

Leif Erik Lovblom

List of Publications by Year in descending order

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99
papers

2,438
citations

218677

26
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243625

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all docs

99
docs citations

99
times ranked

2650
citing authors

#	ARTICLE	IF	CITATIONS
1	Normative Values for Corneal Nerve Morphology Assessed Using Corneal Confocal Microscopy: A Multinational Normative Data Set. <i>Diabetes Care</i> , 2015, 38, 838-843.	8.6	150
2	Does the Prevailing Hypothesis That Small-Fiber Dysfunction Precedes Large-Fiber Dysfunction Apply to Type 1 Diabetic Patients?. <i>Diabetes Care</i> , 2014, 37, 1418-1424.	8.6	105
3	Corneal confocal microscopy for identification of diabetic sensorimotor polyneuropathy: a pooled multinational consortium study. <i>Diabetologia</i> , 2018, 61, 1856-1861.	6.3	103
4	Effect of omega-3 supplementation on neuropathy in type 1 diabetes. <i>Neurology</i> , 2017, 88, 2294-2301.	1.1	95
5	Can Ultrasound of the Tibial Nerve Detect Diabetic Peripheral Neuropathy?. <i>Diabetes Care</i> , 2012, 35, 2575-2579.	8.6	92
6	Structure-Function Relationship Between Corneal Nerves and Conventional Small-Fiber Tests in Type 1 Diabetes. <i>Diabetes Care</i> , 2013, 36, 2748-2755.	8.6	83
7	Dipeptidyl Peptidase 4 Inhibition Stimulates Distal Tubular Natriuresis and Increases in Circulating SDF-1 \pm 1-67 in Patients With Type 2 Diabetes. <i>Diabetes Care</i> , 2017, 40, 1073-1081.	8.6	82
8	Single- and Dual-Hormone Artificial Pancreas for Overnight Glucose Control in Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 214-223.	3.6	75
9	Reliability and Validity of a Point-of-Care Sural Nerve Conduction Device for Identification of Diabetic Neuropathy. <i>PLoS ONE</i> , 2014, 9, e86515.	2.5	72
10	Impact of glycemia on survival of glioblastoma patients treated with radiation and temozolomide. <i>Journal of Neuro-Oncology</i> , 2015, 124, 119-126.	2.9	67
11	Reference values for ultrasonography of peripheral nerves. <i>Muscle and Nerve</i> , 2016, 53, 538-544.	2.2	66
12	Peripheral nerve high-resolution ultrasound in diabetes. <i>Muscle and Nerve</i> , 2017, 55, 171-178.	2.2	64
13	Conduction Slowing in Diabetic Sensorimotor Polyneuropathy. <i>Diabetes Care</i> , 2013, 36, 3684-3690.	8.6	63
14	Identification and Prediction of Diabetic Sensorimotor Polyneuropathy Using Individual and Simple Combinations of Nerve Conduction Study Parameters. <i>PLoS ONE</i> , 2013, 8, e58783.	2.5	58
15	In Vivo Corneal Confocal Microscopy and Prediction of Future-Incident Neuropathy in Type 1 Diabetes: A Preliminary Longitudinal Analysis. <i>Canadian Journal of Diabetes</i> , 2015, 39, 390-397.	0.8	57
16	Point Accuracy of Interstitial Continuous Glucose Monitoring During Exercise in Type 1 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2013, 15, 46-49.	4.4	47
17	Cardiac Autonomic Neuropathy and Early Progressive Renal Decline in Patients with Nonmacroalbuminuric Type 1 Diabetes. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015, 10, 1136-1144.	4.5	41
18	Rapid Corneal Nerve Fiber Loss: A Marker of Diabetic Neuropathy Onset and Progression. <i>Diabetes Care</i> , 2020, 43, 1829-1835.	8.6	40

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19	Sex differences in neuropathic pain intensity in diabetes. <i>Journal of the Neurological Sciences</i> , 2018, 388, 103-106.	0.6	38
20	Renin-angiotensin-aldosterone system activation in long-standing type 1 diabetes. <i>JCI Insight</i> , 2018, 3, .	5.0	38
21	Reproducibility of In Vivo Corneal Confocal Microscopy Using an Automated Analysis Program for Detection of Diabetic Sensorimotor Polyneuropathy. <i>PLoS ONE</i> , 2015, 10, e0142309.	2.5	37
22	Neuropathy and presence of emotional distress and depression in longstanding diabetes: Results from the Canadian study of longevity in type 1 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 1318-1324.	2.3	37
23	Atherosclerosis and Microvascular Complications: Results From the Canadian Study of Longevity in Type 1 Diabetes. <i>Diabetes Care</i> , 2018, 41, 2570-2578.	8.6	37
24	Laser Doppler Flare Imaging and Quantitative Thermal Thresholds Testing Performance in Small and Mixed Fiber Neuropathies. <i>PLoS ONE</i> , 2016, 11, e0165731.	2.5	33
25	Cardiovascular disease guideline adherence and self-reported statin use in longstanding type 1 diabetes: results from the Canadian study of longevity in diabetes cohort. <i>Cardiovascular Diabetology</i> , 2016, 15, 14.	6.8	29
26	Corneal Confocal Microscopy Predicts the Development of Diabetic Neuropathy: A Longitudinal Diagnostic Multinational Consortium Study. <i>Diabetes Care</i> , 2021, 44, 2107-2114.	8.6	28
27	Repetitive nerve stimulation cutoff values for the diagnosis of myasthenia gravis. <i>Muscle and Nerve</i> , 2017, 55, 166-170.	2.2	27
28	Agreement between automated and manual quantification of corneal nerve fiber length: Implications for diabetic neuropathy research. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 1066-1073.	2.3	26
29	Prevalence of Insulin Pump Therapy and Its Association with Measures of Glycemic Control: Results from the Canadian Study of Longevity in Type 1 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2016, 18, 298-307.	4.4	25
30	Toronto Clinical Neuropathy Score is valid for a wide spectrum of polyneuropathies. <i>European Journal of Neurology</i> , 2018, 25, 484-490.	3.3	23
31	Markers of Kidney Injury, Inflammation, and Fibrosis Associated With Ertugliflozin in Patients With CKD and Diabetes. <i>Kidney International Reports</i> , 2021, 6, 2095-2104.	0.8	23
32	Sex differences in neuropathic pain in longstanding diabetes: Results from the Canadian Study of Longevity in Type 1 Diabetes. <i>Journal of Diabetes and Its Complications</i> , 2018, 32, 660-664.	2.3	22
33	Changes in Cardiovascular Biomarkers Associated With the Sodium-Glucose Cotransporter 2 (SGLT2) Inhibitor Ertugliflozin in Patients With Chronic Kidney Disease and Type 2 Diabetes. <i>Diabetes Care</i> , 2021, 44, e45-e47.	8.6	22
34	Comparison of diabetes patients with demyelinating diabetic sensorimotor polyneuropathy to those diagnosed with CIDP. <i>Brain and Behavior</i> , 2013, 3, 656-663.	2.2	21
35	Bone mineral density in patients with longstanding type 1 diabetes: Results from the Canadian Study of Longevity in Type 1 Diabetes. <i>Journal of Diabetes and Its Complications</i> , 2019, 33, 1073-24.	2.3	21
36	The sensitivity and specificity of the neurological examination in polyneuropathy patients with clinical and electrophysiological correlations. <i>PLoS ONE</i> , 2017, 12, e0171597.	2.5	21

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37	Validation of cooling detection threshold as a marker of sensorimotor polyneuropathy in type 2 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2016, 30, 716-722.	2.3	20
38	Muscle thickness measured by ultrasound is reduced in neuromuscular disorders and correlates with clinical and electrophysiological findings. <i>Muscle and Nerve</i> , 2019, 60, 687-692.	2.2	20
39	Empagliflozin add-on therapy to closed-loop insulin delivery in type 1 diabetes: a 2â€‰Ã—â€‰2 factorial randomized crossover trial. <i>Nature Medicine</i> , 2022, 28, 1269-1276.	30.7	20
40	Commonly Measured Clinical Variables Are Not Associated With Burden of Complications in Long-standing Type 1 Diabetes: Results From the Canadian Study of Longevity in Diabetes. <i>Diabetes Care</i> , 2016, 39, e67-e68.	8.6	19
41	Electrophysiological testing is correlated with myasthenia gravis severity. <i>Muscle and Nerve</i> , 2017, 56, 445-448.	2.2	19
42	Reducing the need for carbohydrate counting in type 1 diabetes using closedâ€‰loop automated insulin delivery (artificial pancreas) and empagliflozin: A randomized, controlled, nonâ€‰inferiority, crossover pilot trial. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 1272-1281.	4.4	19
43	Frequent laboratory abnormalities in CIDP patients. <i>Muscle and Nerve</i> , 2016, 53, 862-865.	2.2	18
44	Diabetes Care Disparities in Long-standing Type 1 Diabetes in Canada and the U.S.: A Cross-sectional Comparison. <i>Diabetes Care</i> , 2018, 41, 88-95.	8.6	17
45	Changes in plasma and urine metabolites associated with empagliflozin in patients with type 1 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 2466-2475.	4.4	17
46	Retinopathy and RAAS Activation: Results From the Canadian Study of Longevity in Type 1 Diabetes. <i>Diabetes Care</i> , 2019, 42, 273-280.	8.6	16
47	The impact of common variation in the definition of diabetic sensorimotor polyneuropathy on the validity of corneal in vivo confocal microscopy in patients with type 1 diabetes: a brief report. <i>Journal of Diabetes and Its Complications</i> , 2013, 27, 240-242.	2.3	15
48	Renal Hemodynamic Function and RAAS Activation Over the Natural History of Type 1 Diabetes. <i>American Journal of Kidney Diseases</i> , 2019, 73, 786-796.	1.9	15
49	The relationships between markers of tubular injury and intrarenal haemodynamic function in adults with and without type 1 diabetes: Results from the Canadian Study of Longevity in Type 1 Diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 575-583.	4.4	15
50	Lower corneal nerve fibre length identifies diabetic neuropathy in older adults with diabetes: results from the Canadian Study of Longevity in Type 1 Diabetes. <i>Diabetologia</i> , 2017, 60, 2529-2531.	6.3	14
51	Evaluation of Proxy Tests for SFSN: Evidence for Mixed Small and Large Fiber Dysfunction. <i>PLoS ONE</i> , 2012, 7, e42208.	2.5	14
52	Measurement of Cooling Detection Thresholds for Identification of Diabetic Sensorimotor Polyneuropathy in Type 1 Diabetes. <i>PLoS ONE</i> , 2014, 9, e106995.	2.5	14
53	Treatment responsiveness in CIDP patients with diabetes is associated with unique electrophysiological characteristics, and not with common criteria for CIDP. <i>Expert Review of Clinical Immunology</i> , 2015, 11, 537-546.	3.0	13
54	Clinical characteristics, and impairment and disability scale scores for different CIDP Disease Activity Status classes. <i>Journal of the Neurological Sciences</i> , 2017, 372, 223-227.	0.6	13

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55	Adiposity Impacts Intrarenal Hemodynamic Function in Adults With Long-standing Type 1 Diabetes With and Without Diabetic Nephropathy: Results From the Canadian Study of Longevity in Type 1 Diabetes. <i>Diabetes Care</i> , 2018, 41, 831-839.	8.6	13
56	Quantitative sonographic evaluation of muscle thickness and fasciculation prevalence in healthy subjects. <i>Muscle and Nerve</i> , 2020, 61, 234-238.	2.2	13
57	Clinical profile and impact of comorbidities in patients with very late-onset myasthenia gravis. <i>Muscle and Nerve</i> , 2021, 64, 462-466.	2.2	13
58	Validity of a point-of-care nerve conduction device for polyneuropathy identification in older adults with diabetes: Results from the Canadian Study of Longevity in Type 1 Diabetes. <i>PLoS ONE</i> , 2018, 13, e0196647.	2.5	13
59	Higher magnification lenses versus conventional lenses for evaluation of diabetic neuropathy by corneal in vivo confocal microscopy. <i>Diabetes Research and Clinical Practice</i> , 2012, 97, e37-e40.	2.8	12
60	Uric acid levels correlate with the severity of diabetic sensorimotor polyneuropathy. <i>Journal of the Neurological Sciences</i> , 2017, 379, 94-98.	0.6	12
61	Estimating GFR by Serum Creatinine, Cystatin C, and β 2-Microglobulin in Older Adults: Results From the Canadian Study of Longevity in Type 1 Diabetes. <i>Kidney International Reports</i> , 2019, 4, 786-796.	0.8	12
62	Association between uric acid, renal haemodynamics and arterial stiffness over the natural history of type 1 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 1388-1398.	4.4	12
63	Discoveries from the study of longstanding type 1 diabetes. <i>Diabetologia</i> , 2021, 64, 1189-1200.	6.3	12
64	Disease activity in chronic inflammatory demyelinating polyneuropathy. <i>Journal of the Neurological Sciences</i> , 2016, 369, 204-209.	0.6	11
65	Analysis of Prevalence, Magnitude and Timing of the Dawn Phenomenon in Adults and Adolescents With Type 1 Diabetes: Descriptive Analysis of 2 Insulin Pump Trials. <i>Canadian Journal of Diabetes</i> , 2020, 44, 229-235.	0.8	11
66	High fractional excretion of glycation adducts is associated with subsequent early decline in renal function in type 1 diabetes. <i>Scientific Reports</i> , 2020, 10, 12709.	3.3	10
67	Superiority of sonographic evaluation of contracted versus relaxed muscle thickness in motor neuron diseases. <i>Clinical Neurophysiology</i> , 2020, 131, 1480-1486.	1.5	10
68	Baseline omega-3 level is associated with nerve regeneration following 12-months of omega-3 nutrition therapy in patients with type 1 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2021, 35, 107798.	2.3	10
69	Treatment Responsiveness in CIDP Patients with Diabetes Is Associated with Higher Degrees of Demyelination. <i>PLoS ONE</i> , 2015, 10, e0139674.	2.5	9
70	Elevated Vibration Perception Thresholds in CIDP Patients Indicate More Severe Neuropathy and Lower Treatment Response Rates. <i>PLoS ONE</i> , 2015, 10, e0139689.	2.5	8
71	Cramps frequency and severity are correlated with small and large nerve fiber measures in type 1 diabetes. <i>Clinical Neurophysiology</i> , 2018, 129, 122-126.	1.5	8
72	Sex differences in neuropathy & neuropathic pain: A brief report from the Phase 2 Canadian Study of Longevity in Type 1 Diabetes. <i>Journal of Diabetes and Its Complications</i> , 2019, 33, 107397.	2.3	8

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73	Vasopressin associated with renal vascular resistance in adults with longstanding type 1 diabetes with and without diabetic kidney disease. <i>Journal of Diabetes and Its Complications</i> , 2021, 35, 107807.	2.3	8
74	Relationships between inflammation, hemodynamic function and RAAS in longstanding type 1 diabetes and diabetic kidney disease. <i>Journal of Diabetes and Its Complications</i> , 2021, 35, 107880.	2.3	8
75	The median to ulnar cross-sectional surface area ratio in carpal tunnel syndrome. <i>Clinical Neurophysiology</i> , 2018, 129, 2239-2244.	1.5	7
76	Ultrasound-Assisted Lumbar Puncture in a Neuromuscular Clinic has a High Success Rate and Less Pain. <i>Canadian Journal of Neurological Sciences</i> , 2019, 46, 79-82.	0.5	6
77	Nerve function varies with hemoglobin A1c in controls and type 2 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2018, 32, 424-428.	2.3	5
78	The association between physical activity time and neuropathy in longstanding type 1 diabetes: A cross-sectional analysis of the Canadian study of longevity in type 1 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2022, 36, 108134.	2.3	5
79	Evaluation of a Clinical Tool to Test and Adjust the Programmed Overnight Basal Profiles for Insulin Pump Therapy: A Pilot Study. <i>Canadian Journal of Diabetes</i> , 2015, 39, 364-372.	0.8	4
80	Randomized, controlled crossover study of IVIg for demyelinating polyneuropathy and diabetes. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2019, 6, .	6.0	4
81	Risk factors for diabetic kidney disease in adults with longstanding type 1 diabetes: results from the Canadian Study of Longevity in Diabetes. <i>Renal Failure</i> , 2019, 41, 427-433.	2.1	4
82	Uric Acid Levels Correlate with Sensory Nerve Function in Healthy Subjects. <i>Canadian Journal of Neurological Sciences</i> , 2019, 46, 337-341.	0.5	4
83	The utility of a single simple question in the evaluation of patients with nondiabetic polyneuropathy. <i>Muscle and Nerve</i> , 2020, 61, 526-529.	2.2	4
84	The Prevalence of Autoimmune Diseases in Longstanding Diabetes: Results from the Canadian Study of Longevity in Adults with Type 1 Diabetes. <i>Canadian Journal of Diabetes</i> , 2021, 45, 512-518.e1.	0.8	4
85	Laboratory Abnormalities in Polyneuropathy and Electrophysiological Correlations. <i>Canadian Journal of Neurological Sciences</i> , 2018, 45, 346-349.	0.5	3
86	European Federation of Neurological Societies cutoff values significantly reduce creatine kinase sensitivity for diagnosing neuromuscular disorders. <i>Muscle and Nerve</i> , 2019, 60, 748-752.	2.2	2
87	Orthostatic blood pressure changes and diabetes duration. <i>Journal of Diabetes and Its Complications</i> , 2022, 36, 108169.	2.3	2
88	Response to Comment on Breiner et al. Does the Prevailing Hypothesis That Small-Fiber Dysfunction Precedes Large-Fiber Dysfunction Apply to Type 1 Diabetic Patients? <i>Diabetes Care</i> 2014;37:1418-1424. <i>Diabetes Care</i> , 2014, 37, e242-e242.	8.6	1
89	Exploring the optimal diagnostic threshold value of corneal nerve fibre length (CNFL) for diabetic neuropathy (DN) identification. <i>Canadian Journal of Diabetes</i> , 2017, 41, S62.	0.8	1
90	Baseline Decrement in Patients with Mild Myasthenia Gravis Predicts Immunomodulation Treatment. <i>Canadian Journal of Neurological Sciences</i> , 2019, 46, 762-766.	0.5	1

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91	126 - Prevalence of Detectable C-peptide in Longstanding Type 1 Diabetes (T1D). Canadian Journal of Diabetes, 2019, 43, S43.	0.8	1
92	Elevated plasma cyclic guanosine monophosphate may explain greater efferent arteriolar tone in adults with longstanding type 1 diabetes: A brief report. Journal of Diabetes and Its Complications, 2019, 33, 547-549.	2.3	1
93	Validation of Cooling Detection Threshold as a Marker of Sensorimotor Polyneuropathy in Type 2 Diabetes. Canadian Journal of Diabetes, 2015, 39, 542.	0.8	0
94	Reproducibility of In Vivo Corneal Confocal Microscopy Using an Automated Analysis Program for Detection of Diabetic Sensorimotor Polyneuropathy. Canadian Journal of Diabetes, 2015, 39, 543.	0.8	0
95	Response to Comment on Lovshin et al. Dipeptidyl Peptidase 4 Inhibition Stimulates Distal Tubular Natriuresis and Increases in Circulating SDF-1 α 1-67 in Patients With Type 2 Diabetes. Diabetes Care 2017;40:1073-1081. Diabetes Care, 2017, 40, e159-e160.	8.6	0
96	High frequency of MGUS in DSP. Muscle and Nerve, 2018, 57, 1018-1021.	2.2	0
97	The Relationships Between Retinopathy and Other Vascular Complications in Adults with Longstanding Diabetes: Results From the Canadian Study for Longevity in Type 1 Diabetes. Canadian Journal of Diabetes, 2018, 42, S50.	0.8	0
98	18 - Empagliflozin Is Associated With Increased Plasma Lipid Metabolites in Type 1 Diabetes. Canadian Journal of Diabetes, 2020, 44, S7-S8.	0.8	0
99	The complex association between pain and neuropathy. Muscle and Nerve, 2021, 63, 538-545.	2.2	0