

# Leila R Zelnick

## List of Publications by Year in descending order

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Version: 2024-02-01

79  
papers

3,066  
citations

331670

21  
h-index

175258

52  
g-index

81  
all docs

81  
docs citations

81  
times ranked

5888  
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Manifestations of Kidney Disease Among US Adults With Diabetes, 1988-2014. JAMA - Journal of the American Medical Association, 2016, 316, 602.	7.4	669
2	Detectable clonal mosaicism from birth to old age and its relationship to cancer. Nature Genetics, 2012, 44, 642-650.	21.4	511
3	Diabetes and CKD in the United States Population, 2009-2014. Clinical Journal of the American Society of Nephrology: CJASN, 2017, 12, 1984-1990.	4.5	117
4	Absolute Rates of Heart Failure, Coronary Heart Disease, and Stroke in Chronic Kidney Disease. JAMA Cardiology, 2017, 2, 314.	6.1	115
5	Identification of Acute Kidney Injury Subphenotypes with Differing Molecular Signatures and Responses to Vasopressin Therapy. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 863-872.	5.6	105
6	Metabolomics and Gene Expression Analysis Reveal Down-regulation of the Citric Acid (TCA) Cycle in Non-diabetic CKD Patients. EBioMedicine, 2017, 26, 68-77.	6.1	103
7	Association of the Estimated Glomerular Filtration Rate With vs Without a Coefficient for Race With Time to Eligibility for Kidney Transplant. JAMA Network Open, 2021, 4, e2034004.	5.9	85
8	Impaired Glucose and Insulin Homeostasis in Moderate-Severe CKD. Journal of the American Society of Nephrology: JASN, 2016, 27, 2861-2871.	6.1	83
9	eGFR and Albuminuria in Relation to Risk of Incident Atrial Fibrillation: A Meta-Analysis of the Jackson Heart Study, the Multi-Ethnic Study of Atherosclerosis, and the Cardiovascular Health Study. Clinical Journal of the American Society of Nephrology: CJASN, 2017, 12, 1386-1398.	4.5	81
10	Effect of Vitamin D and Omega-3 Fatty Acid Supplementation on Kidney Function in Patients With Type 2 Diabetes. JAMA - Journal of the American Medical Association, 2019, 322, 1899.	7.4	77
11	Association Between Early Recovery of Kidney Function After Acute Kidney Injury and Long-term Clinical Outcomes. JAMA Network Open, 2020, 3, e202682.	5.9	77
12	Serum Parathyroid Hormone and 25-Hydroxyvitamin D Concentrations and Risk of Incident Heart Failure: The Multi-Ethnic Study of Atherosclerosis. Journal of the American Heart Association, 2014, 3, e001278.	3.7	59
13	A Cluster of Proteins Implicated in Kidney Disease Is Increased in High-Density Lipoprotein Isolated from Hemodialysis Subjects. Journal of Proteome Research, 2015, 14, 2792-2806.	3.7	46
14	Association of Soluble TNFR-1 Concentrations with Long-Term Decline in Kidney Function: The Multi-Ethnic Study of Atherosclerosis. Journal of the American Society of Nephrology: JASN, 2018, 29, 2713-2721.	6.1	46
15	Prevalence of Hypertension and Cardiovascular Risk According to Blood Pressure Thresholds Used for Diagnosis. Hypertension, 2018, 72, 602-609.	2.7	46
16	Kidney Clearance of Secretory Solutes Is Associated with Progression of CKD: The CRIC Study. Journal of the American Society of Nephrology: JASN, 2020, 31, 817-827.	6.1	42
17	Bioelectrical Impedance Analysis Measures and Clinical Outcomes in CKD. American Journal of Kidney Diseases, 2018, 72, 662-672.	1.9	37
18	Continuous Glucose Monitoring and Use of Alternative Markers To Assess Glycemia in Chronic Kidney Disease. Diabetes Care, 2020, 43, 2379-2387.	8.6	35

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19	Associations of Vitamin D-Binding Globulin and Bioavailable Vitamin D Concentrations With Coronary Heart Disease Events: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 3075-3084.	3.6	30
20	Hypoglycemia in People with Type 2 Diabetes and CKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019, 14, 844-853.	4.5	28
21	Dietary Acid Load is Associated With Serum Bicarbonate but not Insulin Sensitivity in Chronic Kidney Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 26, 93-102.		27
22	Addressing the Challenges of Obtaining Functional Outcomes in Traumatic Brain Injury Research: Missing Data Patterns, Timing of Follow-Up, and Three Prognostic Models. <i>Journal of Neurotrauma</i> , 2014, 31, 1029-1038.	3.4	25
23	A Prediction Model for Severe AKI in Critically Ill Adults That Incorporates Clinical and Biomarker Data. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019, 14, 506-514.	4.5	25
24	Gene Expression Studies and Targeted Metabolomics Reveal Disturbed Serine, Methionine, and Tyrosine Metabolism in Early Hypertensive Nephrosclerosis. <i>Kidney International Reports</i> , 2019, 4, 321-333.	0.8	25
25	Risk of Foot Ulcer and Lower-Extremity Amputation Among Participants in the Diabetes Control and Complications Trial/Epidemiology of Diabetes Interventions and Complications Study. <i>Diabetes Care</i> , 2022, 45, 357-364.	8.6	24
26	Cardiac Biomarkers and Risk of Atrial Fibrillation in Chronic Kidney Disease: The CRIC Study. <i>Journal of the American Heart Association</i> , 2019, 8, e012200.	3.7	23
27	Urine matrix metalloproteinase-7 and risk of kidney disease progression and mortality in type 2 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2015, 29, 1024-1031.	2.3	22
28	Chronic kidney disease attenuates the plasma metabolome response to insulin. <i>JCI Insight</i> , 2018, 3, .	5.0	21
29	Physical activity and metabolic health in chronic kidney disease: a cross-sectional study. <i>BMC Nephrology</i> , 2016, 17, 187.	1.8	20
30	Alteration of HDL Protein Composition with Hemodialysis Initiation. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2018, 13, 1225-1233.	4.5	20
31	Albuminuria, the High-Density Lipoprotein Proteome, and Coronary Artery Calcification in Type 1 Diabetes Mellitus. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 1483-1491.	2.4	20
32	Change in Cardiac Biomarkers and Risk of Incident Heart Failure and Atrial Fibrillation in CKD: The Chronic Renal Insufficiency Cohort (CRIC) Study. <i>American Journal of Kidney Diseases</i> , 2021, 77, 907-919.	1.9	19
33	Cardiac Biomarkers and Risk of Mortality in CKD (the CRIC Study). <i>Kidney International Reports</i> , 2020, 5, 2002-2012.	0.8	18
34	Differences in 25-Hydroxyvitamin D Clearance by eGFR and Race: A Pharmacokinetic Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 188-198.	6.1	18
35	Echocardiographic Measures and Estimated GFR Decline Among African Americans: The Jackson Heart Study. <i>American Journal of Kidney Diseases</i> , 2017, 70, 199-206.	1.9	17
36	Diurnal and Long-term Variation in Plasma Concentrations and Renal Clearances of Circulating Markers of Kidney Proximal Tubular Secretion. <i>Clinical Chemistry</i> , 2017, 63, 915-923.	3.2	17

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37	Serum Bicarbonate Is Associated with Heart Failure in the Multi-Ethnic Study of Atherosclerosis. <i>American Journal of Nephrology</i> , 2017, 45, 118-126.	3.1	16
38	Effects of long-term vitamin D and n-3 fatty acid supplementation on inflammatory and cardiac biomarkers in patients with type 2 diabetes: secondary analyses from a randomised controlled trial. <i>Diabetologia</i> , 2021, 64, 437-447.	6.3	16
39	Prediction of Kidney Drug Clearance: A Comparison of Tubular Secretory Clearance and Glomerular Filtration Rate. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 459-468.	6.1	15
40	Upper Reference Limits for High-Sensitivity Cardiac Troponin T and N-Terminal Fragment of the Prohormone Brain Natriuretic Peptide in Patients With CKD. <i>American Journal of Kidney Diseases</i> , 2022, 79, 383-392.	1.9	15
41	Prevalence of SGLT2i and GLP1RA use among US adults with type 2 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2022, 36, 108204.	2.3	15
42	Potassium Measures and Their Associations with Glucose and Diabetes Risk: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>PLoS ONE</i> , 2016, 11, e0157252.	2.5	14
43	Rates of Cardiac Rhythm Abnormalities in Patients with CKD and Diabetes. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019, 14, 549-556.	4.5	14
44	Biased sampling designs to improve research efficiency: Factors influencing pulmonary function over time in children with asthma. <i>Annals of Applied Statistics</i> , 2015, 9, 731-753.	1.1	13
45	Alterations of Proximal Tubular Secretion in Autosomal Dominant Polycystic Kidney Disease. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2020, 15, 80-88.	4.5	13
46	Histopathologic and Clinical Features in Patients with Diabetes and Kidney Disease. <i>Kidney360</i> , 2020, 1, 1217-1225.	2.1	11
47	Associations Between Cardiac Biomarkers and Cardiac Structure and Function in CKD. <i>Kidney International Reports</i> , 2020, 5, 1052-1060.	0.8	11
48	Identification of persistent and resolving subphenotypes of acute hypoxemic respiratory failure in two independent cohorts. <i>Critical Care</i> , 2021, 25, 336.	5.8	11
49	Mineral Metabolism Disturbances and Arteriovenous Fistula Maturation. <i>European Journal of Vascular and Endovascular Surgery</i> , 2019, 57, 719-728.	1.5	10
50	Physician Judgment and Circulating Biomarkers Predict 28-Day Mortality in Emergency Department Patients*. <i>Critical Care Medicine</i> , 2019, 47, 1513-1521.	0.9	9
51	Association of tubular solute clearances with the glomerular filtration rate and complications of chronic kidney disease: the Chronic Renal Insufficiency Cohort study. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, 1271-1281.	0.7	9
52	Differences in proximal tubular solute clearance across common etiologies of chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, 1916-1923.	0.7	8
53	Association of Cardiac Biomarkers With the Kansas City Cardiomyopathy Questionnaire in Patients With Chronic Kidney Disease Without Heart Failure. <i>Journal of the American Heart Association</i> , 2020, 9, e014385.	3.7	8
54	Comparative Effects of Cholecalciferol and Calcitriol on Circulating Markers of CKD Mineral Bone Disorder. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2018, 13, 927-928.	4.5	7

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55	Prediction of Incident Atrial Fibrillation in Chronic Kidney Disease: The Chronic Renal Insufficiency Cohort Study. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2021, 16, 1015-1024.	4.5	7
56	Association Between Kidney Clearance of Secretory Solutes and Cardiovascular Events: The Chronic Renal Insufficiency Cohort (CRIC) Study. <i>American Journal of Kidney Diseases</i> , 2021, 78, 226-235.e1.	1.9	7
57	Association of circulating cardiac biomarkers with electrocardiographic abnormalities in chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, 2282-2289.	0.7	7
58	Association of Vitamin D Metabolites With Arterial Function in the Hemodialysis Fistula Maturation Study. <i>American Journal of Kidney Diseases</i> , 2017, 69, 805-814.	1.9	6
59	Vitamin D and omega-3 trial to prevent and treat diabetic kidney disease: Rationale, design, and baseline characteristics. <i>Contemporary Clinical Trials</i> , 2018, 74, 11-17.	1.8	6
60	Two-Phase, Generalized Case-Control Designs for the Study of Quantitative Longitudinal Outcomes. <i>American Journal of Epidemiology</i> , 2020, 189, 81-90.	3.4	6
61	Body Composition Changes Following Dialysis Initiation and Cardiovascular and Mortality Outcomes in CRIC (Chronic Renal Insufficiency Cohort): A Bioimpedance Analysis Substudy. <i>Kidney Medicine</i> , 2021, 3, 327-334.e1.	2.0	6
62	Validation of the 24,25-dihydroxyvitamin D3 to 25-hydroxyvitamin D3 ratio as a biomarker of 25-hydroxyvitamin D3 clearance. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2022, 217, 106047.	2.5	6
63	Cardiac Biomarkers and Risk of Atherosclerotic Cardiovascular Disease in Patients with CKD. <i>Kidney360</i> , 2022, 3, 859-871.	2.1	6
64	Chronic kidney disease and obesity bias surrogate estimates of insulin sensitivity compared with the hyperinsulinemic euglycemic clamp. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 312, E175-E182.	3.5	5
65	Differential effects of phosphate binders on vitamin D metabolism in chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, 616-623.	0.7	5
66	Relationship Between Chronic Kidney Disease, Glucose Homeostasis, and Plasma Osteocalcin Carboxylation and Fragmentation. , 2021, 31, 248-256.		5
67	Patient Activation Measure in Dialysis Dependent Patients in the United States. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, , ASN.2021030315.	6.1	5
68	Prediction of Incident Heart Failure in CKD: The CRIC Study. <i>Kidney International Reports</i> , 2022, 7, 708-719.	0.8	5
69	Association of Proximal Tubular Secretory Clearance with Long-Term Decline in Cognitive Function. <i>Journal of the American Society of Nephrology: JASN</i> , 2022, 33, 1391-1401.	6.1	5
70	Impact of Removing Race Variable on CKD Classification Using the Creatinine-Based 2021 CKD-EPI Equation. <i>Kidney Medicine</i> , 2022, 4, 100471.	2.0	5
71	Framingham and American College of Cardiology/American Heart Association Pooled Cohort Equations, High-Sensitivity Troponin T, and N-Terminal Pro-Brain Natriuretic Peptide for Predicting Atherosclerotic Cardiovascular Events Across the Spectrum of Kidney Dysfunction. <i>Journal of the American Heart Association</i> . 2022. 11. .	3.7	5
72	Effect of Anti-Hypertensive Medication History on Arteriovenous Fistula Maturation Outcomes. <i>American Journal of Nephrology</i> , 2018, 48, 56-64.	3.1	4

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73	Association of Tubular Solute Clearance with Symptom Burden in Incident Peritoneal Dialysis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2020, 15, 530-538.	4.5	4
74	Serum Vitamin D: Correlates of Baseline Concentration and Response to Supplementation in VITAL-DKD. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 525-537.	3.6	4
75	Likelihood-based analysis of outcome-dependent sampling designs with longitudinal data. <i>Statistics in Medicine</i> , 2018, 37, 2120-2133.	1.6	3
76	Tubular Secretary Clearance Is Associated With Whole-Body Insulin Clearance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e3882-e3891.	3.6	3
77	Temporal Relationship of Glycemia With Cardiac Arrhythmias in Patients With Type 2 Diabetes and CKD. <i>American Journal of Kidney Diseases</i> , 2021, 77, 988-990.	1.9	2
78	Patient-Reported Symptoms and Subsequent Risk of Myocardial Infarction in Chronic Kidney Disease. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2022, 17, 487-495.	4.5	1
79	Kidney Function in Patients With Type 2 Diabetes After Vitamin D Supplementation—Reply. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 1411.	7.4	0