

Sren Nielsen

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

91
papers

2,712
citations

28
h-index

50
g-index

91
ext. papers

3,052
ext. citations

5.4
avg, IF

4.91
L-index

#	Paper	IF	Citations
91	A current view of the mammalian aquaglyceroporins. <i>Annual Review of Physiology</i> , 2008 , 70, 301-27	23.1	268
90	Muscle strength in type 2 diabetes. <i>Diabetes</i> , 2004 , 53, 1543-8	0.9	242
89	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, 3609-14	11.5	226
88	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, F956-65	4.3	109
87	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, F163-71	4.3	100
86	Energy expenditure, sex, and endogenous fuel availability in humans. <i>Journal of Clinical Investigation</i> , 2003 , 111, 981-8	15.9	100
85	Aquaporin-9 protein is the primary route of hepatocyte glycerol uptake for glycerol gluconeogenesis in mice. <i>Journal of Biological Chemistry</i> , 2011 , 286, 44319-25	5.4	86
84	Aquaporin-9 facilitates membrane transport of hydrogen peroxide in mammalian cells. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 471, 191-7	3.4	80
83	Acute effects of ghrelin administration on glucose and lipid metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 438-44	5.6	74
82	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, E920-7	6	72
81	Insulin dose response analysis of free fatty acid kinetics. <i>Metabolism: Clinical and Experimental</i> , 2007 , 56, 68-76	12.7	60
80	Systolic blood pressure relates to the rate of decline of glomerular filtration rate in type II diabetes. <i>Diabetes Care</i> , 1993 , 16, 1427-32	14.6	53
79	Determinants of VLDL-triglycerides production. <i>Current Opinion in Lipidology</i> , 2012 , 23, 321-6	4.4	52
78	Getting controls under control: the time is now for immunohistochemistry. <i>Journal of Clinical Pathology</i> , 2015 , 68, 879-82	3.9	51
77	Proficiency testing in immunohistochemistry--experiences from Nordic Immunohistochemical Quality Control (NordiQC). <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2016 , 468, 19-29	5.1	51
76	Basal and insulin mediated VLDL-triglyceride kinetics in type 2 diabetic men. <i>Diabetes</i> , 2011 , 60, 88-96	0.9	44
75	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, 207-14	6.5	44

74	AQP1 and AQP3, psoriasin, and nitric oxide synthases 1-3 are inflammatory mediators in erythema toxicum neonatorum. <i>Pediatric Dermatology</i> , 2003 , 20, 377-84	1.9	42
73	Muscle mass and function in thyrotoxic patients before and during medical treatment. <i>Clinical Endocrinology</i> , 1999 , 51, 693-9	3.4	42
72	Effects of exercise on VLDL-triglyceride oxidation and turnover. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011 , 300, E939-44	6	41
71	Albuminuria and 24-h ambulatory blood pressure in normoalbuminuric and microalbuminuric NIDDM patients. A longitudinal study. <i>Diabetes Care</i> , 1995 , 18, 1434-41	14.6	35
70	Increased VLDL-triglyceride secretion precedes impaired control of endogenous glucose production in obese, normoglycemic men. <i>Diabetes</i> , 2011 , 60, 2257-64	0.9	32
69	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	4.4	30
68	Gender-specific effect of physical training on AQP7 protein expression in human adipose tissue. <i>Acta Diabetologica</i> , 2012 , 49 Suppl 1, S215-26	3.9	30
67	Measuring VLDL-triglyceride turnover in humans using ex vivo-prepared VLDL tracer. <i>Journal of Lipid Research</i> , 2006 , 47, 99-106	6.3	30
66	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, E737-43	6	30
65	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, 543-51	6.5	28
64	Energy expenditure, insulin, and VLDL-triglyceride production in humans. <i>Journal of Lipid Research</i> , 2006 , 47, 2325-32	6.3	28
63	Vascular response to angiotensin II in upper body obesity. <i>Hypertension</i> , 2004 , 44, 435-41	8.5	28
62	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, E1324-30	6	27
61	Simvastatin reduces plasma osteoprotegerin in type 2 diabetic patients with microalbuminuria. <i>Diabetes Care</i> , 2007 , 30, 3122-4	14.6	26
60	A Systematic Characterization of Aquaporin-9 Expression in Human Normal and Pathological Tissues. <i>Journal of Histochemistry and Cytochemistry</i> , 2016 , 64, 287-300	3.4	26
59	Impact of body composition on very-low-density lipoprotein-triglycerides kinetics. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009 , 296, E165-73	6	25
58	Metformin increases endogenous glucose production in non-diabetic individuals and individuals with recent-onset type 2 diabetes. <i>Diabetologia</i> , 2019 , 62, 1251-1256	10.3	24
57	Dynamic subcellular localization of aquaporin-7 in white adipocytes. <i>FEBS Letters</i> , 2015 , 589, 608-14	3.8	24

56	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, 2058-65	4.3	24
55	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	3.7	23
54	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	8.8	22
53	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, E879-89	6	21
52	Independent effects of testosterone on lipid oxidation and VLDL-TG production: a randomized, double-blind, placebo-controlled, crossover study. <i>Diabetes</i> , 2013 , 62, 1409-16	0.9	20
51	Visceral obesity is associated with increased soluble CD163 concentration in men with type 2 diabetes mellitus. <i>Endocrine Connections</i> , 2015 , 4, 27-36	3.5	19
50	Impaired Insulin Suppression of VLDL-Triglyceride Kinetics in Nonalcoholic Fatty Liver Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 1637-46	5.6	18
49	Postabsorptive VLDL-TG fatty acid storage in adipose tissue in lean and obese women. <i>Obesity</i> , 2010 , 18, 1304-11	8	18
48	Glucose turnover, fuel oxidation and forearm substrate exchange in patients with thyrotoxicosis before and after medical treatment. <i>Clinical Endocrinology</i> , 1996 , 44, 453-9	3.4	18
47	Decreased lipid intermediate levels and lipid oxidation rates despite normal lipolysis in patients with hypothyroidism. <i>Thyroid</i> , 2010 , 20, 843-9	6.2	16
46	No effect of resveratrol on VLDL-TG kinetics and insulin sensitivity in obese men with nonalcoholic fatty liver disease. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 2504-2509	6.7	15
45	Kinetics and utilization of lipid sources during acute exercise and acipimox. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 307, E199-208	6	14
44	Postprandial VLDL-TG metabolism in type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2017 , 75, 25-35	12.7	13
43	Antibody Selection in Immunohistochemical Detection of Cyclin D1 in Mantle Cell Lymphoma. <i>American Journal of Clinical Pathology</i> , 2005 , 124, 782-789	1.9	13
42	Whole-Body Biodistribution, Dosimetry, and Metabolite Correction of [C]Palmitate: A PET Tracer for Imaging of Fatty Acid Metabolism. <i>Molecular Imaging</i> , 2017 , 16, 1536012117734485	3.7	12
41	Impaired insulin-mediated antilipolysis and lactate release in adipose tissue of upper-body obese women. <i>Obesity</i> , 2012 , 20, 57-64	8	12
40	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	5.6	11
39	Immunohistochemical expression of HER2 in breast cancer: socioeconomic impact of inaccurate tests. <i>BMC Health Services Research</i> , 2015 , 15, 352	2.9	11

38	Similar VLDL-TG storage in visceral and subcutaneous fat in obese and lean women. <i>Diabetes</i> , 2011 , 60, 2787-91	0.9	11
37	Basal and insulin-regulated VLDL1 and VLDL2 kinetics in men with type 2 diabetes. <i>Diabetologia</i> , 2016 , 59, 833-43	10.3	11
36	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	6.7	10
35	Acute changes in lipoprotein subclasses during exercise. <i>Metabolism: Clinical and Experimental</i> , 2014 , 63, 61-8	12.7	9
34	Insulin-Stimulated Muscle Glucose Uptake and Insulin Signaling in Lean and Obese Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e1631-e1646	5.6	8
33	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	1.9	8
32	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	3.7	7
31	Oral mucosa tissue gene expression profiling before, during, and after radiation therapy for tonsil squamous cell carcinoma. <i>PLoS ONE</i> , 2018 , 13, e0190709	3.7	7
30	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, 603-13	6.5	7
29	Carb-3 is the superior anti-CD15 monoclonal antibody for immunohistochemistry. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2014 , 22, 449-58	1.9	7
28	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	6	7
27	Lean body mass, not FFA, predicts VLDL-TG secretion rate in healthy men. <i>Obesity</i> , 2015 , 23, 1379-85	8	6
26	Combination of enalapril and low-dose thiazide reduces normoalbuminuria in essential hypertension. <i>Journal of Hypertension</i> , 1998 , 16, 1539-44	1.9	6
25	A mixed diet supplemented with L-arabinose does not alter glycaemic or insulinaemic responses in healthy human subjects. <i>British Journal of Nutrition</i> , 2015 , 113, 82-8	3.6	5
24	Validity of rapid estimation of erythrocyte volume in the diagnosis of polycythemia vera. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1989 , 15, 32-7		5
23	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	1.9	5
22	Estrogen Receptor-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	1.9	5
21	Complete recovery after severe myxoedema coma complicated by status epilepticus. <i>BMJ Case Reports</i> , 2015 , 2015,	0.9	4

20	Prorenin and renal function in NIDDM patients with normo- and microalbuminuria. <i>Journal of Internal Medicine</i> , 1995 , 238, 499-505	10.8	4
19	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	6.7	4
18	NordiQC Assessments of PAX8 Immunoassays. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2018 , 26, 221-224	1.9	3
17	VLDL triglyceride accumulation in skeletal muscle and adipose tissue in type 2 diabetes. <i>Current Opinion in Lipidology</i> , 2018 , 29, 42-47	4.4	3
16	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	1.9	2
15	Isolated hyperglycaemia does not increase VLDL-triacylglycerol secretion in type 1 diabetic men. <i>Diabetologia</i> , 2015 , 58, 355-62	10.3	2
14	Acute estrogen exposure does not affect basal very low-density lipoprotein-triglyceride production or oxidation in postmenopausal women. <i>European Journal of Endocrinology</i> , 2010 , 163, 421-6	6.5	2
13	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	3.1	1
12	p57 in Hydatidiform Moles: Evaluation of Antibodies and Expression in Various Cell Types. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2020 , 28, 694-701	1.9	1
11	Increased lipolysis after infusion of acylated ghrelin: a randomized, double-blinded placebo-controlled trial in hypopituitary patients. <i>Clinical Endocrinology</i> , 2020 , 93, 672-677	3.4	1
10	Localization of aquaglyceroporins in human and murine white adipose tissue.. <i>Histochemistry and Cell Biology</i> , 2022 , 1	2.4	1
9	No effect of 10 weeks erythropoietin treatment on lipid oxidation in healthy men. <i>Endocrine Connections</i> , 2020 , 9, 1148-1155	3.5	0
8	Immunohistochemical Detection of Tissue and Cellular Antigens1-9		0
7	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	6	
6	The Clinical Course of Renal Disease in Caucasian NIDDM Patients 2000 , 81-94		
5	The Clinical Course of Renal Disease in Caucasian NIDDM-Patients 1994 , 111-121		
4	The Clinical Course of Renal Disease in Caucasian NIDDM Patients 1998 , 73-83		
3	NordiQC Assessments of Keratin 5 Immunoassays. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2020 , 28, 566-570	1.9	

2 Stain Quality Management and Biomarker Analysis **2022**, 33-69

1 Cost-Effectiveness of PD-L1 Testing in Non-Small Cell Lung Cancer (NSCLC) Using In Vitro Diagnostic (IVD) Versus Laboratory-Developed Test (LDT).. *Oncology and Therapy*, **2022**, 1

2.7