

# Jacqueline M Wallace

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

2,185  
citations

201385

27  
h-index

223531

46  
g-index

58  
all docs

58  
docs citations

58  
times ranked

1811  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for altered placental blood flow and vascularity in compromised pregnancies. <i>Journal of Physiology</i> , 2006, 572, 51-58.	1.3	291
2	The importance of nutrition in pregnancy and lactation: lifelong consequences. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 226, 607-632.	0.7	146
3	Placental weight and efficiency in relation to maternal body mass index and the risk of pregnancy complications in women delivering singleton babies. <i>Placenta</i> , 2012, 33, 611-618.	0.7	127
4	Nutritionally Mediated Placental Growth Restriction in the Growing Adolescent: Consequences for the Fetus <sup>1</sup> . <i>Biology of Reproduction</i> , 2004, 71, 1055-1062.	1.2	120
5	Blood flows and nutrient uptakes in growth-restricted pregnancies induced by overnourishing adolescent sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002, 282, R1027-R1036.	0.9	94
6	Influence of Maternal Nutrition on Messenger RNA Expression of Placental Angiogenic Factors and Their Receptors at Midgestation in Adolescent Sheep <sup>1</sup> . <i>Biology of Reproduction</i> , 2005, 72, 1004-1009.	1.2	91
7	Switching Maternal Dietary Intake at the End of the First Trimester Has Profound Effects on Placental Development and Fetal Growth in Adolescent Ewes Carrying Singleton Fetuses <sup>1</sup> . <i>Biology of Reproduction</i> , 1999, 61, 101-110.	1.2	88
8	Gestational age, gender and parity specific centile charts for placental weight for singleton deliveries in Aberdeen, UK. <i>Placenta</i> , 2013, 34, 269-274.	0.7	69
9	Uteroplacental Adenovirus Vascular Endothelial Growth Factor Gene Therapy Increases Fetal Growth Velocity in Growth-Restricted Sheep Pregnancies. <i>Human Gene Therapy</i> , 2014, 25, 375-384.	1.4	67
10	Placental glucose transport in growth-restricted pregnancies induced by overnourishing adolescent sheep. <i>Journal of Physiology</i> , 2003, 547, 85-94.	1.3	63
11	Maternal and Fetal Growth, Body Composition, Endocrinology, and Metabolic Status in Undernourished Adolescent Sheep <sup>1</sup> . <i>Biology of Reproduction</i> , 2007, 77, 343-350.	1.2	55
12	Fetoplacental growth and vascular development in overnourished adolescent sheep at day 50, 90 and 130 of gestation. <i>Reproduction</i> , 2009, 137, 749-757.	1.1	54
13	Maternal Growth Hormone Treatment from Day 35 to 80 of Gestation Alters Nutrient Partitioning in Favor of Uteroplacental Growth in the Overnourished Adolescent Sheep <sup>1</sup> . <i>Biology of Reproduction</i> , 2004, 70, 1277-1285.	1.2	52
14	The effect of overnourishing singleton-bearing adult ewes on nutrient partitioning to the gravid uterus. <i>British Journal of Nutrition</i> , 2005, 94, 533-539.	1.2	49
15	Effect of Weight and Adiposity at Conception and Wide Variations in Gestational Dietary Intake on Pregnancy Outcome and Early Postnatal Performance in Young Adolescent Sheep <sup>1</sup> . <i>Biology of Reproduction</i> , 2010, 82, 320-330.	1.2	46
16	Nutrient partitioning during pregnancy: adverse gestational outcome in overnourished adolescent dams. <i>Proceedings of the Nutrition Society</i> , 2000, 59, 107-117.	0.4	44
17	Inter-pregnancy weight change impacts placental weight and is associated with the risk of adverse pregnancy outcomes in the second pregnancy. <i>BMC Pregnancy and Childbirth</i> , 2014, 14, 40.	0.9	42
18	Nutritional paradigms of ovine fetal growth restriction: Implications for human pregnancy. <i>Human Fertility</i> , 2005, 8, 179-187.	0.7	37

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19	The expression of ovine placental lactogen, StAR and progesterone-associated steroidogenic enzymes in placentae of overnourished growing adolescent ewes. <i>Reproduction</i> , 2007, 133, 785-796.	1.1	37
20	Fetoplacental biometry and umbilical artery Doppler velocimetry in the overnourished adolescent model of fetal growth restriction. <i>American Journal of Obstetrics and Gynecology</i> , 2012, 207, 141.e6-141.e15.	0.7	37
21	Effect of diet composition on pregnancy outcome in overnourished rapidly growing adolescent sheep. <i>British Journal of Nutrition</i> , 2006, 96, 1060-1068.	1.2	36
22	Competition for nutrients in pregnant adolescents: consequences for maternal, conceptus and offspring endocrine systems. <i>Journal of Endocrinology</i> , 2019, 242, T1-T19.	1.2	36
23	An immunohistochemical study of the localization and developmental expression of ghrelin and its functional receptor in the ovine placenta. <i>Reproductive Biology and Endocrinology</i> , 2007, 5, 25.	1.4	35
24	Peri- and Postnatal Effects of Prenatal Adenoviral VEGF Gene Therapy in Growth-Restricted Sheep1. <i>Biology of Reproduction</i> , 2016, 94, 142.	1.2	35
25	Late but Not Early Gestational Maternal Growth Hormone Treatment Increases Fetal Adiposity in Overnourished Adolescent Sheep. <i>Biology of Reproduction</i> , 2006, 75, 231-239.	1.2	34
26	Sensitivity to metabolic signals in late-gestation growth-restricted fetuses from rapidly growing adolescent sheep. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E1233-E1241.	1.8	33
27	Inter-Pregnancy Weight Change and the Risk of Recurrent Pregnancy Complications. <i>PLoS ONE</i> , 2016, 11, e0154812.	1.1	31
28	Developmental Indices of Nutritionally Induced Placental Growth Restriction in the Adolescent Sheep. <i>Pediatric Research</i> , 2005, 57, 599-604.	1.1	27
29	Ultrasonographic Assessment of Growth and Estimation of Birthweight in Late Gestation Fetal Sheep. <i>Ultrasound in Medicine and Biology</i> , 2011, 37, 1588-1595.	0.7	27
30	Overnourishing pregnant adolescent ewes preserves perirenal fat deposition in their growth-restricted fetuses. <i>Reproduction, Fertility and Development</i> , 2006, 18, 357.	0.1	26
31	Expression of energy balance regulatory genes in the developing ovine fetal hypothalamus at midgestation and the influence of hyperglycemia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 294, R1895-R1900.	0.9	23
32	Undernutrition and stage of gestation influence fetal adipose tissue gene expression. <i>Journal of Molecular Endocrinology</i> , 2015, 54, 263-275.	1.1	23
33	Adverse metabolic phenotype in low-birth-weight lambs and its modification by postnatal nutrition. <i>British Journal of Nutrition</i> , 2012, 107, 510-522.	1.2	22
34	Influence of birth weight and gender on lipid status and adipose tissue gene expression in lambs. <i>Journal of Molecular Endocrinology</i> , 2014, 53, 131-144.	1.1	22
35	Placental Growth, Angiogenic Gene Expression, and Vascular Development in Undernourished Adolescent Sheep1. <i>Biology of Reproduction</i> , 2007, 77, 351-357.	1.2	20
36	Weight change across the start of three consecutive pregnancies and the risk of maternal morbidity and SGA birth at the second and third pregnancy. <i>PLoS ONE</i> , 2017, 12, e0179589.	1.1	18

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37	In Vivo Changes in Central and Peripheral Insulin Sensitivity in a Large Animal Model of Obesity. <i>Endocrinology</i> , 2012, 153, 3147-3157.	1.4	16
38	Placental vascularity and markers of angiogenesis in relation to prenatal growth status in overnourished adolescent ewes. <i>Placenta</i> , 2016, 46, 79-86.	0.7	16
39	Ovine prenatal growth restriction impacts glucose metabolism and body composition throughout life in both sexes. <i>Reproduction</i> , 2018, 156, 103-119.	1.1	16
40	Decreasing maternal nutrient intake during the final third of pregnancy in previously overnourished adolescent sheep: Effects on maternal nutrient partitioning and feto-placental development. <i>Placenta</i> , 2012, 33, 114-121.	0.7	13
41	Postnatal hypothalamic - pituitary - adrenal function in sheep is influenced by age and sex, but not by prenatal growth restriction. <i>Reproduction, Fertility and Development</i> , 2011, 23, 275.	0.1	11
42	Impact of embryo donor adiposity, birthweight and gender on early postnatal growth, glucose metabolism and body composition in the young lamb. <i>Reproduction, Fertility and Development</i> , 2014, 26, 665.	0.1	10
43	Ovine prenatal growth-restriction and sex influence fetal adipose tissue phenotype and impact postnatal lipid metabolism and adiposity in vivo from birth until adulthood. <i>PLoS ONE</i> , 2020, 15, e0228732.	1.1	10
44	Growth and metabolism of fetal and maternal muscles of adolescent sheep on adequate or high feed intakes: possible role of protein kinase C- $\delta$ in fetal muscle growth. <i>British Journal of Nutrition</i> , 1998, 79, 351-357.	1.2	8
45	Monitoring for Potential Adverse Effects of Prenatal Gene Therapy: Use of Large Animal Models with Relevance to Human Application. , 2012, 891, 291-328.		5
46	Liver iron status and associated haematological parameters in relation to fetal growth and pregnancy outcome in rapidly growing adolescent sheep carrying a singleton lamb derived by embryo transfer. <i>Reproduction, Fertility and Development</i> , 2010, 22, 1230.	0.1	4
47	Adaptive maternal, placental and fetal responses to nutritional extremes in the pregnant adolescent: lessons from sheep. , 0, , 112-127.		4
48	Impact of donor and recipient adiposity on placental and fetal growth in adolescent sheep. <i>Reproduction</i> , 2017, 153, 381-394.	1.1	4
49	A new customised placental weight standard redefines the relationship between maternal obesity and extremes of placental size and is more closely associated with pregnancy complications than an existing population standard. <i>Journal of Developmental Origins of Health and Disease</i> , 2020, 11, 350-359.	0.7	3
50	Early pregnancy weight gain and fat accrual predict pregnancy outcome in growing adolescent sheep. <i>Reproduction</i> , 2021, 161, 227-238.	1.1	2
51	Influence of Maternal Dietary Intake, Intrauterine Growth Restriction (IUGR), and Estrogen Replacement on Placental Development and Vascularity.. <i>Biology of Reproduction</i> , 2011, 85, 801-801.	1.2	2
52	Does interpregnancy BMI change affect the risk of complications in the second pregnancy? Analysis of pooled data from Aberdeen, Finland and Malta. <i>International Journal of Obesity</i> , 2022, 46, 178-185.	1.6	2
53	Young Maternal Age, Body Composition and Gestational Intake Impact Pregnancy Outcome: Translational Perspectives. , 2016, , 57-80.		1
54	Perinatal complications and maximising lamb survival in an adolescent paradigm characterised by premature delivery and low birthweight. <i>PLoS ONE</i> , 2021, 16, e0259890.	1.1	1

#	ARTICLE	IF	CITATIONS
55	Title is missing!. , 2020, 15, e0228732.		0
56	Title is missing!. , 2020, 15, e0228732.		0
57	Title is missing!.. , 2020, 15, e0228732.		0
58	Title is missing!.. , 2020, 15, e0228732.		0