Jeanie B Tryggestad

List of Publications by Year
in descending order

39 papers	928 citations	471509 17 h-index	477307 29 g-index
39 all docs	39 docs citations	39 times ranked	1878 citing authors

#	Article	IF	Citations
1	SMCHD1 mutations associated with a rare muscular dystrophy can also cause isolated arhinia and Bosma arhinia microphthalmia syndrome. Nature Genetics, 2017, 49, 238-248.	21.4	131
2	Complications and comorbidities of T2DM in adolescents: findings from the TODAY clinical trial. Journal of Diabetes and Its Complications, 2015, 29, 307-312.	2.3	73
3	Obese Children Have Higher Arterial Elasticity Without a Difference in Endothelial Function: The Role of Body Composition. Obesity, 2012, 20, 165-171.	3.0	62
4	Influence of gestational diabetes mellitus on human umbilical vein endothelial cell miRNA. Clinical Science, 2016, 130, 1955-1967.	4.3	61
5	Heart Rate Variability and Cardiac Autonomic Dysfunction: Prevalence, Risk Factors, and Relationship to Arterial Stiffness in the Treatment Options for Type 2 Diabetes in Adolescents and Youth (TODAY) Study. Diabetes Care, 2019, 42, 2143-2150.	8.6	57
6	Role of microRNA-130b in placental PGC-1Î±/TFAM mitochondrial biogenesis pathway. Biochemical and Biophysical Research Communications, 2017, 487, 607-612.	2.1	38
7	A model of delivering multi-disciplinary care to people with 46 XY DSD. Journal of Pediatric Urology, 2012, 8, 7-16.	1.1	35
8	The Shape of the Glucose Response Curve During an Oral Glucose Tolerance Test: Forerunner of Heightened Glycemic Failure Rates and Accelerated Decline in Î²-Cell Function in TODAY. Diabetes Care, 2019, 42, 164-172.	8.6	34
9	Effects of maternal diabetes and fetal sex on human placenta mitochondrial biogenesis. Placenta, 2017, 57, 26-32.	1.5	31
10	Prevalence of arterial stiffness in adolescents with type 2 diabetes in the TODAY cohort: Relationships to glycemic control and other risk factors. Journal of Diabetes and Its Complications, 2018, 32, 740-745.	2.3	31
11	Macrophageâ€Derived microRNAâ€155 Increases in Obesity and Influences Adipocyte Metabolism by Targeting Peroxisome Proliferatorâ€Activated Receptor Gamma. Obesity, 2019, 27, 1856-1864.	3.0	31
12	Oxidized HDL and LDL in adolescents with type 2 diabetes compared to normal weight and obese peers. Journal of Diabetes and Its Complications, 2015, 29, 679-685.	2.3	28
13	Role of metformin in epigenetic regulation of placental mitochondrial biogenesis in maternal diabetes. Scientific Reports, 2020, 10, 8314.	3.3	25
14	Type 2 Diabetes in Youth: the Role of Early Life Exposures. Current Diabetes Reports, 2020, 20, 45.	4.2	24
15	Maternal diabetes alters microRNA expression in fetal exosomes, human umbilical vein endothelial cells and placenta. Pediatric Research, 2021, 89, 1157-1163.	2.3	21
16	Monogenic Diabetes in Youth With Presumed Type 2 Diabetes: Results From the Progress in Diabetes Genetics in Youth (ProDiGY) Collaboration. Diabetes Care, 2021, 44, 2312-2319.	8.6	21
17	Lipoprotein abnormalities in compound heterozygous lipoprotein lipase deficiency after treatment with a low-fat diet and orlistat. Journal of Clinical Lipidology, 2013, 7, 132-139.	1.5	20
18	Gestational Diabetes Mellitus Is Associated with Altered Abundance of Exosomal MicroRNAs in Human Milk. Clinical Therapeutics, 2022, 44, 172-185.e1.	2.5	19

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19	Pigment epithelium-Derived Factor (PEDF) Varies with Body Composition and Insulin Resistance in Healthy Young People. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E2114-E2118.	3.6	18
20	An Evidence-Based Model of Multidisciplinary Care for Patients and Families Affected by Classical Congenital Adrenal Hyperplasia due to 21-Hydroxylase Deficiency. International Journal of Pediatric Endocrinology (Springer), 2010, 2010, 1-13.	1.6	15
21	Genomic Research and American Indian Tribal Communities in Oklahoma: Learning From Past Research Misconduct and Building Future Trusting Partnerships. American Journal of Epidemiology, 2019, 188, 1206-1212.	3.4	15
22	Elevated plasma pigment epithelium-derived factor in children with type 2 diabetes mellitus is attributable to obesity. Pediatric Diabetes, 2015, 16, 600-605.	2.9	14
23	Hypogonadotropic hypogonadism presenting with arhinia: a case report. Journal of Medical Case Reports, 2013, 7, 52.	0.8	13
24	Arterial compliance is increased in children with type 2 diabetes compared with normal weight peers but not obese peers. Pediatric Diabetes, 2013, 14, 259-266.	2.9	13
25	Benefits and barriers to participating in longitudinal research of youth-onset type 2 diabetes: Results from the TODAY retention survey. Clinical Trials, 2016, 13, 240-243.	1.6	13
26	Cardiac Biomarkers in Youth with Type 2 Diabetes Mellitus: Results from the TODAY Study. Journal of Pediatrics, 2018, 192, 86-92.e5.	1.8	12
27	Longitudinal changes in vascular stiffness and heart rate variability among young adults with youth-onset type 2 diabetes: results from the follow-up observational treatment options for type 2 diabetes in adolescents and youth (TODAY) study. Acta Diabetologica, 2022, 59, 197-205.	2.5	12
28	Circulating adhesion molecules and associations with<scp>HbA1c</scp>, hypertension, nephropathy, and retinopathy in the Treatment Options for type 2 Diabetes in Adolescent and Youth study. Pediatric Diabetes, 2020, 21, 923-931.	2.9	11
29	Arterial Compliance in Obese Children. Exercise and Sport Sciences Reviews, 2014, 42, 175-182.	3.0	8
30	A pilot study of the effects of a highâ€intensity aerobic exercise session on heart rate variability and arterial compliance in adolescents with or without type 1 diabetes. Pediatric Diabetes, 2020, 21, 486-495.	2.9	8
31	Cardiovascular risk factor progression in adolescents and young adults with youth-onset type 2 diabetes. Journal of Diabetes and Its Complications, 2022, 36, 108123.	2.3	8
32	Sex Differences in Vascular Compliance in Normal-Weight but Not Obese Boys and Girls: The Effect of Body Composition. International Journal of Pediatrics (United Kingdom), 2012, 2012, 1-7.	0.8	7
33	Fetal circulating human resistin increases in diabetes during pregnancy and impairs placental mitochondrial biogenesis. Molecular Medicine, 2020, 26, 76.	4.4	7
34	Relationship between Arterial Stiffness and Subsequent Cardiac Structure and Function in Young Adults with Youth-Onset Type 2 Diabetes: Results from the TODAY Study. Journal of the American Society of Echocardiography, 2022, 35, 620-628.e4.	2.8	6
35	Pseudohypertriglyceridemia: A Novel Case with Important Clinical Implications. Case Reports in Pediatrics, 2020, 2020, 1-4.	0.4	2
36	BMI changes through childhood: the impact on puberty, linear growth and hormonal regulation. Pediatric Research, 2020, 88, 11-13.	2.3	2

#	Article	IF	Citations
37	The effect of a high fat meal on heart rate variability and arterial stiffness in adolescents with or without type 1 diabetes. Journal of Diabetes and Its Complications, 2022, 36, 108130.	2.3	1
38	Impact of maternal diabetes exposure on soluble adhesion molecules in the offspring. Nutrition, Metabolism and Cardiovascular Diseases, 2022, 32, 1253-1258.	2.6	1
39	Oxidized high-density Lipoprotein in Obese Adolescents*. Journal of Clinical Lipidology, 2013, 7, 275-276.	1.5	0