

# Theresa M Schnurr

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,253  
citations

759055

12  
h-index

414303

32  
g-index

43  
all docs

43  
docs citations

43  
times ranked

3081  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , 2019, 51, 804-814.  | 9.4 | 402       |
| 2  | Large-scale GWAS identifies multiple loci for hand grip strength providing biological insights into muscular fitness. <i>Nature Communications</i> , 2017, 8, 16015.  | 5.8 | 149       |
| 3  | Obesity, unfavourable lifestyle and genetic risk of type 2 diabetes: a case-cohort study. <i>Diabetologia</i> , 2020, 63, 1324-1332.  | 2.9 | 121       |
| 4  | Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. <i>American Journal of Human Genetics</i> , 2019, 104, 112-138.                                     | 2.6 | 106       |
| 5  | Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. <i>PLoS Genetics</i> , 2020, 16, e1008718.  | 1.5 | 95        |
| 6  | Longitudinal associations of physical activity and sedentary time with cardiometabolic risk factors in children. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 113-123.         | 1.3 | 41        |
| 7  | The Early Growth Genetics (EGG) and EARly Genetics and Lifecourse Epidemiology (EAGLE) consortia: design, results and future prospects. <i>European Journal of Epidemiology</i> , 2019, 34, 279-300.        | 2.5 | 26        |
| 8  | Predictors of weight loss after bariatric surgery—a cross-disciplinary approach combining physiological, social, and psychological measures. <i>International Journal of Obesity</i> , 2020, 44, 2291-2302. | 1.6 | 26        |
| 9  | Abdominal adiposity and cardiometabolic risk factors in children and adolescents: a Mendelian randomization analysis. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 1079-1087.                 | 2.2 | 22        |
| 10 | A 2-year physical activity and dietary intervention attenuates the increase in insulin resistance in a general population of children: the PANIC study. <i>Diabetologia</i> , 2020, 63, 2270-2281.          | 2.9 | 22        |
| 11 | Genetic Correlation between Body Fat Percentage and Cardiorespiratory Fitness Suggests Common Genetic Etiology. <i>PLoS ONE</i> , 2016, 11, e0166738.   | 1.1 | 18        |
| 12 | Genetic Determinants of Weight Loss After Bariatric Surgery. <i>Obesity Surgery</i> , 2019, 29, 2554-2561.  | 1.1 | 17        |
| 13 | Evidence for shared genetics between physical activity, sedentary behaviour and adiposity-related traits. <i>Obesity Reviews</i> , 2021, 22, e13182.  | 3.1 | 16        |
| 14 | Genetic predisposition to adiposity is associated with increased objectively assessed sedentary time in young children. <i>International Journal of Obesity</i> , 2018, 42, 111-114.                        | 1.6 | 14        |
| 15 | Hypertension genetic risk score is associated with burden of coronary heart disease among patients referred for coronary angiography. <i>PLoS ONE</i> , 2018, 13, e0208645.                                 | 1.1 | 14        |
| 16 | The effect of acute exercise on GLUT4 levels in peripheral blood mononuclear cells of sled dogs. <i>Biochemistry and Biophysics Reports</i> , 2015, 2, 45-49.   | 0.7 | 12        |
| 17 | Genetic Susceptibility for Childhood BMI has no Impact on Weight Loss Following Lifestyle Intervention in Danish Children. <i>Obesity</i> , 2018, 26, 1915-1922.  | 1.5 | 12        |
| 18 | The influence of transmitted and non-transmitted parental BMI-associated alleles on the risk of overweight in childhood. <i>Scientific Reports</i> , 2020, 10, 4806.  | 1.6 | 12        |

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|----|---|-----|-----------|
| 19 | Obesity treatment effect in Danish children and adolescents carrying Melanocortin-4 Receptor mutations. <i>International Journal of Obesity</i> , 2021, 45, 66-76.  | 1.6 | 12        |
| 20 | Genome-wide association study identifies novel susceptibility loci for KIT D816V positive mastocytosis. <i>American Journal of Human Genetics</i> , 2021, 108, 284-294.   | 2.6 | 12        |
| 21 | A study of associations between early DHA status and fatty acid desaturase (<i>FADS</i>) SNP and developmental outcomes in children of obese mothers. <i>British Journal of Nutrition</i> , 2017, 117, 278-286.                                   | 1.2 | 11        |
| 22 | An adult-based insulin resistance genetic risk score associates with insulin resistance, metabolic traits and altered fat distribution in Danish children and adolescents who are overweight or obese. <i>Diabetologia</i> , 2018, 61, 1769-1779. | 2.9 | 11        |
| 23 | Conditioning causes an increase in glucose transporter-4 levels in mononuclear cells in sled dogs. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 55, 227-231.   | 1.2 | 9         |
| 24 | Exercise Increases Glucose Transporter-4 Levels on Peripheral Blood Mononuclear Cells. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 938-944.  | 0.2 | 9         |
| 25 | Interactions of physical activity, muscular fitness, adiposity, and genetic risk for NAFLD. <i>Hepatology Communications</i> , 2022, 6, 1516-1526.  | 2.0 | 7         |
| 26 | 25(OH)D levels in trained versus sedentary university students at 64° north. <i>International Journal of Circumpolar Health</i> , 2017, 76, 1314414.  | 0.5 | 6         |
| 27 | The effects of a 2-year physical activity and dietary intervention on plasma lipid concentrations in children: the PANIC Study. <i>European Journal of Nutrition</i> , 2021, 60, 425-434.   | 1.8 | 6         |
| 28 | Physical activity attenuates postprandial hyperglycaemia in homozygous TBC1D4 loss-of-function mutation carriers. <i>Diabetologia</i> , 2021, 64, 1795-1804.  | 2.9 | 6         |
| 29 | Genetic predisposition to higher body fat yet lower cardiometabolic risk in children and adolescents. <i>International Journal of Obesity</i> , 2019, 43, 2007-2016.  | 1.6 | 5         |
| 30 | Effect modification of <i>FADS2</i> polymorphisms on the association between breastfeeding and intelligence: results from a collaborative meta-analysis. <i>International Journal of Epidemiology</i> , 2019, 48, 45-57.                          | 0.9 | 5         |
| 31 | Smoking during pregnancy is associated with child overweight independent of maternal pre-pregnancy BMI and genetic predisposition to adiposity. <i>Scientific Reports</i> , 2022, 12, 3135.   | 1.6 | 5         |
| 32 | Birth weight variants are associated with variable fetal intrauterine growth from 20 weeks of gestation. <i>Scientific Reports</i> , 2018, 8, 8376.   | 1.6 | 4         |
| 33 | FADS and PPARC2 Single Nucleotide Polymorphisms are Associated with Plasma Lipids in 9-Mo-Old Infants. <i>Journal of Nutrition</i> , 2019, 149, 708-715.  | 1.3 | 4         |
| 34 | Glucose transporter-4 in white blood cells of young and old sled dogs: a model for human biomarker development. <i>Polar Record</i> , 2015, 51, 160-164.  | 0.4 | 3         |
| 35 | PPARG Pro12Ala Ala carriers exhibit greater improvements in peripheral insulin sensitivity in response to 12 weeks of aerobic exercise training. <i>Physiological Genomics</i> , 2019, 51, 254-260.   | 1.0 | 3         |
| 36 | Genetic determinants of blood pressure traits are associated with carotid arterial thickening and plaque formation in patients with type 2 diabetes. <i>Diabetes and Vascular Disease Research</i> , 2019, 16, 13-21.                             | 0.9 | 3         |

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|----|---|-----|-----------|
| 37 | Genetic markers of abdominal obesity and weight loss after gastric bypass surgery. PLoS ONE, 2021, 16, e0252525.  | 1.1 | 3         |
| 38 | Self-Reported Versus Accelerometer-Assessed Daily Physical Activity in Childhood Obesity Treatment. Perceptual and Motor Skills, 2017, 124, 795-811.  | 0.6 | 1         |
| 39 | Do genetic risk scores for childhood adiposity operate independent of BMI of their mothers?. International Journal of Obesity, 2021, 45, 2006-2015.   | 1.6 | 1         |
| 40 | Insulin resistance genetic risk score and burden of coronary artery disease in patients referred for coronary angiography. PLoS ONE, 2021, 16, e0252855.  | 1.1 | 1         |
| 41 | Non-linear interaction between physical activity and polygenic risk score of body mass index in Danish and Russian populations. PLoS ONE, 2021, 16, e0258748.   | 1.1 | 1         |
| 42 | P3630 Genetic risk score of insulin resistance risk variants is associated with increased risk of coronary artery disease in patients referred to coronary angiography. European Heart Journal, 2018, 39, . | 1.0 | 0         |