

# Søren Nielsen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6522730/publications.pdf>

Version: 2024-02-01

90  
papers

3,351  
citations

147566

31  
h-index

155451

55  
g-index

91  
all docs

91  
docs citations

91  
times ranked

4315  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Current View of the Mammalian Aquaglyceroporins. <i>Annual Review of Physiology</i> , 2008, 70, 301-327.	5.6	314
2	Muscle Strength in Type 2 Diabetes. <i>Diabetes</i> , 2004, 53, 1543-1548.	0.3	292
3	Defective glycerol metabolism in aquaporin 9 (AQP9) knockout mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 3609-3614.	3.3	269
4	AQP7 is localized in capillaries of adipose tissue, cardiac and striated muscle: implications in glycerol metabolism. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, F956-F965.	1.3	129
5	Downregulation of AQP1, -2, and -3 after ureteral obstruction is associated with a long-term urine-concentrating defect. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 281, F163-F171.	1.3	116
6	Aquaporin-9 facilitates membrane transport of hydrogen peroxide in mammalian cells. <i>Biochemical and Biophysical Research Communications</i> , 2016, 471, 191-197.	1.0	115
7	Energy expenditure, sex, and endogenous fuel availability in humans. <i>Journal of Clinical Investigation</i> , 2003, 111, 981-988.	3.9	112
8	Aquaporin-9 Protein Is the Primary Route of Hepatocyte Glycerol Uptake for Glycerol Gluconeogenesis in Mice. <i>Journal of Biological Chemistry</i> , 2011, 286, 44319-44325.	1.6	101
9	Growth hormone-induced insulin resistance is associated with increased intramyocellular triglyceride content but unaltered VLDL-triglyceride kinetics. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 292, E920-E927.	1.8	84
10	Acute Effects of Ghrelin Administration on Glucose and Lipid Metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 438-444.	1.8	79
11	Determinants of VLDL-triglycerides production. <i>Current Opinion in Lipidology</i> , 2012, 23, 321-326.	1.2	71
12	Insulin dose response analysis of free fatty acid kinetics. <i>Metabolism: Clinical and Experimental</i> , 2007, 56, 68-76.	1.5	68
13	Proficiency testing in immunohistochemistryâ€™ experiences from Nordic Immunohistochemical Quality Control (NordiQC). <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2016, 468, 19-29.	1.4	68
14	Getting controls under control: the time is now for immunohistochemistry. <i>Journal of Clinical Pathology</i> , 2015, 68, 879-882.	1.0	66
15	Systolic Blood Pressure Relates to the Rate of Decline of Glomerular Filtration Rate in Type II Diabetes. <i>Diabetes Care</i> , 1993, 16, 1427-1432.	4.3	62
16	Muscle mass and function in thyrotoxic patients before and during medical treatment. <i>Clinical Endocrinology</i> , 1999, 51, 693-699.	1.2	52
17	Evidence of increased visceral obesity and reduced physical fitness in healthy insulin-resistant first-degree relatives of type 2 diabetic patients. <i>European Journal of Endocrinology</i> , 2004, 150, 207-214.	1.9	52
18	AQP1 and AQP3, Psoriasin, and Nitric Oxide Synthases 1-3 are Inflammatory Mediators in Erythema Toxicum Neonatorum. <i>Pediatric Dermatology</i> , 2003, 20, 377-384.	0.5	49

#	ARTICLE	IF	CITATIONS
19	Basal and Insulin Mediated VLDL-Triglyceride Kinetics in Type 2 Diabetic Men. <i>Diabetes</i> , 2011, 60, 88-96.	0.3	48
20	Effects of exercise on VLDL-triglyceride oxidation and turnover. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 300, E939-E944.	1.8	46
21	Metformin increases endogenous glucose production in non-diabetic individuals and individuals with recent-onset type 2 diabetes. <i>Diabetologia</i> , 2019, 62, 1251-1256.	2.9	43
22	Albuminuria and 24-h Ambulatory Blood Pressure in Normoalbuminuric and Microalbuminuric NIDDM Patients. A longitudinal study. <i>Diabetes Care</i> , 1995, 18, 1434-1441.	4.3	37
23	Increased VLDL-Triglyceride Secretion Precedes Impaired Control of Endogenous Glucose Production in Obese, Normoglycemic Men. <i>Diabetes</i> , 2011, 60, 2257-2264.	0.3	37
24	Proliferation assessment in breast carcinomas using digital image analysis based on virtual Ki67/cytokeratin double staining. <i>Breast Cancer Research and Treatment</i> , 2016, 158, 11-19.	1.1	37
25	Effects of GH on urea, glucose and lipid metabolism, and insulin sensitivity during fasting in GH-deficient patients. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003, 285, E737-E743.	1.8	36
26	Gender-specific effect of physical training on AQP7 protein expression in human adipose tissue. <i>Acta Diabetologica</i> , 2012, 49, 215-226.	1.2	36
27	Energy expenditure, insulin, and VLDL-triglyceride production in humans. <i>Journal of Lipid Research</i> , 2006, 47, 2325-2332.	2.0	34
28	Estradiol acutely inhibits whole body lipid oxidation and attenuates lipolysis in subcutaneous adipose tissue: a randomized, placebo-controlled study in postmenopausal women. <i>European Journal of Endocrinology</i> , 2012, 167, 543-551.	1.9	34
29	A Systematic Characterization of Aquaporin-9 Expression in Human Normal and Pathological Tissues. <i>Journal of Histochemistry and Cytochemistry</i> , 2016, 64, 287-300.	1.3	34
30	Simvastatin Reduces Plasma Osteoprotegerin in Type 2 Diabetic Patients With Microalbuminuria. <i>Diabetes Care</i> , 2007, 30, 3122-3124.	4.3	33
31	Measuring VLDL-triglyceride turnover in humans using ex vivo-prepared VLDL tracer. <i>Journal of Lipid Research</i> , 2006, 47, 99-106.	2.0	32
32	Vascular Response to Angiotensin II in Upper Body Obesity. <i>Hypertension</i> , 2004, 44, 435-441.	1.3	30
33	Glucose turnover, fuel oxidation and forearm substrate exchange in patients with thyrotoxicosis before and after medical treatment. <i>Clinical Endocrinology</i> , 1996, 44, 453-459.	1.2	29
34	No effect of resveratrol on VLDL-triglyceride kinetics and insulin sensitivity in obese men with nonalcoholic fatty liver disease. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 2504-2509.	2.2	29
35	AQP9 Expression in Glioblastoma Multiforme Tumors Is Limited to a Small Population of Astrocytic Cells and CD15+/CalB+ Leukocytes. <i>PLoS ONE</i> , 2013, 8, e75764.	1.1	29
36	Impact of body composition on very-low-density lipoprotein-triglycerides kinetics. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E165-E173.	1.8	28

#	ARTICLE	IF	CITATIONS
37	Long-term vasopressin-V2-receptor stimulation induces regulation of aquaporin 4 protein in renal inner medulla and cortex of Brattleboro rats. <i>Nephrology Dialysis Transplantation</i> , 2013, 28, 2058-2065.	0.4	28
38	Whole body metabolic effects of prolonged endurance training in combination with erythropoietin treatment in humans: a randomized placebo controlled trial. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 305, E879-E889.	1.8	28
39	VLDL-TG kinetics: a dual isotope study for quantifying VLDL-TG pool size, production rates, and fractional oxidation in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 297, E1324-E1330.	1.8	27
40	Dysregulation of a novel miR-23b/27b-p53 axis impairs muscle stem cell differentiation of humans with type 2 diabetes. <i>Molecular Metabolism</i> , 2017, 6, 770-779.	3.0	27
41	Independent Effects of Testosterone on Lipid Oxidation and VLDL-TG Production. <i>Diabetes</i> , 2013, 62, 1409-1416.	0.3	26
42	Dynamic subcellular localization of aquaporin 7 in white adipocytes. <i>FEBS Letters</i> , 2015, 589, 608-614.	1.3	26
43	Impaired Insulin Suppression of VLDL-Triglyceride Kinetics in Nonalcoholic Fatty Liver Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 1637-1646.	1.8	26
44	Visceral obesity is associated with increased soluble CD163 concentration in men with type 2 diabetes mellitus. <i>Endocrine Connections</i> , 2015, 4, 27-36.	0.8	24
45	Whole-Body Biodistribution, Dosimetry, and Metabolite Correction of [ <sup>11</sup> C]Palmitate: A PET Tracer for Imaging of Fatty Acid Metabolism. <i>Molecular Imaging</i> , 2017, 16, 153601211773448.	0.7	23
46	Decreased Lipid Intermediate Levels and Lipid Oxidation Rates Despite Normal Lipolysis in Patients with Hypothyroidism. <i>Thyroid</i> , 2010, 20, 843-849.	2.4	19
47	Antibody Selection in Immunohistochemical Detection of Cyclin D1 in Mantle Cell Lymphoma. <i>American Journal of Clinical Pathology</i> , 2005, 124, 782-789.	0.4	18
48	Postabsorptive VLDL-TG Fatty Acid Storage in Adipose Tissue in Lean and Obese Women. <i>Obesity</i> , 2010, 18, 1304-1311.	1.5	18
49	Metformin does not affect postabsorptive hepatic free fatty acid uptake, oxidation or resecretion in humans: A 3-month placebo-controlled clinical trial in patients with type 2 diabetes and healthy controls. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 1435-1444.	2.2	18
50	Insulin-Stimulated Muscle Glucose Uptake and Insulin Signaling in Lean and Obese Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 1631-1646.	1.8	18
51	Kinetics and utilization of lipid sources during acute exercise and acipimox. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E199-E208.	1.8	17
52	Postprandial VLDL-TG metabolism in type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2017, 75, 25-35.	1.5	17
53	Basal and insulin-regulated VLDL1 and VLDL2 kinetics in men with type 2 diabetes. <i>Diabetologia</i> , 2016, 59, 833-843.	2.9	15
54	Impaired Insulin-Mediated Antilipolysis and Lactate Release in Adipose Tissue of Upper-Body Obese Women. <i>Obesity</i> , 2012, 20, 57-64.	1.5	14

#	ARTICLE	IF	CITATIONS
55	Acute changes in lipoprotein subclasses during exercise. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 61-68.	1.5	14
56	Immunohistochemical expression of HER2 in breast cancer: socioeconomic impact of inaccurate tests. <i>BMC Health Services Research</i> , 2015, 15, 352.	0.9	14
57	Increased VLDL-TG Fatty Acid Storage in Skeletal Muscle in Men With Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 831-839.	1.8	14
58	Ki-67 Proliferation Index in Breast Cancer as a Function of Assessment Method: A NordiQC Experience. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2021, 29, 99-104.	0.6	14
59	Increased AQP7 abundance in skeletal muscle from obese men with type 2 diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E367-E373.	1.8	13
60	Oral mucosa tissue gene expression profiling before, during, and after radiation therapy for tonsil squamous cell carcinoma. <i>PLoS ONE</i> , 2018, 13, e0190709.	1.1	13
61	Similar VLDL-TG Storage in Visceral and Subcutaneous Fat in Obese and Lean Women. <i>Diabetes</i> , 2011, 60, 2787-2791.	0.3	12
62	Impact of Primary Antibody Clone, Format, and Stainer Platform on Ki67 Proliferation Indices in Breast Carcinomas. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2019, 27, 732-739.	0.6	12
63	Estrogen Receptor- $\beta$ Quantification in Breast Cancer: Concordance Between Immunohistochemical Assays and mRNA-In Situ Hybridization for ESR1 Gene. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2020, 28, 347-353.	0.6	11
64	Molecular Characteristics of High-Dose Melphalan Associated Oral Mucositis in Patients with Multiple Myeloma: A Gene Expression Study on Human Mucosa. <i>PLoS ONE</i> , 2017, 12, e0169286.	1.1	10
65	A mixed diet supplemented with $\alpha$ -arabinose does not alter glycaemic or insulinaemic responses in healthy human subjects. <i>British Journal of Nutrition</i> , 2015, 113, 82-88.	1.2	9
66	Prorenin and renal function in NIDDM patients with normoalbuminuria and microalbuminuria. <i>Journal of Internal Medicine</i> , 1995, 238, 499-505.	2.7	8
67	Combination of enalapril and low-dose thiazide reduces normoalbuminuria in essential hypertension. <i>Journal of Hypertension</i> , 1998, 16, 1539-1544.	0.3	8
68	Ten weeks of aerobic training does not result in persistent changes in VLDL triglyceride turnover or oxidation in healthy men. <i>European Journal of Endocrinology</i> , 2014, 171, 603-613.	1.9	8
69	Carb-3 Is the Superior Anti-CD15 Monoclonal Antibody for Immunohistochemistry. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2014, 22, 449-458.	0.6	8
70	Attenuated suppression of lipolysis explains the increases in triglyceride secretion and concentration associated with basal insulin peglispro relative to insulin glargine treatment in patients with type 1 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 419-426.	2.2	8
71	Lean body mass, not FFA, predicts VLDL-TG secretion rate in healthy men. <i>Obesity</i> , 2015, 23, 1379-1385.	1.5	7
72	VLDL triglyceride accumulation in skeletal muscle and adipose tissue in type 2 diabetes. <i>Current Opinion in Lipidology</i> , 2018, 29, 42-47.	1.2	7

#	ARTICLE	IF	CITATIONS
73	Validity of rapid estimation of erythrocyte volume in the diagnosis of polycytemia vera. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1989, 15, 32-7.	2.2	6
74	Acute estrogen exposure does not affect basal very low-density lipoproteinâ€“triglyceride production or oxidation in postmenopausal women. <i>European Journal of Endocrinology</i> , 2010, 163, 421-426.	1.9	6
75	Complete recovery after severe myxoedema coma complicated by status epilepticus. <i>BMJ Case Reports</i> , 2015, 2015, bcr2014209071-bcr2014209071.	0.2	5
76	NordiQC Assessments of PAX8 Immunoassays. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2018, 26, 221-224.	0.6	4
77	Localization of aquaglyceroporins in human and murine white adipose tissue. <i>Histochemistry and Cell Biology</i> , 2022, , 1.	0.8	4
78	Uneven Staining in Automated Immunohistochemistry: Cold and Hot Zones and Implications for Immunohistochemical Analysis of Biopsy Specimens. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2018, 26, 299-304.	0.6	3
79	p57 in Hydatidiform Moles: Evaluation of Antibodies and Expression in Various Cell Types. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2020, 28, 694-701.	0.6	3
80	Increased lipolysis after infusion of acylated ghrelin: a randomized, doubleâ€“blinded placeboâ€“controlled trial in hypopituitary patients. <i>Clinical Endocrinology</i> , 2020, 93, 672-677.	1.2	3
81	Isolated hyperglycaemia does not increase VLDL-triacylglycerol secretion in type 1 diabetic men. <i>Diabetologia</i> , 2015, 58, 355-362.	2.9	2
82	Measuring VLDL1-Triglyceride and VLDL2-Triglyceride Kinetics in Men: Effects of Dietary Control on Day-to-Day Variability. <i>Hormone and Metabolic Research</i> , 2017, 49, 604-611.	0.7	2
83	NordiQC Assessments of Keratin 5 Immunoassays. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2020, 28, 566-570.	0.6	1
84	No effect of 10 weeks erythropoietin treatment on lipid oxidation in healthy men. <i>Endocrine Connections</i> , 2020, 9, 1148-1155.	0.8	1
85	Reply to Russell: VLDL-TG kinetics: how to interpret a dual-isotope study. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 300, E253-E253.	1.8	0
86	The Clinical Course of Renal Disease in Caucasian NIDDM Patients. , 2000, , 81-94.		0
87	The Clinical Course of Renal Disease in Caucasian NIDDM-Patients. , 1994, , 111-121.		0
88	The Clinical Course of Renal Disease in Caucasian NIDDM Patients. , 1998, , 73-83.		0
89	Stain Quality Management and Biomarker Analysis. , 2022, , 33-69.		0
90	Cost-Effectiveness of PD-L1 Testing in Non-Small Cell Lung Cancer (NSCLC) Using In Vitro Diagnostic (IVD) Versus Laboratory-Developed Test (LDT). <i>Oncology and Therapy</i> , 2022, , 1.	1.0	0