Peter D Gluckman

List of Publications by Year
in descending order

47 papers	10,695 citations	201674 27 h-index	233421 45 g-index
49 all docs	49 docs citations	49 times ranked	12119 citing authors

#	Article	IF	Citations
1	Maternal Glycemic Dysregulation During Pregnancy and Neonatal Blood DNA Methylation: Meta-analyses of Epigenome-Wide Association Studies. Diabetes Care, 2022, 45, 614-623.	8.6	19
2	Breastfeeding may benefit cardiometabolic health of children exposed to increased gestational glycemia in utero. European Journal of Nutrition, 2022, 61, 2383-2395.	3.9	6
3	The Kynurenine Pathway Metabolites in Cord Blood Positively Correlate With Early Childhood Adiposity. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e2464-e2473.	3.6	6
4	Policy and political perceptions of risk: the challenges to building resilient energy systems. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2022, 380, 20210146.	3.4	1
5	High placental inositol content associated with suppressed pro-adipogenic effects of maternal glycaemia in offspring: the GUSTO cohort. International Journal of Obesity, 2021, 45, 247-257.	3.4	13
6	Epigenetic and Developmental Basis of Risk of Obesity and Metabolic Disease. , 2021, , 289-313.		2
7	Brokerage at the scienceâ€“policy interface: from conceptual framework to practical guidance. Humanities and Social Sciences Communications, 2021, 8, .	2.9	45
8	Neonatal amygdala microstructure mediates the relationship between gestational glycemia and offspring adiposity. BMJ Open Diabetes Research and Care, 2021, 9, e001396.	2.8	3
9	Left lateralization of neonatal caudate microstructure affects emerging language development at 24â€‰months. European Journal of Neuroscience, 2021, 54, 4621-4637.	2.6	3
10	A model of optimal timing for a predictive adaptive response. Journal of Developmental Origins of Health and Disease, 2021, , 1-7.	1.4	4
11	Determinants of intramyocellular lipid accumulation in early childhood. International Journal of Obesity, 2020, 44, 1141-1151.	3.4	10
12	Mismatch between poor fetal growth and rapid postnatal weight gain in the first 2 years of life is associated with higher blood pressure and insulin resistance without increased adiposity in childhood: the GUSTO cohort study. International Journal of Epidemiology, 2020, 49, 1591-1603.	1.9	23
13	Maternal glycemia during pregnancy and offspring abdominal adiposity measured by MRI in the neonatal period and preschool years: The Growing Up in Singapore Towards healthy Outcomes (GUSTO) prospective motherâ€“offspring birth cohort study. American Journal of Clinical Nutrition, 2020, 112, 39-47.	4.7	18
14	High Maternal Circulating Cotinine During Pregnancy is Associated With Persistently Shorter Stature From Birth to Five Years in an Asian Cohort. Nicotine and Tobacco Research, 2019, 21, 1103-1112.	2.6	18
15	An initial investigation of neonatal neuroanatomy, caregiving, and levels of disorganized behavior. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 16787-16792.	7.1	15
16	Evolutionary and developmental mismatches are consequences of adaptive developmental plasticity in humans and have implications for later disease risk. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180109.	4.0	71
17	Infant body mass index peak and early childhood cardio-metabolic risk markers in a multi-ethnic Asian birth cohort. International Journal of Epidemiology, 2017, 46, dyw232.	1.9	39
18	Effects of Antenatal Maternal Depressive Symptoms and Socio-Economic Status on Neonatal Brain Development are Modulated by Genetic Risk. Cerebral Cortex, 2017, 27, 3080-3092.	2.9	90

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19	ANRIL Promoter DNA Methylation: A Perinatal Marker for Later Adiposity. EBioMedicine, 2017, 19, 60-72.	6.1	65
20	Developmental pathways to adiposity begin before birth and are influenced by genotype, prenatal environment and epigenome. BMC Medicine, 2017, 15, 50.	5.5	97
21	Molecular Evidence for Differential Long-term Outcomes of Early Life Severe Acute Malnutrition. EBioMedicine, 2017, 18, 274-280.	6.1	15
22	Maternal hyperglycemia in singleton pregnancies conceived by IVF may be modified by first-trimester BMI. Human Reproduction, 2017, 32, 1941-1947.	0.9	17
23	Estimation of fat-free mass in Asian neonates using bioelectrical impedance analysis. British Journal of Nutrition, 2016, 115, 1033-1042.	2.3	18
24	Abdominal adipose tissue compartments vary with ethnicity in Asian neonates: Growing Up in Singapore Toward Healthy Outcomes birth cohort study. American Journal of Clinical Nutrition, 2016, 103, 1311-1317.	4.7	29
25	Nutritional and Metabolic Adaptation. , 2016, , 205-236.		1
26	Associations of gestational glycemia and prepregnancy adiposity with offspring growth and adiposity in an Asian population. American Journal of Clinical Nutrition, 2015, 102, 1104-1112.	4.7	38
27	Glucose Metabolism in Adult Survivors of Severe Acute Malnutrition. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 2233-2240.	3.6	45
28	Cohort Profile: Growing Up in Singapore Towards healthy Outcomes (GUSTO) birth cohort study. International Journal of Epidemiology, 2014, 43, 1401-1409.	1.9	374
29	Effect of Maternal Glycemia on Neonatal Adiposity in a Multiethnic Asian Birth Cohort. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 240-247.	3.6	50
30	The biology of developmental plasticity and the Predictive Adaptive Response hypothesis. Journal of Physiology, 2014, 592, 2357-2368.	2.9	371
31	Policy: The art of science advice to government. Nature, 2014, 507, 163-165.	27.8	135
32	Prenatal Maternal Depression Associates with Microstructure of Right Amygdala in Neonates at Birth. Biological Psychiatry, 2013, 74, 837-844.	1.3	221
33	Morphology and microstructure of subcortical structures at birth: A large-scale Asian neonatal neuroimaging study. NeuroImage, 2013, 65, 315-323.	4.2	31
34	Gestational Diabetes, Maternal Obesity, and the NCD Burden. Clinical Obstetrics and Gynecology, 2013, 56, 633-641.	1.1	52
35	Developmental Plasticity, Epigenetics and Human Health. Evolutionary Biology, 2012, 39, 650-665.	1.1	40
36	Prenatal Factors Contribute to the Emergence of Kwashiorkor or Marasmus in Severe Undernutrition: Evidence for the Predictive Adaptation Model. PLoS ONE, 2012, 7, e35907.	2.5	68

#	Article	IF	Citations
37	Epigenetic Gene Promoter Methylation at Birth Is Associated With Childâ€™s Later Adiposity. Diabetes, 2011, 60, 1528-1534.	0.6	678
38	Developing a Curriculum for Evolutionary Medicine: Case Studies of Scurvy and Female Reproductive Tract Cancers. Evolution: Education and Outreach, 2011, 4, 595-602.	0.8	7
39	Developmental origins of metabolic disease: life course and intergenerational perspectives. Trends in Endocrinology and Metabolism, 2010, 21, 199-205.	7.1	422
40	A model for phenotype change in a stochastic framework. Mathematical Biosciences and Engineering, 2010, 7, 719-728.	1.9	6
41	Effect of In Utero and Early-Life Conditions on Adult Health and Disease. New England Journal of Medicine, 2008, 359, 61-73.	27.0	3,171
42	Environmental influences during development and their later consequences for health and disease: implications for the interpretation of empirical studies. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 671-677.	2.6	366
43	Predictive adaptive responses and human evolution. Trends in Ecology and Evolution, 2005, 20, 527-533.	8.7	582
44	Developmental plasticity and human health. Nature, 2004, 430, 419-421.	27.8	1,529
45	Maternal constraint of fetal growth and its consequences. Seminars in Fetal and Neonatal Medicine, 2004, 9, 419-425.	2.3	281
46	The developmental origins of the metabolic syndrome. Trends in Endocrinology and Metabolism, 2004, 15, 183-187.	7.1	585
47	Fetal origins of hyperphagia, obesity, and hypertension and postnatal amplification by hypercaloric nutrition. American Journal of Physiology - Endocrinology and Metabolism, 2000, 279, E83-E87.	3.5	824