Clive J Petry

List of Publications by Year
in descending order

79 papers	3,432 citations	159358 30 h-index	143772 57 g-index
82 all docs	82 docs citations	82 times ranked	3536 citing authors

#	Article	IF	Citations
1	Opposing Influences of Prenatal and Postnatal Weight Gain on Adrenarche in Normal Boys and Girls. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 2647-2651.	1.8	251
2	Insulin sensitivity and secretion in normal children related to size at birth, postnatal growth, and plasma insulin-like growth factor-I levels. Diabetologia, 2004, 47, 1064-70.	2.9	235
3	Diabetes in Old Male Offspring of Rat Dams Fed a Reduced Protein Diet. International Journal of Experimental Diabetes Research, 2001, 2, 139-143.	1.0	229
4	Early growth restriction leads to down regulation of protein kinase C zeta and insulin resistance in skeletal muscle. Journal of Endocrinology, 2003, 177, 235-241.	1.2	217
5	Gestational diabetes: risk factors and recent advances in its genetics and treatment. British Journal of Nutrition, 2010, 104, 775-787.	1.2	145
6	Effect of maternal iron restriction during pregnancy on renal morphology in the adult rat offspring. British Journal of Nutrition, 2003, 90, 33-39.	1.2	132
7	Early Protein Restriction and Obesity Independently Induce Hypertension in 1-Year-Old Rats. Clinical Science, 1997, 93, 147-152.	1.8	116
8	Effects of maternal iron restriction in the rat on blood pressure, glucose tolerance, and serum lipids in the 3-month-old offspring. Metabolism: Clinical and Experimental, 2001, 50, 562-567.	1.5	113
9	Cell Proliferation Activities on Skin Fibroblasts from a Short Child with Absence of One Copy of the Type 1 Insulin-Like Growth Factor Receptor (IGF1R) Gene and a Tall Child with Three Copies of the IGF1R Gene. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 5981-5988.	1.8	111
10	The Association between the FTO Gene and Fat Mass in Humans Develops by the Postnatal Age of Two Weeks. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 1501-1505.	1.8	110
11	Association of aromatase (CYP 19) gene variation with features of hyperandrogenism in two populations of young women. Human Reproduction, 2005, 20, 1837-1843.	0.4	98
12	Long-term programming of blood pressure by maternal dietary iron restriction in the rat. British Journal of Nutrition, 2002, 88, 283-290.	1.2	82
13	Maternal low protein diet in rats programmes fatty acid desaturase activities in the offspring. Diabetologia, 1998, 41, 1337-1342.	2.9	77
14	Programming of intermediary metabolism. Molecular and Cellular Endocrinology, 2001, 185, 81-91.	1.6	76
15	Common polymorphism in H19 associated with birthweight and cord blood IGF-II levels in humans. BMC Genetics, 2005, 6, 22.	2.7	72
16	Does the fetal genotype affect maternal physiology during pregnancy?. Trends in Molecular Medicine, 2007, 13, 414-421.	3.5	69
17	Catecholamine levels and receptor expression in low protein rat offspring. Diabetic Medicine, 2000, 17, 848-853.	1.2	62
18	Maternal-Fetal Interactions and Birth Order Influence Insulin Variable Number of Tandem Repeats Allele Class Associations with Head Size at Birth and Childhood Weight Gain. Diabetes, 2004, 53, 1128-1133.	0.3	62

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19	Human Milk Short-Chain Fatty Acid Composition is Associated with Adiposity Outcomes in Infants. Journal of Nutrition, 2019, 149, 716-722.	1.3	57
20	An Unbiased Lipidomics Approach Identifies Early Second Trimester Lipids Predictive of Maternal Glycemic Traits and Gestational Diabetes Mellitus. Diabetes Care, 2016, 39, 2232-2239.	4.3	56
21	Sex-Discordant Associations With Adiponectin Levels and Lipid Profiles in Children. Diabetes, 2006, 55, 1337-1341.	0.3	55
22	Maternal low-protein diet programs cardiac Î²-adrenergic response and signaling in 3-mo-old male offspring. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 291, R429-R436.	0.9	55
23	Dissection of the metabolic actions of insulin in adipocytes from early growth-retarded male rats. Journal of Endocrinology, 1999, 162, 313-319.	1.2	54
24	Effects of Early Protein Restriction and Adult Obesity on Rat Pancreatic Hormone Content and Glucose Tolerance. Hormone and Metabolic Research, 2000, 32, 233-239.	0.7	51
25	Long-term effects on offspring of intrauterine exposure to deficits in nutrition. Human Reproduction Update, 2000, 6, 578-586.	5.2	48
26	Raised Late Pregnancy Glucose Concentrations in Mice Carrying Pups With Targeted Disruption of H19Â13. Diabetes, 2010, 59, 282-286.	0.3	44
27	Associations of vomiting and antiemetic use in pregnancy with levels of circulating GDF15 early in the second trimester: A nested case-control study. Wellcome Open Research, 2018, 3, 123.	0.9	40
28	Depot-Specific Effects of Early Growth Retardation on Adipocyte Insulin Action. Hormone and Metabolic Research, 2000, 32, 71-75.	0.7	37
29	Altered triglyceride and phospholipid metabolism predates the diagnosis of gestational diabetes in obese pregnancy. Molecular Omics, 2019, 15, 420-430.	1.4	34
30	Ketosis resistance in the male offspring of protein-malnourished rat dams. Metabolism: Clinical and Experimental, 1998, 47, 1450-1454.	1.5	32
31	Genetics of Size at Birth. Diabetes Care, 2007, 30, S150-S155.	4.3	32
32	Associations Between Paternally Transmitted Fetal IGF2 Variants and Maternal Circulating Glucose Concentrations in Pregnancy. Diabetes, 2011, 60, 3090-3096.	0.3	32
33	Genetic Variations and Normal Fetal Growth. Hormone Research in Paediatrics, 2006, 65, 34-40.	0.8	31
34	Early and late nutritional windows for diabetes susceptibility. Proceedings of the Nutrition Society, 1997, 56, 233-242.	0.4	30
35	Maternally transmitted foetal H19 variants and associations with birth weight. Human Genetics, 2011, 130, 663-670.	1.8	26
36	Associations Between Fetal Imprinted Genes and Maternal Blood Pressure in Pregnancy. Hypertension, 2016, 68, 1459-1466.	1.3	25

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37	The Insulin Gene Variable Number of Tandem Repeat: Associations and Interactions with Childhood Body Fat Mass and Insulin Secretion in Normal Children. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 2770-2775.	1.8	23
38	Reduced size at birth and persisting reductions in adiposity in recent, compared with earlier, cohorts of infants born to mothers with gestational diabetes mellitus. Diabetologia, 2019, 62, 1977-1987.	2.9	23
39	Genetic variation in the type 2 insulin-like growth factor receptor gene and disparity in childhood height. Growth Hormone and IGF Research, 2005, 15, 363-368.	0.5	21
40	Ghrelin Receptor Gene Polymorphisms and Body Size in Children and Adults. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 4158-4161.	1.8	21
41	Insulin gene VNTR genotype is associated with insulin sensitivity and secretion in infancy. Clinical Endocrinology, 2003, 59, 599-603.	1.2	20
42	Associations between a fetal imprinted gene allele score and late pregnancy maternal glucose concentrations. Diabetes and Metabolism, 2017, 43, 323-331.	1.4	20
43	Vomiting in pregnancy is associated with a higher risk of low birth weight: a cohort study. BMC Pregnancy and Childbirth, 2018, 18, 133.	0.9	18
44	Early Pregnancy-Associated Plasma Protein A Concentrations Are Associated With Third Trimester Insulin Sensitivity. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 2000-2008.	1.8	18
45	Associations between common variation in the aromatase gene promoter region and testosterone concentrations in two young female populations. Journal of Steroid Biochemistry and Molecular Biology, 2006, 98, 199-206.	1.2	16
46	Lack of association between common polymorphisms in the 17Î²-hydroxysteroid dehydrogenase type V gene (HSD17B5) and precocious pubarche. Journal of Steroid Biochemistry and Molecular Biology, 2007, 105, 176-180.	1.2	16
47	Association analysis of the IGF1 gene with childhood growth, IGF-1 concentrations and type 1 diabetes. Diabetologia, 2008, 51, 811-815.	2.9	16
48	The potential impact of the fetal genotype on maternal blood pressure during pregnancy. Journal of Hypertension, 2014, 32, 1553-1561.	0.3	16
49	Age at menarche and the future risk of gestational diabetes: a systematic review and dose response meta-analysis. Acta Diabetologica, 2018, 55, 1209-1219.	1.2	16
50	Suckling a protein-restricted rat dam leads to diminished albuminuria in her male offspring in adult life: a longitudinal study. BMC Nephrology, 2006, 7, 14.	0.8	14
51	Association between a Common Variant near MC4R and Change in Body Mass Index Develops by Two Weeks of Age. Hormone Research in Paediatrics, 2010, 73, 275-280.	0.8	13
52	Temporal trends without seasonal effects on gestational diabetes incidence relate to reductions in indices of insulin secretion: the Cambridge Baby Growth Study. Acta Diabetologica, 2019, 56, 1133-1140.	1.2	13
53	Fetal Programming of Perivenous Glucose Uptake Reveals a Regulatory Mechanism Governing Hepatic Glucose Output During Refeeding. Diabetes, 2003, 52, 1326-1332.	0.3	11
54	Efficacy of metformin therapy in adolescent girls with androgen excess: relation to sex hormoneâ€“binding globulin and androgen receptor polymorphisms. Fertility and Sterility, 2010, 94, 2800-2803.e1.	0.5	11

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55	Associations between the maternal circulating lipid profile in pregnancy and fetal imprinted gene alleles: a cohort study. Reproductive Biology and Endocrinology, 2018, 16, 82.	1.4	11
56	Age at menarche and blood pressure in pregnancy. Pregnancy Hypertension, 2019, 15, 134-140.	0.6	11
57	The association between age at menarche and later risk of gestational diabetes is mediated by insulin resistance. Acta Diabetologica, 2018, 55, 853-859.	1.2	10
58	Methylation of the C19MC microRNA locus in the placenta: association with maternal and childhood body size. International Journal of Obesity, 2020, 44, 13-22.	1.6	10
59	Multiple Micronutrient Supplementation during Pregnancy and Increased Birth Weight and Skinfold Thicknesses in the Offspring: The Cambridge Baby Growth Study. Nutrients, 2020, 12, 3466.	1.7	10
60	Associations between bacterial infections and blood pressure in pregnancy. Pregnancy Hypertension, 2017, 10, 202-206.	0.6	9
61	Associations between Maternal Iron Supplementation in Pregnancy and Changes in Offspring Size at Birth Reflect Those of Multiple Micronutrient Supplementation. Nutrients, 2021, 13, 2480.	1.7	9
62	Temporal Trends in Maternal Food Intake Frequencies and Associations with Gestational Diabetes: The Cambridge Baby Growth Study. Nutrients, 2019, 11, 2822.	1.7	8
63	Early growth restriction, membrane phospholipid fatty acid composition, and insulin sensitivity. Metabolism: Clinical and Experimental, 2001, 50, 1070-1077.	1.5	7
64	Extensive Study of Breast Milk and Infant Growth: Protocol of the Cambridge Baby Growth and Breastfeeding Study (CBGS-BF). Nutrients, 2021, 13, 2879.	1.7	7
65	Pregnancy Serum DLK1 Concentrations Are Associated With Indices of Insulin Resistance and Secretion. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e2413-e2422.	1.8	6
66	Common polymorphic variation in the genetically diverse African insulin gene and its association with size at birth. Human Genetics, 2009, 126, 375-384.	1.8	5
67	Increased Placental Glucose Transport Rates in Pregnant Mice Carrying Fetuses with Targeted Disruption of Their Placental-SpecificIgf2Transcripts Are Not Associated with Raised Circulating Glucose Concentrations. Experimental Diabetes Research, 2011, 2011, 1-5.	3.8	4
68	Nutrition for Gestational Diabetesâ€"Progress and Potential. Nutrients, 2020, 12, 2685.	1.7	4
69	Folic acid supplementation during pregnancy and associations with offspring size at birth and adiposity: a cohort study. BMC Research Notes, 2021, 14, 160.	0.6	4
70	Insulin resistance after precocious pubarche: relation to PAI-1?675 4G/5G polymorphism, and opposing influences of prenatal and postnatal weight gain. Clinical Endocrinology, 2007, 67, 070607050851001-???.	1.2	3
71	Increased basal insulin sensitivity in late pregnancy in women carrying a male fetus: a cohort study. Biology of Sex Differences, 2022, 13, 20.	1.8	3
72	The influence of maternal pregnancy glucose concentrations on associations between a fetal imprinted gene allele score and offspring size at birth. BMC Research Notes, 2018, 11, 821.	0.6	2

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73	The High-Risk Type 1 Diabetes HLA-DR and HLA-DQ Polymorphisms Are Differentially Associated With Growth and IGF-I Levels in Infancy: The Cambridge Baby Growth Study. Diabetes Care, 2021, 44, 1852-1859.	4.3	2
74	Associations between maternal iron supplementation in pregnancy and offspring growth and cardiometabolic risk outcomes in infancy and childhood. PLoS ONE, 2022, 17, e0263148.	1.1	1
75	Glycated 6-Aminohexanoic Acidâ€"An Improved Calibrator for the Serum Fructosamine Assay. Annals of Clinical Biochemistry, 1993, 30, 410-412.	0.8	0
76	Toronto meeting celebrates 75-year legacy of Banting and Best. Lancet, The, 1996, 348, 1089.	6.3	0
77	Postnatal and Adult Insulin Sensitivity and Metabolism in Progeny of Nutritionally Compromised Mothers. , 2013, , 363-376.		0
78	Future Prospects for Gestational Diabetes. , 2014, , 195-222.		0
79	Genetic Control of Size at Birth. , 2005, , 27-39.		0