

Peter D Gluckman

List of Publications by Year in descending order

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Version: 2024-02-01

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	Effect of In Utero and Early-Life Conditions on Adult Health and Disease. <i>New England Journal of Medicine</i> , 2008, 359, 61-73.	27.0	3,171
2	Developmental plasticity and human health. <i>Nature</i> , 2004, 430, 419-421.	27.8	1,529
3	Fetal origins of hyperphagia, obesity, and hypertension and postnatal amplification by hypercaloric nutrition. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2000, 279, E83-E87.	3.5	824
4	Epigenetic Gene Promoter Methylation at Birth Is Associated With Child's Later Adiposity. <i>Diabetes</i> , 2011, 60, 1528-1534.	0.6	678
5	The developmental origins of the metabolic syndrome. <i>Trends in Endocrinology and Metabolism</i> , 2004, 15, 183-187.	7.1	585
6	Predictive adaptive responses and human evolution. <i>Trends in Ecology and Evolution</i> , 2005, 20, 527-533.	8.7	582
7	Developmental origins of metabolic disease: life course and intergenerational perspectives. <i>Trends in Endocrinology and Metabolism</i> , 2010, 21, 199-205.	7.1	422
8	Cohort Profile: Growing Up in Singapore Towards healthy Outcomes (GUSTO) birth cohort study. <i>International Journal of Epidemiology</i> , 2014, 43, 1401-1409.	1.9	374
9	The biology of developmental plasticity and the Predictive Adaptive Response hypothesis. <i>Journal of Physiology</i> , 2014, 592, 2357-2368.	2.9	371
10	Environmental influences during development and their later consequences for health and disease: implications for the interpretation of empirical studies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 671-677.	2.6	366
11	Maternal constraint of fetal growth and its consequences. <i>Seminars in Fetal and Neonatal Medicine</i> , 2004, 9, 419-425.	2.3	281
12	Prenatal Maternal Depression Associates with Microstructure of Right Amygdala in Neonates at Birth. <i>Biological Psychiatry</i> , 2013, 74, 837-844.	1.3	221
13	Policy: The art of science advice to government. <i>Nature</i> , 2014, 507, 163-165.	27.8	135
14	Developmental pathways to adiposity begin before birth and are influenced by genotype, prenatal environment and epigenome. <i>BMC Medicine</i> , 2017, 15, 50.	5.5	97
15	Effects of Antenatal Maternal Depressive Symptoms and Socio-Economic Status on Neonatal Brain Development are Modulated by Genetic Risk. <i>Cerebral Cortex</i> , 2017, 27, 3080-3092.	2.9	90
16	Evolutionary and developmental mismatches are consequences of adaptive developmental plasticity in humans and have implications for later disease risk. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180109.	4.0	71
17	Prenatal Factors Contribute to the Emergence of Kwashiorkor or Marasmus in Severe Undernutrition: Evidence for the Predictive Adaptation Model. <i>PLoS ONE</i> , 2012, 7, e35907.	2.5	68
18	ANRIL Promoter DNA Methylation: A Perinatal Marker for Later Adiposity. <i>EBioMedicine</i> , 2017, 19, 60-72.	6.1	65

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19	Gestational Diabetes, Maternal Obesity, and the NCD Burden. <i>Clinical Obstetrics and Gynecology</i> , 2013, 56, 633-641.	1.1	52
20	Effect of Maternal Glycemia on Neonatal Adiposity in a Multiethnic Asian Birth Cohort. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 240-247.	3.6	50
21	Glucose Metabolism in Adult Survivors of Severe Acute Malnutrition. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 2233-2240.	3.6	45
22	Brokerage at the science–policy interface: from conceptual framework to practical guidance. <i>Humanities and Social Sciences Communications</i> , 2021, 8, .	2.9	45
23	Developmental Plasticity, Epigenetics and Human Health. <i>Evolutionary Biology</i> , 2012, 39, 650-665.	1.1	40
24	Infant body mass index peak and early childhood cardio-metabolic risk markers in a multi-ethnic Asian birth cohort. <i>International Journal of Epidemiology</i> , 2017, 46, dyw232.	1.9	39
25	Associations of gestational glycemia and prepregnancy adiposity with offspring growth and adiposity in an Asian population. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 1104-1112.	4.7	38
26	Morphology and microstructure of subcortical structures at birth: A large-scale Asian neonatal neuroimaging study. <i>NeuroImage</i> , 2013, 65, 315-323.	4.2	31
27	Abdominal adipose tissue compartments vary with ethnicity in Asian neonates: Growing Up in Singapore Toward Healthy Outcomes birth cohort study. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 1311-1317.	4.7	29
28	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. <i>International Journal of Epidemiology</i> , 2020, 49, 1591-1603.	1.9	23
29	Maternal Glycemic Dysregulation During Pregnancy and Neonatal Blood DNA Methylation: Meta-analyses of Epigenome-Wide Association Studies. <i>Diabetes Care</i> , 2022, 45, 614-623.	8.6	19
30	Estimation of fat-free mass in Asian neonates using bioelectrical impedance analysis. <i>British Journal of Nutrition</i> , 2016, 115, 1033-1042.	2.3	18
31	High Maternal Circulating Cotinine During Pregnancy is Associated With Persistently Shorter Stature From Birth to Five Years in an Asian Cohort. <i>Nicotine and Tobacco Research</i> , 2019, 21, 1103-1112.	2.6	18
32	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 mother–offspring birth cohort study. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 39-47.	4.7	18
33	Maternal hyperglycemia in singleton pregnancies conceived by IVF may be modified by first-trimester BMI. <i>Human Reproduction</i> , 2017, 32, 1941-1947.	0.9	17
34	Molecular Evidence for Differential Long-term Outcomes of Early Life Severe Acute Malnutrition. <i>EBioMedicine</i> , 2017, 18, 274-280.	6.1	15
35	An initial investigation of neonatal neuroanatomy, caregiving, and levels of disorganized behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16787-16792.	7.1	15
36	High placental inositol content associated with suppressed pro-adipogenic effects of maternal glycaemia in offspring: the GUSTO cohort. <i>International Journal of Obesity</i> , 2021, 45, 247-257.	3.4	13

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37	Determinants of intramyocellular lipid accumulation in early childhood. <i>International Journal of Obesity</i> , 2020, 44, 1141-1151.	3.4	10
38	Developing a Curriculum for Evolutionary Medicine: Case Studies of Scurvy and Female Reproductive Tract Cancers. <i>Evolution: Education and Outreach</i> , 2011, 4, 595-602.	0.8	7
39	A model for phenotype change in a stochastic framework. <i>Mathematical Biosciences and Engineering</i> , 2010, 7, 719-728.	1.9	6
40	Breastfeeding may benefit cardiometabolic health of children exposed to increased gestational glycemia in utero. <i>European Journal of Nutrition</i> , 2022, 61, 2383-2395.	3.9	6
41	The Kynurenine Pathway Metabolites in Cord Blood Positively Correlate With Early Childhood Adiposity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e2464-e2473.	3.6	6
42	A model of optimal timing for a predictive adaptive response. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, , 1-7.	1.4	4
43	Neonatal amygdala microstructure mediates the relationship between gestational glycemia and offspring adiposity. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e001396.	2.8	3
44	Left lateralization of neonatal caudate microstructure affects emerging language development at 24 months. <i>European Journal of Neuroscience</i> , 2021, 54, 4621-4637.	2.6	3
45	Epigenetic and Developmental Basis of Risk of Obesity and Metabolic Disease. , 2021, , 289-313.		2
46	Nutritional and Metabolic Adaptation. , 2016, , 205-236.		1
47	Policy and political perceptions of risk: the challenges to building resilient energy systems. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2022, 380, 20210146.	3.4	1