

Michael Mauer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11095208/publications.pdf>

Version: 2024-02-01

121
papers

10,271
citations

57719

44
h-index

34964

98
g-index

126
all docs

126
docs citations

126
times ranked

9204
citing authors

#	ARTICLE	IF	CITATIONS
1	KDOQI US Commentary on the KDIGO 2020 Clinical Practice Guideline for Diabetes Management in CKD. American Journal of Kidney Diseases, 2022, 79, 457-479.	2.1	18
2	A novel unbiased method reveals progressive podocyte globotriaosylceramide accumulation and loss with age in females with Fabry disease. Kidney International, 2022, 102, 173-182.	2.6	3
3	A New Panel-Estimated GFR, Including $\hat{\text{I}}^2$ -Microglobulin and $\hat{\text{I}}^2$ -Trace Protein and Not Including Race, Developed in a Diverse Population. American Journal of Kidney Diseases, 2021, 77, 673-683.e1.	2.1	47
4	MO041STABILIZATION OF KIDNEY FUNCTION DECLINE AND CARDIOMYOPATHY IN MALE PATIENTS WITH CLASSIC FABRY DISEASE: A PRE- VS. POST-AGALSIDASE BETA TREATMENT FABRY REGISTRY ANALYSIS. Nephrology Dialysis Transplantation, 2021, 36, .	0.4	0
5	Comprehensive Search for Novel Circulating miRNAs and Axon Guidance Pathway Proteins Associated with Risk of ESKD in Diabetes. Journal of the American Society of Nephrology: JASN, 2021, 32, 2331-2351.	3.0	20
6	Pima Indian Contributions to Our Understanding of Diabetic Kidney Disease. Diabetes, 2021, 70, 1603-1616.	0.3	15
7	New Creatinine- and Cystatin Câ€“Based Equations to Estimate GFR without Race. New England Journal of Medicine, 2021, 385, 1737-1749.	13.9	1,236
8	Serum Level of Polyubiquitinated PTEN and Loss of Kidney Function in American Indians With Type 2 Diabetes. American Journal of Kidney Diseases, 2021, , .	2.1	4
9	Uric acid and risk of diabetic kidney disease. Journal of Nephrology, 2020, 33, 995-999.	0.9	15
10	Renal structure in type 2 diabetes: facts and misconceptions. Journal of Nephrology, 2020, 33, 901-907.	0.9	20
11	Accumulation of Globotriaosylceramide in Podocytes in Fabry Nephropathy Is Associated with Progressive Podocyte Loss. Journal of the American Society of Nephrology: JASN, 2020, 31, 865-875.	3.0	55
12	Serum Urate Lowering with Allopurinol and Kidney Function in Type 1 Diabetes. New England Journal of Medicine, 2020, 382, 2493-2503.	13.9	228
13	Performance of Indexed and Nonindexed Estimated GFR. American Journal of Kidney Diseases, 2020, 76, 446-449.	2.1	19
14	Genome-Wide Association Study of Diabetic Kidney Disease Highlights Biology Involved in Glomerular Basement Membrane Collagen. Journal of the American Society of Nephrology: JASN, 2019, 30, 2000-2016.	3.0	135
15	Genetic Determinants of Glycated Hemoglobin in Type 1 Diabetes. Diabetes, 2019, 68, 858-867.	0.3	14
16	Changes in Albuminuria But Not GFR are Associated with Early Changes in Kidney Structure in Type 2 Diabetes. Journal of the American Society of Nephrology: JASN, 2019, 30, 1049-1059.	3.0	45
17	Preventing Early Renal Loss in Diabetes (PERL) Study: A Randomized Double-Blinded Trial of Allopurinolâ€”Rationale, Design, and Baseline Data. Diabetes Care, 2019, 42, 1454-1463.	4.3	39
18	Low-dose agalsidase beta treatment in male pediatric patients with Fabry disease: A 5-year randomized controlled trial. Molecular Genetics and Metabolism, 2019, 127, 86-94.	0.5	25

#	ARTICLE	IF	CITATIONS
19	Urinary IgG4 and Smad1 Are Specific Biomarkers for Renal Structural and Functional Changes in Early Stages of Diabetic Nephropathy. <i>Diabetes</i> , 2018, 67, 986-993.	0.3	15
20	Fabry disease revisited: Management and treatment recommendations for adult patients. <i>Molecular Genetics and Metabolism</i> , 2018, 123, 416-427.	0.5	391
21	Uric Acid and Diabetic Nephropathy Risk. <i>Contributions To Nephrology</i> , 2018, 192, 103-109.	1.1	47
22	Role of Kidney Biopsies for Biomarker Discovery in Diabetic Kidney Disease. <i>Advances in Chronic Kidney Disease</i> , 2018, 25, 192-201.	0.6	25
23	White blood cell fractions correlate with lesions of diabetic kidney disease and predict loss of kidney function in Type 2 diabetes. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 1001-1009.	0.4	21
24	Urine inositol pentakisphosphate 2-kinase and changes in kidney structure in early diabetic kidney disease in type 1 diabetes. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F1484-F1492.	1.3	1
25	Serum cystatin C in youth with diabetes: The SEARCH for diabetes in youth study. <i>Diabetes Research and Clinical Practice</i> , 2017, 130, 258-265.	1.1	6
26	Reduction of podocyte globotriaosylceramide content in adult male patients with Fabry disease with amenable <i>GLA</i> mutations following 6 months of migalastat treatment. <i>Journal of Medical Genetics</i> , 2017, 54, 781-786.	1.5	41
27	Plasma bradykinin and early diabetic nephropathy lesions in type 1 diabetes mellitus. <i>PLoS ONE</i> , 2017, 12, e0180964.	1.1	11
28	Time to treatment benefit for adult patients with Fabry disease receiving agalsidase β : data from the Fabry Registry. <i>Journal of Medical Genetics</i> , 2016, 53, 495-502.	1.5	101
29	Advanced Glycation End Products Predict Loss of Renal Function and Correlate With Lesions of Diabetic Kidney Disease in American Indians With Type 2 Diabetes. <i>Diabetes</i> , 2016, 65, 3744-3753.	0.3	63
30	Risk factors for severe clinical events in male and female patients with Fabry disease treated with agalsidase beta enzyme replacement therapy: Data from the Fabry Registry. <i>Molecular Genetics and Metabolism</i> , 2016, 119, 151-159.	0.5	35
31	Association Between Blood Pressure and Adverse Renal Events in Type 1 Diabetes. <i>Diabetes Care</i> , 2016, 39, 2218-2224.	4.3	25
32	The dose-response effect of insulin sensitivity on albuminuria in children according to diabetes type. <i>Pediatric Nephrology</i> , 2016, 31, 933-940.	0.9	11
33	Structural Predictors of Loss of Renal Function in American Indians with Type 2 Diabetes. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2016, 11, 254-261.	2.2	79
34	The management and treatment of children with Fabry disease: A United States-based perspective. <i>Molecular Genetics and Metabolism</i> , 2016, 117, 104-113.	0.5	85
35	One Year of Enzyme Replacement Therapy Reduces Globotriaosylceramide Inclusions in Podocytes in Male Adult Patients with Fabry Disease. <i>PLoS ONE</i> , 2016, 11, e0152812.	1.1	38
36	Urinary Podocyte Loss Is Increased in Patients with Fabry Disease and Correlates with Clinical Severity of Fabry Nephropathy. <i>PLoS ONE</i> , 2016, 11, e0168346.	1.1	41

#	ARTICLE	IF	CITATIONS
37	Glomerular structural-functional relationship models of diabetic nephropathy are robust in type 1 diabetic patients. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, 918-923.	0.4	38
38	Differential Gene Expression in Diabetic Nephropathy in Individuals With Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E876-E882.	1.8	18
39	Differential Response to High Glucose in Skin Fibroblasts of Monozygotic Twins Discordant for Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E883-E889.	1.8	10
40	Podocyte Structural Parameters Do Not Predict Progression to Diabetic Nephropathy in Normoalbuminuric Type 1 Diabetic Patients. <i>American Journal of Nephrology</i> , 2015, 41, 277-283.	1.4	13
41	Urinary monocyte chemoattractant protein-1 and hepcidin and early diabetic nephropathy lesions in type 1 diabetes mellitus. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, 599-606.	0.4	31
42	Characterization of Early Disease Status in Treatment-Naive Male Paediatric Patients with Fabry Disease Enrolled in a Randomized Clinical Trial. <i>PLoS ONE</i> , 2015, 10, e0124987.	1.1	42
43	Mosaicism of Podocyte Involvement Is Related to Podocyte Injury in Females with Fabry Disease. <i>PLoS ONE</i> , 2014, 9, e112188.	1.1	29
44	Glomerular filtration rate estimation using cystatin C alone or combined with creatinine as a confirmatory test. <i>Nephrology Dialysis Transplantation</i> , 2014, 29, 1195-1203.	0.4	76
45	The renin-aldosterone axis in kidney transplant recipients and its association with allograft function and structure. <i>Kidney International</i> , 2014, 85, 404-415.	2.6	17
46	Detection of diabetic nephropathy from advanced glycation endproducts (AGEs) differs in plasma and urine, and is dependent on the method of preparation. <i>Amino Acids</i> , 2014, 46, 311-319.	1.2	27
47	Fabry Disease: Dose Matters. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 653-655.	3.0	21
48	Is diabetic nephropathy reversible?. <i>Diabetes Research and Clinical Practice</i> , 2014, 104, 323-328.	1.1	29
49	Renal complications of Fabry disease in children. <i>Pediatric Nephrology</i> , 2013, 28, 679-687.	0.9	46
50	Temporal Profile of Diabetic Nephropathy Pathologic Changes. <i>Current Diabetes Reports</i> , 2013, 13, 592-599.	1.7	47
51	Uric Acid Lowering to Prevent Kidney Function Loss in Diabetes: The Preventing Early Renal Function Loss (PERL) Allopurinol Study. <i>Current Diabetes Reports</i> , 2013, 13, 550-559.	1.7	127
52	Early Progression of Diabetic Nephropathy Correlates With Methylglyoxal-Derived Advanced Glycation End Products. <i>Diabetes Care</i> , 2013, 36, 3234-3239.	4.3	105
53	Adherence and renal biopsy feasibility in the Renin Angiotensin-System Study (RASS) primary prevention diabetes trial. <i>Diabetes Research and Clinical Practice</i> , 2013, 102, 25-34.	1.1	3
54	Normoalbuminuric Diabetic Kidney Disease in the U.S. Population. <i>Journal of Diabetes and Its Complications</i> , 2013, 27, 123-127.	1.2	65

#	ARTICLE	IF	CITATIONS
55	Pancreas Transplantation and Reversal of Diabetic Nephropathy Lesions. <i>Medical Clinics of North America</i> , 2013, 97, 109-114.	1.1	17
56	Renal Lesions Predict Progression of Diabetic Nephropathy in Type 1 Diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 1175-1181.	3.0	99
57	Angiotensin II Blockade in Kidney Transplant Recipients. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 320-327.	3.0	93
58	Predilection of Segmental Glomerulosclerosis Lesions for the Glomerulotubular Junction Area in Type 1 Diabetic Patients: A Novel Mapping Method. <i>PLoS ONE</i> , 2013, 8, e69253.	1.1	0
59	Gene Expression Differences in Skin Fibroblasts in Identical Twins Discordant for Type 1 Diabetes. <i>Diabetes</i> , 2012, 61, 739-744.	0.3	31
60	Renal outcomes of agalsidase beta treatment for Fabry disease: role of proteinuria and timing of treatment initiation. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 1042-1049.	0.4	132
61	Reversal of diabetic nephropathy: lessons from pancreas transplantation. <i>Journal of Nephrology</i> , 2012, 25, 13-18.	0.9	39
62	Morphologic Features of Declining Renal Function in Type 1 Diabetes. <i>Seminars in Nephrology</i> , 2012, 32, 415-422.	0.6	29
63	Effects of Pancreas Transplantation on the Prevention and Reversal of Diabetic Nephropathy. <i>Contributions To Nephrology</i> , 2011, 170, 237-246.	1.1	15
64	Glomerulopathy in spontaneously obese rhesus monkeys with type 2 diabetes: a stereological study. <i>Diabetes/Metabolism Research and Reviews</i> , 2011, 27, 341-347.	1.7	4
65	Tacrolimus and Cyclosporine Nephrotoxicity in Native Kidneys of Pancreas Transplant Recipients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2011, 6, 101-106.	2.2	38
66	Benefits of Renin-Angiotensin Blockade on Retinopathy in Type 1 Diabetes Vary With Glycemic Control. <i>Diabetes Care</i> , 2011, 34, 1838-1842.	4.3	31
67	Quantitating Glomerular Endothelial Fenestration: An Unbiased Stereological Approach. <i>American Journal of Nephrology</i> , 2011, 33, 34-39.	1.4	13
68	Progressive podocyte injury and globotriaosylceramide (GL-3) accumulation in young patients with Fabry disease. <i>Kidney International</i> , 2011, 79, 663-670.	2.6	138
69	Comparative Performance of the CKD Epidemiology Collaboration (CKD-EPI) and the Modification of Diet in Renal Disease (MDRD) Study Equations for Estimating GFR Levels Above 60 mL/min/1.73 m ² . <i>American Journal of Kidney Diseases</i> , 2010, 56, 486-495.	2.1	507
70	Cellular basis of diabetic nephropathy: V. Endoglin expression levels and diabetic nephropathy risk in patients with Type 1 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2010, 24, 242-249.	1.2	6
71	Assessment of Renal Pathology and Dysfunction in Children with Fabry Disease. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2010, 5, 365-370.	2.2	37
72	Prognostic Indicators of Renal Disease Progression in Adults with Fabry Disease. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2010, 5, 2220-2228.	2.2	122

#	ARTICLE	IF	CITATIONS
73	Relationship of Blood Pressure to Retinal Vessel Diameter in Type 1 Diabetes Mellitus. JAMA Ophthalmology, 2010, 128, 198.	2.6	13
74	Renal and Retinal Effects of Enalapril and Losartan in Type 1 Diabetes. New England Journal of Medicine, 2009, 361, 40-51.	13.9	712
75	Progression of diabetic nephropathy in type 1 diabetic patients. Diabetes Research and Clinical Practice, 2009, 83, 1-8.	1.1	46
76	Pathogenesis and Pathophysiology of Diabetic Nephropathy. , 2009, , 214-223.		4
77	Implications of early renal changes in fabry disease. Clinical Therapeutics, 2008, 30, S40.	1.1	2
78	Having One Kidney Does Not Accelerate the Rate of Development of Diabetic Nephropathy Lesions in Type 1 Diabetic Patients. Diabetes, 2008, 57, 1707-1711.	0.3	22
79	Albumin Excretion Rate in Normal Adolescents. Clinical Journal of the American Society of Nephrology: CJASN, 2008, 3, 998-1005.	2.2	25
80	Podocyte Detachment and Reduced Glomerular Capillary Endothelial Fenestration in Human Type 1 Diabetic Nephropathy. Diabetes, 2007, 56, 2155-2160.	0.3	234
81	Histopathology of Diabetic Nephropathy. Seminars in Nephrology, 2007, 27, 195-207.	0.6	379
82	Glomerulotubular Junction Abnormalities Are Associated with Proteinuria in Type 1 Diabetes. Journal of the American Society of Nephrology: JASN, 2006, 17, S53-S60.	3.0	60
83	The Relation of Ambulatory Blood Pressure and Pulse Rate to Retinopathy in Type 1 Diabetes MellitusThe Renin-Angiotensin System Study. Ophthalmology, 2006, 113, 2231-2236.	2.5	23
84	Cellular basis of diabetic nephropathy: IV Antioxidant enzyme mRNA expression levels in skin fibroblasts of type 1 diabetic sibling pairs. Nephrology Dialysis Transplantation, 2006, 21, 3122-3126.	0.4	8
85	Enhancing the Predictive Value of Urinary Albumin for Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2006, 17, 339-352.	3.0	86
86	Diabetic Nephropathy Is Associated With Gene Expression Levels of Oxidative Phosphorylation and Related Pathways. Diabetes, 2006, 55, 1826-1831.	0.3	42
87	The Structure of Human Diabetic Nephropathy. , 2006, , 361-374.		4
88	The Early Natural History of Nephropathy in Type 1 Diabetes: III. Predictors of 5-Year Urinary Albumin Excretion Rate Patterns in Initially Normoalbuminuric Patients. Diabetes, 2005, 54, 2164-2171.	0.3	181
89	The Relationship of Diabetic Retinopathy to Preclinical Diabetic Glomerulopathy Lesions in Type 1 Diabetic Patients: The Renin-Angiotensin System Study. Diabetes, 2005, 54, 527-533.	0.3	133
90	Susceptibility to Diabetic Nephropathy Is Related to Dicarbonyl and Oxidative Stress. Diabetes, 2005, 54, 3274-3281.	0.3	163

#	ARTICLE	IF	CITATIONS
91	Effect of Angiotensin II on Glomerular Structure in Streptozotocin-Induced Diabetic Rats. American Journal of Nephrology, 2004, 24, 549-556.	1.4	17
92	Effects of Pancreas Transplantation on Secondary Complications of Diabetes. , 2004, , 455-508.		1
93	Atubular Glomeruli and Glomerulotubular Junction Abnormalities in Diabetic Nephropathy. Journal of the American Society of Nephrology: JASN, 2003, 14, 908-917.	3.0	105
94	Glomerular Structure in the Normal Human Kidney: Differences between Living and Cadaver Donors. Journal of the American Society of Nephrology: JASN, 2003, 14, 1901-1903.	3.0	14
95	Effects of Duration and Age at Onset of Type 1 Diabetes on Preclinical Manifestations of Nephropathy. Diabetes, 2003, 52, 1818-1824.	0.3	55
96	Low Glomerular Filtration Rate in Normoalbuminuric Type 1 Diabetic Patients: An Indicator of More Advanced Glomerular Lesions. Diabetes, 2003, 52, 1036-1040.	0.3	273
97	Diabetes and nephropathy. Current Opinion in Nephrology and Hypertension, 2003, 12, 273-282.	1.0	130
98	The Early Natural History of Nephropathy in Type 1 Diabetes: I. Study Design and Baseline Characteristics of the Study Participants. Diabetes, 2002, 51, 1572-1579.	0.3	126
99	Cellular Basis of Diabetic Nephropathy: II. The Transforming Growth Factor- α System and Diabetic Nephropathy Lesions in Type 1 Diabetes. Diabetes, 2002, 51, 3577-3581.	0.3	73
100	Cellular Basis of Diabetic Nephropathy: 1. Study Design and Renal Structural-Functional Relationships in Patients With Long-Standing Type 1 Diabetes. Diabetes, 2002, 51, 506-513.	0.3	188
101	ACE-I and ARBs in early diabetic nephropathy. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2002, 3, 262-269.	1.0	52
102	The Early Natural History of Nephropathy in Type 1 Diabetes: II. Early Renal Structural Changes in Type 1 Diabetes. Diabetes, 2002, 51, 1580-1587.	0.3	279
103	Urinary Albumin as an Indicator of Diabetic Nephropathy Lesions in Japanese Type 2 Diabetic Patients. Nephron, 2002, 91, 292-299.	0.9	25
104	An increase in the cell component of the cortical interstitium antedates interstitial fibrosis in type 1 diabetic patients ¹¹ See Editorial by Fogo, p. 2274.. Kidney International, 2002, 61, 2058-2065.	2.6	82
105	Risk predictors in patients with diabetic nephropathy. Current Diabetes Reports, 2001, 1, 245-250.	1.7	3
106	Quantitative immunoelectron microscopy of type VI collagen in glomeruli in type I diabetic patients. Kidney International, 2001, 59, 317-323.	2.6	25
107	Improved growth velocity with intensive dialysis. Consequence or coincidence?. Pediatric Nephrology, 2000, 14, 710-712.	0.9	13
108	Renal Structure in Type 2 Diabetic Patients with Microalbuminuria. , 2000, , 225-236.		5

#	ARTICLE	IF	CITATIONS
109	Reversibility of Diabetic Nephropathy Lesions: A New Concept. , 2000, , 435-440.		0
110	Insulin-dependent diabetic sibling pairs are concordant for sodium-hydrogen antiport activity11See Editorial by Giancarlo Viberti, p. 2526.. Kidney International, 1999, 55, 2383-2389.	2.6	29
111	Chronology of renal scarring in males with Alport syndrome. Pediatric Nephrology, 1998, 12, 269-274.	0.9	44
112	Hemodialysis catheter placement and recirculation in treatment of hyperammonemia. Pediatric Nephrology, 1998, 12, 592-595.	0.9	10
113	Proximal tubular basement membrane width in insulin-dependent diabetes mellitus. Kidney International, 1998, 53, 754-761.	2.6	121
114	Reversal of Lesions of Diabetic Nephropathy after Pancreas Transplantation. New England Journal of Medicine, 1998, 339, 69-75.	13.9	1,084
115	Ddiabetic nephropathy as a of revrsibility of established renal lesions. Current Opinion in Nephrology and Hypertension, 1998, 7, 489-494.	1.0	21
116	Renal Structure in Non Insulin Dependent Diabetic Patients with Microalbuminuria. , 1998, , 237-247.		0
117	Renal Structural Changes in Nonâ€“Insulin-Dependent Diabetes Mellitus. American Journal of Hypertension, 1997, 10, 184S-188S.	1.0	5
118	Delayed acute renal failure in post-transplant period in young children from unexplained etiology. Pediatric Nephrology, 1997, 11, 531-536.	0.9	1
119	Renal Structure in Non Insulin-Dependent Diabetic Patients with Microalbuminuria. , 1996, , 205-214.		0
120	Cyclosporine associated lesions in native kidneys of diabetic pancreas transplant recipients. Kidney International, 1995, 48, 489-495.	2.6	51
121	Sequential renal biopsies in insulin-dependent diabetic patients: Structural factors associated with clinical progression. Kidney International, 1995, 48, 1929-1935.	2.6	121