

# Runolfur Palsson

## List of Publications by Year in descending order

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Version: 2024-02-01

104  
papers

5,832  
citations

94433

37  
h-index

82547

72  
g-index

113  
all docs

113  
docs citations

113  
times ranked

10173  
citing authors

#	ARTICLE	IF	CITATIONS
1	Humoral Immune Response to SARS-CoV-2 in Iceland. <i>New England Journal of Medicine</i> , 2020, 383, 1724-1734.	27.0	845
2	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019, 51, 957-972.	21.4	549
3	Sequence variants in the CLDN14 gene associate with kidney stones and bone mineral density. <i>Nature Genetics</i> , 2009, 41, 926-930.	21.4	248
4	Hereditary causes of kidney stones and chronic kidney disease. <i>Pediatric Nephrology</i> , 2013, 28, 1923-1942.	1.7	213
5	CKD: A Call for an Age-Adapted Definition. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 1785-1805.	6.1	198
6	The European Renal Associationâ€™sâ€™European Dialysis and Transplant Association (ERA-EDTA) Registry Annual Report 2016: a summary. <i>CKJ: Clinical Kidney Journal</i> , 2019, 12, 702-720.	2.9	178
7	The European Renal Association â€™ European Dialysis and Transplant Association (ERA-EDTA) Registry Annual Report 2015: a summary. <i>CKJ: Clinical Kidney Journal</i> , 2018, 11, 108-122.	2.9	169
8	Association of Variants at UMOD with Chronic Kidney Disease and Kidney Stonesâ€™Role of Age and Comorbid Diseases. <i>PLoS Genetics</i> , 2010, 6, e1001039.	3.5	166
9	Temporal trends in the incidence of kidney stone disease. <i>Kidney International</i> , 2013, 83, 146-152.	5.2	132
10	Comparing GFR Estimating Equations Using Cystatin C and Creatinine in Elderly Individuals. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 1982-1989.	6.1	132
11	Trends in dialysis modality choice and related patient survival in the ERA-EDTA Registry over a 20-year period. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, 120-128.	0.7	132
12	An update on renal replacement therapy in Europe: ERA-EDTA Registry data from 1997 to 2006. <i>Nephrology Dialysis Transplantation</i> , 2009, 24, 3557-3566.	0.7	129
13	Lipoprotein(a) Concentration and Risks of Cardiovascular Disease and Diabetes. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2982-2994.	2.8	127
14	The changing trends and outcomes in renal replacement therapy: data from the ERA-EDTA Registry. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, 831-841.	0.7	125
15	Common and rare variants associated with kidney stones and biochemical traits. <i>Nature Communications</i> , 2015, 6, 7975.	12.8	117
16	Renal replacement therapy in Europe: a summary of the 2012 ERA-EDTA Registry Annual Report. <i>CKJ: Clinical Kidney Journal</i> , 2015, 8, 248-261.	2.9	97
17	Clinical features and genotype of adenine phosphoribosyltransferase deficiency in Iceland. <i>American Journal of Kidney Diseases</i> , 2001, 38, 473-480.	1.9	95
18	High incidence of kidney stones in Icelandic children. <i>Pediatric Nephrology</i> , 2005, 20, 940-944.	1.7	86

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19	Mortality from infections and malignancies in patients treated with renal replacement therapy: data from the ERA-EDTA registry. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, 1028-1037.	0.7	81
20	Renal replacement therapy in Europe: a summary of the 2013 ERA-EDTA Registry Annual Report with a focus on diabetes mellitus. <i>CKJ: Clinical Kidney Journal</i> , 2016, 9, 457-469.	2.9	70
21	GFR in Healthy Aging: an Individual Participant Data Meta-Analysis of Iohexol Clearance in European Population-Based Cohorts. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 1602-1615.	6.1	68
22	Epidemiology of kidney stones in Iceland A population-based study. <i>Scandinavian Journal of Urology and Nephrology</i> , 2006, 40, 215-220.	1.4	67
23	The ERA-EDTA Registry Annual Report 2018: a summary. <i>CKJ: Clinical Kidney Journal</i> , 2021, 14, 107-123.	2.9	67
24	Renal replacement therapy for rare diseases affecting the kidney: an analysis of the ERA-EDTA Registry. <i>Nephrology Dialysis Transplantation</i> , 2014, 29, iv1-iv8.	0.7	65
25	The ERA-EDTA Registry Annual Report 2017: a summary. <i>CKJ: Clinical Kidney Journal</i> , 2020, 13, 693-709.	2.9	65
26	The European Renal Association – European Dialysis and Transplant Association Registry Annual Report 2014: a summary. <i>CKJ: Clinical Kidney Journal</i> , 2017, 10, 154-169.	2.9	64
27	Kidney Disease in Adenine Phosphoribosyltransferase Deficiency. <i>American Journal of Kidney Diseases</i> , 2016, 67, 431-438.	1.9	60
28	Cellular and Molecular Mechanisms of Kidney Injury in 2,8-Dihydroxyadenine Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 799-816.	6.1	54
29	The ERA Registry Annual Report 2019: summary and age comparisons. <i>CKJ: Clinical Kidney Journal</i> , 2022, 15, 452-472.	2.9	54
30	Assessment of kidney function: clinical indications for measured GFR. <i>CKJ: Clinical Kidney Journal</i> , 2021, 14, 1861-1870.	2.9	52
31	Iceland screens, treats, or prevents multiple myeloma (iStopMM): a population-based screening study for monoclonal gammopathy of undetermined significance and randomized controlled trial of follow-up strategies. <i>Blood Cancer Journal</i> , 2021, 11, 94.	6.2	52
32	Non-GFR Determinants of Low-Molecular-Weight Serum Protein Filtration Markers in the Elderly: AGES-Kidney and MESA-Kidney. <i>American Journal of Kidney Diseases</i> , 2017, 70, 406-414.	1.9	50
33	Clinical spectrum of coronavirus disease 2019 in Iceland: population based cohort study. <i>BMJ, The</i> , 2020, 371, m4529.	6.0	50
34	Impact of nephrolithiasis on kidney function. <i>BMC Nephrology</i> , 2015, 16, 149.	1.8	49
35	Mononuclear phagocytes orchestrate prolyl hydroxylase inhibition-mediated renoprotection in chronic tubulointerstitial nephritis. <i>Kidney International</i> , 2019, 96, 378-396.	5.2	49
36	Recurrent 2,8-Dihydroxyadenine Nephropathy: A Rare but Preventable Cause of Renal Allograft Failure. <i>American Journal of Transplantation</i> , 2014, 14, 2623-2632.	4.7	43

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37	Prevalence and progression of CRF in Iceland: A population-based study. <i>American Journal of Kidney Diseases</i> , 2002, 40, 955-963.	1.9	41
38	Comparison of glomerular filtration rate estimating equations derived from creatinine and cystatin C: validation in the Age, Gene/Environment Susceptibility-Reykjavik elderly cohort. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 1380-1388.	0.7	37
39	Sex Differences in Kidney Replacement Therapy Initiation and Maintenance. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019, 14, 1616-1625.	4.5	37
40	Core competencies of the European internist: A discussion paper. <i>European Journal of Internal Medicine</i> , 2007, 18, 104-108.	2.2	35
41	Renal replacement therapy in Europe: a summary of the 2011 ERA-EDTA Registry Annual Report. <i>CKJ: Clinical Kidney Journal</i> , 2014, 7, 227-238.	2.9	35
42	Association Between Preoperative Opioid and Benzodiazepine Prescription Patterns and Mortality After Noncardiac Surgery. <i>JAMA Surgery</i> , 2019, 154, e191652.	4.3	35
43	Supplemented ERA-EDTA Registry data evaluated the frequency of dialysis, kidney transplantation, and comprehensive conservative management for patients with kidney failure in Europe. <i>Kidney International</i> , 2021, 100, 182-195.	5.2	31
44	The prevalence of chronic kidney disease in Iceland according to KDIGO criteria and age-adapted estimated glomerular filtration rate thresholds. <i>Kidney International</i> , 2020, 98, 1286-1295.	5.2	30
45	Familiality of kidney stone disease in Iceland. <i>Scandinavian Journal of Urology and Nephrology</i> , 2009, 43, 420-424.	1.4	29
46	Renal recovery and long-term survival following acute kidney injury after coronary artery surgery: a nationwide study. <i>Acta Anaesthesiologica Scandinavica</i> , 2016, 60, 1230-1240.	1.6	29
47	Midlife Blood Pressure and Late-Life GFR and Albuminuria: An Elderly General Population Cohort. <i>American Journal of Kidney Diseases</i> , 2015, 66, 240-248.	1.9	28
48	Changes in co-morbidity pattern in patients starting renal replacement therapy in Europe—data from the ERA-EDTA Registry. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 1794-1804.	0.7	28
49	Sequence variants associating with urinary biomarkers. <i>Human Molecular Genetics</i> , 2019, 28, 1199-1211.	2.9	28
50	Incidence of kidney stone disease in Icelandic children and adolescents from 1985 to 2013: results of a nationwide study. <i>Pediatric Nephrology</i> , 2018, 33, 1375-1384.	1.7	27
51	Data from the ERA-EDTA Registry were examined for trends in excess mortality in European adults on kidney replacement therapy. <i>Kidney International</i> , 2020, 98, 999-1008.	5.2	27
52	Comparison of the effect of allopurinol and febuxostat on urinary 2,8-dihydroxyadenine excretion in patients with Adenine phosphoribosyltransferase deficiency (APRTd): A clinical trial. <i>European Journal of Internal Medicine</i> , 2018, 48, 75-79.	2.2	26
53	Genetics of common complex kidney stone disease: insights from genome-wide association studies. <i>Urolithiasis</i> , 2019, 47, 11-21.	2.0	26
54	Obstructive sleep apnea is an independent risk factor for severe COVID-19: a population-based study. <i>Sleep</i> , 2022, 45, .	1.1	24

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55	Lifetime Risk of Stage 3–5 CKD in a Community-Based Sample in Iceland. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015, 10, 1575-1584.	4.5	23
56	Plasma 25-hydroxyvitamin D2 and D3 levels and incidence of postoperative atrial fibrillation. <i>Journal of Nutritional Science</i> , 2016, 5, e10.	1.9	20
57	Beating the odds with systematic individualized care: Nationwide prospective follow-up of all patients with COVID-19 in Iceland. <i>Journal of Internal Medicine</i> , 2021, 289, 255-258.	6.0	20
58	Access to kidney transplantation in European adults aged 75-84 years and related outcomes: an analysis of the European Renal Association-European Dialysis and Transplant Association Registry. <i>Transplant International</i> , 2018, 31, 540-553.	1.6	19
59	Acute kidney injury following coronary angiography: a nationwide study of incidence, risk factors and long-term outcomes. <i>Journal of Nephrology</i> , 2018, 31, 721-730.	2.0	19
60	Unchanged incidence of diabetic nephropathy in Type 1 diabetes: a nation-wide study in Iceland. <i>Diabetic Medicine</i> , 2005, 22, 182-187.	2.3	18
61	Characteristics and Outcomes of Patients With Systemic Sclerosis (Scleroderma) Requiring Renal Replacement Therapy in Europe: Results From the ERA-EDTA Registry. <i>American Journal of Kidney Diseases</i> , 2019, 73, 184-193.	1.9	18
62	Choice of replacement solution and anticoagulant in continuous venovenous hemofiltration. <i>Clinical Nephrology</i> , 2006, 65, 34-42.	0.7	18
63	Fabry Disease in Families With Hypertrophic Cardiomyopathy. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, .	5.1	17
64	U-shaped relationship between tissue docosahexaenoic acid and atrial fibrillation following cardiac surgery. <i>European Journal of Clinical Nutrition</i> , 2014, 68, 114-118.	2.9	16
65	Comprehensive Genetic Analysis Reveals Complexity of Monogenic Urinary Stone Disease. <i>Kidney International Reports</i> , 2021, 6, 2862-2884.	0.8	15
66	Renal replacement therapy in Europe—a summary of the 2010 ERA-EDTA Registry Annual Report. <i>CKJ: Clinical Kidney Journal</i> , 2013, 6, 105-115.	2.9	14
67	Current kidney function parameters overestimate kidney tissue repair in reversible experimental kidney disease. <i>Kidney International</i> , 2022, 102, 307-320.	5.2	14
68	Mortality due to bleeding, myocardial infarction and stroke in dialysis patients. <i>Journal of Thrombosis and Haemostasis</i> , 2018, 16, 1953-1963.	3.8	13
69	Postoperative Acute Kidney Injury: Focus on Renal Recovery Definitions, Kidney Disease Progression and Survival. <i>American Journal of Nephrology</i> , 2019, 49, 175-185.	3.1	13
70	Results in the ESPN/ERA-EDTA Registry suggest disparities in access to kidney transplantation but little variation in graft survival of children across Europe. <i>Kidney International</i> , 2020, 98, 464-475.	5.2	13
71	Factor D Inhibition Blocks Complement Activation Induced by Mutant Factor B Associated With Atypical Hemolytic Uremic Syndrome and Membranoproliferative Glomerulonephritis. <i>Frontiers in Immunology</i> , 2021, 12, 690821.	4.8	13
72	Quantitative UPLC-MS/MS assay of urinary 2,8-dihydroxyadenine for diagnosis and management of adenine phosphoribosyltransferase deficiency. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1036-1037, 170-177.	2.3	12

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73	Aortic stiffness and change in glomerular filtration rate and albuminuria in older people. <i>Nephrology Dialysis Transplantation</i> , 2017, 32, gfw050.	0.7	12
74	Long-term renal outcomes of APRT deficiency presenting in childhood. <i>Pediatric Nephrology</i> , 2019, 34, 435-442.	1.7	12
75	International comparison of trends in patients commencing renal replacement therapy by primary renal disease. <i>Nephrology</i> , 2019, 24, 1064-1076.	1.6	11
76	Reconstruction of a large-scale outbreak of SARS-CoV-2 infection in Iceland informs vaccination strategies. <i>Clinical Microbiology and Infection</i> , 2022, 28, 852-858.	6.0	11
77	Kidney Transplant Outcomes in Patients With Adenine Phosphoribosyltransferase Deficiency. <i>Transplantation</i> , 2020, 104, 2120-2128.	1.0	10
78	Screening for Monoclonal Gammopathy of Undetermined Significance: A Population-Based Randomized Clinical Trial. First Results from the Iceland Screens, Treats, or Prevents Multiple Myeloma (iStopMM) Study. <i>Blood</i> , 2021, 138, 156-156.	1.4	10
79	Computerized algorithms compared with a nephrologist's diagnosis of acute kidney injury in the emergency department. <i>European Journal of Internal Medicine</i> , 2019, 60, 78-82.	2.2	9
80	Stone recurrence among childhood kidney stone formers: results of a nationwide study in Iceland. <i>Urolithiasis</i> , 2020, 48, 409-417.	2.0	9
81	Comparability of Plasma Iohexol Clearance Across Population-Based Cohorts. <i>American Journal of Kidney Diseases</i> , 2020, 76, 54-62.	1.9	9
82	Trends in Mortality Due to Myocardial Infarction, Stroke, and Pulmonary Embolism in Patients Receiving Dialysis. <i>JAMA Network Open</i> , 2022, 5, e227624.	5.9	8
83	Genetic Causes of Kidney Stones and Kidney Failure. <i>Clinical Reviews in Bone and Mineral Metabolism</i> , 2012, 10, 2-18.	0.8	7
84	Factors associating with differences in the incidence of renal replacement therapy among elderly: data from the ERA-EDTA Registry. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 1428-1435.	0.7	7
85	Monoclonal gammopathy of undetermined significance and COVID-19: a population-based cohort study. <i>Blood Cancer Journal</i> , 2021, 11, 191.	6.2	7
86	Recovery of Kidney Function in Children Treated with Maintenance Dialysis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2018, 13, 1510-1516.	4.5	6
87	Mild Stage 1 post-operative acute kidney injury: association with chronic kidney disease and long-term survival. <i>CKJ: Clinical Kidney Journal</i> , 2021, 14, 237-244.	2.9	6
88	Illness severity and risk of mental morbidities among patients recovering from COVID-19: a cross-sectional study in the Icelandic population. <i>BMJ Open</i> , 2021, 11, e049967.	1.9	6
89	Calculating the Rate of Senescence From Mortality Data: An Analysis of Data From the ERA-EDTA Registry. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 468-474.	3.6	5
90	Allele frequency of variants reported to cause adenine phosphoribosyltransferase deficiency. <i>European Journal of Human Genetics</i> , 2021, 29, 1061-1070.	2.8	5

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91	Effect of comorbidities on survival in patients >80 years of age at onset of renal replacement therapy: data from the ERA-EDTA Registry. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, 688-694.	0.7	4
92	Incidence of and risk factors of chronic kidney disease: results of a nationwide study in Iceland. <i>Clinical Kidney Journal</i> , 2022, 15, 1290-1299.	2.9	4
93	Genetics of common complex diseases: a view from Iceland. <i>European Journal of Internal Medicine</i> , 2017, 41, 3-9.	2.2	3
94	Urinary 2,8-dihydroxyadenine excretion in patients with adenine phosphoribosyltransferase deficiency, carriers and healthy control subjects. <i>Molecular Genetics and Metabolism</i> , 2019, 128, 144-150.	1.1	3
95	Precision Medicine and Advancing Clinical Care. <i>JAMA Internal Medicine</i> , 2019, 179, 139.	5.1	3
96	Incidence of Kidney Replacement Therapy and Subsequent Outcomes Among Patients With Systemic Lupus Erythematosus: Findings From the ERA Registry. <i>American Journal of Kidney Diseases</i> , 2022, 79, 635-645.	1.9	3
97	The association of living donor source with patient and graft survival among kidney transplant recipients in the ERA-EDTA Registry – a retrospective study. <i>Transplant International</i> , 2021, 34, 76-86.	1.6	2
98	Longitudinal changes in inflammatory biomarkers among patients with COVID-19: a nationwide study in Iceland. <i>Acta Anaesthesiologica Scandinavica</i> , 0, , .	1.6	2
99	Measuring senescence rates of patients with end-stage renal disease while accounting for population heterogeneity: an analysis of data from the ERA-EDTA Registry. <i>Annals of Epidemiology</i> , 2016, 26, 773-779.	1.9	1
100	Are conventional stone analysis techniques reliable for the identification of 2,8-dihydroxyadenine kidney stones? A case series. <i>Urolithiasis</i> , 2020, 48, 337-344.	2.0	1
101	The potential for organ donation in Iceland: A nationwide study of deaths in intensive care units. <i>Acta Anaesthesiologica Scandinavica</i> , 2020, 64, 663-669.	1.6	1
102	Recovery of kidney function in patients treated with maintenance dialysis—a report from the ERA-EDTA Registry. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, 1078-1087.	0.7	1
103	The importance of recovery of renal function following acute kidney injury after CABG. <i>Acta Anaesthesiologica Scandinavica</i> , 2016, 60, 1483-1483.	1.6	0
104	Monoclonal Gammopathy of Undetermined Significance and COVID-19: Results from the Population-Based Iceland Screens Treats or Prevents Multiple Myeloma Study (iStopMM). <i>Blood</i> , 2021, 138, 154-154.	1.4	0