

Signe Sørensen Torekov

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

2,408
citations

331670

21
h-index

223800

46
g-index

48
all docs

48
docs citations

48
times ranked

4014
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Low Physical Activity Accentuates the Effect of the <i>FTO</i> rs9939609 Polymorphism on Body Fat Accumulation. Diabetes, 2008, 57, 95-101. | 0.6 | 431 |
| 2 | GLP-1 Response to Oral Glucose Is Reduced in Prediabetes, Screen-Detected Type 2 Diabetes, and Obesity and Influenced by Sex: The ADDITION-PRO Study. Diabetes, 2015, 64, 2513-2525. | 0.6 | 235 |
| 3 | Proteomics reveals the effects of sustained weight loss on the human plasma proteome. Molecular Systems Biology, 2016, 12, 901. | 7.2 | 188 |
| 4 | Healthy Weight Loss Maintenance with Exercise, Liraglutide, or Both Combined. New England Journal of Medicine, 2021, 384, 1719-1730. | 27.0 | 171 |
| 5 | Insulin Resistance Is Accompanied by Increased Fasting Glucagon and Delayed Glucagon Suppression in Individuals With Normal and Impaired Glucose Regulation. Diabetes, 2016, 65, 3473-3481. | 0.6 | 137 |
| 6 | GLP-1 Receptor Agonist Treatment Increases Bone Formation and Prevents Bone Loss in Weight-Reduced Obese Women. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 2909-2917. | 3.6 | 116 |
| 7 | Patients with Obesity Caused by Melanocortin-4 Receptor Mutations Can Be Treated with a Glucagon-like Peptide-1 Receptor Agonist. Cell Metabolism, 2018, 28, 23-32.e3. | 16.2 | 88 |
| 8 | Plasma Proteome Profiling Reveals Dynamics of Inflammatory and Lipid Homeostasis Markers after Roux-En-Y Gastric Bypass Surgery. Cell Systems, 2018, 7, 601-612.e3. | 6.2 | 80 |
| 9 | Evidence of a liverâ€alpha cell axis in humans: hepatic insulin resistance attenuates relationship between fasting plasma glucagon and glucagonotropic amino acids. Diabetologia, 2018, 61, 671-680. | 6.3 | 76 |
| 10 | Successful weight loss maintenance includes long-term increased meal responses of GLP-1 and PYY3â€36. European Journal of Endocrinology, 2016, 174, 775-784. | 3.7 | 72 |
| 11 | Glucagon acutely regulates hepatic amino acid catabolism and the effect may be disturbed by steatosis. Molecular Metabolism, 2020, 42, 101080. | 6.5 | 66 |
| 12 | KCNQ1 Long QT Syndrome Patients Have Hyperinsulinemia and Symptomatic Hypoglycemia. Diabetes, 2014, 63, 1315-1325. | 0.6 | 61 |
| 13 | Fat-Secreted Ceramides Regulate Vascular Redox State and Influence Outcomes in Patients With Cardiovascular Disease. Journal of the American College of Cardiology, 2021, 77, 2494-2513. | 2.8 | 59 |
| 14 | Association between Neuromedin U Gene Variants and Overweight and Obesity. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 5057-5063. | 3.6 | 54 |
| 15 | Obesity - an indication for GLP-1 treatment? Obesity pathophysiology and GLP-1 treatment potential. Obesity Reviews, 2011, 12, 593-601. | 6.5 | 50 |
| 16 | Glucose-Dependent Insulinotropic Polypeptide Is Associated With Lower Low-Density Lipoprotein But Unhealthy Fat Distribution, Independent of Insulin: The ADDITION-PRO Study. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 485-493. | 3.6 | 46 |
| 17 | Therapies for inter-relating diabetes and obesity â€ GLP-1 and obesity. Expert Opinion on Pharmacotherapy, 2014, 15, 2487-2500. | 1.8 | 37 |
| 18 | Sperm count is increased by diet-induced weight loss and maintained by exercise or GLP-1 analogue treatment: a randomized controlled trial. Human Reproduction, 2022, 37, 1414-1422. | 0.9 | 34 |

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|----|--|-----|-----------|
| 19 | Evidence of an Association Between the Arg72 Allele of the Peptide YY and Increased Risk of Type 2 Diabetes. Diabetes, 2005, 54, 2261-2265. | 0.6 | 33 |
| 20 | Patients With Long-QT Syndrome Caused by Impaired <i>hERG</i> -Encoded K _v 11.1 Potassium Channel Have Exaggerated Endocrine Pancreatic and Incretin Function Associated With Reactive Hypoglycemia. Circulation, 2017, 135, 1705-1719. | 1.6 | 33 |
| 21 | Treatment with liraglutide may improve markers of CVD reflected by reduced levels of apoB. Obesity Science and Practice, 2017, 3, 425-433. | 1.9 | 25 |
| 22 | Instrumentalization of Eating Improves Weight Loss Maintenance in Obesity. Obesity Facts, 2017, 10, 633-647. | 3.4 | 23 |
| 23 | Health care professionals from developing countries report educational benefits after an online diabetes course. BMC Medical Education, 2017, 17, 97. | 2.4 | 23 |
| 24 | Effects of vegan diets on cardiometabolic health: A systematic review and meta-analysis of randomized controlled trials. Obesity Reviews, 2022, 23, . | 6.5 | 23 |
| 25 | Benefit-Risk Assessment of Obesity Drugs: Focus on Glucagon-like Peptide-1 Receptor Agonists. Drug Safety, 2019, 42, 957-971. | 3.2 | 22 |
| 26 | GLP-1 Receptor Agonist Treatment in Morbid Obesity and Type 2 Diabetes Due to Pathogenic Homozygous Melanocortin-4 Receptor Mutation: A Case Report. Cell Reports Medicine, 2020, 1, 100006. | 6.5 | 22 |
| 27 | Dose response of subcutaneous GLP-1 infusion in patients with type 2 diabetes. Diabetes, Obesity and Metabolism, 2011, 13, 639-643. | 4.4 | 21 |
| 28 | Glucagon-Like Peptide 1: A Predictor of Type 2 Diabetes?. Journal of Diabetes Research, 2017, 2017, 1-13. | 2.3 | 21 |
| 29 | Family and Population-Based Studies of Variation within the Ghrelin Receptor Locus in Relation to Measures of Obesity. PLoS ONE, 2010, 5, e10084. | 2.5 | 18 |
| 30 | Homozygous carriers of the G allele of rs4664447 of the glucagon gene (GCG) are characterised by decreased fasting and stimulated levels of insulin, glucagon and glucagon-like peptide (GLP)-1. Diabetologia, 2011, 54, 2820-2831. | 6.3 | 16 |
| 31 | Protocol for a single-centre, parallel-group, randomised, controlled, superiority trial on the effects of time-restricted eating on body weight, behaviour and metabolism in individuals at high risk of type 2 diabetes: the REstricted Eating Time (RESET) study. BMJ Open, 2020, 10, e037166. | 1.9 | 13 |
| 32 | Major rapid weight loss induces changes in cardiac repolarization. Journal of Electrocardiology, 2016, 49, 467-472. | 0.9 | 12 |
| 33 | Common variants in the <i>hERG</i> (KCNH2) voltage-gated potassium channel are associated with altered fasting and glucose-stimulated plasma incretin and glucagon responses. BMC Genetics, 2018, 19, 15. | 2.7 | 12 |
| 34 | Protocol for a randomised controlled trial of the combined effects of the GLP-1 receptor agonist liraglutide and exercise on maintenance of weight loss and health after a very low-calorie diet. BMJ Open, 2019, 9, e031431. | 1.9 | 11 |
| 35 | Age-dependent transition from islet insulin hypersecretion to hyposecretion in mice with the long QT-syndrome loss-of-function mutation <i>Kcnq1-A340V</i> . Scientific Reports, 2021, 11, 12253. | 3.3 | 10 |
| 36 | A Gut-Intrinsic Melanocortin Signaling Complex Augments L-Cell Secretion in Humans. Gastroenterology, 2021, 161, 536-547.e2. | 1.3 | 10 |

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|----|--|-----|-----------|
| 37 | No effects of dapagliflozin, metformin or exercise on plasma glucagon concentrations in individuals with prediabetes: A post hoc analysis from the randomized controlled <scp>PREâ€D</scp> trial. Diabetes, Obesity and Metabolism, 2021, 23, 530-539. | 4.4 | 9 |
| 38 | Glucose ingestion causes cardiac repolarization disturbances in type 1 long QT syndrome patients and healthy subjects. Heart Rhythm, 2017, 14, 1165-1170. | 0.7 | 8 |
| 39 | Greater glucagon-like peptide-1 responses to oral glucose are associated with lower central and peripheral blood pressures. Cardiovascular Diabetology, 2019, 18, 130. | 6.8 | 8 |
| 40 | Adults with pathogenic MC4R mutations have increased final height and thereby increased bone mass. Journal of Bone and Mineral Metabolism, 2020, 38, 117-125. | 2.7 | 7 |
| 41 | Glucagon-like peptide-1 receptor agonists and cardiovascular disease: from LEADER to EXSCEL. Cardiovascular Research, 2018, 114, e70-e71. | 3.8 | 6 |
| 42 | Gain-of-function mutation in the voltage-gated potassium channel gene KCNQ1 and glucose-stimulated hypoinsulinemia - case report. BMC Endocrine Disorders, 2020, 20, 38. | 2.2 | 6 |
| 43 | Celebrities in the heart, strangers in the pancreatic beta cell: Voltageâ€gated potassium channels K_v7.1 and K_v11.1 bridge long QT syndrome with hyperinsulinaemia as well as type 2 diabetes. Acta Physiologica, 2022, 234, e13781. | 3.8 | 6 |
| 44 | Habitual physical activity is associated with lower fasting and greater glucose-induced GLP-1 response in men. Endocrine Connections, 2019, 8, 1607-1617. | 1.9 | 5 |
| 45 | Glucagon-like peptide-1 receptor agonists: the key to healthy weight loss maintenance?. Cardiovascular Research, 2021, 117, e120-e122. | 3.8 | 3 |
| 46 | Response to Comment on FÃ¼rch et al. GLP-1 Response to Oral Glucose Is Reduced in Prediabetes, Screen-Detected Type 2 Diabetes, and Obesity and Influenced by Sex: The ADDITION-PRO Study. Diabetes 2015;64:2513â€“2525. Diabetes, 2015, 64, e30-e31. | 0.6 | 1 |
| 47 | Weight loss and weight maintenance obtained with or without GLP-1 analogue treatment decrease branched chain amino acid levels. Metabolomics, 2016, 12, 1. | 3.0 | 0 |