

Toralf Melsom

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

2,365
citations

279487

23
h-index

223531

46
g-index

50
all docs

50
docs citations

50
times ranked

2915
citing authors

#	ARTICLE	IF	CITATIONS
1	An estimated glomerular filtration rate equation for the full age spectrum. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, 798-806.	0.4	342
2	CKD: A Call for an Age-Adapted Definition. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 1785-1805.	3.0	198
3	Iohexol plasma clearance for measuring glomerular filtration rate in clinical practice and research: a review. Part 1: How to measure glomerular filtration rate with iohexol?. <i>CKJ: Clinical Kidney Journal</i> , 2016, 9, 682-699.	1.4	169
4	Development and Validation of a Modified Full Age Spectrum Creatinine-Based Equation to Estimate Glomerular Filtration Rate. <i>Annals of Internal Medicine</i> , 2021, 174, 183-191.	2.0	157
5	Iohexol plasma clearance for measuring glomerular filtration rate in clinical practice and research: a review. Part 2: Why to measure glomerular filtration rate with iohexol?. <i>CKJ: Clinical Kidney Journal</i> , 2016, 9, 700-704.	1.4	150
6	Estimating glomerular filtration rate for the full age spectrum from serum creatinine and cystatin C. <i>Nephrology Dialysis Transplantation</i> , 2017, 32, gfw425.	0.4	143
7	Cystatin C is not a better estimator of GFR than plasma creatinine in the general population. <i>Kidney International</i> , 2010, 78, 1305-1311.	2.6	109
8	Impaired Fasting Glucose Is Associated With Renal Hyperfiltration in the General Population. <i>Diabetes Care</i> , 2011, 34, 1546-1551.	4.3	108
9	Estimated GFR Associates with Cardiovascular Risk Factors Independently of Measured GFR. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 927-937.	3.0	104
10	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.	3.0	68
11	Prediabetes and Risk of Glomerular Hyperfiltration and Albuminuria in the General Nondiabetic Population: A Prospective Cohort Study. <i>American Journal of Kidney Diseases</i> , 2016, 67, 841-850.	2.1	67
12	Elevated blood pressure is not associated with accelerated glomerular filtration rate decline in the general non-diabetic middle-aged population. <i>Kidney International</i> , 2016, 90, 404-410.	2.6	52
13	Residual Associations of Inflammatory Markers with eGFR after Accounting for Measured GFR in a Community-Based Cohort without CKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2016, 11, 280-286.	2.2	51
14	Subclinical cardiovascular disease is associated with a high glomerular filtration rate in the nondiabetic general population. <i>Kidney International</i> , 2014, 86, 146-153.	2.6	45
15	Central obesity associates with renal hyperfiltration in the non-diabetic general population: a cross-sectional study. <i>BMC Nephrology</i> , 2016, 17, 172.	0.8	45
16	Metabolic syndrome but not obesity measures are risk factors for accelerated age-related glomerular filtration rate decline in the general population. <i>Kidney International</i> , 2018, 93, 1183-1190.	2.6	44
17	GFR Normalized to Total Body Water Allows Comparisons across Genders and Body Sizes. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 1517-1525.	3.0	41
18	Estimated GFR Is Biased by Non-Traditional Cardiovascular Risk Factors. <i>American Journal of Nephrology</i> , 2015, 41, 7-15.	1.4	39

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19	Physical Exercise, Fasting Glucose, and Renal Hyperfiltration in the General Population. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2012, 7, 1801-1810.	2.2	37
20	Correlation Between Baseline GFR and Subsequent Change in GFR in Norwegian Adults Without Diabetes and in Pima Indians. <i>American Journal of Kidney Diseases</i> , 2019, 73, 777-785.	2.1	34
21	Association of Increasing GFR with Change in Albuminuria in the General Population. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2016, 11, 2186-2194.	2.2	33
22	Blood pressure and age-related GFR decline in the general population. <i>BMC Nephrology</i> , 2017, 18, 77.	0.8	29
23	Performance of creatinine-based equations to estimate glomerular filtration rate with a methodology adapted to the context of drug dosage adjustment. <i>British Journal of Clinical Pharmacology</i> , 2022, 88, 2118-2127.	1.1	24
24	The Role of Cystatin C in Improving GFR Estimation in the General Population. <i>American Journal of Kidney Diseases</i> , 2012, 59, 32-40.	2.1	23
25	Urinary excretion of epidermal growth factor and rapid loss of kidney function. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, 1882-1892.	0.4	23
26	Mild Albuminuria Is a Risk Factor for Faster GFR Decline in the Nondiabetic Population. <i>Kidney International Reports</i> , 2018, 3, 817-824.	0.4	22
27	Gender differences in the association of syndecan-4 with myocardial infarction: The population-based TromsÅ Study. <i>Atherosclerosis</i> , 2018, 278, 166-173.	0.4	22
28	Ambulatory blood pressure is associated with measured glomerular filtration rate in the general middle-aged population. <i>Journal of Hypertension</i> , 2012, 30, 497-504.	0.3	20
29	Association of TNF Receptor 2 and CRP with GFR Decline in the General Nondiabetic Population. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2017, 12, 624-634.	2.2	20
30	Cystatin C as risk factor for cardiovascular events and all-cause mortality in the general population. The TromsÅ Study. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 2780-2787.	0.4	19
31	High Ambulatory Arterial Stiffness Index Is an Independent Risk Factor for Rapid Age-Related Glomerular Filtration Rate Decline in the General Middle-Aged Population. <i>Hypertension</i> , 2017, 69, 651-659.	1.3	16
32	Urinary Markers of Oxidative Stress Are Associated With Albuminuria But Not GFR Decline. <i>Kidney International Reports</i> , 2018, 3, 573-582.	0.4	15
33	N-Acetyl-Î²-d-Glucosaminidase Does Not Enhance Prediction of Cardiovascular or All-Cause Mortality by Albuminuria in a Low-Risk Population. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 533-542.	3.0	12
34	The diagnostic value of rescaled renal biomarkers serum creatinine and serum cystatin C and their relation with measured glomerular filtration rate. <i>Clinica Chimica Acta</i> , 2017, 471, 164-170.	0.5	11
35	Prospects for improved glomerular filtration rate estimation based on creatinine results from a transnational multicentre study. <i>CKJ: Clinical Kidney Journal</i> , 2020, 13, 674-683.	1.4	11
36	Estimated and Measured GFR Associate Differently with Retinal Vasculopathy in the General Population. <i>Nephron</i> , 2015, 131, 175-184.	0.9	9

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37	The Association Between Adiponectin, Serum Uric Acid and Urinary Markers of Renal Damage in the General Population: Cross-Sectional Data from the TromsÅ, Study. <i>Kidney and Blood Pressure Research</i> , 2016, 41, 623-634.	0.9	9
38	Comparability of Plasma Iohexol Clearance Across Population-Based Cohorts. <i>American Journal of Kidney Diseases</i> , 2020, 76, 54-62.	2.1	9
39	Serum matrix metalloproteinase 7 and accelerated glomerular filtration rate decline in a general non-diabetic population. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, 1657-1667.	0.4	8
40	Office and Ambulatory Heart Rate as Predictors of Age-Related Kidney Function Decline. <i>Hypertension</i> , 2018, 72, 594-601.	1.3	7
41	Data on the relation between renal biomarkers and measured glomerular filtration rate. <i>Data in Brief</i> , 2017, 14, 763-772.	0.5	5
42	Association of High-Density Lipoprotein Cholesterol With GFR Decline in a General Nondiabetic Population. <i>Kidney International Reports</i> , 2021, 6, 2084-2094.	0.4	5
43	Low-grade impairments in cognitive and kidney function in a healthy middle-aged general population: a cross-sectional study. <i>BMC Nephrology</i> , 2019, 20, 166.	0.8	4
44	Estimated Glomerular Filtration Rate (eGFR) based on cystatin C was associated with increased risk of hip and proximal humerus fractures in women and decreased risk of hip fracture in men, whereas eGFR based on creatinine was not associated with fracture risk in both sexes: The TromsÅ, Study. <i>Bone</i> , 2021, 148, 115960.	1.4	3
45	Iohexol Plasma Clearance: Impact of Weighing the Syringe. <i>Kidney International Reports</i> , 2021, 6, 2478-2480.	0.4	1
46	Urinary orosomucoid is associated with diastolic dysfunction and carotid arteriopathy in the general population. Cross-sectional data from the TromsÅ, study. <i>Scandinavian Cardiovascular Journal</i> , 2022, 56, 148-156.	0.4	1
47	MO512: Association of Urinary Biomarkers and Accelerated, Age-Related Decline in Measured Gfr. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, .	0.4	0
48	MO433: Nitric-Oxide Precursors and Dimethylarginines as Risk Factors for Accelerated GFR Decline in the Non-Diabetic General Population. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, .	0.4	0
49	Physiology of the Aging Kidney. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2022, 17, CJN.06880622.	2.2	0