# Hiddo J Lambers Heerspink

#### List of Publications by Citations

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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.

356 papers

20,410 citations

67 h-index

136 g-index

406 ext. papers

28,113 ext. citations

**9.1** avg, IF

7.08 L-index

#	Paper	IF	Citations
356	Canagliflozin and Renal Outcomes in Type 2 Diabetes and Nephropathy. <i>New England Journal of Medicine</i> , <b>2019</b> , 380, 2295-2306	59.2	2060
355	Chronic kidney disease and cardiovascular risk: epidemiology, mechanisms, and prevention. <i>Lancet, The,</i> <b>2013</b> , 382, 339-52	40	1105
354	Dapagliflozin in Patients with Chronic Kidney Disease. <i>New England Journal of Medicine</i> , <b>2020</b> , 383, 143	6 <del>5</del> 194 <u>4</u> 6	865
353	Associations of kidney disease measures with mortality and end-stage renal disease in individuals with and without diabetes: a meta-analysis. <i>Lancet, The,</i> <b>2012</b> , 380, 1662-73	40	664
352	Bardoxolone methyl in type 2 diabetes and stage 4 chronic kidney disease. <i>New England Journal of Medicine</i> , <b>2013</b> , 369, 2492-503	59.2	662
351	Sodium Glucose Cotransporter 2 Inhibitors in the Treatment of Diabetes Mellitus: Cardiovascular and Kidney Effects, Potential Mechanisms, and Clinical Applications. <i>Circulation</i> , <b>2016</b> , 134, 752-72	16.7	631
350	Dapagliflozin a glucose-regulating drug with diuretic properties in subjects with type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , <b>2013</b> , 15, 853-62	6.7	501
349	Lower estimated glomerular filtration rate and higher albuminuria are associated with mortality and end-stage renal disease. A collaborative meta-analysis of kidney disease population cohorts. <i>Kidney International</i> , <b>2011</b> , 79, 1331-40	9.9	468
348	Global kidney health 2017 and beyond: a roadmap for closing gaps in care, research, and policy. <i>Lancet, The</i> , <b>2017</b> , 390, 1888-1917	40	419
347	SGLT2 inhibitors for the prevention of kidney failure in patients with type 2 diabetes: a systematic review and meta-analysis. <i>Lancet Diabetes and Endocrinology,the</i> , <b>2019</b> , 7, 845-854	18.1	335
346	Effects of dapagliflozin on development and progression of kidney disease in patients with type 2 diabetes: an analysis from the DECLARE-TIMI 58 randomised trial. <i>Lancet Diabetes and Endocrinology,the</i> , <b>2019</b> , 7, 606-617	18.1	304
345	Glomerular Hyperfiltration in Diabetes: Mechanisms, Clinical Significance, and Treatment. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2017</b> , 28, 1023-1039	12.7	303
344	Effect of lowering blood pressure on cardiovascular events and mortality in patients on dialysis: a systematic review and meta-analysis of randomised controlled trials. <i>Lancet, The</i> , <b>2009</b> , 373, 1009-15	40	302
343	Multinational Assessment of Accuracy of Equations for Predicting Risk of Kidney Failure: A Meta-analysis. <i>JAMA - Journal of the American Medical Association</i> , <b>2016</b> , 315, 164-74	27.4	258
342	KDIGO 2020 Clinical Practice Guideline for Diabetes Management in Chronic Kidney Disease. <i>Kidney International</i> , <b>2020</b> , 98, S1-S115	9.9	251
341	Association of vitamin D status with arterial blood pressure and hypertension risk: a mendelian randomisation study. <i>Lancet Diabetes and Endocrinology,the</i> , <b>2014</b> , 2, 719-29	18.1	250
340	Canagliflozin Slows Progression of Renal Function Decline Independently of Glycemic Effects. Journal of the American Society of Nephrology: JASN, <b>2017</b> , 28, 368-375	12.7	220

339	An acute fall in estimated glomerular filtration rate during treatment with losartan predicts a slower decrease in long-term renal function. <i>Kidney International</i> , <b>2011</b> , 80, 282-7	9.9	217
338	Atrasentan and renal events in patients with type 2 diabetes and chronic kidney disease (SONAR): a double-blind, randomised, placebo-controlled trial. <i>Lancet, The</i> , <b>2019</b> , 393, 1937-1947	40	209
337	Intensive glucose control improves kidney outcomes in patients with type 2 diabetes. <i>Kidney International</i> , <b>2013</b> , 83, 517-23	9.9	209
336	Moderate dietary sodium restriction added to angiotensin converting enzyme inhibition compared with dual blockade in lowering proteinuria and blood pressure: randomised controlled trial. <i>BMJ</i> , <i>The</i> , <b>2011</b> , 343, d4366	5.9	189
335	Albuminuria assessed from first-morning-void urine samples versus 24-hour urine collections as a predictor of cardiovascular morbidity and mortality. <i>American Journal of Epidemiology</i> , <b>2008</b> , 168, 897-96	93 <sup>8</sup>	184
334	The effect of CCR2 inhibitor CCX140-B on residual albuminuria in patients with type 2 diabetes and nephropathy: a randomised trial. <i>Lancet Diabetes and Endocrinology,the</i> , <b>2015</b> , 3, 687-96	18.1	173
333	First morning voids are more reliable than spot urine samples to assess microalbuminuria. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2009</b> , 20, 436-43	12.7	172
332	The endothelin antagonist atrasentan lowers residual albuminuria in patients with type 2 diabetic nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2014</b> , 25, 1083-93	12.7	168
331	Renoprotective effects of sodium-glucose cotransporter-2 inhibitors. <i>Kidney International</i> , <b>2018</b> , 94, 26-	<b>39</b> 9	160
330	Moderation of dietary sodium potentiates the renal and cardiovascular protective effects of angiotensin receptor blockers. <i>Kidney International</i> , <b>2012</b> , 82, 330-7	9.9	159
329	Drug-Induced Reduction in Albuminuria Is Associated with Subsequent Renoprotection: A Meta-Analysis. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2015</b> , 26, 2055-64	12.7	158
328	The Canagliflozin and Renal Endpoints in Diabetes with Established Nephropathy Clinical Evaluation (CREDENCE) Study Rationale, Design, and Baseline Characteristics. <i>American Journal of Nephrology</i> , <b>2017</b> , 46, 462-472	4.6	149
327	A Meta-analysis of the Association of Estimated GFR, Albuminuria, Diabetes Mellitus, and Hypertension With Acute Kidney Injury. <i>American Journal of Kidney Diseases</i> , <b>2015</b> , 66, 602-12	7.4	146
326	Canagliflozin reduces inflammation and fibrosis biomarkers: a potential mechanism of action for beneficial effects of SGLT2 inhibitors in diabetic kidney disease. <i>Diabetologia</i> , <b>2019</b> , 62, 1154-1166	10.3	144
325	Canagliflozin and Cardiovascular and Renal Outcomes in Type 2 Diabetes Mellitus and Chronic Kidney Disease in Primary and Secondary Cardiovascular Prevention Groups. <i>Circulation</i> , <b>2019</b> , 140, 739-	<del>1</del> 507	140
324	Relative incidence of ESRD versus cardiovascular mortality in proteinuric type 2 diabetes and nephropathy: results from the DIAMETRIC (Diabetes Mellitus Treatment for Renal Insufficiency Consortium) database. <i>American Journal of Kidney Diseases</i> , <b>2012</b> , 59, 75-83	7.4	139
323	Effect of a reduction in uric acid on renal outcomes during losartan treatment: a post hoc analysis of the reduction of endpoints in non-insulin-dependent diabetes mellitus with the Angiotensin II Antagonist Losartan Trial. <i>Hypertension</i> , <b>2011</b> , 58, 2-7	8.5	129
322	Change in Albuminuria and GFR as End Points for Clinical Trials in Early Stages of CKD: A Scientific Workshop Sponsored by the National Kidney Foundation in Collaboration With the US Food and Drug Administration and European Medicines Agency. <i>American Journal of Kidney Diseases</i> , <b>2020</b> ,	7.4	124

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321	Lixisenatide and renal outcomes in patients with type 2 diabetes and acute coronary syndrome: an exploratory analysis of the ELIXA randomised, placebo-controlled trial. <i>Lancet Diabetes and Endocrinology,the</i> , <b>2018</b> , 6, 859-869	18.1	122
320	Change in albuminuria as a surrogate endpoint for progression of kidney disease: a meta-analysis of treatment effects in randomised clinical trials. <i>Lancet Diabetes and Endocrinology, the</i> , <b>2019</b> , 7, 128-139	18.1	119
319	Serum potassium and adverse outcomes across the range of kidney function: a CKD Prognosis Consortium meta-analysis. <i>European Heart Journal</i> , <b>2018</b> , 39, 1535-1542	9.5	118
318	Sulodexide fails to demonstrate renoprotection in overt type 2 diabetic nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2012</b> , 23, 123-30	12.7	116
317	Effect of SGLT2 inhibitors on cardiovascular, renal and safety outcomes in patients with type 2 diabetes mellitus and chronic kidney disease: A systematic review and meta-analysis. <i>Diabetes, Obesity and Metabolism</i> , <b>2019</b> , 21, 1237-1250	6.7	114
316	Comparison of different measures of urinary protein excretion for prediction of renal events. Journal of the American Society of Nephrology: JASN, 2010, 21, 1355-60	12.7	114
315	Change in albuminuria and subsequent risk of end-stage kidney disease: an individual participant-level consortium meta-analysis of observational studies. <i>Lancet Diabetes and Endocrinology,the</i> , <b>2019</b> , 7, 115-127	18.1	114
314	Effects of the SGLT-2 inhibitor dapagliflozin on glomerular and tubular injury markers. <i>Diabetes, Obesity and Metabolism,</i> <b>2018</b> , 20, 1988-1993	6.7	111
313	Randomized, double-blind, placebo-controlled, multicentre pilot study on the effects of empagliflozin on clinical outcomes in patients with acute decompensated heart failure (EMPA-RESPONSE-AHF). <i>European Journal of Heart Failure</i> , <b>2020</b> , 22, 713-722	12.3	110
312	Kidney outcomes associated with use of SGLT2 inhibitors in real-world clinical practice (CVD-REAL 3): a multinational observational cohort study. <i>Lancet Diabetes and Endocrinology,the</i> , <b>2020</b> , 8, 27-35	18.1	109
311	Rationale and protocol of the Dapagliflozin And Prevention of Adverse outcomes in Chronic Kidney Disease (DAPA-CKD) randomized controlled trial. <i>Nephrology Dialysis Transplantation</i> , <b>2020</b> , 35, 274-282	<u>4</u> .3	105
310	Bardoxolone Methyl Improves Kidney Function in Patients with Chronic Kidney Disease Stage 4 and Type 2 Diabetes: Post-Hoc Analyses from Bardoxolone Methyl Evaluation in Patients with Chronic Kidney Disease and Type 2 Diabetes Study. <i>American Journal of Nephrology</i> , <b>2018</b> , 47, 40-47	4.6	101
309	The effect of RAAS blockade on the progression of diabetic nephropathy. <i>Nature Reviews Nephrology</i> , <b>2014</b> , 10, 77-87	14.9	100
308	Albuminuria and blood pressure, independent targets for cardioprotective therapy in patients with diabetes and nephropathy: a post hoc analysis of the combined RENAAL and IDNT trials. <i>European Heart Journal</i> , <b>2011</b> , 32, 1493-9	9.5	99
307	A Meta-analysis of the Association of Estimated GFR, Albuminuria, Age, Race, and Sex With Acute Kidney Injury. <i>American Journal of Kidney Diseases</i> , <b>2015</b> , 66, 591-601	7.4	97
306	Urine and plasma metabolites predict the development of diabetic nephropathy in individuals with Type 2 diabetes mellitus. <i>Diabetic Medicine</i> , <b>2014</b> , 31, 1138-47	3.5	94
305	Effects of dapagliflozin on major adverse kidney and cardiovascular events in patients with diabetic and non-diabetic chronic kidney disease: a prespecified analysis from the DAPA-CKD trial. <i>Lancet Diabetes and Endocrinology,the</i> , <b>2021</b> , 9, 22-31	18.1	91
304	Differential Effects of Dapagliflozin on Cardiovascular Risk Factors at Varying Degrees of Renal Function. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2017</b> , 12, 751-759	6.9	89

303	Sulodexide for kidney protection in type 2 diabetes patients with microalbuminuria: a randomized controlled trial. <i>American Journal of Kidney Diseases</i> , <b>2011</b> , 58, 729-36	7.4	89
302	Renal effects of atorvastatin and rosuvastatin in patients with diabetes who have progressive renal disease (PLANET I): a randomised clinical trial. <i>Lancet Diabetes and Endocrinology,the</i> , <b>2015</b> , 3, 181-90	18.1	87
301	Albuminuria Is an Appropriate Therapeutic Target in Patients with CKD: The Pro View. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2015</b> , 10, 1079-88	6.9	86
300	GFR decline as an alternative end point to kidney failure in clinical trials: a meta-analysis of treatment effects from 37 randomized trials. <i>American Journal of Kidney Diseases</i> , <b>2014</b> , 64, 848-59	7.4	83
299	Albuminuria-lowering effect of dapagliflozin alone and in combination with saxagliptin and effect of dapagliflozin and saxagliptin on glycaemic control in patients with type 2 diabetes and chronic kidney disease (DELIGHT): a randomised, double-blind, placebo-controlled trial. <i>Lancet Diabetes and</i>	18.1	81
298	Endocrinology, the, <b>2019</b> , 7, 429-441 Empagliflozin and Kidney Function Decline in Patients with Type 2 Diabetes: A Slope Analysis from the EMPA-REG OUTCOME Trial. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2018</b> , 29, 2755-27	69 <sup>2.7</sup>	81
297	GFR decline and subsequent risk of established kidney outcomes: a meta-analysis of 37 randomized controlled trials. <i>American Journal of Kidney Diseases</i> , <b>2014</b> , 64, 860-6	7.4	78
296	Short-term vitamin D3 supplementation lowers plasma renin activity in patients with stable chronic heart failure: an open-label, blinded end point, randomized prospective trial (VitD-CHF trial). <i>American Heart Journal</i> , <b>2013</b> , 166, 357-364.e2	4.9	77
295	Early detection of diabetic kidney disease by urinary proteomics and subsequent intervention with spironolactone to delay progression (PRIORITY): a prospective observational study and embedded randomised placebo-controlled trial. <i>Lancet Diabetes and Endocrinology,the</i> , <b>2020</b> , 8, 301-312	18.1	75
294	Effects of a fixed combination of perindopril and indapamide in patients with type 2 diabetes and chronic kidney disease. <i>European Heart Journal</i> , <b>2010</b> , 31, 2888-96	9.5	73
293	Efficacy of Dapagliflozin on Renal Function and Outcomes in Patients With Heart Failure With Reduced Ejection Fraction: Results of DAPA-HF. <i>Circulation</i> , <b>2021</b> , 143, 298-309	16.7	69
292	GFR Slope as a Surrogate End Point for Kidney Disease Progression in Clinical Trials: A Meta-Analysis of Treatment Effects of Randomized Controlled Trials. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2019</b> , 30, 1735-1745	12.7	68
291	Measures of chronic kidney disease and risk of incident peripheral artery disease: a collaborative meta-analysis of individual participant data. <i>Lancet Diabetes and Endocrinology,the</i> , <b>2017</b> , 5, 718-728	18.1	68
<b>2</b> 90	Rationale and trial design of Bardoxolone Methyl Evaluation in Patients with Chronic Kidney Disease and Type 2 Diabetes: the Occurrence of Renal Events (BEACON). <i>American Journal of Nephrology</i> , <b>2013</b> , 37, 212-22	4.6	67
289	High-sensitive troponin T and N-terminal pro-B type natriuretic peptide are associated with cardiovascular events despite the cross-sectional association with albuminuria and glomerular filtration rate. <i>European Heart Journal</i> , <b>2012</b> , 33, 2272-81	9.5	66
288	Executive summary of the 2020 KDIGO Diabetes Management in CKD Guideline: evidence-based advances in monitoring and treatment. <i>Kidney International</i> , <b>2020</b> , 98, 839-848	9.9	65
287	Increased serum potassium affects renal outcomes: a post hoc analysis of the Reduction of Endpoints in NIDDM with the Angiotensin II Antagonist Losartan (RENAAL) trial. <i>Diabetologia</i> , <b>2011</b> , 54, 44-50	10.3	65
286	The albuminuria-lowering response to dapagliflozin is variable and reproducible among individual patients. <i>Diabetes, Obesity and Metabolism</i> , <b>2017</b> , 19, 1363-1370	6.7	64

285	Effects of the SGLT2 inhibitor dapagliflozin on proteinuria in non-diabetic patients with chronic kidney disease (DIAMOND): a randomised, double-blind, crossover trial. <i>Lancet Diabetes and Endocrinology,the</i> , <b>2020</b> , 8, 582-593	18.1	64
284	Pleiotropic effects of type 2 diabetes management strategies on renal risk factors. <i>Lancet Diabetes and Endocrinology,the</i> , <b>2015</b> , 3, 367-81	18.1	63
283	Evaluating the Effects of Canagliflozin on Cardiovascular and Renal Events in Patients With Type 2 Diabetes Mellitus and Chronic Kidney Disease According to Baseline HbA1c, Including Those With HbA1c. <i>Circulation</i> , <b>2020</b> , 141, 407-410	16.7	62
282	Sodium excretion and risk of developing coronary heart disease. <i>Circulation</i> , <b>2014</b> , 129, 1121-8	16.7	60
281	Intensities of renal replacement therapy in acute kidney injury: a systematic review and meta-analysis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2010</b> , 5, 956-63	6.9	60
<b>2</b> 80	The kidney in type 2 diabetes therapy. <i>Review of Diabetic Studies</i> , <b>2011</b> , 8, 392-402	3.6	58
279	Effect of Canagliflozin on Renal and Cardiovascular Outcomes across Different Levels of Albuminuria: Data from the CANVAS Program. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2019</b> , 30, 2229-2242	12.7	57
278	Update on microalbuminuria as a biomarker in renal and cardiovascular disease. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2006</b> , 15, 631-6	3.5	56
277	Early Proteinuria Lowering by Angiotensin-Converting Enzyme Inhibition Predicts Renal Survival in Children with CKD. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2018</b> , 29, 2225-2233	12.7	55
276	Prediction of Chronic Kidney Disease Stage 3 by CKD273, a Urinary Proteomic Biomarker. <i>Kidney International Reports</i> , <b>2017</b> , 2, 1066-1075	4.1	55
275	Visit-to-visit variability in blood pressure and kidney and cardiovascular outcomes in patients with type 2 diabetes and nephropathy: a post hoc analysis from the RENAAL study and the Irbesartan Diabetic Nephropathy Trial. <i>American Journal of Kidney Diseases</i> , <b>2014</b> , 64, 714-22	7.4	54
274	The dapagliflozin and prevention of adverse outcomes in chronic kidney disease (DAPA-CKD) trial: baseline characteristics. <i>Nephrology Dialysis Transplantation</i> , <b>2020</b> , 35, 1700-1711	4.3	52
273	Renal, Cardiovascular, and Safety Outcomes of Canagliflozin by Baseline Kidney Function: A Secondary Analysis of the CREDENCE Randomized Trial. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2020</b> , 31, 1128-1139	12.7	51
272	Effects of sulodexide in patients with type 2 diabetes and persistent albuminuria. <i>Nephrology Dialysis Transplantation</i> , <b>2008</b> , 23, 1946-54	4.3	51
271	Rationale and protocol of the Study Of diabetic Nephropathy with AtRasentan (SONAR) trial: A clinical trial design novel to diabetic nephropathy. <i>Diabetes, Obesity and Metabolism</i> , <b>2018</b> , 20, 1369-13	76 <sup>.7</sup>	49
270	Microalbuminuria: target for renoprotective therapy PRO. <i>Kidney International</i> , <b>2014</b> , 86, 40-9	9.9	48
269	initial angiotensin receptor blockade-induced decrease in albuminuria is associated with long-term renal outcome in type 2 diabetic patients with microalbuminuria: a post hoc analysis of the IRMA-2 trial. <i>Diabetes Care</i> , <b>2011</b> , 34, 2078-83	14.6	48
268	A panel of novel biomarkers representing different disease pathways improves prediction of renal function decline in type 2 diabetes. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120995	3.7	47

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267	Urinary proteomics predict onset of microalbuminuria in normoalbuminuric type 2 diabetic patients, a sub-study of the DIRECT-Protect 2 study. <i>Nephrology Dialysis Transplantation</i> , <b>2017</b> , 32, 1866-4	873	47
266	Effects of the sodium-glucose co-transporter 2 inhibitor dapagliflozin in patients with type 2 diabetes and Stages 3b-4 chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , <b>2018</b> , 33, 2005-2011	3	46
265	Early renin-angiotensin system intervention is more beneficial than late intervention in delaying end-stage renal disease in patients with type 2 diabetes. <i>Diabetes, Obesity and Metabolism,</i> <b>2016</b> , 6. 18, 64-71	7	46
264	Mediators of the Effects of Canagliflozin on Heart Failure in Patients With Type 2 Diabetes. <i>JACC:</i> Heart Failure, <b>2020</b> , 8, 57-66	9	44
263	Is a reduction in albuminuria associated with renal and cardiovascular protection? A post hoc analysis of the ALTITUDE trial. <i>Diabetes, Obesity and Metabolism,</i> <b>2016</b> , 18, 169-77	7	44
262	New pharmacological strategies for protecting kidney function in type 2 diabetes. <i>Lancet Diabetes and Endocrinology,the</i> , <b>2019</b> , 7, 397-412	8.1	44
261	Bilirubin and progression of nephropathy in type 2 diabetes: a post hoc analysis of RENAAL with independent replication in IDNT. <i>Diabetes</i> , <b>2014</b> , 63, 2845-53	.9	43
260	Effects of the sodium-glucose co-transporter-2 inhibitor dapagliflozin on estimated plasma volume in patients with type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , <b>2019</b> , 21, 2667-2673	7	42
259	Effects of Dapagliflozin on Circulating Markers of Phosphate Homeostasis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2019</b> , 14, 66-73	9	42
258	Estimated GFR decline as a surrogate end point for kidney failure: a post hoc analysis from the Reduction of End Points in Non-Insulin-Dependent Diabetes With the Angiotensin II Antagonist  Losartan (RENAAL) study and Irbesartan Diabetic Nephropathy Trial (IDNT). American Journal of	4	41
257	Improving the efficacy of RAAS blockade in patients with chronic kidney disease. <i>Nature Reviews Nephrology</i> , <b>2013</b> , 9, 112-21	4.9	40
256	Conversion of Urine Protein-Creatinine Ratio or Urine Dipstick Protein to Urine Albumin-Creatinine Ratio for Use in Chronic Kidney Disease Screening and Prognosis : An Individual Participant-Based 8 Meta-analysis. <i>Annals of Internal Medicine</i> , <b>2020</b> , 173, 426-435		39
255	Longitudinal Estimated GFR Trajectories in Patients With and Without Type 2 Diabetes and Nephropathy. <i>American Journal of Kidney Diseases</i> , <b>2018</b> , 71, 91-101	4	38
254	Effects of Dapagliflozin on Volume Status When Added to Renin-Angiotensin System Inhibitors.  Journal of Clinical Medicine, <b>2019</b> , 8,	1	37
253	New Diabetes Therapies and Diabetic Kidney Disease Progression: the Role of SGLT-2 Inhibitors.  Current Diabetes Reports, <b>2018</b> , 18, 27	6	36
252	Effect of Dapagliflozin on Clinical Outcomes in Patients With Chronic Kidney Disease, With and Without Cardiovascular Disease. <i>Circulation</i> , <b>2021</b> , 143, 438-448	5.7	36
251	SGLT2 inhibitors and GLP-1 receptor agonists: established and emerging indications. <i>Lancet, The</i> , <b>2021</b> , 398, 262-276	0	35
250	A pre-specified analysis of the DAPA-CKD trial demonstrates the effects of dapagliflozin on major adverse kidney events in patients with IgA nephropathy. <i>Kidney International</i> , <b>2021</b> , 100, 215-224	.9	35

249	Assessing the Validity of Surrogate Outcomes for ESRD: A Meta-Analysis. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2015</b> , 26, 2289-302	12.7	34
248	Effects of canagliflozin on anaemia in patients with type 2 diabetes and chronic kidney disease: a post-hoc analysis from the CREDENCE trial. <i>Lancet Diabetes and Endocrinology,the</i> , <b>2020</b> , 8, 903-914	18.1	34
247	Systems Biology-Derived Biomarkers to Predict Progression of Renal Function Decline in Type 2 Diabetes. <i>Diabetes Care</i> , <b>2017</b> , 40, 391-397	14.6	33
246	Composite renal endpoints: was ACCOMPLISH accomplished?. <i>Lancet, The</i> , <b>2010</b> , 375, 1140-2	40	33
245	Monitoring kidney function and albuminuria in patients with diabetes. <i>Diabetes Care</i> , <b>2011</b> , 34 Suppl 2, S325-9	14.6	33
244	Unmet need in diabetic nephropathy: failed drugs or trials?. <i>Lancet Diabetes and Endocrinology,the</i> , <b>2016</b> , 4, 638-640	18.1	33
243	Characterization and implications of the initial estimated glomerular filtration rate 'dip' upon sodium-glucose cotransporter-2 inhibition with empagliflozin in the EMPA-REG OUTCOME trial. <i>Kidney International</i> , <b>2021</b> , 99, 750-762	9.9	33
242	The renal protective effect of angiotensin receptor blockers depends on intra-individual response variation in multiple risk markers. <i>British Journal of Clinical Pharmacology</i> , <b>2015</b> , 80, 678-86	3.8	32
241	Novel drugs and intervention strategies for the treatment of chronic kidney disease. <i>British Journal of Clinical Pharmacology</i> , <b>2013</b> , 76, 536-50	3.8	32
240	Utility of the CKD273 peptide classifier in predicting chronic kidney disease progression. <i>Nephrology Dialysis Transplantation</i> , <b>2016</b> , 31, 249-54	4.3	31
239	Renal outcomes with aliskiren in patients with type 2 diabetes: a prespecified secondary analysis of the ALTITUDE randomised controlled trial. <i>Lancet Diabetes and Endocrinology,the</i> , <b>2016</b> , 4, 309-17	18.1	31
238	Performance of GFR Slope as a Surrogate End Point for Kidney Disease Progression in Clinical Trials: A Statistical Simulation. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2019</b> , 30, 1756-1769	12.7	31
237	Debate: PRO position. Should microalbuminuria ever be considered as a renal endpoint in any clinical trial?. <i>American Journal of Nephrology</i> , <b>2010</b> , 31, 458-61; discussion 468	4.6	31
236	Serum Bicarbonate and Kidney Disease Progression and Cardiovascular Outcome in Patients With Diabetic Nephropathy: A Post Hoc Analysis of the RENAAL (Reduction of End Points in Non-Insulin-Dependent Diabetes With the Angiotensin II Antagonist Losartan) Study and IDNT	7.4	30
235	Early Change in Albuminuria with Canagliflozin Predicts Kidney and Cardiovascular Outcomes: A Analysis from the CREDENCE Trial. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2020</b> , 31, 2925-	2 <del>53</del> 7	30
234	Effects of Canagliflozin in Patients with Baseline eGFR . <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2020</b> , 15, 1705-1714	6.9	30
233	Prognostic clinical and molecular biomarkers of renal disease in type 2 diabetes. <i>Nephrology Dialysis Transplantation</i> , <b>2015</b> , 30 Suppl 4, iv86-95	4.3	29
232	The New Biology of Diabetic Kidney Disease-Mechanisms and Therapeutic Implications. <i>Endocrine Reviews</i> , <b>2020</b> , 41,	27.2	29

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229	Effects of Vitamin D Receptor Activation and Dietary Sodium Restriction on Residual Albuminuria in CKD: The ViRTUE-CKD Trial. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2017</b> , 28, 1296-1305	12.7	28
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225	Effect of linagliptin on pulse wave velocity in early type 2 diabetes: A randomized, double-blind, controlled 26-week trial (RELEASE). <i>Diabetes, Obesity and Metabolism</i> , <b>2017</b> , 19, 1147-1154	6.7	26
224	Mediators of the effects of canagliflozin on kidney protection in patients with type 2 diabetes. <i>Kidney International</i> , <b>2020</b> , 98, 769-777	9.9	26
223	Prediction of the effect of atrasentan on renal and heart failure outcomes based on short-term changes in multiple risk markers. <i>European Journal of Preventive Cardiology</i> , <b>2016</b> , 23, 758-68	3.9	26
222	The geographical distribution of leadership in globalized clinical trials. <i>PLoS ONE</i> , <b>2012</b> , 7, e45984	3.7	26
221	Creatinine excretion rate and mortality in type 2 diabetes and nephropathy. <i>Diabetes Care</i> , <b>2013</b> , 36, 1489-94	14.6	26
220	Natriuretic Effect of Two Weeks of Dapagliflozin Treatment in Patients With Type 2 Diabetes and Preserved Kidney Function During Standardized Sodium Intake: Results of the DAPASALT Trial. <i>Diabetes Care</i> , <b>2021</b> , 44, 440-447	14.6	26
219	Effects of exenatide and open-label SGLT2 inhibitor treatment, given in parallel or sequentially, on mortality and cardiovascular and renal outcomes in type 2 diabetes: insights from the EXSCEL trial. <i>Cardiovascular Diabetology</i> , <b>2019</b> , 18, 138	8.7	25
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214	A kidney perspective on the mechanism of action of sodium glucose co-transporter 2 inhibitors. <i>Cell Metabolism</i> , <b>2021</b> , 33, 732-739	24.6	25

213	Diabetes Management in Chronic Kidney Disease: Synopsis of the 2020 KDIGO Clinical Practice Guideline. <i>Annals of Internal Medicine</i> , <b>2021</b> , 174, 385-394	8	25
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210	High urinary sulfate concentration is associated with reduced risk of renal disease progression in type 2 diabetes. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2016</b> , 55-56, 18-24	5	23
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208	Predicting albuminuria response to spironolactone treatment with urinary proteomics in patients with type 2 diabetes and hypertension. <i>Nephrology Dialysis Transplantation</i> , <b>2018</b> , 33, 296-303	4.3	22
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203	Effects of canagliflozin on serum potassium in people with diabetes and chronic kidney disease: the CREDENCE trial. <i>European Heart Journal</i> , <b>2021</b> ,	9.5	22
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200	The blood pressure lowering potential of sulodexidea systematic review and meta-analysis. <i>British Journal of Clinical Pharmacology</i> , <b>2015</b> , 80, 1245-53	3.8	21
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192	Predictors of congestive heart failure after treatment with an endothelin receptor antagonist. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2014</b> , 9, 490-8	6.9	19
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181	A metabolomics-based molecular pathway analysis of how the sodium-glucose co-transporter-2 inhibitor dapagliflozin may slow kidney function decline in patients with diabetes. <i>Diabetes, Obesity and Metabolism</i> , <b>2020</b> , 22, 1157-1166	6.7	17
180	A novel approach for establishing cardiovascular drug efficacy. <i>Nature Reviews Drug Discovery</i> , <b>2014</b> , 13, 942	64.1	17
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173	Alkalinization of urine samples preserves albumin concentrations during prolonged frozen storage in patients with diabetes mellitus. <i>Diabetic Medicine</i> , <b>2009</b> , 26, 556-9	3.5	15
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165	Visceral adipose tissue volume is associated with premature atherosclerosis in early type 2 diabetes mellitus independent of traditional risk factors. <i>Atherosclerosis</i> , <b>2019</b> , 290, 87-93	3.1	14
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161	Serum metabolites predict response to angiotensin II receptor blockers in patients with diabetes mellitus. <i>Journal of Translational Medicine</i> , <b>2016</b> , 14, 203	8.5	13
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109	Determining the Optimal Protocol for Measuring an Albuminuria Class Transition in Clinical Trials in Diabetic Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2016</b> , 27, 3405-3412	12.7	7
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107	Individual variability in response to renin angiotensin aldosterone system inhibition predicts cardiovascular outcome in patients with type 2 diabetes: A primary care cohort study. <i>Diabetes, Obesity and Metabolism,</i> <b>2018</b> , 20, 1377-1383	6.7	6
106	Trial Design Innovations to Accelerate Therapeutic Advances in Chronic Kidney Disease: Moving from Single Trials to an Ongoing Platform. <i>Clinical Journal of the American Society of Nephrology:</i>	6.9	6

105	Longitudinal Assessment of the Effect of Atrasentan on Thoracic Bioimpedance in Diabetic Nephropathy: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Drugs in R and D</i> , <b>2017</b> , 17, 441-4.	48 <sup>3.4</sup>	6
104	SGLT2 inhibition: a new era in renoprotective medicine?. <i>Lancet Diabetes and Endocrinology,the</i> , <b>2017</b> , 5, 569-571	18.1	6
103	Inter-individual variability in atrasentan exposure partly explains variability in kidney protection and fluid retention responses: A post hoc analysis of the SONAR trial. <i>Diabetes, Obesity and Metabolism</i> , <b>2021</b> , 23, 561-568	6.7	6
102	Precision medicine in diabetes and diabetic kidney disease: Regulatory considerations. <i>Diabetes, Obesity and Metabolism</i> , <b>2018</b> , 20 Suppl 3, 19-23	6.7	6
101	Baseline urinary metabolites predict albuminuria response to spironolactone in type 2 diabetes. Translational Research, <b>2020</b> , 222, 17-27	11	5
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99	Different eGFR Decline Thresholds and Renal Effects of Canagliflozin: Data from the CANVAS Program. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2020</b> , 31, 2446-2456	12.7	5
98	Sodium glucose co-transporter 2 inhibition: a new avenue to protect the kidney. <i>Nephrology Dialysis Transplantation</i> , <b>2019</b> , 34, 2015-2017	4.3	5
97	Change in albuminuria as a surrogate endpoint. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2019</b> , 28, 519-526	3.5	5
96	Dietary Sodium Reduction Reduces Albuminuria: A Cluster Randomized Trial. <i>Journal of Renal Nutrition</i> , <b>2019</b> , 29, 276-284	3	5
95	Treating diabetic complications; from large randomized clinical trials to precision medicine. <i>Diabetes, Obesity and Metabolism,</i> <b>2018</b> , 20 Suppl 3, 3-5	6.7	5
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93	Prognostic imaging biomarkers for diabetic kidney disease (iBEAt): study protocol. <i>BMC Nephrology</i> , <b>2020</b> , 21, 242	2.7	4
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91	Is the randomized controlled drug trial in Europe lagging behind the USA?. <i>British Journal of Clinical Pharmacology</i> , <b>2008</b> , 66, 774-80	3.8	4
90	Kidney and heart failure outcomes associated with SGLT2 inhibitor use <i>Nature Reviews Nephrology</i> , <b>2022</b> ,	14.9	4
89	Plasma C-Peptide and Risk of Developing Type 2 Diabetes in the General Population. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	4
88	Renal outcomes and all-cause death associated with sodium-glucose co-transporter-2 inhibitors versus other glucose-lowering drugs (CVD-REAL 3 Korea). <i>Diabetes, Obesity and Metabolism</i> , <b>2021</b> , 23, 455-466	6.7	4

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87	Personalized medicine in diabetic kidney disease: a novel approach to improve trial design and patient outcomes. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2018</b> , 27, 426-432	3.5	4
86	Triglyceride-rich lipoprotein and LDL particle subfractions and their association with incident type 2 diabetes: the PREVEND study. <i>Cardiovascular Diabetology</i> , <b>2021</b> , 20, 156	8.7	4
85	Kidney Outcomes Associated With SGLT2 Inhibitors Versus Other Glucose-Lowering Drugs in Real-world Clinical Practice: The Japan Chronic Kidney Disease Database. <i>Diabetes Care</i> , <b>2021</b> , 44, 2542-	2 <sup>1</sup> 5456	4
84	No significant association of type 2 diabetes-related genetic risk scores with glycated haemoglobin levels after initiating metformin or sulphonylurea derivatives. <i>Diabetes, Obesity and Metabolism</i> , <b>2019</b> , 21, 2267-2273	6.7	3
83	Angiogenic T cells are decreased in people with type 2 diabetes mellitus and recruited by the dipeptidyl peptidase-4 inhibitor Linagliptin: A subanalysis from a randomized, placebo-controlled trial (RELEASE study). <i>Diabetes, Obesity and Metabolism</i> , <b>2020</b> , 22, 1220-1225	6.7	3
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81	Surrogate endpoints in clinical trials of chronic kidney disease progression: moving from single to multiple risk marker response scores. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2015</b> , 24, 492-7	3.5	3
80	High serum potassium levels after losartan can reflect more severe renal disease. Reply to Gon levels AR, El Nahas AM [letter]. <i>Diabetologia</i> , <b>2011</b> , 54, 2965-2967	10.3	3
79	Dapagliflozin and new-onset type 2 diabetes in patients with chronic kidney disease or heart failure: pooled analysis of the DAPA-CKD and DAPA-HF trials. <i>Lancet Diabetes and Endocrinology,the</i> , 2021,	18.1	3
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77	Intra-individual variability of eGFR trajectories in early diabetic kidney disease and lack of performance of prognostic biomarkers. <i>Scientific Reports</i> , <b>2020</b> , 10, 19743	4.9	3
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73	Renal haemodynamic response to sodium-glucose cotransporter-2 inhibition does not depend on protein intake: An analysis of three randomized controlled trials. <i>Diabetes, Obesity and Metabolism</i> , <b>2021</b> , 23, 1961-1967	6.7	3
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71	Proteinuria and cholesterol reduction are independently associated with less renal function decline in statin-treated patients; a post hoc analysis of the PLANET trials. <i>Nephrology Dialysis Transplantation</i> , <b>2019</b> , 34, 1699-1706	4.3	3
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68	Comparison of exposure response relationship of atrasentan between North American and Asian populations. <i>Diabetes, Obesity and Metabolism</i> , <b>2017</b> , 19, 545-552	6.7	2
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46	Atrasentan in patients with diabetes and chronic kidney disease - Authors' reply. <i>Lancet, The</i> , <b>2020</b> , 395, 270	40	1
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30	SGLT2 inhibitors: expanding their Empire beyond diabetes. <i>Lancet Diabetes and Endocrinology,the</i> , <b>2021</b> , 9, 59-61	18.1	1
29	Rationale, design, demographics, and baseline characteristics of the randomised, controlled, phase 2b SAPPHIRE study of verinurad plus allopurinol in patients with chronic kidney disease and hyperuricaemia. <i>Nephrology Dialysis Transplantation</i> , <b>2021</b> ,	4.3	1
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27	Report from the CVOT Summit 2021: new cardiovascular, renal, and glycemic outcomes <i>Cardiovascular Diabetology</i> , <b>2022</b> , 21, 50	8.7	1
26	Effect of dapagliflozin on kidney and cardiovascular outcomes by baseline KDIGO risk categories: a post hoc analysis of the DAPA-CKD trial <i>Diabetologia</i> , <b>2022</b> , 1	10.3	1
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19	UHPLC-MS/MS method for iohexol determination in human EDTA and lithium-heparin plasma, human urine and in goat-´and pig EDTA plasma. <i>Bioanalysis</i> , <b>2020</b> , 12, 981-990	2.1	0
18	Individual Atrasentan Exposure is Associated With Long-term Kidney and Heart Failure Outcomes in Patients With Type 2 Diabetes and Chronic Kidney Disease. <i>Clinical Pharmacology and Therapeutics</i> , <b>2021</b> , 109, 1631-1638	6.1	O
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16	Large Between-Patient Variability in eGFR Decline before Clinical Trial Enrollment and Impact on Atrasentan's Efficacy: A Analysis from the SONAR Trial. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2021</b> , 32, 2731-2734	12.7	O

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15	The Adaptive Renal Response for Volume Homeostasis During 2 Weeks of Dapagliflozin Treatment in People With Type 2 Diabetes and Preserved Renal Function on a Sodium-Controlled Diet <i>Kidney International Reports</i> , <b>2022</b> , 7, 1084-1092	4.1	O
14	Treating Early-Stage CKD With New Medication Therapies: Results of a CKD Patient Survey Informing the 2020 NKF-FDA Scientific Workshop on Clinical Trial Considerations for Developing Treatments for Early Stages of Common, Chronic Kidney Diseases <i>Kidney Medicine</i> , <b>2022</b> , 4, 100442	2.8	O
13	Prediction of the Effects of Liraglutide on Kidney and Cardiovascular Outcomes Based on Short-Term Changes in Multiple Risk Markers <i>Frontiers in Pharmacology</i> , <b>2022</b> , 13, 786767	5.6	О
12	Reply: Mediators of the Effects of Canagliflozin on Heart Failure: Central Role of the Cardiorenal Axis. <i>JACC: Heart Failure</i> , <b>2020</b> , 8, 427	7.9	
11	Epidemiological Applications in -Omics Approaches <b>2018</b> , 207-214		
10	FP272A PANEL OF NOVEL BIOMARKERS REPRESENTING DIFFERENT DISEASE PATHWAYS IMPROVES PREDICTION OF RENAL FUNCTION DECLINE IN TYPE 2 DIABETES. <i>Nephrology Dialysis Transplantation</i> , <b>2015</b> , 30, iii158-iii158	4.3	
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7	PS12 Contd - 62. Prescribing of aliskiren in practice: findings from the GIANTT diabetes. <i>Nederlands Tijdschrift Voor Diabetologie</i> , <b>2012</b> , 10, 142-143	О	
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5	Diseases of Renal Microcirculation: Diabetic Nephropathy <b>2015</b> , 3739-3768		
4	Increased Levels of Urinary Albumin: A Cardiovascular Risk Factor and a Target for Treatment <b>2010</b> , 10	5-116	
3	Pathophysiology of Proteinuria: Albuminuria as a Target for Treatment <b>2020</b> , 211-224		
2	A Review of the Dose Justification of Phase 3 Trials to Regulatory Authorities for Drugs Intended for the Treatment of Type 2 Diabetes in Europe. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 626766	5.6	
1	Dose-Exposure-Response Analysis of the Nonsteroidal Mineralocorticoid Receptor Antagonist Finerenone on UACR and eGFR: An Analysis from FIDELIO-DKD <i>Clinical Pharmacokinetics</i> , <b>2022</b> , 1	6.2	