cholestasis. Journal of Clinical Investigation, 2001, 108, 1299-1305.	3.9	55
125	Identification of Receptor Ligands by Screening Phage-Display Peptide Libraries Ex Vivo on Microdissected Kidney Tubules. Journal of the American Society of Nephrology: JASN, 2001, 12, 308-316.	3.0	32
126	Inhibition of 11?-hydroxysteroid dehydrogenase by bile acids in rats with cirrhosis. Hepatology, 1999, 30, 623-629.	3.6	49

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127	Furosemide Inhibits 11β-Hydroxysteroid Dehydrogenase Type 21. Endocrinology, 1998, 139, 3849-3854.	1.4	26
128	Reduced 11β-Hydroxysteroid Dehydrogenase Activity in the Remaining Kidney Following Nephrectomy*. Endocrinology, 1998, 139, 1533-1539.	1.4	25
129	Inhibition of angiogenesis in Kaposi's sarcoma by captopril. Lancet, The, 1997, 349, 1148.	6.3	35