

Mark H Vickers

List of Publications by Year in descending order

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Version: 2024-02-01

173
papers

8,918
citations

57719

44
h-index

45285

90
g-index

181
all docs

181
docs citations

181
times ranked

8663
citing authors

#	ARTICLE	IF	CITATIONS
1	Early life nutrition and neuroendocrine programming. <i>Neuropharmacology</i> , 2022, 205, 108921.	2.0	6
2	Maternal intake of fructose or artificial sweetener during pregnancy and lactation has persistent effects on metabolic and reproductive health of dams post-weaning. <i>Journal of Developmental Origins of Health and Disease</i> , 2022, 13, 642-649.	0.7	4
3	“Can I Eat That?” New Zealand Mothers’ Views of Pregnancy and Early-Life Nutrition Information. , 2022, 9, .		0
4	Utility of preclinical models of altered maternal nutrition to support the developmental origins of health and disease hypothesis. <i>Clinical Science</i> , 2022, 136, 711-714.	1.8	3
5	The Developmental Origins of Health and Disease: Adolescence as a Critical Lifecourse Period to Break the Transgenerational Cycle of NCDs—A Narrative Review. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6024.	1.2	13
6	Maternal exercise alters rat fetoplacental stress response: Minimal effects of maternal growth restriction and high-fat feeding. <i>Placenta</i> , 2021, 104, 57-70.	0.7	3
7	Preterm human milk: associations between perinatal factors and hormone concentrations throughout lactation. <i>Pediatric Research</i> , 2021, 89, 1461-1469.	1.1	9
8	First 1000 days: New Zealand Mothers’ perceptions of early life nutrition resources. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, , 1-7.	0.7	2
9	Maternal and Infant Factors Influencing Human Milk Oligosaccharide Composition: Beyond Maternal Genetics. <i>Journal of Nutrition</i> , 2021, 151, 1383-1393.	1.3	25
10	Epigenetics, microRNA and Metabolic Syndrome: A Comprehensive Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5047.	1.8	38
11	Metabolic Hormone Profiles in Breast Milk From Mothers of Moderate-Late Preterm Infants Are Associated With Growth From Birth to 4 Months in a Sex-Specific Manner. <i>Frontiers in Nutrition</i> , 2021, 8, 641227.	1.6	2
12	The association of maternal gestational hyperglycemia with breastfeeding duration and markers of milk production. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 1219-1228.	2.2	5
13	Identifying the lungs as a susceptible site for allele-specific regulatory changes associated with type 1 diabetes risk. <i>Communications Biology</i> , 2021, 4, 1072.	2.0	2
14	Birth Weight and Adolescent Health Indicators in Rarotonga, Cook Islands. <i>Asia-Pacific Journal of Public Health</i> , 2021, , 101053952110467.	0.4	1
15	A Maternal High Fat Diet Leads to Sex-Specific Programming of Mechanical Properties in Supraspinatus Tendons of Adult Rat Offspring. <i>Frontiers in Nutrition</i> , 2021, 8, 729427.	1.6	1
16	Maternal undernutrition during pregnancy and lactation increases transcription factors, ETV5 and GDNF, and alters regulation of apoptosis and heat shock proteins in the testis of adult offspring in the rat. <i>Reproduction, Fertility and Development</i> , 2021, 33, 484.	0.1	1
17	Impact of Maternal Intake of Artificial Sweetener, Acesulfame-K, on Metabolic and Reproductive Health Outcomes in Male and Female Mouse Offspring. <i>Frontiers in Nutrition</i> , 2021, 8, 745203.	1.6	3
18	Hi-C detects novel structural variants in HL-60 and HL-60/S4 cell lines. <i>Genomics</i> , 2020, 112, 151-162.	1.3	15

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19	Cyclic glycine-proline normalizes systolic blood pressure in high-fat diet-induced obese male rats. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 339-346.	1.1	9
20	Long-term effects of a maternal high-fat: high-fructose diet on offspring growth and metabolism and impact of maternal taurine supplementation. <i>Journal of Developmental Origins of Health and Disease</i> , 2020, 11, 419-426.	0.7	7
21	The effects of myo-inositol and probiotic supplementation in a high-fat-fed preclinical model of glucose intolerance in pregnancy. <i>British Journal of Nutrition</i> , 2020, 123, 516-528.	1.2	9
22	The 20-kDa Placental GH Variant: A New and Improved Growth Hormone?. <i>Endocrinology</i> , 2020, 161, .	1.4	0
23	Supporting Cook Island communities to access DOHaD evidence. <i>Journal of Developmental Origins of Health and Disease</i> , 2020, 11, 564-572.	0.7	5
24	Growth Factor Concentrations in Human Milk Are Associated With Infant Weight and BMI From Birth to 5 Years. <i>Frontiers in Nutrition</i> , 2020, 7, 110.	1.6	26
25	Maternal undernutrition during pregnancy and lactation affects testicular morphology, the stages of spermatogenic cycle, and the testicular IGF-I system in adult offspring. <i>Journal of Developmental Origins of Health and Disease</i> , 2020, 11, 473-483.	0.7	6
26	Sexually Dimorphic Associations between Maternal Factors and Human Milk Hormonal Concentrations. <i>Nutrients</i> , 2020, 12, 152.	1.7	19
27	DOHaD in low- and middle-income countries: a systematic review exploring gaps in DOHaD population studies. <i>Journal of Developmental Origins of Health and Disease</i> , 2020, 11, 557-563.	0.7	6
28	Consumption of the Artificial Sweetener Acesulfame Potassium throughout Pregnancy Induces Glucose Intolerance and Adipose Tissue Dysfunction in Mice. <i>Journal of Nutrition</i> , 2020, 150, 1773-1781.	1.3	17
29	Nutritional Supplementation for the Prevention and/or Treatment of Gestational Diabetes Mellitus. <i>Current Diabetes Reports</i> , 2019, 19, 73.	1.7	34
30	Early Life Developmental Programming of the GH/IGF Axis and Long-Term Health. <i>Healthy Ageing and Longevity</i> , 2019, , 67-86.	0.2	0
31	Feasibility of Standardized Human Milk Collection in Neonatal Care Units. <i>Scientific Reports</i> , 2019, 9, 14343.	1.6	9
32	Maternal undernutrition results in altered renal pro-inflammatory gene expression concomitant with hypertension in adult male offspring that is ameliorated following pre-weaning growth hormone treatment. <i>Journal of Developmental Origins of Health and Disease</i> , 2019, 10, 459-468.	0.7	1
33	Cyclic glycine-proline administration normalizes high-fat diet-induced synaptophysin expression in obese rats. <i>Neuropeptides</i> , 2019, 76, 101935.	0.9	9
34	Preclinical Models of Altered Early Life Nutrition and Development of Reproductive Disorders in Female Offspring. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1134, 59-87.	0.8	4
35	Developmental Programming and Transgenerational Transmission of Obesity. , 2019, , 1395-1412.		0
36	TNF- α Differentially Regulates Cell Cycle Genes in Promyelocytic and Granulocytic HL-60/S4 Cells. G3: Genes, Genomes, Genetics, 2019, 9, 2775-2786.	0.8	3

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37	The role of adipokines in developmental programming: evidence from animal models. <i>Journal of Endocrinology</i> , 2019, 242, T81-T94.	1.2	10
38	Utility of Small Animal Models of Developmental Programming. <i>Methods in Molecular Biology</i> , 2018, 1735, 145-163.	0.4	11
39	Human Placental Growth Hormone Variant in Pathological Pregnancies. <i>Endocrinology</i> , 2018, 159, 2186-2198.	1.4	24
40	Genome organization: connecting the developmental origins of disease and genetic variation. <i>Journal of Developmental Origins of Health and Disease</i> , 2018, 9, 260-265.	0.7	0
41	Type 1 Diabetes Mellitus-Associated Genetic Variants Contribute to Overlapping Immune Regulatory Networks. <i>Frontiers in Genetics</i> , 2018, 9, 535.	1.1	39
42	Migration through a small pore disrupts inactive chromatin organization in neutrophil-like cells. <i>BMC Biology</i> , 2018, 16, 142.	1.7	37
43	Effect of sildenafil citrate treatment in the eNOS knockout mouse model of fetal growth restriction on long-term cardiometabolic outcomes in male offspring. <i>Pharmacological Research</i> , 2018, 137, 122-134.	3.1	9
44	The Pathophysiology of Gestational Diabetes Mellitus. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3342.	1.8	858
45	Sex-Specific Human Milk Composition: The Role of Infant Sex in Determining Early Life Nutrition. <i>Nutrients</i> , 2018, 10, 1194.	1.7	75
46	Early-Life Nutrition, Epigenetics, and Altered Energy Balance Later in Life. , 2018, , 213-227.		0
47	Nutrition and Pregnancy Outcomes. , 2018, , 569-581.		0
48	Maternal High-Fat and High-Salt Diets Have Differential Programming Effects on Metabolism in Adult Male Rat Offspring. <i>Frontiers in Nutrition</i> , 2018, 5, 1.	1.6	101
49	The significance of DOHaD for Small Island Developing States. <i>Journal of Developmental Origins of Health and Disease</i> , 2018, 9, 487-491.	0.7	10
50	School-based primary NCD risk reduction: education and public health perspectives. <i>Health Promotion International</i> , 2017, 32, daw096.	0.9	17
51	Maternal plasma miRNAs as biomarkers during mid-pregnancy to predict later spontaneous preterm birth: a pilot study. <i>Scientific Reports</i> , 2017, 7, 815.	1.6	50
52	Absence of a gestational diabetes phenotype in the <i>LepRdb/+</i> mouse is independent of control strain, diet, misty allele, or parity. <i>Scientific Reports</i> , 2017, 7, 45130.	1.6	18
53	The impact of maternal obesity on inflammatory processes and consequences for later offspring health outcomes. <i>Journal of Developmental Origins of Health and Disease</i> , 2017, 8, 529-540.	0.7	48
54	Neonatal leptin treatment reverses the bone-suppressive effects of maternal undernutrition in adult rat offspring. <i>Scientific Reports</i> , 2017, 7, 7686.	1.6	4

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55	Fish oil supplementation to rats fed high-fat diet during pregnancy prevents development of impaired insulin sensitivity in male adult offspring. <i>Scientific Reports</i> , 2017, 7, 5595.	1.6	26
56	Conjugated Linoleic Acid Supplementation Improves Maternal High Fat Diet-Induced Programming of Metabolic Dysfunction in Adult Male Rat Offspring. <i>Scientific Reports</i> , 2017, 7, 6663.	1.6	24
57	The Effects of Maternal Under-Nutrition and a Post-Natal High Fat Diet on Lens Growth, Transparency and Oxidative Defense Systems in Rat Offspring. <i>Current Eye Research</i> , 2017, 42, 589-599.	0.7	1
58	A Memory of Early Life Physical Activity Is Retained in Bone Marrow of Male Rats Fed a High-Fat Diet. <i>Frontiers in Physiology</i> , 2017, 8, 476.	1.3	5
59	Manipulation of the Growth Hormone-Insulin-Like Growth Factor (GH-IGF) Axis: A Treatment Strategy to Reverse the Effects of Early Life Developmental Programming. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1729.	1.8	21
60	Experimental Models of Maternal Obesity and Neuroendocrine Programming of Metabolic Disorders in Offspring. <i>Frontiers in Endocrinology</i> , 2017, 8, 245.	1.5	27
61	The Effects of Myo-Inositol and B and D Vitamin Supplementation in the db/+ Mouse Model of Gestational Diabetes Mellitus. <i>Nutrients</i> , 2017, 9, 141.	1.7	23
62	Adolescents as agents of healthful change through scientific literacy development: A school-university partnership program in New Zealand. <i>International Journal of STEM Education</i> , 2017, 4, 15.	2.7	29
63	Developmental Programming and Transgenerational Transmission of Obesity. , 2017, , 1-18.		1
64	Realizing the Potential of Adolescence to Prevent Transgenerational Conditioning of Noncommunicable Disease Risk: Multi-Sectoral Design Frameworks. <i>Healthcare (Switzerland)</i> , 2016, 4, 39.	1.0	26
65	Maternal High Fat Diet Alters Skeletal Muscle Mitochondrial Catalytic Activity in Adult Male Rat Offspring. <i>Frontiers in Physiology</i> , 2016, 7, 546.	1.3	34
66	Adolescent education: an opportunity to create a Developmental Origins of Health and Disease (DOHAD) circuit breaker. <i>Journal of Developmental Origins of Health and Disease</i> , 2016, 7, 501-504.	0.7	15
67	Oxidized fish oil in rat pregnancy causes high newborn mortality and increases maternal insulin resistance. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R497-R504.	0.9	19
68	Early life nutrition and the opportunity to influence long-term health: an Australasian perspective. <i>Journal of Developmental Origins of Health and Disease</i> , 2016, 7, 440-448.	0.7	26
69	The Early Life Nutritional Environment, Epigenetics and Developmental Programming of Disease: Evidence from Animal Models. , 2016, , 41-71.		0
70	The Placental Variant of Human Growth Hormone Reduces Maternal Insulin Sensitivity in a Dose-Dependent Manner in C57BL/6J Mice. <i>Endocrinology</i> , 2016, 157, 1175-1186.	1.4	17
71	Maternal High-Fat Diet-Induced Loss of Fetal Oocytes Is Associated with Compromised Follicle Growth in Adult Rat Offspring ¹ . <i>Biology of Reproduction</i> , 2016, 94, 94.	1.2	47
72	Maternal-fetal hepatic and placental metabolome profiles are associated with reduced fetal growth in a rat model of maternal obesity. <i>Metabolomics</i> , 2016, 12, 1.	1.4	4

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73	Diet-induced obesity and prenatal undernutrition lead to differential neuroendocrine gene expression in the hypothalamic arcuate nuclei. <i>Endocrine</i> , 2016, 53, 839-847.	1.1	11
74	Maternal conjugated linoleic acid supplementation reverses high-fat diet-induced skeletal muscle atrophy and inflammation in adult male rat offspring. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R432-R439.	0.9	16
75	Maternal high fat and/or salt consumption induces sex-specific inflammatory and nutrient transport in the rat placenta. <i>Physiological Reports</i> , 2015, 3, e12399.	0.7	55
76	Maternal salt and fat intake causes hypertension and sustained endothelial dysfunction in fetal, weanling and adult male resistance vessels. <i>Scientific Reports</i> , 2015, 5, 9753.	1.6	30
77	Supplementation with complex milk lipids during brain development promotes neuroplasticity without altering myelination or vascular density. <i>Food and Nutrition Research</i> , 2015, 59, 25765.	1.2	17
78	Early Life Nutrition and Energy Balance Disorders in Offspring in Later Life. <i>Nutrients</i> , 2015, 7, 8090-8111.	1.7	81
79	Maternal high-fat diet-induced programming of gut taste receptor and inflammatory gene expression in rat offspring is ameliorated by CLA supplementation. <i>Physiological Reports</i> , 2015, 3, e12588.	0.7	15
80	Successive Generations in a Rat Model Respond Differently to a Constant Obesogenic Environment. <i>PLoS ONE</i> , 2015, 10, e0129779.	1.1	5
81	Early Life Exposure to Fructose Alters Maternal, Fetal and Neonatal Hepatic Gene Expression and Leads to Sex-Dependent Changes in Lipid Metabolism in Rat Offspring. <i>PLoS ONE</i> , 2015, 10, e0141962.	1.1	44
82	Different Short-Term Mild Exercise Modalities Lead to Differential Effects on Body Composition in Healthy Prepubertal Male Rats. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	5
83	Developmental Programming of Nonalcoholic Fatty Liver Disease: The Effect of Early Life Nutrition on Susceptibility and Disease Severity in Later Life. <i>BioMed Research International</i> , 2015, 2015, 1-12.	0.9	46
84	Different exercise modalities have distinct effects on the integrin-linked kinase (ILK) and Ca ²⁺ -signaling pathways in the male rat bone. <i>Physiological Reports</i> , 2015, 3, e12568.	0.7	6
85	Maternal taurine supplementation attenuates maternal fructose-induced metabolic and inflammatory dysregulation and partially reverses adverse metabolic programming in offspring. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 267-276.	1.9	28
86	Conjugated Linoleic Acid Supplementation During Pregnancy and Lactation Reduces Maternal High-Fat-Diet-Induced Programming of Early-Onset Puberty and Hyperlipidemia in Female Rat Offspring ¹ . <i>Biology of Reproduction</i> , 2015, 92, 40.	1.2	26
87	Early Life Exposure to Undernutrition Induces ER Stress, Apoptosis, and Reduced Vascularization in Ovaries of Adult Rat Offspring ¹ . <i>Biology of Reproduction</i> , 2015, 92, 110.	1.2	36
88	Maternal supplementation with conjugated linoleic acid in the setting of diet-induced obesity normalises the inflammatory phenotype in mothers and reverses metabolic dysfunction and impaired insulin sensitivity in offspring. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 1448-1457.	1.9	37
89	Prewaning GH Treatment Normalizes Body Growth Trajectory and Reverses Metabolic Dysregulation in Adult Offspring After Maternal Undernutrition. <i>Endocrinology</i> , 2015, 156, 3228-3238.	1.4	12
90	Magnesium sulfate has sex-specific, dose-dependent vasodilator effects on preterm placental vessels. <i>Biology of Sex Differences</i> , 2015, 6, 22.	1.8	7

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91	A Maternal High Fat Diet Programmes Endothelial Function and Cardiovascular Status in Adult Male Offspring Independent of Body Weight, Which is Reversed by Maternal Conjugated Linoleic Acid (CLA) Supplementation. PLoS ONE, 2015, 10, e0115994.	1.1	48
92	Early Life Exposure to Fructose and Offspring Phenotype: Implications for Long Term Metabolic Homeostasis. Journal of Obesity, 2014, 2014, 1-10.	1.1	58
93	Maternal Obesity, Inflammation, and Developmental Programming. BioMed Research International, 2014, 2014, 1-14.	0.9	158
94	The importance of early life in childhood obesity and related diseases: a report from the 2014 Gravidia Strategic Summit. Journal of Developmental Origins of Health and Disease, 2014, 5, 398-407.	0.7	11
95	High fat and/or high salt intake during pregnancy alters maternal meta-inflammation and offspring growth and metabolic profiles. Physiological Reports, 2014, 2, e12110.	0.7	45
96	Early-life growth hormone treatment to offspring of undernourished mothers alters metabolic parameters in primary adipocytes in adulthood. Growth Factors, 2014, 32, 34-40.	0.5	6
97	Developmental Programming and Transgenerational Transmission of Obesity. Annals of Nutrition and Metabolism, 2014, 64, 26-34.	1.0	97
98	Maternal nutritional history modulates the hepatic IGF-1/IGFBP axis in adult male rat offspring. Endocrine, 2014, 46, 70-82.	1.1	26
99	Thrifty metabolic programming in rats is induced by both maternal undernutrition and postnatal leptin treatment, but masked in the presence of both: implications for models of developmental programming. BMC Genomics, 2014, 15, 49.	1.2	32
100	Let-7 miRNA Profiles Are Associated With the Reversal of Left Ventricular Hypertrophy and Hypertension in Adult Male Offspring From Mothers Undernourished During Pregnancy After Prewaning Growth Hormone Treatment. Endocrinology, 2014, 155, 4808-4817.	1.4	30
101	Early Life Nutrition, Epigenetics and Programming of Later Life Disease. Nutrients, 2014, 6, 2165-2178.	1.7	280
102	Serum concentrations of fully and undercarboxylated osteocalcin do not vary between estrous cycle stages in Sprague-Dawley rats. Endocrine, 2013, 44, 809-811.	1.1	4
103	Prewaning Growth Hormone Treatment Ameliorates Adipose Tissue Insulin Resistance and Inflammation in Adult Male Offspring Following Maternal Undernutrition. Endocrinology, 2013, 154, 2676-2686.	1.4	31
104	Timing of Maternal Exposure to a High Fat Diet and Development of Obesity and Hyperinsulinemia in Male Rat Offspring: Same Metabolic Phenotype, Different Developmental Pathways?. Journal of Nutrition and Metabolism, 2013, 2013, 1-11.	0.7	38
105	Effects of Taurine Supplementation on Hepatic Markers of Inflammation and Lipid Metabolism in Mothers and Offspring in the Setting of Maternal Obesity. PLoS ONE, 2013, 8, e76961.	1.1	53
106	Tissue-Specific 5' Heterogeneity of PPAR α Transcripts and Their Differential Regulation by Leptin. PLoS ONE, 2013, 8, e67483.	1.1	9
107	Pre-Waning Growth Hormone Treatment Reverses Hypertension and Endothelial Dysfunction in Adult Male Offspring of Mothers Undernourished during Pregnancy. PLoS ONE, 2013, 8, e53505.	1.1	41
108	Pre-Waning Growth Hormone Treatment Ameliorates Bone Marrow Macrophage Inflammation in Adult Male Rat Offspring following Maternal Undernutrition. PLoS ONE, 2013, 8, e68262.	1.1	28

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109	Moderate Exercise during Pregnancy in Wistar Rats Alters Bone and Body Composition of the Adult Offspring in a Sex-Dependent Manner. PLoS ONE, 2013, 8, e82378.	1.1	20
110	Maternal undernutrition during critical windows of development results in differential and sex-specific effects on postnatal adiposity and related metabolic profiles in adult rat offspring. British Journal of Nutrition, 2012, 108, 298-307.	1.2	70
111	The Effect of Neonatal Leptin Antagonism in Male Rat Offspring Is Dependent upon the Interaction between Prior Maternal Nutritional Status and Post-Weaning Diet. Journal of Nutrition and Metabolism, 2012, 2012, 1-10.	0.7	16
112	Increased systolic blood pressure in rat offspring following a maternal low-protein diet is normalized by maternal dietary choline supplementation. Journal of Developmental Origins of Health and Disease, 2012, 3, 342-349.	0.7	30
113	Adolescent understanding of DOHaD concepts: a school-based intervention to support knowledge translation and behaviour change. Journal of Developmental Origins of Health and Disease, 2012, 3, 469-482.	0.7	37
114	Nature, nurture or nutrition? Impact of maternal nutrition on maternal care, offspring development and reproductive function. Journal of Physiology, 2012, 590, 2167-2180.	1.3	132
115	Leptin as mediator of the effects of developmental programming. Best Practice and Research in Clinical Endocrinology and Metabolism, 2012, 26, 677-687.	2.2	61
116	Strategies for Reversing the Effects of Metabolic Disorders Induced as a Consequence of Developmental Programming. Frontiers in Physiology, 2012, 3, 242.	1.3	57
117	Voluntary exercise in pregnant rats improves post-lactation maternal bone parameters but does not affect offspring outcomes in early life. Journal of Musculoskeletal Neuronal Interactions, 2012, 12, 199-208.	0.1	6
118	Voluntary exercise in pregnant rats positively influences fetal growth without initiating a maternal physiological stress response. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R1134-R1141.	0.9	13
119	Pre- and Postnatal Methyl Deficiency in the Rat Differentially Alters Glucose Homeostasis. Journal of Nutrigenetics and Nutrigenomics, 2011, 4, 175-191.	1.8	7
120	The atypical anti-psychotic clozapine decreases bone mass in rats in vivo. Schizophrenia Research, 2011, 126, 291-297.	1.1	17
121	7 Feast or Famine: In the fast lane to puberty. , 2011, , 59-68.		0
122	Olanzapine effects on body composition, food preference, glucose metabolism and insulin sensitivity in the rat. Archives of Physiology and Biochemistry, 2011, 117, 241-249.	1.0	40
123	The application of a model of glucose and insulin dynamics to explain an observed effect of leptin administration in reversal of developmental programming. Mathematical Biosciences, 2011, 229, 109-114.	0.9	2
124	Offspring of Mothers Fed a High Fat Diet Display Hepatic Cell Cycle Inhibition and Associated Changes in Gene Expression and DNA Methylation. PLoS ONE, 2011, 6, e21662.	1.1	151
125	A maternal high-fat diet in rat pregnancy reduces growth of the fetus and the placental junctional zone, but not placental labyrinth zone growth. Journal of Developmental Origins of Health and Disease, 2011, 2, 63-70.	0.7	51
126	Loss of the pregnancy-induced rise in cortisol concentrations in the ewe impairs the fetal insulin-like growth factor axis. Reproduction, Fertility and Development, 2011, 23, 665.	0.1	4

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127	Gene expression profiling in the Cynomolgus macaque <i>Macaca fascicularis</i> shows variation within the normal birth range. <i>BMC Genomics</i> , 2011, 12, 509.	1.2	12
128	Maternal Obesity and Developmental Programming of Metabolic Disorders in Offspring: Evidence from Animal Models. <i>Experimental Diabetes Research</i> , 2011, 2011, 1-9.	3.8	161
129	Maternal Fructose Intake during Pregnancy and Lactation Alters Placental Growth and Leads to Sex-Specific Changes in Fetal and Neonatal Endocrine Function. <i>Endocrinology</i> , 2011, 152, 1378-1387.	1.4	136
130	Developmental programming of the metabolic syndrome - critical windows for intervention. <i>World Journal of Diabetes</i> , 2011, 2, 137.	1.3	62
131	Maternal high fat diet during critical windows of development alters adrenal cortical and medullary enzyme expression in adult male rat offspring. <i>Journal of Developmental Origins of Health and Disease</i> , 2010, 1, 245-254.	0.7	9
132	Maternal Undernutrition Significantly Impacts Ovarian Follicle Number and Increases Ovarian Oxidative Stress in Adult Rat Offspring. <i>PLoS ONE</i> , 2010, 5, e15558.	1.1	124
133	Short-term voluntary exercise in the rat causes bone modeling without initiating a physiological stress response. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 299, R1037-R1043.	0.9	7
134	NNZ-2591, a novel diketopiperazine, prevented scopolamine-induced acute memory impairment in the adult rat. <i>Behavioural Brain Research</i> , 2010, 210, 221-228.	1.2	25
135	Maternal supplementation with a complex milk lipid mixture during pregnancy and lactation alters neonatal brain lipid composition but lacks effect on cognitive function in rats. <i>Nutrition Research</i> , 2010, 30, 279-289.	1.3	48
136	Transcriptional Profiling of Rats Subjected to Gestational Undernourishment: Implications for the Developmental Variations in Metabolic Traits. <i>PLoS ONE</i> , 2009, 4, e7271.	1.1	33
137	Impaired Perinatal Growth and Longevity: A Life History Perspective. <i>Current Gerontology and Geriatrics Research</i> , 2009, 2009, 1-6.	1.6	5
138	20-kDa placental hGH-V has diminished diabetogenic and lactogenic activities compared with 22-kDa hGH-N while retaining antilipogenic activity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 297, E629-E637.	1.8	14
139	Maternal nutritional history predicts obesity in adult offspring independent of postnatal diet. <i>Journal of Physiology</i> , 2009, 587, 905-915.	1.3	390
140	Supplementation with a mixture of complex lipids derived from milk to growing rats results in improvements in parameters related to growth and cognition. <i>Nutrition Research</i> , 2009, 29, 426-435.	1.3	64
141	Clozapine and quetiapine acutely reduce glucagon-like peptide-1 production and increase glucagon release in obese rats: Implications for glucose metabolism and food choice behaviour. <i>Schizophrenia Research</i> , 2009, 115, 30-40.	1.1	47
142	Maternal undernutrition leads to endothelial dysfunction in adult male rat offspring independent of postnatal diet. <i>British Journal of Nutrition</i> , 2009, 101, 27-33.	1.2	50
143	Pre- and Postnatal Nutritional Histories Influence Reproductive Maturation and Ovarian Function in the Rat. <i>PLoS ONE</i> , 2009, 4, e6744.	1.1	147
144	Atypical antipsychotic drugs induce derangements in glucose homeostasis by acutely increasing glucagon secretion and hepatic glucose output in the rat. <i>Diabetologia</i> , 2008, 51, 2309-2317.	2.9	81

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145	The Effect of Neonatal Leptin Treatment on Postnatal Weight Gain in Male Rats Is Dependent on Maternal Nutritional Status during Pregnancy. <i>Endocrinology</i> , 2008, 149, 1906-1913.	1.4	148
146	Neonatal leptin exposure induces altered expression of specific PPAR α transcripts in adipose tissue of adult rats. <i>Proceedings of the Nutrition Society</i> , 2008, 67, .	0.4	0
147	Prenatal and Postnatal Pathways to Obesity: Different Underlying Mechanisms, Different Metabolic Outcomes. <i>Endocrinology</i> , 2007, 148, 2345-2354.	1.4	85
148	DEVELOPMENTAL PROGRAMMING OF OBESITY AND TYPE 2 DIABETES. <i>Fetal and Maternal Medicine Review</i> , 2007, 18, 1-23.	0.3	11
149	Prenatal influences on susceptibility to diet-induced obesity are mediated by altered neuroendocrine gene expression. <i>Journal of Endocrinology</i> , 2007, 193, 31-37.	1.2	104
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