

# Susan E Ozanne

## List of Publications by Year in descending order

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Version: 2024-02-01

215  
papers

15,251  
citations

18887

64  
h-index

23173

116  
g-index

227  
all docs

227  
docs citations

227  
times ranked

19776  
citing authors

#	ARTICLE	IF	CITATIONS
1	Maternal but not fetoplacental health can be improved by metformin in a murine diet-induced model of maternal obesity and glucose intolerance. <i>Journal of Physiology</i> , 2022, 600, 903-919.	1.3	16
2	Effects of maternal diet-induced obesity on metabolic disorders and age-associated miRNA expression in the liver of male mouse offspring. <i>International Journal of Obesity</i> , 2022, 46, 269-278.	1.6	10
3	Maternal diet-induced obesity during pregnancy alters lipid supply to mouse E18.5 fetuses and changes the cardiac tissue lipidome in a sex-dependent manner. <i>ELife</i> , 2022, 11, .	2.8	8
4	A mouse model of gestational diabetes shows dysregulated lipid metabolism post-weaning, after return to euglycaemia. <i>Nutrition and Diabetes</i> , 2022, 12, 8.	1.5	9
5	Maternal factors during pregnancy influencing maternal, fetal and childhood outcomes: Meet the Guest Editors. <i>BMC Medicine</i> , 2022, 20, 114.	2.3	2
6	Altered Lipid Metabolism in Obese Women With Gestational Diabetes and Associations With Offspring Adiposity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e2825-e2832.	1.8	13
7	Programming of cardiometabolic health: the role of maternal and fetal hyperinsulinaemia. <i>Journal of Endocrinology</i> , 2022, 253, R47-R63.	1.2	8
8	Metformin Exposure <i>in utero</i> Programmes Hypertension in a Sex-Specific Manner in Adult Offspring of Obese Mice. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
9	Sex differences in the intergenerational inheritance of metabolic traits. <i>Nature Metabolism</i> , 2022, 4, 507-523.	5.1	25
10	Unheard, unseen and unprotected: DOHaD councils call for action to protect the younger generation from the long-term effects of COVID-19. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 3-5.	0.7	13
11	Exploring Telomere Dynamics in Aging Male Rat Tissues: Can Tissue-Specific Differences Contribute to Age-Associated Pathologies?. <i>Gerontology</i> , 2021, 67, 233-242.	1.4	5
12	Maternal obesity during pregnancy leads to adipose tissue ER stress in mice via miR-126-mediated reduction in Lunapark. <i>Diabetologia</i> , 2021, 64, 890-902.	2.9	15
13	The Worldwide Effort to Develop Vaccines for COVID-19. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1327, 215-223.	0.8	3
14	Clinical Utility of microRNAs in Exhaled Breath Condensate as Biomarkers for Lung Cancer. <i>Journal of Personalized Medicine</i> , 2021, 11, 111.	1.1	13
15	Early life malnutrition and fluctuating asymmetry in the rat bony labyrinth. <i>Anatomical Record</i> , 2021, 304, 2645-2660.	0.8	8
16	Mitochondria antioxidant protection against cardiovascular dysfunction programmed by early-onset gestational hypoxia. <i>FASEB Journal</i> , 2021, 35, e21446.	0.2	11
17	Maternal antioxidant treatment protects adult offspring against memory loss and hippocampal atrophy in a rodent model of developmental hypoxia. <i>FASEB Journal</i> , 2021, 35, e21477.	0.2	15
18	Autocrine IGF2 programmes $\beta$ -cell plasticity under conditions of increased metabolic demand. <i>Scientific Reports</i> , 2021, 11, 7717.	1.6	8

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19	Small-RNA Sequencing Reveals Altered Skeletal Muscle microRNAs and snoRNAs Signatures in Weanling Male Offspring from Mouse Dams Fed a Low Protein Diet during Lactation. <i>Cells</i> , 2021, 10, 1166.	1.8	4
20	Lipid Metabolism Is Dysregulated before, during and after Pregnancy in a Mouse Model of Gestational Diabetes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7452.	1.8	19
21	Maternal Metformin Intervention during Obese Glucose-Intolerant Pregnancy Affects Adiposity in Young Adult Mouse Offspring in a Sex-Specific Manner. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8104.	1.8	21
22	Variably methylated retrotransposons are refractory to a range of environmental perturbations. <i>Nature Genetics</i> , 2021, 53, 1233-1242.	9.4	23
23	Genetic insights into biological mechanisms governing human ovarian ageing. <i>Nature</i> , 2021, 596, 393-397.	13.7	183
24	Nutritional and developmental programming effects of insulin. <i>Journal of Neuroendocrinology</i> , 2021, 33, e12933.	1.2	14
25	Clinical and molecular evidence of accelerated ageing following very preterm birth. <i>Pediatric Research</i> , 2020, 87, 1005-1010.	1.1	27
26	Exposure to maternal obesity programs sex differences in pancreatic islets of the offspring in mice. <i>Diabetologia</i> , 2020, 63, 324-337.	2.9	43
27	Developmental programming of appetite and growth in male rats increases hypothalamic serotonin (5-HT) <sub>5A</sub> receptor expression and sensitivity. <i>International Journal of Obesity</i> , 2020, 44, 1946-1957.	1.6	1
28	Isolating adverse effects of glucocorticoids on the embryonic cardiovascular system. <i>FASEB Journal</i> , 2020, 34, 9664-9677.	0.2	8
29	Independent influences of maternal obesity and fetal sex on maternal cardiovascular adaptation to pregnancy: a prospective cohort study. <i>International Journal of Obesity</i> , 2020, 44, 2246-2255.	1.6	14
30	A high-throughput platform for detailed lipidomic analysis of a range of mouse and human tissues. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 2851-2862.	1.9	28
31	Impact of maternal obesity on placental transcriptome and morphology associated with fetal growth restriction in mice. <i>International Journal of Obesity</i> , 2020, 44, 1087-1096.	1.6	21
32	Mesenchyme-derived IGF2 is a major paracrine regulator of pancreatic growth and function. <i>PLoS Genetics</i> , 2020, 16, e1009069.	1.5	15
33	Comparative impact of pharmacological treatments for gestational diabetes on neonatal anthropometry independent of maternal glycaemic control: A systematic review and meta-analysis. <i>PLoS Medicine</i> , 2020, 17, e1003126.	3.9	47
34	Mesenchyme-derived IGF2 is a major paracrine regulator of pancreatic growth and function. , 2020, 16, e1009069.		0
35	Mesenchyme-derived IGF2 is a major paracrine regulator of pancreatic growth and function. , 2020, 16, e1009069.		0
36	Mesenchyme-derived IGF2 is a major paracrine regulator of pancreatic growth and function. , 2020, 16, e1009069.		0

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37	Mesenchyme-derived IGF2 is a major paracrine regulator of pancreatic growth and function. , 2020, 16, e1009069.		0
38	A suboptimal maternal diet combined with accelerated postnatal growth results in an altered aging profile in the thymus of male rats. FASEB Journal, 2019, 33, 239-253.	0.2	11
39	Neonatal, infant, and childhood growth following metformin versus insulin treatment for gestational diabetes: A systematic review and meta-analysis. PLoS Medicine, 2019, 16, e1002848.	3.9	132
40	Effect of interpregnancy weight change on perinatal outcomes: systematic review and meta-analysis. BMC Pregnancy and Childbirth, 2019, 19, 386.	0.9	48
41	Exercise alters the molecular pathways of insulin signaling and lipid handling in maternal tissues of obese pregnant mice. Physiological Reports, 2019, 7, e14202.	0.7	18
42	Intrauterine programming of obesity and type 2 diabetes. Diabetologia, 2019, 62, 1789-1801.	2.9	167
43	Early life programming in mice by maternal overnutrition: mechanistic insights and interventional approaches. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180116.	1.8	28
44	Chronic gestational hypoxia accelerates ovarian aging and lowers ovarian reserve in next-generation adult rats. FASEB Journal, 2019, 33, 7758-7766.	0.2	20
45	Chronic fetal hypoxia disrupts the periconceptual environment in next-generation adult female rats. Journal of Physiology, 2019, 597, 2391-2401.	1.3	8
46	Poor Early Growth and Age-Associated Disease. Sub-Cellular Biochemistry, 2019, 91, 1-19.	1.0	4
47	Developing differences: early-life effects and evolutionary medicine. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20190039.	1.8	14
48	Altered triglyceride and phospholipid metabolism predates the diagnosis of gestational diabetes in obese pregnancy. Molecular Omics, 2019, 15, 420-430.	1.4	34
49	The link between maternal obesity and offspring neurobehavior: A systematic review of animal experiments. Neuroscience and Biobehavioral Reviews, 2019, 98, 107-121.	2.9	31
50	Assaying Reproductive Capacity in Female Rodents. Methods in Molecular Biology, 2019, 1916, 157-166.	0.4	0
51	Insulin-signalling dysregulation and inflammation is programmed trans-generationally in a female rat model of poor maternal nutrition. Scientific Reports, 2018, 8, 4014.	1.6	11
52	Maternal diet-induced obesity programmes cardiac dysfunction in male mice independently of post-weaning diet. Cardiovascular Research, 2018, 114, 1372-1384.	1.8	88
53	Small RNA Sequencing: A Technique for miRNA Profiling. Methods in Molecular Biology, 2018, 1735, 321-330.	0.4	9
54	Telomere Length Analysis: A Tool for Dissecting Aging Mechanisms in Developmental Programming. Methods in Molecular Biology, 2018, 1735, 351-363.	0.4	2

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55	Generation of the Maternal Low-Protein Rat Model for Studies of Metabolic Disorders. <i>Methods in Molecular Biology</i> , 2018, 1735, 201-206.	0.4	1
56	Somatic growth and telomere dynamics in vertebrates: relationships, mechanisms and consequences. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20160446.	1.8	165
57	Ageing-associated DNA methylation dynamics are a molecular readout of lifespan variation among mammalian species. <i>Genome Biology</i> , 2018, 19, 22.	3.8	62
58	Maternal Allopurinol Prevents Cardiac Dysfunction in Adult Male Offspring Programmed by Chronic Hypoxia During Pregnancy. <i>Hypertension</i> , 2018, 72, 971-978.	1.3	29
59	Sex and gender differences in developmental programming of metabolism. <i>Molecular Metabolism</i> , 2018, 15, 8-19.	3.0	232
60	Maternal exercise intervention in obese pregnancy improves the cardiovascular health of the adult male offspring. <i>Molecular Metabolism</i> , 2018, 16, 35-44.	3.0	51
61	Programming of central and peripheral insulin resistance by low birthweight and postnatal catch-up growth in male mice. <i>Diabetologia</i> , 2018, 61, 2225-2234.	2.9	49
62	SILAC Mass Spectrometry Profiling: A Psychiatric Disorder Perspective. <i>Advances in Experimental Medicine and Biology</i> , 2017, 974, 289-298.	0.8	1
63	A post-weaning obesogenic diet exacerbates the detrimental effects of maternal obesity on offspring insulin signaling in adipose tissue. <i>Scientific Reports</i> , 2017, 7, 44949.	1.6	22
64	Pulsed SILAC as a Approach for miRNA Targets Identification in Cell Culture. <i>Methods in Molecular Biology</i> , 2017, 1546, 149-159.	0.4	2
65	Multiplex Biomarker Approaches in Type 2 Diabetes Mellitus Research. <i>Methods in Molecular Biology</i> , 2017, 1546, 37-55.	0.4	3
66	A Protocol for Producing the Maternal Low-Protein Rat Model: A Tool for Preclinical Proteomic Studies. <i>Advances in Experimental Medicine and Biology</i> , 2017, 974, 251-255.	0.8	1
67	A Western-style obesogenic diet alters maternal metabolic physiology with consequences for fetal nutrient acquisition in mice. <i>Journal of Physiology</i> , 2017, 595, 4875-4892.	1.3	60
68	Systematic review indicates postnatal growth in term infants born small-for-gestational-age being associated with later neurocognitive and metabolic outcomes. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2017, 106, 1230-1238.	0.7	86
69	Early nutrition and ageing: can we intervene?. <i>Biogerontology</i> , 2017, 18, 893-900.	2.0	15
70	Exercise rescues obese mothers' insulin sensitivity, placental hypoxia and male offspring insulin sensitivity. <i>Scientific Reports</i> , 2017, 7, 44650.	1.6	88
71	Breaking the cycle of intergenerational obesity. <i>Journal of Physiology</i> , 2017, 595, 1443-1444.	1.3	2
72	Nutrition in early life and age-associated diseases. <i>Ageing Research Reviews</i> , 2017, 39, 96-105.	5.0	68

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73	Early-life nutrition modulates the epigenetic state of specific rDNA genetic variants in mice. <i>Science</i> , 2016, 353, 495-498.	6.0	89
74	Poor maternal nutrition and accelerated postnatal growth induces an accelerated aging phenotype and oxidative stress in skeletal muscle of male rats. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 1221-1229.	1.2	45
75	Association of birth weight and the development of antipsychotic induced adiposity in individuals with treatment resistant schizophrenia. <i>European Neuropsychopharmacology</i> , 2016, 26, 972-978.	0.3	10
76	Divergence of mechanistic pathways mediating cardiovascular aging and developmental programming of cardiovascular disease. <i>FASEB Journal</i> , 2016, 30, 1968-1975.	0.2	54
77	Non-Genetic Transmission of Obesity – It's in Your Epigenes. <i>Trends in Endocrinology and Metabolism</i> , 2016, 27, 349-350.	3.1	6
78	Maternal Obesity in Pregnancy Developmentally Programs Adipose Tissue Inflammation in Young, Lean Male Mice Offspring. <i>Endocrinology</i> , 2016, 157, 4246-4256.	1.4	73
79	Early nutrition, epigenetics, and cardiovascular disease. <i>Current Opinion in Lipidology</i> , 2016, 27, 449-458.	1.2	24
80	Developmental programming: State-of-the-science and future directions – Summary from a Pennington Biomedical symposium. <i>Obesity</i> , 2016, 24, 1018-1026.	1.5	47
81	Cell-autonomous programming of rat adipose tissue insulin signalling proteins by maternal nutrition. <i>Diabetologia</i> , 2016, 59, 1266-1275.	2.9	10
82	Transgenerational effects of maternal diet on metabolic and reproductive ageing. <i>Mammalian Genome</i> , 2016, 27, 430-439.	1.0	51
83	5-HT2A and 5-HT2C receptors as hypothalamic targets of developmental programming in male rats. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 401-12.	1.2	25
84	Impact of maternal undernutrition around the time of conception on factors regulating hepatic lipid metabolism and microRNAs in singleton and twin fetuses. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 310, E148-E159.	1.8	12
85	Coenzyme Q10 prevents hepatic fibrosis, inflammation, and oxidative stress in a male rat model of poor maternal nutrition and accelerated postnatal growth. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 579-588.	2.2	73
86	Ageing is associated with molecular signatures of inflammation and type 2 diabetes in rat pancreatic islets. <i>Diabetologia</i> , 2016, 59, 502-511.	2.9	20
87	Decreased ovarian reserve, dysregulation of mitochondrial biogenesis, and increased lipid peroxidation in female mouse offspring exposed to an obesogenic maternal diet. <i>FASEB Journal</i> , 2016, 30, 1548-1556.	0.2	58
88	Proximity to Delivery Alters Insulin Sensitivity and Glucose Metabolism in Pregnant Mice. <i>Diabetes</i> , 2016, 65, 851-860.	0.3	34
89	The effects of aging and maternal protein restriction during lactation on thymic involution and peripheral immunosenescence in adult mice. <i>Oncotarget</i> , 2016, 7, 6398-6409.	0.8	9
90	Mechanisms Linking Maternal Obesity to Offspring Metabolic Health. , 2016, , 163-186.		0

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91	5-HT2A and 5-HT2C receptors as hypothalamic targets of developmental programming in male rats. <i>Development (Cambridge)</i> , 2016, 143, e1.2-e1.2.	1.2	0
92	Oxidative stress and life histories: unresolved issues and current needs. <i>Ecology and Evolution</i> , 2015, 5, 5745-5757.	0.8	169
93	Impact of periconceptional and preimplantation undernutrition on factors regulating myogenesis and protein synthesis in muscle of singleton and twin fetal sheep. <i>Physiological Reports</i> , 2015, 3, e12495.	0.7	14
94	Postnatal growth in preterm infants and later health outcomes: a systematic review. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015, 104, 974-986.	0.7	227
95	Developmental programming of type 2 diabetes. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2015, 18, 354-360.	1.3	49
96	Programming of cardiovascular disease across the life-course. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 83, 122-130.	0.9	52
97	Epigenetic Signatures of Obesity. <i>New England Journal of Medicine</i> , 2015, 372, 973-974.	13.9	1,232
98	Coenzyme Q10 Prevents Insulin Signaling Dysregulation and Inflammation Prior to Development of Insulin Resistance in Male Offspring of a Rat Model of Poor Maternal Nutrition and Accelerated Postnatal Growth. <i>Endocrinology</i> , 2015, 156, 3528-3537.	1.4	28
99	Developmental programming by maternal obesity in 2015: Outcomes, mechanisms, and potential interventions. <i>Hormones and Behavior</i> , 2015, 76, 143-152.	1.0	48
100	Intergenerational epigenetic inheritance in models of developmental programming of adult disease. <i>Seminars in Cell and Developmental Biology</i> , 2015, 43, 85-95.	2.3	78
101	Data Resource Profile: Accessible Resource for Integrated Epigenomic Studies (ARIES). <i>International Journal of Epidemiology</i> , 2015, 44, 1181-1190.	0.9	238
102	Early life origins of metabolic disease: Developmental programming of hypothalamic pathways controlling energy homeostasis. <i>Frontiers in Neuroendocrinology</i> , 2015, 39, 3-16.	2.5	94
103	Prenatal undernutrition and leukocyte telomere length in late adulthood: the Dutch famine birth cohort study. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 655-660.	2.2	23
104	Gene-Environment Interactions Controlling Energy and Glucose Homeostasis and the Developmental Origins of Obesity. <i>Physiological Reviews</i> , 2015, 95, 47-82.	13.1	124
105	Metabolic programming—knowns, unknowns and possibilities. <i>Nature Reviews Endocrinology</i> , 2015, 11, 67-68.	4.3	27
106	Glucose tolerance is associated with differential expression of microRNAs in skeletal muscle: results from studies of twins with and without type 2 diabetes. <i>Diabetologia</i> , 2015, 58, 363-373.	2.9	53
107	Genetic versus Non-Genetic Regulation of miR-103, miR-143 and miR-483-3p Expression in Adipose Tissue and Their Metabolic Implications—A Twin Study. <i>Genes</i> , 2014, 5, 508-517.	1.0	21
108	Oxidative stress and altered lipid homeostasis in the programming of offspring fatty liver by maternal obesity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 307, R26-R34.	0.9	106

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109	Maternal diet amplifies the hepatic aging trajectory of Cidea in male mice and leads to the development of fatty liver. <i>FASEB Journal</i> , 2014, 28, 2191-2201.	0.2	14
110	Nutritional programming of coenzyme Q: potential for prevention and intervention?. <i>FASEB Journal</i> , 2014, 28, 5398-5405.	0.2	14
111	The impact of early nutrition on the ageing trajectory. <i>Proceedings of the Nutrition Society</i> , 2014, 73, 289-301.	0.4	69
112	The road between early growth and obesity: new twists and turns. <i>American Journal of Clinical Nutrition</i> , 2014, 100, 6-7.	2.2	5
113	Nutrigenomic programming of cardiovascular and metabolic diseases. <i>Free Radical Biology and Medicine</i> , 2014, 75, S11.	1.3	5
114	Periconceptual Undernutrition Programs Changes in Insulin-Signaling Molecules and MicroRNAs in Skeletal Muscle in Singleton and Twin Fetal Sheep1. <i>Biology of Reproduction</i> , 2014, 90, 5.	1.2	50
115	Maternal fatty acids and offspring development: extending beyond the cardiovascular and endocrine systems. <i>British Journal of Nutrition</i> , 2014, 111, 955-956.	1.2	0
116	Transgenerational developmental programming. <i>Human Reproduction Update</i> , 2014, 20, 63-75.	5.2	231
117	Maternal Diet-induced Obesity Programs Cardiovascular Dysfunction in Adult Male Mouse Offspring Independent of Current Body Weight. <i>Endocrinology</i> , 2014, 155, 3970-3980.	1.4	98
118	Impact of embryo number and maternal undernutrition around the time of conception on insulin signaling and gluconeogenic factors and microRNAs in the liver of fetal sheep. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E1013-E1024.	1.8	36
119	Downregulation of IRS-1 in adipose tissue of offspring of obese mice is programmed cell-autonomously through post-transcriptional mechanisms. <i>Molecular Metabolism</i> , 2014, 3, 325-333.	3.0	99
120	Differential effects of maternal obesity and weight loss in the periconceptual period on the epigenetic regulation of hepatic insulin signaling pathways in the offspring. <i>FASEB Journal</i> , 2013, 27, 3786-3796.	0.2	99
121	Coenzyme Q10 prevents accelerated cardiac aging in a rat model of poor maternal nutrition and accelerated postnatal growth. <i>Molecular Metabolism</i> , 2013, 2, 480-490.	3.0	44
122	Cannabis use is associated with increased CCL11 plasma levels in young healthy volunteers. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 46, 25-28.	2.5	21
123	Nutritional programming of insulin resistance: causes and consequences. <i>Trends in Endocrinology and Metabolism</i> , 2013, 24, 525-535.	3.1	120
124	Poor maternal nutrition followed by accelerated postnatal growth leads to alterations in DNA damage and repair, oxidative and nitrosative stress, and oxidative defense capacity in rat heart. <i>FASEB Journal</i> , 2013, 27, 379-390.	0.2	79
125	Developmental and environmental epigenetic programming of the endocrine pancreas: consequences for type 2 diabetes. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 1575-1595.	2.4	39
126	Effect of fetal and child health on kidney development and long-term risk of hypertension and kidney disease. <i>Lancet, The</i> , 2013, 382, 273-283.	6.3	440



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127	Suboptimal nutrition <i>in utero</i> causes DNA damage and accelerated aging of the female reproductive tract. <i>FASEB Journal</i> , 2013, 27, 3959-3965.	0.2	50
128	Impact of embryo number and periconceptional undernutrition on factors regulating adipogenesis, lipogenesis, and metabolism in adipose tissue in the sheep fetus. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 305, E931-E941.	1.8	12
129	Sex differences in developmental programming models. <i>Reproduction</i> , 2013, 145, R1-R13.	1.1	274
130	Lower Maternal Body Condition During Pregnancy Affects Skeletal Muscle Structure and Glut-4 Protein Levels But Not Glucose Tolerance in Mature Adult Sheep. <i>Reproductive Sciences</i> , 2013, 20, 1144-1155.	1.1	9
131	Maternal-to-fetal allopurinol transfer and xanthine oxidase suppression in the late gestation pregnant rat. <i>Physiological Reports</i> , 2013, 1, e00156.	0.7	9
132	The Australian Early Origins of Hypertension Workshop: A celebration of the scientific contributions made by Emeritus Scientia Professor Eugenie R Lumbers AM and Professor Caroline McMillen. <i>Journal of Developmental Origins of Health and Disease</i> , 2013, 4, 325-327.	0.7	1
133	Differential Effects of Exposure to Maternal Obesity or Maternal Weight Loss during the Periconceptional Period in the Sheep on Insulin Signalling Molecules in Skeletal Muscle of the Offspring at 4 Months of Age. <i>PLoS ONE</i> , 2013, 8, e84594.	1.1	30
134	Developmental Epigenetic Programming in Diabetes and Obesity. <i>Epigenetics and Human Health</i> , 2013, , 235-253.	0.2	3
135	Poor maternal nutrition programmes a pro-atherosclerotic phenotype in ApoE <sup>-/-</sup> mice. <i>Clinical Science</i> , 2012, 123, 251-257.	1.8	13
136	The Programming of Cardiac Hypertrophy in the Offspring by Maternal Obesity Is Associated with Hyperinsulinemia, AKT, ERK, and mTOR Activation. <i>Endocrinology</i> , 2012, 153, 5961-5971.	1.4	122
137	Metabolic programming of insulin action and secretion. <i>Diabetes, Obesity and Metabolism</i> , 2012, 14, 29-39.	2.2	54
138	Analysis of the rat hypothalamus proteome by data-independent label-free LC-MS/MS. <i>Proteomics</i> , 2012, 12, 3386-3392.	1.3	11
139	Proteomic analysis of the maternal protein restriction rat model for schizophrenia: Identification of translational changes in hormonal signaling pathways and glutamate neurotransmission. <i>Proteomics</i> , 2012, 12, 3580-3589.	1.3	18
140	DNA methylation at differentially methylated regions of imprinted genes is resistant to developmental programming by maternal nutrition. <i>Epigenetics</i> , 2012, 7, 1200-1210.	1.3	56
141	Preface. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2012, 26, 567-568.	2.2	1
142	Effects of Cortisol and Dexamethasone on Insulin Signalling Pathways in Skeletal Muscle of the Ovine Fetus during Late Gestation. <i>PLoS ONE</i> , 2012, 7, e52363.	1.1	29
143	Mechanisms underlying the developmental origins of disease. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2012, 13, 85-92.	2.6	87
144	Maternal diet and aging alter the epigenetic control of a promoter-enhancer interaction at the <i>Hnf4a</i> gene in rat pancreatic islets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5449-5454.	3.3	311

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145	3 Experimental models of low birth weight “insight into the developmental programming of metabolic health, aging and immune function. , 2011, , 11-26.		1
146	Leptin-Independent Programming of Adult Body Weight and Adiposity in Mice. <i>Endocrinology</i> , 2011, 152, 476-482.	1.4	28
147	Mechanisms of early life programming: current knowledge and future directions. <i>American Journal of Clinical Nutrition</i> , 2011, 94, S1765-S1771.	2.2	146
148	Developmental Programming in Response to Maternal Overnutrition. <i>Frontiers in Genetics</i> , 2011, 2, 27.	1.1	260
149	Sugaring Appetite Development: Mechanisms of Neuroendocrine Programming. <i>Endocrinology</i> , 2011, 152, 4007-4009.	1.4	10
150	Impact of Maternal Obesity and Diabetes on Long-Term Health of the Offspring. <i>Experimental Diabetes Research</i> , 2011, 2011, 1-2.	3.8	13
151	Maternal diet, aging and diabetes meet at a chromatin loop. <i>Aging</i> , 2011, 3, 548-554.	1.4	26
152	Mechanisms Linking Suboptimal Early Nutrition and Increased Risk of Type 2 Diabetes and Obesity. <i>Journal of Nutrition</i> , 2010, 140, 662-666.	1.3	32
153	Experimental Consequences of IUGR on Body Weight and Glucose Homeostasis. <i>Journal of Perinatal Medicine</i> , 2010, 38, .	0.6	0
154	The involvement of microRNAs in Type 2 diabetes. <i>Biochemical Society Transactions</i> , 2010, 38, 1565-1570.	1.6	87
155	Mechanisms involved in the developmental programming of adulthood disease. <i>Biochemical Journal</i> , 2010, 427, 333-347.	1.7	291
156	Early life nutrition and metabolic programming. <i>Annals of the New York Academy of Sciences</i> , 2010, 1212, 78-96.	1.8	134
157	Maternal obesity during pregnancy and lactation programs the development of offspring non-alcoholic fatty liver disease in mice. <i>Journal of Hepatology</i> , 2010, 52, 913-920.	1.8	271
158	Postnatal Development of Hypothalamic Leptin Receptors. <i>Vitamins and Hormones</i> , 2010, 82, 201-217.	0.7	26
159	Poor maternal nutrition leads to alterations in oxidative stress, antioxidant defense capacity, and markers of fibrosis in rat islets: potential underlying mechanisms for development of the diabetic phenotype in later life. <i>FASEB Journal</i> , 2010, 24, 2762-2771.	0.2	81
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