

# CITATION REPORT

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Birth weight and adult hypertension, diabetes mellitus,  
and obesity in US men

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702	Periods of risk in childhood for the development of adult obesity--what do we need to learn?. <b>1997</b> , 127, 1884S-1886S		203
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697	Role of the prenatal environment in the development of obesity. <b>1998</b> , 132, 768-76		263
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695	Contribution of parental blood pressures to association between low birth weight and adult high blood pressure: cross sectional study. <b>1998</b> , 316, 834-7		74
694	Physiologic Programming of the Fetus. <b>1998</b> , 25, 939-962		152
693	Ageing: Minimizing Free Radical Damage. <b>1999</b> , 2, 15-36		21
692	A population-based cohort study of the relation between maternal birthweight and risk of gestational diabetes mellitus in four racial/ethnic groups. <b>1999</b> , 13, 452-65		45
691	Free Radical Theory of Aging: Increasing the Average Life Expectancy at Birth and the Maximum Life Span. <b>1999</b> , 2, 199-208		13
690	Obesity at the age of 50 y in men and women exposed to famine prenatally. <b>1999</b> , 70, 811-6		900
689	What Is the Role of Obesity in Hypertension and Target Organ Injury in African Americans?. <b>1999</b> , 317, 147-151		11
688	Early-life programming of susceptibility to dysregulation of glucose metabolism and the development of Type 2 diabetes mellitus. <b>2000</b> , 349 Pt 3, 657-65		114
687	References. <b>2000</b> , 21, 82-88		
686	Birth weight relates to blood pressure and microvascular function in normal subjects. <b>2000</b> , 18, 1421-7		37

685	The role of size at birth and postnatal catch-up growth in determining systolic blood pressure: a systematic review of the literature. <b>2000</b> , 18, 815-31	786
684	The cause of the epidemic of type 2 diabetes in children. <b>2000</b> , 7, 191-196	8
683	Fetal origins of adult hypertension: a renal mechanism?. <b>2000</b> , 9, 419-25	51
682	Relationship between weight at birth and the number and size of renal glomeruli in humans: a histomorphometric study. <b>2000</b> , 58, 770-3	413
681	Glucocorticoids, 11beta-hydroxysteroid dehydrogenase, and fetal programming. <b>2000</b> , 57, 1412-7	179
680	The fetal origin of adult disease: from sceptic to convert. <b>2000</b> , 14, 192-3	31
679	Effect of sterols and fatty acids on growth and triglyceride accumulation in 3T3-L1 cells. <b>2000</b> , 11, 153-8	32
678	Birth weight, climate at birth and the risk of obesity in adult life. <b>2000</b> , 24, 281-7	87
677	Relation of birth weight to lean and fat thigh tissue in young men. <b>2000</b> , 24, 667-72	66
676	Relationship between birth weight and body composition, energy metabolism, and sympathetic nervous system activity later in life. <b>2000</b> , 8, 559-65	45
675	Alzheimer's disease: A hypothesis on pathogenesis. <b>2000</b> , 23, 147-61	9
674	Prenatal compared with parental origins of adolescent fatness. <b>2000</b> , 72, 1186-90	38
673	Early risk factors for increased adiposity: a cohort study of African American subjects followed from birth to young adulthood. <b>2000</b> , 72, 378-83	124
672	G protein in very low birth-weight infants. <b>2000</b> , 356, 254	2
671	Fetal growth is not associated with early onset of severe retinopathy in type 1 diabetes mellitus. <b>2000</b> , 48, 61-5	3
670	Glucocorticoid programming of pituitary-adrenal function: mechanisms and physiological consequences. <b>2001</b> , 6, 319-29	63
669	Glucocorticoid programming of the fetus; adult phenotypes and molecular mechanisms. <b>2001</b> , 185, 61-71	322
668	Perinatal origin of adult disease. <b>2001</b> , 35, 178-85	9

667	The thrifty phenotype hypothesis. <b>2001</b> , 60, 5-20	1808
666	Preventing obesity in children and adolescents. <b>2001</b> , 22, 337-53	394
665	From "thrifty genotype" to "hefty fetal phenotype": the relationship between high birthweight and diabetes in Saskatchewan Registered Indians. <b>2001</b> , 92, 340-4	55
664	Obesity and hypertension: cause or consequence?. <b>2001</b> , 19, 2125-6	7
663	Early nutrition and risk of disease in the adult. <b>2001</b> , 4, 1335-6	26
662	Genetic and Non-Genetic Factors Affecting Birth-Weight and Adult Body Mass Index. <b>2001</b> , 4, 365-370	18
661	From farm to table to brain: foodborne pathogen infection and the potential role of the neuro-immune-endocrine system in neurotoxic sequelae. <b>2001</b> , 4, 333-74	3
660	Early nutrition and later adiposity. <b>2001</b> , 131, 874S-880S	157
659	Type 2 diabetes in children. <b>2001</b> , 1, 19-27	39
658	Foetale programming: consequenties op volwassen leeftijd. <b>2001</b> , 69, 112-116	1
657	Birth weight and risk of renal cell cancer. <b>2001</b> , 59, 1110-3	12
656	Size at birth, childhood growth and obesity in adult life. <b>2001</b> , 25, 735-40	251
655	Birth weight and body composition in young adult men--a prospective twin study. <b>2001</b> , 25, 1537-45	102
654	Inverse association of overweight and breast feeding in 9 to 10-y-old children in Germany. <b>2001</b> , 25, 1644-50	75
653	Birthweight and the future risk of cardiovascular disease: does intrauterine malnutrition have a role in fetal programming?. <b>2001</b> , 138, 378-86	5
652	Body size at birth and blood pressure among children in developing countries. <b>2001</b> , 30, 52-7	93
651	Weighing in on type 2 diabetes in the military: characteristics of U.S. military personnel at entry who develop type 2 diabetes. <b>2001</b> , 24, 1894-8	28
650	Fetal and early life growth and body mass index from birth to early adulthood in 1958 British cohort: longitudinal study. <b>2001</b> , 323, 1331-5	336

649	Impaired microvascular vasodilatory function in 3-month-old infants of low birth weight. <b>2001</b> , 24, 1102-7	52
648	Maternal smoking during pregnancy and obesity in the offspring. <b>2002</b> , 31, 420-1	15
647	Body mass index, abdominal adiposity and blood pressure: consistency of their association across developing and developed countries. <b>2002</b> , 26, 48-57	185
646	Prevalence and risk factors for overweight and obesity in children from Seychelles, a country in rapid transition: the importance of early growth. <b>2002</b> , 26, 214-9	74
645	Early differential defects of insulin secretion and action in 19-year-old caucasian men who had low birth weight. <b>2002</b> , 51, 1271-80	157
644	Birthweight, childhood growth and hypertension in adulthood. <b>2002</b> , 31, 1043-51	43
643	Birthweight and risk for diabetes. <b>2002</b> , 25, 1886	7
642	Infant weight gain and childhood overweight status in a multicenter, cohort study. <b>2002</b> , 109, 194-9	525
641	Hypertension in adults: growth and social circumstances. <b>2002</b> , 20, 1929-32	
640	Birth weight and body composition in young women: a prospective twin study. <b>2002</b> , 75, 676-82	103
639	Early nutrition and leptin concentrations in later life. <b>2002</b> , 75, 993-9	177
638	Increasing incidence of type 2 diabetes in children and adolescents: treatment considerations. <b>2002</b> , 4, 209-21	46
637	Unravelling the fetal origins hypothesis. <b>2002</b> , 360, 2073-4; author reply 2074-5	4
636	Fetal nutrition and insulin sensitivity: The genetic and environmental aspects of "thrifty". <b>2002</b> , 141, 459-62	11
635	Cardiovascular disease risk factors are related to adult adiposity but not birth weight in young guatemalan adults. <b>2002</b> , 132, 2208-14	33
634	Development of beta-cell mass in fetuses of rats deprived of protein and/or energy in last trimester of pregnancy. <b>2002</b> , 283, R623-30	50
633	Upregulation of renal BSC1 and TSC in prenatally programmed hypertension. <b>2002</b> , 283, F202-6	159
632	Critical periods in human growth and their relationship to diseases of aging. <b>2002</b> , Suppl 35, 159-84	235

- 631 Obesity in children and adolescents in Cyprus. Prevalence and predisposing factors. **2002**, 26, 1036-45 52
- 630 Qu'ın est-il de la relation entre d'ıne part le poids de naissance et d'ıautre part le risque de cardiopathie isch'ımique et d'ıl'ıation de la pression art'ırielle chez l'ıadulte ?. **2003**, 16, 240-245
- 629 Early life risk factors in cancer: the relation of birth weight to adult obesity. **2003**, 103, 789-91 47
- 628 Physical growth in a transitional economy: the aftermath of South African apartheid. **2003**, 1, 29-42 31
- 627 Birthweight and relationship with infant, child and adult mortality in the Jerusalem perinatal study. **2003**, 17, 398-406 22
- 626 Is birth weight related to later glucose and insulin metabolism?--A systematic review. **2003**, 20, 339-48 311
- 625 The influence of birthweight and intrauterine environment on adiposity and fat distribution in later life. **2003**, 27, 755-77 300
- 624 Inhibition of 11 beta-hydroxysteroid dehydrogenase type 2 by dithiocarbamates. **2003**, 308, 257-62 75
- 623 Association of birth weight and breast-feeding with coronary heart disease risk factors at the age of 6 years. **2003**, 13, 267-72 17
- 622 Maternal low birth weight and gestational hyperglycemia. **2003**, 17, 133-136 8
- 621 Low birth weight and high birth weight infants are both at an increased risk to have type 2 diabetes among schoolchildren in taiwan. **2003**, 26, 343-8 211
- 620 Relationship between birthweight and blood lipid concentrations in later life: evidence from the existing literature. **2003**, 32, 862-76 71
- 619 Early life predictors of chronic disease. **2003**, 12, 157-61 24
- 618 Maternal gestational diabetes, birth weight, and adolescent obesity. **2003**, 111, e221-6 489
- 617 Beta-cell capacity and insulin sensitivity in prepubertal children born small for gestational age: influence of body size during childhood. **2003**, 52, 1756-60 56
- 616 Programming of rat muscle and fat metabolism by in utero overexposure to glucocorticoids. **2003**, 144, 999-1007 117
- 615 Fetal origins of cardiovascular disease. **2003**, 15, 166-70 23
- 614 Publication bias and heterogeneity in the relationship between systolic blood pressure, birth weight, and catch-up growth--a meta analysis. **2003**, 21, 273-9 26

613	Micronutrients and fetal growth. <b>2003</b> , 133, 1747S-1756S	132
612	Ethnicity modifies seasonal variations in birth weight and weight gain of infants. <b>2003</b> , 133, 1415-8	27
611	Preface. <b>2003</b> , ix-xi	
610	Patterns of change in size and body composition. <b>2003</b> , 75-110	
609	Determinants of growth. <b>2003</b> , 111-171	1
608	Secular changes in growth and maturity. <b>2003</b> , 172-187	2
607	Significance of human growth. <b>2003</b> , 188-204	
606	References. <b>2003</b> , 205-304	
605	Measurement and assessment. <b>2003</b> , 1-74	1
604	Maternal and child nutritional supplementation are inversely associated with fasting plasma glucose concentration in young Guatemalan adults. <b>2004</b> , 134, 890-7	23
603	Telomeres and telomerase in the fetal origins of cardiovascular disease: a review. <b>2004</b> , 76, 127-46	48
602	Kidney angiotensin and angiotensin receptor expression in prenatally programmed hypertension. <b>2004</b> , 287, F262-7	121
601	Role of brain and peripheral angiotensin II in hypertension and altered arterial baroreflex programmed during fetal life in rat. <b>2004</b> , 55, 1042-9	88
600	Naturally occurring intrauterine growth retardation and adult blood pressure in rats. <b>2004</b> , 56, 763-7	29
599	The metabolic syndrome: an emerging risk state for cardiovascular disease. <b>2004</b> , 9, 55-68	33
598	Glucocorticoid exposure in late gestation in the rat permanently programs gender-specific differences in adult cardiovascular and metabolic physiology. <b>2004</b> , 287, E863-70	174
597	Fetal Origins of Adult Disease. <b>2004</b> , 5, e511-e515	1
596	Obesity in children and young people: a crisis in public health. <b>2004</b> , 5 Suppl 1, 4-104	2497

595	Programming of adult blood pressure by maternal protein restriction: role of nephrogenesis. <b>2004</b> , 65, 1339-48	283
594	Association between size at birth, truncal fat and obesity in adult life and its contribution to blood pressure and coronary heart disease; study in a high birth weight population. <b>2004</b> , 58, 812-8	27
593	Beverage consumption is not associated with changes in weight and body mass index among low-income preschool children in North Dakota. <b>2004</b> , 104, 1086-94	181
592	Glucocorticoid programming. <b>2004</b> , 1032, 63-84	491
591	Perinatale Einflüsse auf das Adipositasrisiko. <b>2004</b> , 152, 843-848	3
590	Birth weight and cardiovascular risk factors in a cohort followed until 80 years of age: the study of men born in 1913. <b>2004</b> , 255, 236-46	50
589	Living with the past: evolution, development, and patterns of disease. <b>2004</b> , 305, 1733-6	1423
588	Endogenous glucose production, insulin sensitivity, and insulin secretion in normal glucose-tolerant Pima Indians with low birth weight. <b>2004</b> , 53, 904-11	20
587	The intrauterine environmental adipogenesis. <b>2004</b> , 144, 551; author reply 551-2	2
586	Reply. <b>2004</b> , 144, 551-552	2
585	Physiology, genetics, and cardiovascular disease: focus on African Americans. <b>2004</b> , 6, 11-8	17
584	Strategies for prevention and management of hypertension throughout life. <b>2004</b> , 14, 112-7	3
583	Kidney immune cell infiltration and oxidative stress contribute to prenatally programmed hypertension. <b>2005</b> , 68, 2180-8	94
582	Low birth weight, nephron number, and kidney disease. <b>2005</b> , S68-77	230
581	Changing patterns of inequality in birthweight and its determinants: a population-based study, Scotland 1980-2000. <b>2005</b> , 19, 342-51	20
580	Early origins of obesity: programming the appetite regulatory system. <b>2005</b> , 565, 9-17	152
579	Prenatal ethanol preferentially enhances reactivity of the dopamine D1 but not D2 or D3 receptors in offspring. <b>2005</b> , 27, 73-93	14
578	Maternal nutritional programming of fetal adipose tissue development: long-term consequences for later obesity. <b>2005</b> , 75, 193-9	66

577	Fetal origins of adult disease: a paediatric perspective. <b>2005</b> , 6, 261-8	48
576	Associations between prenatal and infancy weight gain and BMI, fat mass, and fat distribution in young adulthood: a prospective cohort study in males and females born very preterm. <b>2005</b> , 81, 480-7	178
575	Fetal programming of body composition: relation between birth weight and body composition measured with dual-energy X-ray absorptiometry and anthropometric methods in older Englishmen. <b>2005</b> , 82, 980-7	195
574	Relative risk of mortality associated with diabetes as a function of birth weight. <b>2005</b> , 28, 2839-43	16
573	Maternal and childhood nutrition and later blood pressure levels in young Guatemalan adults. <b>2005</b> , 34, 898-904	30
572	Early gestation dexamethasone programs enhanced postnatal ovine coronary artery vascular reactivity. <b>2005</b> , 288, R46-53	34
571	Postnatal modulation of prenatally programmed hypertension by dietary Na and ACE inhibition. <b>2005</b> , 288, R80-4	75
570	Prenatal programming of adult blood pressure: role of maternal corticosteroids. <b>2005</b> , 289, R955-62	88
569	Maternal protein intake is not associated with infant blood pressure. <b>2005</b> , 34, 378-84	24
568	Endothelial dysfunction and cardiovascular disease: the role of predictive adaptive responses. <b>2005</b> , 91, 864-6	21
567	Prenatal programming of hypertension: lessons from experimental models. <b>2005</b> , 16, 2545-56	101
566	Life-long echoes--a critical analysis of the developmental origins of adult disease model. <b>2005</b> , 87, 127-39	90
565	Developmental origins of the metabolic syndrome: prediction, plasticity, and programming. <b>2005</b> , 85, 571-633	1456
564	A birth-weight questionnaire indicated that life style modifies the birth weight and metabolic syndrome relationship at age 36. <b>2005</b> , 58, 1172-9	14
563	The impact of early nutrition in premature infants on later childhood insulin sensitivity and growth. <b>2006</b> , 118, 1943-9	79
562	Insulin resistance in pre-school very-low-birth weight pre-term children. <b>2006</b> , 32, 151-8	10
561	Developmental origins of adult metabolic disease. <b>2006</b> , 35, 193-204, viii	25
560	The Developmental Origins of Health and Disease. <b>2006</b> , 1-7	14

559	Fetal origins of adult disease. <b>2006</b> , 11, 73-8	41
558	Severe obstetric complications and birth characteristics in preterm or term delivery were accurately recalled by mothers. <b>2006</b> , 59, 429-35	91
557	Early onset of coronary artery disease after prenatal exposure to the Dutch famine. <b>2006</b> , 84, 322-327	258
556	Developmental origins of health and disease: public-health perspectives. 446-455	1
555	Birth weight and adult hypertension: cross-sectional study in a Japanese workplace population. <b>2006</b> , 70, 262-7	20
554	A new proposed guidance system for beverage consumption in the United States. <b>2006</b> , 83, 529-42	306
553	The conceptual basis for the developmental origins of health and disease. 33-50	30
552	Early onset of coronary artery disease after prenatal exposure to the Dutch famine. <b>2006</b> , 84, 322-7; quiz 466-7	209
551	The effects of prenatal exposure to undernutrition on glucose and insulin metabolism in later life. <b>2006</b> , 13, 530-535	
550	Prenatal stress reduces S100B in the neonatal rat hippocampus. <b>2006</b> , 17, 1077-80	20
549	The association of low birthweight and chronic renal failure among Medicaid young adults with diabetes and/or hypertension. <b>2006</b> , 121, 239-44	35
548	Obesity in childhood and cardiovascular risk. <b>2006</b> , 33, 831-7	60
547	Aging: overview. <b>2001</b> , 928, 1-21	297
546	The developmental origins of adult disease (Barker) hypothesis. <b>2006</b> , 46, 4-14	375
545	The short- and long-term implications of maternal obesity on the mother and her offspring. <b>2006</b> , 113, 1126-33	594
544	Discordant twin growth in utero and differences in blood pressure and endothelial function at 8 years of age. <b>2006</b> , 259, 155-63	48
543	What is the effect of adjusting for more than one measure of current body size on the relation between birthweight and blood pressure?. <b>2006</b> , 20, 646-57	13
542	Glucocorticoid "programming" and PTSD risk. <b>2006</b> , 1071, 351-78	130

541	Birth size and coronary heart disease risk score in young adulthood. The Atherosclerosis Risk in Young Adults (ARYA) study. <b>2006</b> , 21, 33-8	32
540	Hypotheses on the fetal origins of adult diseases: contributions of epidemiological studies. <b>2006</b> , 21, 91-102	34
539	Glucose tolerance at age 58 and the decline of glucose tolerance in comparison with age 50 in people prenatally exposed to the Dutch famine. <b>2006</b> , 49, 637-43	171
538	Impact of parental smoking on diabetes, hypertension and the metabolic syndrome in adult men and women in the San Antonio Heart Study. <b>2006</b> , 49, 2291-8	16
537	Developmental origins of diabetes: the role of oxidative stress. <b>2006</b> , 40, 917-22	96
536	A thin phenotype is protective for impaired glucose tolerance and related to low birth weight in mice. <b>2006</b> , 37, 813-7	7
535	[Famine in the Spanish civil war and mortality from coronary heart disease: a perspective from Barker's hypothesis]. <b>2006</b> , 20, 360-7	5
534	Gestational glucose tolerance and risk of type 2 diabetes in young Pima Indian offspring. <b>2006</b> , 55, 460-5	180
533	Early gestation dexamethasone alters baroreflex and vascular responses in newborn lambs before hypertension. <b>2006</b> , 291, R481-8	36
532	Maternal glucocorticoids and prenatal programming of hypertension. <b>2006</b> , 291, R1069-75	28
531	Impaired insulin secretion after prenatal exposure to the Dutch famine. <b>2006</b> , 29, 1897-901	151
530	External influences on the fetus and their long-term consequences. <b>2006</b> , 15, 794-800	38
529	Childhood Obesity. <b>2006</b> , 37, 298-305	1
528	Regulation of leptin synthesis and secretion before birth: implications for the early programming of adult obesity. <b>2006</b> , 131, 415-27	87
527	Adiposity in children born small for gestational age. <b>2006</b> , 30 Suppl 4, S36-40	24
526	Maternal smoking during pregnancy in relation to child overweight: follow-up to age 8 years. <b>2006</b> , 35, 121-30	119
525	Oligonephropathy, developmental programming and nutritional management of low-gestation newborns. <b>2006</b> , 95, 263-7	10
524	Prematurity and programming: are there later metabolic sequelae?. <b>2006</b> , 4, 101-12	14

523	Prenatal glucocorticoid exposure and physiological programming of adult disease. <b>2006</b> , 1, 391-402	3
522	Adult disease: echoes of the past. <b>2006</b> , 155, S47-S50	16
521	Catch-up growth in infants born small for gestational age--a longitudinal study. <b>2007</b> , 20, 379-86	9
520	Placental insufficiency results in temporal alterations in the renin angiotensin system in male hypertensive growth restricted offspring. <b>2007</b> , 293, R804-11	88
519	Increase in matrix metalloproteinases from endothelial cells exposed to umbilical cord plasma from high birth weight newborns. <b>2007</b> , 292, R1563-8	5
518	The aetiology of childhood obesity: a review. <b>2007</b> , 20, 29-45	69
517	Long-term adverse outcomes of low birth weight, increased somatic growth rates, and alterations of body composition in the premature infant: review of the evidence. <b>2007</b> , 45 Suppl 3, S147-51	21
516	Fetal nutrition and adult hypertension, diabetes, obesity, and coronary artery disease. <b>2007</b> , 26, 235-40	18
515	Could epigenetics play a role in the developmental origins of health and disease?. <b>2007</b> , 61, 68R-75R	100
514	Fetal programming of adult kidney disease: cellular and molecular mechanisms. <b>2007</b> , 2, 334-42	46
513	Growth hormone therapy for short children born small for gestational age. <b>2007</b> , 68, 300-9	11
512	Management of obesity in pregnancy. <b>2007</b> , 109, 419-33	233
511	Effects of birth weight on spontaneous baroreflex sensitivity in adult life. <b>2007</b> , 17, 303-10	9
510	Magnesium intake, glucose and insulin serum levels in pre-school very-low-birth weight pre-term children. <b>2007</b> , 17, 741-7	5
509	Birthweight of offspring and mortality of parents: the Jerusalem perinatal study cohort. <b>2007</b> , 17, 914-22	24
508	Reduced intima media thickness in adults after prenatal exposure to the Dutch famine. <b>2007</b> , 193, 421-7	26
507	The increasing prevalence of diabetes in pregnancy. <b>2007</b> , 34, 173-99, vii	323
506	Glucocorticoids, developmental 'programming' and the risk of affective dysfunction. <b>2008</b> , 167, 17-34	176

505	Birth weight is inversely associated with central adipose tissue in healthy children and adolescents. <b>2007</b> , 15, 1600-8	36
504	The association between birth weight and visceral fat in middle-age adults. <b>2007</b> , 15, 816-9	13
503	Association of maternal chronic disease and negative birth outcomes in a non-Hispanic Black-White Mississippi birth cohort. <b>2007</b> , 24, 311-7	21
502	Explaining differences in birthweight between ethnic populations. The Generation R Study. <b>2007</b> , 114, 1557-65	56
501	Epigenetic control of fetal gene expression. <b>2008</b> , 115, 158-68	145
500	Developmental mismatch: consequences for later cardiorespiratory health. <b>2008</b> , 115, 149-57	24
499	Childhood obesity: the infancy connection. <b>2007</b> , 36, 501-10	21
498	Oligonephropathy, developmental programming and nutritional management of low-gestation newborns. <b>2007</b> , 95, 263-267	
497	Early maturation of sinus rhythm dynamics in high-risk fetuses. <b>2007</b> , 196, 572.e1-7; discussion 572.e7	12
496	Fetale Wachstumsrestriktion und Herz-Kreislauf-Erkrankungen im Erwachsenenalter. <b>2007</b> , 40, 241-247	3
495	Developmental programming of cardiovascular disorders: focus on hypertension. <b>2007</b> , 8, 115-25	19
494	Perinatale Prägung und lebenslange Krankheitsrisiken. <b>2008</b> , 41, 303-312	
493	Perinatal factors and adult-onset lupus. <b>2008</b> , 59, 1155-61	22
492	Adiposity and height of adult Hmong refugees: relationship with war-related early malnutrition and later migration. <b>2008</b> , 20, 174-84	28
491	Nutrition fœtale : conséquences pour la santé ultérieure. <b>2008</b> , 22, 66-70	
490	Obesity - a social and physical risk. <b>2008</b> , 6, 442-9	4
489	Tracking and determinants of subcutaneous fat mass in early childhood: the Generation R Study. <b>2008</b> , 32, 1050-9	33
488	To be or not to be ... hypertensive: that is the question. <b>2008</b> , 586, 4581	

487	Developmental programming: maternal hypercholesterolemia and immunity influence susceptibility to atherosclerosis. <b>2007</b> , 65, S182-7	15
486	Birth weight and stages of CKD: a case-control study in an Australian population. <b>2008</b> , 52, 1070-8	29
485	Intrauterine growth restriction in a rodent model and developmental programming of the metabolic syndrome: a critical appraisal of the experimental evidence. <b>2008</b> , 29, 246-54	49
484	Low birth weight and blood pressure. <b>2008</b> , 57 Suppl 2, S32-5	58
483	Asthma and obesity: common early-life influences in the inception of disease. <b>2008</b> , 121, 1075-84; quiz 1085-6	100
482	Vascular risk factors in South Asians. <b>2008</b> , 128, 5-16	39
481	Perinatal salt restriction: a new pathway to programming adiposity indices in adult female Wistar rats. <b>2008</b> , 82, 728-32	22
480	Effects of maternal undernutrition on renal angiotensin II and chymase in hypertensive offspring. <b>2008</b> , 110, 497-504	16
479	Relaci3n entre obesidad y desarrollo de insuficiencia renal. <b>2008</b> , 25, 61-69	2
478	Relaci3n entre obesidad y desarrollo de insuficiencia renal. <b>2008</b> , 25, 61-69	
477	Prenatal dexamethasone 'programmes' hypotension, but stress-induced hypertension in adult offspring. <b>2008</b> , 196, 343-52	75
476	Infant and childhood growth patterns, insulin sensitivity, and blood pressure in prematurely born young adults. <b>2008</b> , 122, 313-21	159
475	Disorders of glucose regulation in adults and birth weight: results from the Australian Diabetes, Obesity and Lifestyle (AUSDIAB) Study. <b>2008</b> , 31, 159-64	24
474	Parental characteristics as predictors of birthweight. <b>2008</b> , 23, 168-77	44
473	Birthweight and perinatal mortality among singletons and twins in north-eastern Tanzania. <b>2008</b> , 36, 761-8	9
472	Placental restriction of fetal growth decreases IGF1 and leptin mRNA expression in the perirenal adipose tissue of late gestation fetal sheep. <b>2008</b> , 294, R1413-9	33
471	Maternal anthropometrics in pregnancy are associated with left ventricular mass in infancy. The generation R study. <b>2008</b> , 63, 62-6	17
470	Association between low birth weight and elevated white blood cell count in adulthood within a Japanese population. <b>2008</b> , 72, 757-63	2

469	Mechanisms underlying developmental programming of elevated blood pressure and vascular dysfunction: evidence from human studies and experimental animal models. <b>2008</b> , 114, 1-17	129
468	Effects of early growth on blood pressure of infants of British European and South Asian origin at one year of age: the Manchester children's growth and vascular health study. <b>2008</b> , 26, 412-8	52
467	Intrauterine Growth Restriction. <b>2008</b> , 77-83	3
466	Maternal hormones linking maternal body mass index and dietary intake to birth weight. <b>2008</b> , 87, 1743-9	116
465	Birth weight in relation to leisure time physical activity in adolescence and adulthood: meta-analysis of results from 13 nordic cohorts. <b>2009</b> , 4, e8192	57
464	Is birthweight associated with risk of rheumatoid arthritis? Data from a large cohort study. <b>2009</b> , 68, 514-8	42
463	Blunted stress response in small for gestational age neonates. <b>2009</b> , 65, 231-5	32
462	Fetal and postnatal growth and body composition at 6 months of age. <b>2009</b> , 94, 2023-30	58
461	Regulation of amino acid transporters by glucose and growth factors in cultured primary human trophoblast cells is mediated by mTOR signaling. <b>2009</b> , 297, C723-31	124
460	Developmental programming of a reduced nephron endowment: more than just a baby's birth weight. <b>2009</b> , 296, F1-9	75
459	Vascular nitric oxide and superoxide anion contribute to sex-specific programmed cardiovascular physiology in mice. <b>2009</b> , 296, R651-62	42
458	Iodine in the Ecosystem. <b>2009</b> , 119-123	
457	The early origins of later obesity: pathways and mechanisms. <b>2009</b> , 646, 71-81	82
456	The role of beverages in a healthy diet: key issues and guidelines. <b>2009</b> , 451-483	1
455	Effect of the early-life nutritional environment on fecundity and fertility of mammals. <b>2009</b> , 364, 3419-27	42
454	Novel pathogenic insights in the primary prevention of cardiovascular disease. <b>2009</b> , 51, 503-23	19
453	Diet and asthma--can you change what you or your children are by changing what you eat?. <b>2009</b> , 122, 78-82	7
452	Tracking and determinants of kidney size from fetal life until the age of 2 years: the Generation R Study. <b>2009</b> , 53, 248-58	27

451	Breast-feeding history and overweight in 11 to 13-year-old children in Iran. <b>2009</b> , 5, 36-41	12
450	The transition from fetal growth restriction to accelerated postnatal growth: a potential role for insulin signalling in skeletal muscle. <b>2009</b> , 587, 4199-211	82
449	Maternal-recalled gestational weight gain, pre-pregnancy body mass index, and obesity in the daughter. <b>2009</b> , 33, 743-52	95
448	Maternal pregestational BMI is associated with methylation of the PPARGC1A promoter in newborns. <b>2009</b> , 17, 1032-9	124
447	Long-term effects of prenatal stress: changes in adult cardiovascular regulation and sensitivity to stress. <b>2009</b> , 33, 191-203	77
446	Regulation of placental amino acid transporter activity by mammalian target of rapamycin. <b>2009</b> , 296, C142-50	116
445	Effects of maternal dietary manipulation during different periods of pregnancy on hepatic glucogenic capacity in fetal and pregnant rats near term. <b>2009</b> , 19, 555-62	16
444	Impulsive aggressiveness of pregnant women affects the development of the fetal heart. <b>2009</b> , 74, 243-9	5
443	Perinatal risk factors for diabetes in later life. <b>2009</b> , 58, 523-6	118
442	Prevention of overweight and obesity in children under the age of 6 years. <b>2009</b> , 34, 551-70	45
441	Maternal and child obesity: the causal link. <b>2009</b> , 36, 361-77, ix-x	152
440	Randomized controlled trial of feeding a concentrated formula to infants born to women infected by human immunodeficiency virus. <b>2009</b> , 49, 222-32	4
439	Fetal programming alters reactive oxygen species production in sheep cardiac mitochondria. <b>2009</b> , 116, 659-68	14
438	Programming of growth, insulin resistance and vascular dysfunction in offspring of late gestation diabetic rats. <b>2009</b> , 117, 129-38	38
437	Unconventional wisdom about the obesity epidemic. <b>2010</b> , 340, 481-91	12
436	Birth weight, maternal body mass index, and early childhood growth: a prospective birth cohort study in China. <b>2010</b> , 20, 421-8	22
435	Fetal growth restriction, catch-up growth and the early origins of insulin resistance and visceral obesity. <b>2010</b> , 25, 669-77	129
434	Is body size at birth related to circadian salivary cortisol levels in adulthood? Results from a longitudinal cohort study. <b>2010</b> , 10, 346	11

433	Fetal and life course origins of serum lipids in mid-adulthood: results from a prospective cohort study. <b>2010</b> , 10, 484	10
432	The plastic human. <b>2010</b> , 19, 21-26	5
431	Retinal arteriolar changes: intermediate pathways linking early life exposures to cardiovascular disease?. <b>2010</b> , 17, 21-31	38
430	Former small for gestational age (SGA) status is associated to changes of insulin resistance in obese children during weight loss. <b>2010</b> , 11, 431-7	5
429	Early nutrition and adult health: Perspectives for international and community nutrition programs and policies. <b>2010</b> , 4, 449-54	7
428	Chronic placental ischemia alters amniotic fluid milieu and results in impaired glucose tolerance, insulin resistance and hyperleptinemia in young rats. <b>2010</b> , 235, 892-9	34
427	A meta-analysis of depression during pregnancy and the risk of preterm birth, low birth weight, and intrauterine growth restriction. <b>2010</b> , 67, 1012-24	1163
426	Maternal undernutrition and the offspring kidney: from fetal to adult life. <b>2010</b> , 43, 1010-8	49
425	Prenatal exposure to the environmental obesogen tributyltin predisposes multipotent stem cells to become adipocytes. <b>2010</b> , 24, 526-39	225
424	A study of the birth weight-obesity relation using a longitudinal cohort and sibling and twin pairs. <b>2010</b> , 172, 549-57	26
423	BMI at age 8 years is influenced by the type 2 diabetes susceptibility genes HHEX-IDE and CDKAL1. <b>2010</b> , 59, 2063-7	8
422	Effect of growth in infancy on body composition, insulin resistance, and concentration of appetite hormones in adolescence. <b>2010</b> , 91, 1675-83	35
421	Optimal gestational weight gain must not be determined from adverse birth weight outcomes defined only as the total percentage of infants born small- or large-for-gestational-age. <b>2010</b> , 91, 819-21; author reply 821-2	2
420	The long-term effects of prematurity and intrauterine growth restriction on cardiovascular, renal, and metabolic function. <b>2010</b> , 2010, 280402	55
419	Maternal metabolism and obesity: modifiable determinants of pregnancy outcome. <b>2010</b> , 16, 255-75	236
418	Intrauterine growth restriction as a potential risk factor for disease onset in adulthood. <b>2010</b> , 23, 215-24	90
417	Birth weight is a significant risk factor for incident atrial fibrillation. <i>Circulation</i> , <b>2010</b> , 122, 764-70	16.7 49
416	Role of the kidney in the prenatal and early postnatal programming of hypertension. <b>2010</b> , 298, F235-47	94

415	Birth weight of infants and mortality in their parents and grandparents: the Uppsala Birth Cohort Study. <b>2010</b> , 39, 1264-76	21
414	Coronary endothelial function and vascular smooth muscle proliferation are programmed by early-gestation dexamethasone exposure in sheep. <b>2010</b> , 298, R1607-14	6
413	Castration fails to prevent prenatally programmed hypertension in male rats. <b>2010</b> , 298, R1111-6	15
412	Impact of maternal periconceptional overnutrition on fat mass and expression of adipogenic and lipogenic genes in visceral and subcutaneous fat depots in the postnatal lamb. <b>2010</b> , 151, 5195-205	75
411	Fetal origins of renal disparities. <b>2010</b> , 30, 42-50	2
410	Mechanisms involved in the developmental programming of adulthood disease. <b>2010</b> , 427, 333-47	245
409	Fetal origins of insulin resistance and the metabolic syndrome: a key role for adipose tissue?. <b>2010</b> , 36, 11-20	52
408	Season of birth and risk for adult onset glioma. <b>2010</b> , 7, 1913-36	13
407	The effect of nutrition during early life on the epigenetic regulation of transcription and implications for human diseases. <b>2011</b> , 4, 248-60	24
406	Central stiffening in adulthood linked to aberrant aortic remodeling under suboptimal intrauterine conditions. <b>2011</b> , 301, R1731-7	25
405	The use of birth certificate data to reconstruct and validate self-reported birth address in a study of breast cancer and environment. <b>2011</b> , 21, 710-3	
404	Maternal inflammation, growth retardation, and preterm birth: insights into adult cardiovascular disease. <b>2011</b> , 89, 417-21	136
403	Developmental Origins of Adult Disease: Part 3: Metabolic Disease. <b>2011</b> , 12, e714-e720	
402	Maternal low-protein diet suppresses vascular and renal endothelial nitric oxide synthase phosphorylation in rat offspring independent of a postnatal fructose diet. <b>2011</b> , 2, 168-75	4
401	Birth weight and subsequent risk of obesity: a systematic review and meta-analysis. <b>2011</b> , 12, 525-42	337
400	The effects of pre- and post-pregnancy inflammatory bowel disease diagnosis on birth outcomes. <b>2011</b> , 33, 333-9	17
399	Foetal and postnatal growth and bone mass at 6 months: the Generation R Study. <b>2011</b> , 74, 181-90	23
398	Explaining differences in birth outcomes in relation to maternal age: the Generation R Study. <b>2011</b> , 118, 500-9	28

397	Epigenetic changes in early life and future risk of obesity. <b>2011</b> , 35, 72-83	146
396	Early life undernutrition and chronic diseases at older ages: the effects of the Dutch famine on cardiovascular diseases and diabetes. <b>2011</b> , 73, 711-8	59
395	Periconceptional nutrition and the early programming of a life of obesity or adversity. <b>2011</b> , 106, 307-14	46
394	Higher infant body fat with excessive gestational weight gain in overweight women. <b>2011</b> , 205, 211.e1-7	83
393	Residence in coal-mining areas and low-birth-weight outcomes. <b>2011</b> , 15, 974-9	40
392	Adverse consequences of accelerated neonatal growth: cardiovascular and renal issues. <b>2011</b> , 26, 493-508	46
391	Maternal smoking during pregnancy and kidney volume in the offspring: the Generation R Study. <b>2011</b> , 26, 1275-83	48
390	Developmental mechanisms involved in the primary prevention of atherosclerosis and cardiovascular disease. <b>2011</b> , 13, 170-5	20
389	Gene expression profiling in the Cynomolgus macaque <i>Macaca fascicularis</i> shows variation within the normal birth range. <b>2011</b> , 12, 509	9
388	Glucocorticoids, Developmental Programming, and the Risk of Affective Dysfunction. <b>2011</b> , 61-101	
387	Disassociation of liver and muscle insulin resistance from ectopic lipid accumulation in low-birth-weight individuals. <b>2011</b> , 96, 3873-80	10
386	Prevalence of high blood pressure among young rural adults in relation to height in childhood and adult body mass index. <b>2011</b> , 30, 216-23	3
385	The consequences of obesity and excess weight gain in pregnancy. <b>2011</b> , 70, 450-6	89
384	Developmental programming of energy balance and its hypothalamic regulation. <b>2011</b> , 32, 272-311	65
383	Birth weight, postnatal weight change, and risk for high blood pressure among chinese children. <b>2011</b> , 127, e1272-9	50
382	Maternal obesity and the early origins of childhood obesity: weighing up the benefits and costs of maternal weight loss in the periconceptional period for the offspring. <b>2011</b> , 2011, 585749	46
381	Preimplantation exposure of mouse embryos to palmitic acid results in fetal growth restriction followed by catch-up growth in the offspring. <b>2011</b> , 85, 678-83	52
380	Prenatal Programming and Epigenetics in the Genesis of the Cardiorenal Syndrome. <b>2011</b> , 1, 243-254	26

379	Effect of maternal diet on the epigenome: implications for human metabolic disease. <b>2011</b> , 70, 64-72	82
378	Epigenetics and the placenta. <b>2011</b> , 17, 397-417	245
377	Effect of age and gender on the progression of adult vascular dysfunction in a mouse model of fetal programming lacking endothelial nitric oxide synthase. <b>2011</b> , 301, H297-305	12
376	Fetoplacental vascular endothelial dysfunction as an early phenomenon in the programming of human adult diseases in subjects born from gestational diabetes mellitus or obesity in pregnancy. <b>2011</b> , 2011, 349286	37
375	Birthweight is associated with DNA promoter methylation of the glucocorticoid receptor in human placenta. <b>2011</b> , 6, 566-72	135
374	Regulation of nutrient transport across the placenta. <b>2012</b> , 2012, 179827	239
373	Sex dimorphism in the relation between early adiposity and cardiometabolic risk in adolescents. <b>2012</b> , 97, E1014-22	30
372	Impact of maternal dexamethasone on coronary PGE(2) production and prostaglandin-dependent coronary reactivity. <b>2012</b> , 303, R513-9	4
371	Abnormalities of Fetal Growth. <b>2012</b> , 51-59	1
370	Developmental origins of health and disease: experimental and human evidence of fetal programming for metabolic syndrome. <b>2012</b> , 26, 405-19	24
369	Increasing pre-pregnancy body mass index is predictive of a progressive escalation in adverse pregnancy outcomes. <b>2012</b> , 25, 1635-9	29
368	Birth weight, genetic susceptibility, and adulthood risk of type 2 diabetes. <b>2012</b> , 35, 2479-84	18
367	Impact of oxidative stress in fetal programming. <b>2012</b> , 2012, 582748	164
366	Inflammatory profiles in the non-pregnant state predict offspring birth weight at Cebu: evidence for inter-generational effects of low grade inflammation. <b>2012</b> , 39, 267-74	13
365	Altered adipocyte structure and function in nutritionally programmed microswine offspring. <b>2012</b> , 3, 198-209	3
364	A rodent model of low- to moderate-dose ethanol consumption during pregnancy: patterns of ethanol consumption and effects on fetal and offspring growth. <b>2012</b> , 24, 859-70	29
363	Accelerated growth without prepubertal obesity in nutritionally programmed microswine offspring. <b>2012</b> , 3, 92-102	6
362	Birth weight and overweight/obesity in adults: a meta-analysis. <b>2012</b> , 171, 1737-46	54

361	Influence of angiotensin II type 1 receptor-associated protein on prenatal development and adult hypertension after maternal dietary protein restriction during pregnancy. <b>2012</b> , 6, 324-30		14
360	Rhabdomyosarcoma of the cervix in adult women and younger patients. <b>2012</b> , 126, 351-6		32
359	Programmation fœtale des maladies métaboliques : données expérimentales. <b>2012</b> , 6, 289-293		
358	What's new in obstetric anesthesia: the 2011 Gerard W. Ostheimer lecture. <b>2012</b> , 21, 68-74		8
357	Family income trajectory during childhood is associated with adiposity in adolescence: a latent class growth analysis. <b>2012</b> , 12, 611		37
356	Epigenetic mechanisms linking early nutrition to long term health. <b>2012</b> , 26, 667-76		131
355	Developmental origins of diabetes: The role of oxidative stress. <b>2012</b> , 26, 701-8		39
354	Perinatal Epidemiology of Metabolic Syndrome Risk Factors. <b>2012</b> , 57-81		2
353	Physiopathology of intrauterine growth retardation: from classic data to metabolomics. <b>2012</b> , 25, 13-8		51
352	Molecular mechanisms underlying the fetal programming of adult disease. <b>2012</b> , 6, 139-53		34
351	Associations of maternal prepregnancy body mass index and gestational weight gain with adult offspring cardiometabolic risk factors: the Jerusalem Perinatal Family Follow-up Study. <i>Circulation</i> , <b>2012</b> , 125, 1381-9	16.7	218
350	Birth weight and long-term overweight risk: systematic review and a meta-analysis including 643,902 persons from 66 studies and 26 countries globally. <b>2012</b> , 7, e47776		227
349	Maternal and Early Childhood Risk Factors for Overweight and Obesity among Low-Income Predominantly Black Children at Age Five Years: A Prospective Cohort Study. <b>2012</b> , 2012, 457173		21
348	Acute appendicitis and adverse pregnancy outcomes: a nationwide population-based study. <b>2012</b> , 16, 1204-11		33
347	Increased albuminuria in 4-year-old preterm-born children with normal height. <b>2012</b> , 160, 923-8.e1		9
346	Circulating and utero-placental adaptations to chronic placental ischemia in the rat. <b>2012</b> , 33, 100-5		19
345	Maternal HBsAg status and infant size--a Faustian bargain?. <b>2012</b> , 19, 519-24		20
344	The relationship between childhood parental loss and metabolic syndrome in obese subjects. <b>2013</b> , 29, 5-13		27

343	The associations of high birth weight with blood pressure and hypertension in later life: a systematic review and meta-analysis. <b>2013</b> , 36, 725-35	58
342	Perinatal Programming and Blood Pressure. <b>2013</b> , 103-120	1
341	Study protocol: the relation of birth weight and infant growth trajectories with physical fitness, physical activity and sedentary behavior at 8-9 years of age - the ABCD study. <b>2013</b> , 13, 102	13
340	Developmental origins of obesity and type 2 diabetes: molecular aspects and role of chemicals. <b>2013</b> , 18, 185-97	67
339	Infant Growth and Adult Obesity: Relationship and Factors Affecting Them. <b>2013</b> , 357-366	1
338	Long-term effect of green tea extract during lactation on AMPK expression in rat offspring exposed to fetal malnutrition. <b>2013</b> , 29, 1152-8	7
337	Comparison of gestational weight gain-related pregnancy outcomes in American primiparous and multiparous women. <b>2013</b> , 97, 1100-6	30
336	Investigating the relationship between prenatal growth and postnatal outcomes: a systematic review of the literature. <b>2013</b> , 4, 434-41	7
335	Influences on the onset and tempo of puberty in human beings and implications for adolescent psychological development. <b>2013</b> , 64, 250-61	81
334	A maternal diet rich in fish oil may improve cardiac Akt-related signaling in the offspring of diabetic mother rats. <b>2013</b> , 29, 688-92	7
333	Fetal metabolic programming and epigenetic modifications: a systems biology approach. <b>2013</b> , 73, 531-42	75
332	Epigenetics of insulin resistance: an emerging field in translational medicine. <b>2013</b> , 13, 229-37	12
331	Potential role of Toll-like receptors in programming of vascular dysfunction. <b>2013</b> , 125, 19-25	19
330	Genetic susceptibility, birth weight and obesity risk in young Chinese. <b>2013</b> , 37, 673-7	30
329	Prise en charge obstétricale de la femme obèse. <b>2013</b> , 233-250	
328	Obesity and asthma: a coincidence or a causal relationship? A systematic review. <b>2013</b> , 107, 1287-300	129
327	Association between number of children and mortality of mothers: results of a 37-year follow-up study. <b>2013</b> , 23, 13-8	54
326	Quercetin intake during lactation modulates the AMP-activated protein kinase pathway in the livers of adult male rat offspring programmed by maternal protein restriction. <b>2013</b> , 24, 118-23	6

325	Sex-specific effect of first-trimester maternal progesterone on birthweight. <b>2013</b> , 28, 77-86	31
324	Antioxidant treatment reverts increased arterial Basal tone and oxidative stress in nephrectomized (5/6) hypertensive rats. <b>2013</b> , 2013, 863067	3
323	The chromosome 3q25 genomic region is associated with measures of adiposity in newborns in a multi-ethnic genome-wide association study. <b>2013</b> , 22, 3583-96	32
322	From Mice to Men: research models of developmental programming. <b>2013</b> , 4, 3-9	36
321	Developmental origins of chronic renal disease: an integrative hypothesis. <b>2013</b> , 2013, 346067	36
320	The imperative to prevent and treat childhood obesity: why the world cannot afford to wait. <b>2013</b> , 3, 163-71	9
319	Fetal epigenetic programming of adipokines. <b>2013</b> , 2, 41-46	36
318	Early life risk factors of being overweight at 10 years of age: results of the German birth cohorts GINIplus and LISAplus. <b>2013</b> , 67, 855-62	18
317	Design of, and first data from, PATRO Children, a multicentre, noninterventional study of the long-term efficacy and safety of Omnitrope(®) in children requiring growth hormone treatment. <b>2013</b> , 4, 3-11	22
316	Late gestation undernutrition can predispose for visceral adiposity by altering fat distribution patterns and increasing the preference for a high-fat diet in early postnatal life. <b>2013</b> , 109, 2098-110	31
315	Maternal exercise improves insulin sensitivity in mature rat offspring. <b>2013</b> , 45, 832-40	76
314	Common approach to childhood obesity in Japan. <b>2014</b> , 27, 581-92	10
313	Birth weight and risk of type 2 diabetes in the black women's health study: does adult BMI play a mediating role?. <b>2014</b> , 37, 2572-8	33
312	Does FTO have a paradoxical effect in fetal life?. <b>2014</b> , 15, 145	2
311	The impact of early nutrition on the ageing trajectory. <b>2014</b> , 73, 289-301	59
310	DNA methylation: the pivotal interaction between early-life nutrition and glucose metabolism in later life. <b>2014</b> , 112, 1850-7	52
309	Programming of fetal insulin resistance in pregnancies with maternal obesity by ER stress and inflammation. <b>2014</b> , 2014, 917672	32
308	Adverse perinatal environment contributes to altered cardiac development and function. <b>2014</b> , 306, H1334-40	24

307	Maternal high-fat diet modulates hepatic glucose, lipid homeostasis and gene expression in the PPAR pathway in the early life of offspring. <b>2014</b> , 15, 14967-83	42
306	Sex differences in the developmental origins of cardiovascular disease. <b>2014</b> , 29, 122-32	47
305	Assessment of fetal growth by customized growth charts. <b>2014</b> , 65, 149-55	11
304	Comparison of father-offspring and mother-offspring associations of cardiovascular risk factors: family linkage within the population-based HUNT Study, Norway. <b>2014</b> , 43, 760-71	30
303	'Let food be thy medicine, and medicine be thy food': Hippocrates revisited. <b>2014</b> , 26, 1-3	12
302	Mechanisms involved in developmental programming of hypertension and renal diseases. Gender differences. <b>2014</b> , 18, 63-77	17
301	Long-term follow-up of intrauterine growth restriction: cardiovascular disorders. <b>2014</b> , 36, 143-53	74
300	Metabolic thrift and the genetic basis of human obesity. <b>2014</b> , 259, 642-8	16
299	Low birth weight followed by postnatal over-nutrition in the guinea pig exposes a predominant player in the development of vascular dysfunction. <b>2014</b> , 592, 5429-43	19
298	Birth weight and risk of coronary heart disease in adults: a meta-analysis of prospective cohort studies. <b>2014</b> , 5, 408-19	40
297	Neonatal anthropometrics and body composition in obese children investigated by dual energy X-ray absorptiometry. <b>2014</b> , 173, 623-7	8
296	Lipid profile and atherogenic indices soon after birth in Japanese preterm infants. <b>2014</b> , 103, 22-6	7
295	Protein restoration in low-birth-weight rat offspring derived from maternal low-protein diet leads to elevated hepatic CYP3A and CYP2C11 activity in adulthood. <b>2014</b> , 42, 221-8	12
294	Cardiovascular function in children born very preterm after intrauterine growth restriction with severely abnormal umbilical artery blood flow. <b>2014</b> , 21, 1257-66	25
293	Sex differences in the developmental programming of hypertension. <b>2014</b> , 210, 307-16	56
292	Endocrine regulation of fetal skeletal muscle growth: impact on future metabolic health. <b>2014</b> , 221, R13-29	75
291	Opposite risk patterns for autism and schizophrenia are associated with normal variation in birth size: phenotypic support for hypothesized diametric gene-dosage effects. <b>2014</b> , 281, 20140604	23
290	Maternal caffeine exposure impairs insulin secretion by pancreatic $\beta$ cells and increases the risk of type II diabetes mellitus in offspring. <b>2014</b> , 38, 1183-93	5

289	Fetal exposure to parental smoking and the risk of type 2 diabetes in adult women. <b>2014</b> , 37, 2966-73	26
288	Effect of low birth weight on women's health. <b>2014</b> , 36, 1913-1923	35
287	DNA methylation in obesity and type 2 diabetes. <b>2014</b> , 46, 103-13	56
286	Early developmental conditioning of later health and disease: physiology or pathophysiology?. <b>2014</b> , 94, 1027-76	656
285	Zinc and copper levels in low birth weight deliveries in Medani Hospital, Sudan. <b>2014</b> , 7, 386	19
284	Large for gestational age and long-term cognitive function. <b>2014</b> , 210, 343.e1-343.e4	6
283	Prenatal stress and subsequent exposure to chronic mild stress in rats; interdependent effects on emotional behavior and the serotonergic system. <b>2014</b> , 24, 595-607	98
282	Association between birth characteristics and coronary disease risk factors among fifth graders. <b>2014</b> , 164, 78-82	15
281	Developmental conditioning of the vasculature. <b>2015</b> , 5, 397-438	9
280	The placental mTOR-pathway: correlation with early growth trajectories following intrauterine growth restriction?. <b>2015</b> , 6, 317-26	7
279	Maternal protein restriction induces early-onset glucose intolerance and alters hepatic genes expression in the peroxisome proliferator-activated receptor pathway in offspring. <b>2015</b> , 6, 269-79	15
278	Association of birthweight with diabetes and insulin sensitivity or secretion in the Japanese general population. <b>2015</b> , 6, 430-5	7
277	Aerobic exercise training reduces cardiac function in adult male offspring exposed to prenatal hypoxia. <b>2015</b> , 309, R489-98	7
276	Perinatal risk factors for premature ischaemic heart disease in a Swedish national cohort. <b>2015</b> , 5, e007308	15
275	Reproducibility and relative validity of a semi-quantitative food frequency questionnaire for Chinese pregnant women. <b>2015</b> , 14, 56	43
274	Fetal programming and cardiovascular pathology. <b>2015</b> , 5, 997-1025	130
273	Nutritional conditions in early life and risk of non-communicable diseases (NCDs) from the perspective of preemptive medicine in perinatal care. <b>2015</b> , 3, 1-12	10
272	Developmental programming of cardiovascular disease following intrauterine growth restriction: findings utilising a rat model of maternal protein restriction. <b>2014</b> , 7, 119-52	53

271	Maternal Caffeine Consumption during Pregnancy and Risk of Low Birth Weight: A Dose-Response Meta-Analysis of Observational Studies. <b>2015</b> , 10, e0132334	60
270	The Effects of Season of Birth on the Inflammatory Response to Psychological Stress in Hainan Island, China. <b>2015</b> , 10, e0139602	3
269	Heritable IUGR and adult metabolic syndrome are reversible and associated with alterations in the metabolome following dietary supplementation of 1-carbon intermediates. <b>2015</b> , 29, 2640-52	14
268	The Early Life Origins of Cardiovascular Disease. <b>2015</b> , 9, 1	2
267	Computational modelling of fatty acid transport in the human placenta. <b>2015</b> , 2015, 8054-7	6
266	Prenatal famine exposure and adult mortality from cancer, cardiovascular disease, and other causes through age 63 years. <b>2015</b> , 181, 271-9	37
265	Telomere length in the two extremes of abnormal fetal growth and the programming effect of maternal arterial hypertension. <b>2015</b> , 5, 7869	22
264	Coordinated regulatory variation associated with gestational hyperglycaemia regulates expression of the novel hexokinase HKDC1. <b>2015</b> , 6, 6069	62
263	Effects of a psychosocial couple-based prevention program on adverse birth outcomes. <b>2015</b> , 19, 102-11	31
262	Early life obesity and chronic kidney disease in later life. <b>2015</b> , 30, 1255-63	17
261	Possible role of birth weight on general and central obesity in Chinese children and adolescents: a cross-sectional study. <b>2015</b> , 25, 748-52	28
260	Effect of metformin on maternal and fetal outcomes in obese pregnant women (EMPOWaR): a randomised, double-blind, placebo-controlled trial. <b>2015</b> , 3, 778-86	170
259	Birth weight and later life adherence to unhealthy lifestyles in predicting type 2 diabetes: prospective cohort study. <b>2015</b> , 351, h3672	69
258	Birthweight, mediating biomarkers and the development of type 2 diabetes later in life: a prospective study of multi-ethnic women. <b>2015</b> , 58, 1220-30	21
257	Maternal diet as a modifier of offspring epigenetics. <b>2015</b> , 6, 88-95	63
256	Maternal and post-weaning high-fat, high-sucrose diet modulates glucose homeostasis and hypothalamic POMC promoter methylation in mouse offspring. <b>2015</b> , 30, 1129-37	41
255	Efficacy of metformin in pregnant obese women: a randomised controlled trial. <b>2015</b> , 5, e006854	14
254	Effects of Birth Month on Child Health and Survival in Sub-Saharan Africa. <b>2015</b> , 61, 209-30	10

253	Maternal obesity during pregnancy and cardiovascular development and disease in the offspring. <b>2015</b> , 30, 1141-52	147
252	Fetal endocrine and metabolic adaptations to hypoxia: the role of the hypothalamic-pituitary-adrenal axis. <b>2015</b> , 309, E429-39	20
251	Sex Differences in the Association Between Birth Weight and Adult Type 2 Diabetes. <b>2015</b> , 64, 4220-5	31
250	Exercise in pregnancies complicated by obesity: achieving benefits and overcoming barriers. <b>2015</b> , 212, 442-9	66
249	Essential nutrient supplementation prevents heritable metabolic disease in multigenerational intrauterine growth-restricted rats. <b>2015</b> , 29, 807-19	27
248	Maternal undernutrition and fetal developmental programming of obesity: the glucocorticoid connection. <b>2015</b> , 22, 138-45	39
247	Cardiovascular Disorders and Epigenetics. <b>2016</b> , 243-256	
246	Pregnancy after bariatric surgery: improving outcomes for mother and child. <b>2016</b> , 8, 721-729	25
245	Relation between in Utero Arsenic Exposure and Birth Outcomes in a Cohort of Mothers and Their Newborns from New Hampshire. <b>2016</b> , 124, 1299-307	78
244	Using an External Exposome Framework to Examine Pregnancy-Related Morbidities and Mortalities: Implications for Health Disparities Research. <b>2015</b> , 13, ijerph13010013	10
243	Maternal Nutrition and Glycaemic Index during Pregnancy Impacts on Offspring Adiposity at 6 Months of Age--Analysis from the ROLO Randomised Controlled Trial. <b>2016</b> , 8,	37
242	Longitudinal growth during fetal life and infancy and cardiovascular outcomes at school-age. <b>2016</b> , 34, 1396-406	22
241	Associations between maternal anthropometric characteristics and infant birth weight in Iranian population. <b>2016</b> , 4, 2050312116646691	3
240	Salivary latent trait cortisol (LTC): Relation to lipids, blood pressure, and body composition in middle childhood. <b>2016</b> , 71, 110-8	7
239	Maternal high-calorie diet is associated with altered hepatic microRNA expression and impaired metabolic health in offspring at weaning age. <b>2016</b> , 54, 70-80	25
238	Modeling the impact of growth and leptin deficits on the neuronal regulation of blood pressure. <b>2016</b> , 231, R47-R60	14
237	A call to action and a lifecourse strategy to address the global burden of raised blood pressure on current and future generations: the Lancet Commission on hypertension. <b>2016</b> , 388, 2665-2712	413
236	Oral oestrogen reverses ovariectomy-induced morning surge hypertension in growth-restricted mice. <b>2016</b> , 130, 613-23	4

- 235 Angiotensin-like protein 8 (ANGPTL8) in pregnancy: a brown adipose tissue-derived endocrine factor with a potential role in fetal growth. **2016**, 178, 1-12 23
- 234 Modifying Our Microbial Environment. **2016**, 373-395
- 233 Nutritionists' Health Study cohort: a web-based approach of life events, habits and health outcomes. **2016**, 6, e012081 8
- 232 Pregnant women with heart disease: Placental characteristics and their association with fetal adverse events. **2016**, 18, 56-64 7
- 231 The association between maternal nutrition and lifestyle during pregnancy and 2-year-old offspring adiposity: analysis from the ROLO study. **2016**, 24, 427-436 17
- 230 Perinatal health outcomes of East African immigrant populations in Victoria, Australia: a population based study. **2016**, 16, 86 29
- 229 Low birthweight and risk of type 2 diabetes: a Mendelian randomisation study. **2016**, 59, 1920-7 53
- 228 Developmental aspects of a life course approach to healthy ageing. **2016**, 594, 2147-60 34
- 227 Preventive Effects on Birth Outcomes: Buffering Impact of Maternal Stress, Depression, and Anxiety. **2016**, 20, 56-65 29
- 226 Low-Protein Diet-Induced Fetal Growth Restriction Leads to Exaggerated Proliferative Response to Vascular Injury in Postnatal Life. **2016**, 29, 54-62 18
- 225 Men's Health Is Not Affected by Their Mothers' Intrahepatic Cholestasis of Pregnancy. **2016**, 10, NP71-NP77 1
- 224 The impact of birth weight on cardiovascular disease risk in the Women's Health Initiative. **2016**, 26, 239-45 52
- 223 Infant birth weight and third trimester maternal plasma markers of vascular integrity: the MIREC study. **2016**, 21, 257-66 8
- 222 Fetal programming and gestational diabetes mellitus. **2016**, 48 Suppl 1, S54-S60 55
- 221 Parametric modeling of quantile regression coefficient functions with censored and truncated data. **2017**, 73, 1179-1188 14
- 220 Increased birth weight is associated with altered gene expression in neonatal foreskin. **2017**, 8, 575-583 6
- 219 Birthweight and cardiovascular risk factors in a Japanese general population. **2017**, 43, 1001-1007 9
- 218 Endothelial dysfunction in individuals born after fetal growth restriction: cardiovascular and renal consequences and preventive approaches. **2017**, 8, 448-464 40

217	Mysteries of type 2 diabetes: the Indian Elephant meets the Chinese Dragon. <b>2017</b> , 71, 805-811	6
216	Predictors of adults' body mass index and the association with index child's infant birth weight, in the Lifeways Cross-Generation Cohort Study of a thousand families in the Republic of Ireland. <b>2017</b> , 8, 649-657	4
215	Association between birthweight and later body mass index: an individual-based pooled analysis of 27 twin cohorts participating in the CODATwins project. <b>2017</b> , 46, 1488-1498	15
214	Maternal resveratrol intake during lactation attenuates hepatic triglyceride and fatty acid synthesis in adult male rat offspring. <b>2017</b> , 9, 173-179	13
213	Population-based birth weight reference percentiles for Chinese twins. <b>2017</b> , 49, 470-478	25
212	Recent advances in the study of 11 $\beta$ -Hydroxysteroid dehydrogenase type 2 (11 $\beta$ -HSD2) inhibitors. <b>2017</b> , 52, 47-53	8
211	Birth Weight for Gestational Age, Anthropometric Measures, and Cardiovascular Disease Markers in Children. <b>2017</b> , 182, 99-106	21
210	Fetal Programming: Maternal Diets, Tryptophan, and Postnatal Development. <b>2017</b> , 325-337	
209	DNA methylation links genetics, fetal environment, and an unhealthy lifestyle to the development of type 2 diabetes. <b>2017</b> , 9, 105	37
208	Maternal pre-gravid cardiometabolic health and infant birthweight: A prospective pre-conception cohort study. <b>2017</b> , 27, 723-730	13
207	Anthropometric measures at birth and early childhood are associated with neurodevelopmental outcomes among Bangladeshi children aged 2-3years. <b>2017</b> , 607-608, 475-482	9
206	Prevalence of overweight in Hong Kong Chinese children: Its associations with family, early-life development and behaviors-related factors. <b>2017</b> , 15, 89-95	12
205	Birth weight and type 2 diabetes: A meta-analysis. <b>2017</b> , 14, 5313-5320	15
204	Effects of intrauterine exposures to polychlorinated biphenyls, methylmercury, and lead on birth weight in Japanese male and female newborns. <b>2017</b> , 22, 39	24
203	Risk of low birth weight on adulthood hypertension - evidence from a tertiary care hospital in a South Asian country, Sri Lanka: a retrospective cohort study. <b>2017</b> , 17, 358	12
202	Kidneys in 5-year-old preterm-born children: a longitudinal cohort monitoring of renal function. <b>2017</b> , 82, 979-985	7
201	Influence of maternal obesity, diet and exercise on epigenetic regulation of adipocytes. <b>2017</b> , 54, 37-49	14
200	An estimating equation for censored and truncated quantile regression. <b>2017</b> , 113, 53-63	8

199	The Role of Malnutrition during Pregnancy and Its Effects on Brain and Skeletal Muscle Postnatal Development. <b>2017</b> , 2, 30	3
198	Maternal Low-Protein Diet Modulates Glucose Metabolism and Hepatic MicroRNAs Expression in the Early Life of Offspring $\square$ <b>2017</b> , 9,	36
197	Developmental Origins and Nephron Endowment in Hypertension. <b>2017</b> , 5, 151	20
196	Testosterone is protective against impaired glucose metabolism in male intrauterine growth-restricted offspring. <b>2017</b> , 12, e0187843	5
195	A crucial role for maternal dietary methyl donor intake in epigenetic programming and fetal growth outcomes. <b>2018</b> , 76, 469-478	46
194	Intrauterine growth restriction combined with a maternal high-fat diet increased adiposity and serum corticosterone levels in adult rat offspring. <b>2018</b> , 9, 315-328	7
193	Is birth weight associated with blood pressure among African children and adolescents? A systematic review. <b>2018</b> , 9, 270-280	7
192	Roles of angiotensin II type 2 receptor in mice with fetal growth restriction. <b>2018</b> , 41, 157-164	3
191	Impact on birth weight of maternal smoking throughout pregnancy mediated by DNA methylation. <b>2018</b> , 19, 290	27
190	Does poor fetal growth influence the extent of fetal exposure to maternal medications?. <b>2018</b> , 130, 74-84	8
189	Associations between birthweight and overweight and obesity in school-age children. <b>2018</b> , 13, 333-341	32
188	Poor perinatal growth impairs baboon aortic windkessel function. <b>2018</b> , 9, 137-142	9
187	Skeletal Muscle Damage in Intrauterine Growth Restriction. <b>2018</b> , 1088, 93-106	8
186	Birth Weight and Risk of Type 2 Diabetes Mellitus, Cardiovascular Disease, and Hypertension in Adults: A Meta-Analysis of 7'646'267 Participants From 135 Studies. <b>2018</b> , 7, e008870	99
185	A long-term maternal diet intervention is necessary to avoid the obesogenic effect of maternal high-fat diet in the offspring. <b>2018</b> , 62, 210-220	8
184	Racial difference in preterm birth and low birthweight: Towards a new hypothesis involving the interaction of 25-hydroxyvitamin D with maternal fat mass. <b>2018</b> , 121, 74-77	
183	[Maternal nutritional status and its association with birth weight in high-risk pregnancies]. <b>2018</b> , 23, 2373-23826	
182	Relationship between socioeconomic status and weight gain during infancy: The BeeBOFT study. <b>2018</b> , 13, e0205734	3

181	Effects of postweaning calorie restriction on accelerated growth and adiponectin in nutritionally programmed microswine offspring. <b>2018</b> , 315, R354-R368	3
180	Developmental Origins of Nonalcoholic Fatty Liver Disease (NAFLD). <b>2018</b> , 1012, 29-39	9
179	Arginase upregulation and eNOS uncoupling contribute to impaired endothelium-dependent vasodilation in a rat model of intrauterine growth restriction. <b>2018</b> , 315, R509-R520	16
178	Regulation of birthweight by placenta-derived miRNAs: evidence from an arsenic-exposed birth cohort in Bangladesh. <b>2018</b> , 13, 573-590	14
177	Cord blood leptin and insulin levels in association with mitochondrial DNA content. <b>2018</b> , 16, 224	6
176	Oxidative Stress, Intrauterine Growth Restriction, and Developmental Programming of Type 2 Diabetes. <b>2018</b> , 33, 348-359	29
175	Abnormalities of Fetal Growth. <b>2018</b> , 61-69.e3	1
174	Unconventional oil and gas chemicals and wastewater-impacted water samples promote adipogenesis via PPAR $\alpha$ -dependent and independent mechanisms in 3T3-L1 cells. <b>2018</b> , 640-641, 1601-1610	18
173	Bisphenol A exposure during early pregnancy impairs uterine spiral artery remodeling and provokes intrauterine growth restriction in mice. <b>2018</b> , 8, 9196	32
172	Early gestational ethanol exposure in mice: Effects on brain structure, energy metabolism and adiposity in adult offspring. <b>2019</b> , 75, 1-10	6
171	Fetal Programming and Sexual Dimorphism of Mitochondrial Protein Expression and Activity of Hearts of Prenatally Hypoxic Guinea Pig Offspring. <b>2019</b> , 2019, 7210249	7
170	Immunological Basis of In Utero Programming of Adult Disease. <b>2019</b> , 57-66	
169	Low Birthweight Is Associated with Higher Risk of High Blood Pressure in Chinese Girls: Results from a National Cross-Sectional Study in China. <b>2019</b> , 16,	2
168	Relationship between prenatal and postnatal conditions and accelerated postnatal growth. Impact on the rigidity of the arterial wall and obesity in childhood. <b>2019</b> , 10, 436-446	2
167	Association of birth outcomes and postnatal growth with adult leukocyte telomere length: Data from New Delhi Birth Cohort. <b>2019</b> , 15, e12857	3
166	Maternal and Offspring Genetic Risk of Type 2 Diabetes and Offspring Birthweight Among African Ancestry Populations. <b>2019</b> , 104, 5032-5042	3
165	Is maternal weight gain between pregnancies associated with risk of large-for-gestational age birth? Analysis of a UK population-based cohort. <b>2019</b> , 9, e026220	12
164	BMI-associated gene variants in and cardiometabolic and brain disease: obesity or pleiotropy?. <b>2019</b> , 51, 311-322	6

163	Preterm Birth is Associated With Increased Blood Pressure in Young Adult Women. <b>2019</b> , 8, e012274	15
162	Decreased insulin sensitivity and abnormal glucose metabolism start in preadolescence in low-birth-weight children-Meta-analysis and systematic review. <b>2019</b> , 13, 391-398	6
161	Early-Life Exposure to the Chinese Famine Is Associated with Higher Methylation Level in the INSR Gene in Later Adulthood. <b>2019</b> , 9, 3354	10
160	Endocrine-Mediated Mechanisms of Metabolic Disruption and New Approaches to Examine the Public Health Threat. <b>2019</b> , 10, 39	28
159	Renal injury after uninephrectomy in male and female intrauterine growth-restricted aged rats. <b>2019</b> , 14, e0213404	3
158	Metformin reduces maternal weight gain in obese pregnant women: A systematic review and meta-analysis of two randomized controlled trials. <b>2019</b> , 35, e3164	7
157	Short-Term Neonatal Oral Administration of Oleanolic Acid Protects against Fructose-Induced Oxidative Stress in the Skeletal Muscles of Suckling Rats. <b>2019</b> , 24,	4
156	Birth weight and risk of type 2 diabetes: A dose-response meta-analysis of cohort studies. <b>2019</b> , 35, e3144	10
155	A proteomics-metabolomics approach indicates changes in hypothalamic glutamate-GABA metabolism of adult female rats submitted to intrauterine growth restriction. <b>2019</b> , 58, 3059-3068	8
154	Maternal undernutrition during pregnancy alters the epigenetic landscape and the expression of endothelial function genes in male progeny. <b>2019</b> , 61, 53-63	5
153	Prenatal Programming of Hypertension and Kidney and Cardiovascular Disease. <b>2019</b> , 139-150	
152	Perinatal sclerostin concentrations in abnormal fetal growth: the impact of gestational diabetes. <b>2019</b> , 32, 2228-2232	4
151	Oxygen therapy in premature low birth weight infants is associated with capillary loss and increases in blood pressure: a pilot study. <b>2020</b> , 34, 278-285	4
150	Association between socioeconomic status and small-for-gestational-age in Japan: A single center retrospective cohort study. <b>2020</b> , 46, 110-118	2
149	Changes in the prevalence of overweight/obesity and adiposity among pre-school children in Kraków, Poland, from 2008 to 2018. <b>2020</b> , 52, 895-906	9
148	Human nephron number, hypertension, and renal pathology. <b>2020</b> , 303, 2537-2543	7
147	Macrosomia and psychiatric risk in adolescence. <b>2020</b> , 29, 1537-1545	4
146	Anti-obesity effects of enzyme-treated celery extract in mice fed with high-fat diet. <b>2020</b> , 44, e13105	3

145	Prenatal Hyperglycemia Exposure and Cellular Stress, a Sugar-Coated View of Early Programming of Metabolic Diseases. <b>2020</b> , 10,	4
144	Birth weight is inversely correlated with blood pressure: population-based study. <b>2020</b> , 38, 2205-2214	7
143	Paternal exercise protects against liver steatosis in the male offspring of mice submitted to high fat diet. <b>2020</b> , 263, 118583	3
142	Impact of embryo culture and transfer on blood pressure regulation in the adolescent lamb. <b>2021</b> , 12, 731-737	0
141	Premature birth, low birth weight, small for gestational age and chronic non-communicable diseases in adult life: A systematic review with meta-analysis. <b>2020</b> , 149, 105154	16
140	Birthweight predicts adult cardiovascular disorders: Population based cross sectional survey. <b>2020</b> , 43, 1133-1141	3
139	Divergent Trends in the Effects of Early-Life Factors on Adult Health. <b>2021</b> , 40, 1119-1148	3
138	Birth Weight and Adult-Onset Hearing Loss. <b>2020</b> , 41, 1208-1214	2
137	Prenatal and early postnatal food restrictions cause changes in brain oxidative status and orexigenic/anorexigenic hormones in the offspring of rats: prevention by quercetin and kaempferol. <b>2020</b> , 1, 39-52	2
136	Mendelian randomization analysis does not support causal associations of birth weight with hypertension risk and blood pressure in adulthood. <b>2020</b> , 35, 685-697	2
135	Birthweight and Lipids in Adult Life: Population-Based Cross Sectional Study. <b>2020</b> , 55, 365-374	5
134	Epigenetics factors in nonalcoholic fatty liver disease. <b>2020</b> , 1-16	4
133	Racial residential segregation and black low birth weight, 1970-2010. <b>2020</b> , 83, 103542	2
132	Effects of maternal hepatitis B surface antigen positive status on the pregnancy outcomes: A retrospective study in Xiamen, China, 2011-2018. <b>2020</b> , 15, e0229732	5
131	Fetal Renal DNA Methylation and Developmental Programming of Stress-Induced Hypertension in Growth-Restricted Male Mice. <b>2020</b> , 27, 1110-1120	3
130	Maternal obesity alters circRNA expression and the potential role of mmu_circRNA_0000660 via sponging miR_693 in offspring liver at weaning age. <b>2020</b> , 731, 144354	8
129	Associations of birthweight and history of childhood obesity with beta cell mass in Japanese adults. <b>2020</b> , 63, 1199-1210	8
128	Birth Weight and Maternal Body Size as Determinants of Blood Pressure at Age 17: Results from the Jerusalem Perinatal Study Cohort. <b>2021</b> , 25, 162-171	1

127	Developmental origins of metabolic diseases. <b>2021</b> , 101, 739-795	29
126	Overweight and Obesity Among Saudi Children: Prevalence, Lifestyle Factors, and Health Impacts. <b>2021</b> , 1155-1179	
125	Folic Acid Fortification Prevents Morphological and Behavioral Consequences of X-Ray Exposure During Neurulation. <b>2020</b> , 14, 609660	2
124	Minerals in pregnancy and newborns. <b>2021</b> , 155-177	
123	Cardiovascular disorders and epigenetics. <b>2021</b> , 197-211	0
122	Relationship between Birth Weight and Future Cardiovascular Risks in Japanese in View of the Developmental Origins of Health and Disease (DOHad) Theory. <b>2021</b> ,	1
121	Immune dysfunction in developmental programming of type 2 diabetes mellitus. <b>2021</b> , 17, 235-245	5
120	Understanding the association between gradient of cooking fuels and low birth weight in India. <b>2021</b> , 13, 100732	2
119	Considering intrauterine location in a model of fetal growth restriction after maternal titanium dioxide nanoparticle inhalation. <b>2021</b> , 3,	1
118	Low Birth Weight Increases the Risk of Sudden Cardiac Death in the Young: A Nationwide Study of 2.2 Million People. <b>2021</b> , 10, e018314	3
117	Maternal exposure to air pollutants, PCSK9 levels, fetal growth and gestational age - An Italian cohort. <b>2021</b> , 149, 106163	2
116	The factors affecting the physical development of neonates in pregnant women with or without gestational diabetes mellitus. <b>2021</b> , 16, e0251024	
115	Postnatal persistence of cardiac remodeling and dysfunction in late fetal growth restriction. <b>2021</b> , 73, 471-481	0
114	Maternal exposure to cooking smoke and risk of low birth weight in India. <b>2021</b> , 774, 145717	2
113	The Association Between High Birth Weight and Long-Term Outcomes-Implications for Assisted Reproductive Technologies: A Systematic Review and Meta-Analysis. <b>2021</b> , 9, 675775	2
112	Revisiting Regulators of Human $\beta$ cell Mass to Achieve $\beta$ cell-centric Approach Toward Type 2 Diabetes. <b>2021</b> , 5, bvab128	0
111	Relationship between weight retention at 6 weeks postpartum and the risk of large-for-gestational age birth in a second pregnancy in China: a retrospective cohort study. <b>2021</b> , 11, e049903	1
110	Greater insulin resistance in short children born small-for-gestational age than in children with growth hormone deficiency at the early period of growth hormone therapy. <b>2021</b> , 63, 1180-1184	1

109	Birthweight predicts glomerular filtration rate in adult-life: population based cross sectional study. <b>2021</b> , 43, 664-675	0
108	Developmental Origins of Cardiovascular Disease, Type 2 Diabetes and Obesity in Humans. <b>2006</b> , 8-28	4
107	Experimental evidence for long-term programming effects of early diet. <b>2005</b> , 569, 24-32	12
106	Epidemiology of Obesity. <b>2014</b> , 2229-2262	9
105	Experimental Models of Maternal Obesity and High-Fat Diet During Pregnancy and Programmed Obesity in the Offspring. <b>2011</b> , 241-259	2
104	Fetal Effects on Insulin Resistance and Glucose Tolerance. <b>1999</b> , 35-49	3
103	Developmental Exposure to Endocrine Disrupting Chemicals: Is There a Connection with Birth and Childhood Weights?. <b>2012</b> , 283-321	1
102	Life Course Health Development Outcomes After Prematurity: Developing a Community, Clinical, and Translational Research Agenda to Optimize Health, Behavior, and Functioning. <b>2018</b> , 321-348	4
101	Overweight and Obesity Among Saudi Children: Prevalence, Lifestyle Factors, and Health Impacts. <b>2020</b> , 1-25	3
100	Childhood Obesity: The Impact of Maternal Obesity on Childhood Obesity. <b>2012</b> , 255-270	4
99	Maternal Diabesity and Developmental Programming in the Offspring. <b>2012</b> , 133-154	1
98	Developmental Origins of Health and Diseases (DOHaD): Perspective Toward Preemptive Medicine. <b>2017</b> , 237-250	3
97	The Developmental Origins of Health and Disease (DOHaD) Concept. <b>2016</b> , 1-15	16
96	Abnormalities of Fetal Growth. <b>2005</b> , 32-45	2
95	Diabetes in Pregnancy. <b>2009</b> , 953-993	4
94	Prenatal exposure to phthalate esters and its impact on child development. <b>2021</b> , 35, 101478	6
93	Human Growth: Assessment and Interpretation. <b>2003</b> ,	44
92	Body mass index, abdominal adiposity and blood pressure: consistency of their association across developing and developed countries.	3

91	Prevalence and risk factors for overweight and obesity in children from Seychelles, a country in rapid transition: the importance of early growth.	1
90	Placental function in maternal obesity. <b>2020</b> , 134, 961-984	30
89	Commentary: Maternal smoking during pregnancy and obesity in the offspring. <b>2002</b> , 31, 420-421	1
88	What is the role of obesity in hypertension and target organ injury in African Americans?. <b>1999</b> , 317, 147-51	20
87	Weight change, ideal weight and hypertension. <b>1999</b> , 8, 343-6	12
86	Fetal programming of immune function and respiratory disease. <b>1997</b> , 27, 1377-1379	12
85	Prenatal dexamethasone exposure induces changes in nonhuman primate offspring cardiometabolic and hypothalamic-pituitary-adrenal axis function. <b>2007</b> , 117, 1058-67	172
84	Epidemiology of the Health and Economic Consequences of Pediatric Obesity. <b>2005</b> , 1-18	2
83	Prenatal glucocorticoid exposure and adult pathophysiology. <b>2005</b> , 49-59	2
82	Impact of low dose prenatal ethanol exposure on glucose homeostasis in Sprague-Dawley rats aged up to eight months. <b>2013</b> , 8, e59718	20
81	Birth weight reference percentiles for Chinese. <b>2014</b> , 9, e104779	135
80	Decreasing birth weight is associated with adverse metabolic profile and lower stature in childhood and adolescence. <b>2015</b> , 10, e0119433	6
79	Low Birth Weight and Risk of Progression to End Stage Renal Disease in IgA Nephropathy--A Retrospective Registry-Based Cohort Study. <b>2016</b> , 11, e0153819	19
78	Effect of metformin on maternal and neonatal outcomes in pregnant obese non-diabetic women: A meta-analysis. <b>2017</b> , 15, 461-470	16
77	Does metformin reduce excess birthweight in offspring of obese pregnant women? A randomised controlled trial of efficacy, exploration of mechanisms and evaluation of other pregnancy complications. <b>2016</b> , 3, 1-800	4
76	Mechanisms of developmental programming of the metabolic syndrome and related disorders. <b>2010</b> , 1, 89-98	42
75	Insulin sensitivity obtained from the oral glucose tolerance test and its relationship with birthweight. <b>2007</b> , 27, 13-7	3
74	Hypertension in children with obesity. <b>2014</b> , 4, 15	6

- 73 Longevity is impacted by growth hormone action during early postnatal period. **2017**, 6, 34
- 72 Interpregnancy weight gain and childhood obesity: analysis of a UK population-based cohort. **2021**, 0
- 71 Insights into the Mechanisms of Fetal Growth Restriction-Induced Programming of Hypertension. **2021**, 14, 141-152 0
- 70 Metabolic implications of pancreatic fat accumulation. **2022**, 18, 43-54 2
- 69 Die Kieler Adipositaspräventionsstudie (KOPS) - Ein Erfahrungsbericht. **2000**, 9, 108-115
- 68 Is Type 2 Diabetes the Result of a "thrifty Genotype" or a "thrifty Phenotype"?
- 67 Maternal Nutrition for Normal Intrauterine Growth. **2004**, 53-76
- 66 Prenatal programming of postnatal obesity. **2005**, 73-83
- 65 Early Environments. **2006**, 43-63 0
- 64 Metabolic risk factors for vascular disease in women. **2006**, 37-51
- 63 Nutritional Epidemiology. **2007**, 63-89
- 62 Epidemiology of Type 2 Diabetes in Children and Adolescents. **2007**, 357-374
- 61 High and Low Birth Weights as Risk Factors for Diabetes. **2008**, 157-164
- 60 Hypertension in the Developing World. **2011**, 485-496
- 59 Abnormal Fetal Growth Related to Maternal Obesity. 110-122
- 58 References. **2011**, 189-202
- 57 Obesity in pregnancy: why we must be concerned about maternal nutrition again. **2012**, 12, e5459-e5459
- 56 Hypertension and Cardiovascular Disease in Developing Countries. **2013**, 475-488

- 55 Developmental Origins of Disease: The Role of Oxidative Stress. **2014**, 117-125
- 54 Developmental Origins of Diabetes: The Role of Epigenetics. **2014**, 139-156
- 53 The Concept of Low Birth Weight and Renal Disease. **1998**, 123-130
- 52 Metabolomics and Fetal-Neonatal Nutrition. 357-364
- 51 Fetal Imaging and Effects of Exposures on Growth and Function. **2016**, 171-212
- 50 Morbidity Due to Obesity, Hypertension and Diabetes II Attributable to Non-Breastfeeding and Low Birth Weight during the 1000 Days of Life: Estimation of the Population Attributable Fraction. **2016**, 08, 386-401
- 49 Anti-obese Function of Polysaccharides derived from Korean Ginseng (*Panax ginseng* C.A. Meyer) and Development of Functional Food Material in Preventing Obesity. **2016**, 31, 71-77 1
- 48 Microsimulation Models to Assess Impact of Health Programs to Address Obesity and Low Birth Weight in Indonesia. 35-60
- 47 Longer Breastfeeding in Infancy Decreases Systolic Hypertension Risk in Young Adults. **2016**, 66, 221-226
- 46 Epigenetics, Telomeres, MicroRNA, and System Biology in Fetal Programming. **2017**, 309-328
- 45 Foraging theory and the propensity to be obese: an alternative to thrift. 0
- 44 The Contributions of Perinatal Programming to Blood Pressure Levels in Childhood and Beyond. **2019**, 17-30
- 43 Early Childhood Contributions to Insulin Resistance. **2020**, 109-117
- 42 Maternal high-fat diet regulates glucose metabolism and pancreatic  $\beta$  cell phenotype in mouse offspring at weaning. **2020**, 8, e9407 2
- 41 Pediatric Hypertension (HTN) Assessed by Various Methods: A Study among Pediatric Inpatients in University Hospital Gabriel Tour&#233; (UH-GT). **2020**, 10, 144-154
- 40 The Perinatal Condition Around Birth and Cardiovascular Risk Factors in the Japanese General Population: The Suita Study. **2020**, 27, 204-214 2
- 39 The Patient at Risk for Diabetes Considering Prevention. **2006**, 289-302
- 38 Early Childhood Contributions to Insulin Resistance. **2008**, 81-92

37	Association of Prepregnancy BMI, Gestational Weight Gain, and Child Birth Weight with Metabolic Dysfunction in Children and Adolescents with Obesity. <b>2020</b> , 113, 482-487	1
36	Model Averaging Methods for Weight Trimming. <b>2008</b> , 24, 517-540	10
35	Heart rate variability and metabolic rate in healthy young adults with low birth weight. <b>2013</b> , 3, 239-46	4
34	Effect of metformin on maternal and neonatal outcomes in pregnant obese non-diabetic women: A meta-analysis. <b>2017</b> , 15, 461-470	8
33	IndEcho study: cohort study investigating birth size, childhood growth and young adult cardiovascular risk factors as predictors of midlife myocardial structure and function in South Asians. <b>2018</b> , 8, e019675	3
32	Association between birthweight and hearing loss in older adults.. <b>2022</b> , 157, 57-61	1
31	Prenatal exposure to air pollution and the risk of macrosomia: Identifying windows of susceptibility. <b>2021</b> , 151775	4
30	Fetal programming of human energy homeostasis brain networks: Issues and considerations. <b>2021</b> , e13392	0
29	IndEcho study: cohort study investigating birth size, childhood growth and young adult cardiovascular risk factors as predictors of midlife myocardial structure and function in South Asians. <b>2018</b> , 8, e019675	3
28	Assessing the Content and Quality of Digital Tools for Managing Gestational Weight Gain: A Systematic Search and Evaluation (Preprint).	
27	Elevated Blood Pressure ( $\geq 120/80$ mmHg) Is Associated with Elevated Serum Plasminogen Activator Inhibitor-1, Low Birth Weight, and Family History of Diabetes in Young Normal Weight Japanese Women.. <b>2021</b> ,	
26	The impact of neonatal parameters and parental factors on body fat level in early childhood.. <b>2022</b> , 1-8	
25	Obesity I: Overview and molecular and biochemical mechanisms.. <b>2022</b> , 115012	6
24	Hypertension in the Developing World. <b>2022</b> , 1-14	
23	Image_1.TIFF. <b>2021</b> ,	
22	Image_2.TIFF. <b>2021</b> ,	
21	Image_3.TIFF. <b>2021</b> ,	
20	Image_4.TIFF. <b>2021</b> ,	

- 19 Image\_5.TIFF. **2021**,
- 18 Table\_1.DOCX. **2021**,
- 17 Spectral-domain OCT measurements in obesity: A systematic review and meta-analysis.. **2022**, 17, e0267495 ○
- 16 Pregnancy homocysteine and cobalamin status predict childhood metabolic health in the offspring.
- 15 The Relationship of Birth Size and Postnatal Growth with Cellular Senescence in Adults: Data from the New Delhi Birth Cohort.
- 14 Gestational diabetes mellitus placentas exhibit epimutations at placental development genes. 1-21 ○
- 13 Health Outcomes in Children Associated with Prenatal and Early-Life Exposures to Air Pollution: A Narrative Review. **2022**, 10, 458 1
- 12 Birth weight and long-term risk of mortality among US men and women: Results from three prospective cohort studies. **2022**, 15, 100344
- 11 Sex-specific effects of maternal weight loss on offspring cardiometabolic outcomes in the obese preeclamptic-like mouse model, BPH /5. **2022**, 10, ○
- 10 Both indirect maternal and direct fetal genetic effects reflect the observational relationship between higher birth weight and lower adult bone mass. **2022**, 20, ○
- 9 Childhood Factors in Adult Risk for Cardiovascular Disease. **2022**, 101-126 ○
- 8 Assessing the Content and Quality of Digital Tools for Managing Gestational Weight Gain: A Systematic Search and Evaluation (Preprint). ○
- 7 Nephrons, podocytes and chronic kidney disease: Strategic antihypertensive therapy for renoprotection. ○
- 6 Lower birth weight is linked to poorer cardiovascular health in middle-aged population-based adults. heartjnl-2022-321733 ○
- 5 Hypertension in the Developing World. **2023**, 739-752 ○
- 4 Autocrine Effects in White Adipose Tissue and Pancreatic Islets: Emergent Roles in the Regulation of Adipocyte and Pancreatic  $\beta$ cell Function. **2011**, 10-43 ○
- 3 Epidemiology of Obesity. **2023**, 1-47 ○
- 2 Maternal and fetal origins of offspring blood pressure: statistical analysis using genetic correlation and genetic risk score-based Mendelian randomization. ○

- 1 Blood pressure and cardiovascular risk in relation to birth weight and urinary sodium: an individual-participant meta-analysis of European family-based population studies. Publish Ahead of Print, ○