

# Matthew E Wilson

## List of Publications by Citations

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48  
papers

1,397  
citations

22  
h-index

36  
g-index

48  
ext. papers

1,498  
ext. citations

2.2  
avg, IF

4.01  
L-index

#	Paper	IF	Citations
48	Development of Meishan and Yorkshire littermate conceptuses in either a Meishan or Yorkshire uterine environment to day 90 of gestation and to term. <i>Biology of Reproduction</i> , <b>1998</b> , 58, 905-10	3.9	113
47	Novel insight into the control of litter size in pigs, using placental efficiency as a selection tool. <i>Journal of Animal Science</i> , <b>1999</b> , 77, 1654-8	0.7	107
46	The impact of either a Meishan or Yorkshire uterus on Meishan or Yorkshire fetal and placental development to days 70, 90, and 110 of gestation. <i>Journal of Animal Science</i> , <b>1998</b> , 76, 2169-76	0.7	102
45	Effect of Corn Particle Size and Pellet Texture on Broiler Performance in the Growing Phase. <i>Journal of Applied Poultry Research</i> , <b>2006</b> , 15, 245-255	2	80
44	Relationship between placental vascular endothelial growth factor expression and placental/endometrial vascularity in the pig. <i>Biology of Reproduction</i> , <b>2001</b> , 64, 1821-5	3.9	74
43	Endogenous yolk steroid hormones in turtles with different sex-determining mechanisms. <i>General and Comparative Endocrinology</i> , <b>1998</b> , 111, 306-17	3	73
42	Patterns of late embryonic and fetal mortality and association with several factors in sheep. <i>Journal of Animal Science</i> , <b>2007</b> , 85, 1274-84	0.7	61
41	Impacts on conceptus survival in a commercial swine herd. <i>Journal of Animal Science</i> , <b>2002</b> , 80, 553-9	0.7	52
40	Differences in trophectoderm mitotic rate and P450 17alpha-hydroxylase expression between late preimplantation Meishan and Yorkshire conceptuses. <i>Biology of Reproduction</i> , <b>1997</b> , 56, 380-5	3.9	45
39	The impacts of uterine environment and fetal genotype on conceptus size and placental vascularity during late gestation in pigs. <i>Journal of Animal Science</i> , <b>1999</b> , 77, 954-9	0.7	45
38	Short communication: insulin alters hepatic progesterone catabolic enzymes cytochrome P450 2C and 3A in dairy cows. <i>Journal of Dairy Science</i> , <b>2008</b> , 91, 641-5	4	44
37	Circulating levels of nitric oxide and vascular endothelial growth factor throughout ovine pregnancy. <i>Journal of Physiology</i> , <b>2005</b> , 565, 101-9	3.9	44
36	Differential expression of cyclooxygenase-2 around the time of elongation in the pig conceptus. <i>Animal Reproduction Science</i> , <b>2002</b> , 71, 229-37	2.1	42
35	Development of the chicken as a model for prenatal stress. <i>Journal of Animal Science</i> , <b>2002</b> , 80, 1954-61	0.7	41
34	Conceptus competition for uterine space: different strategies exhibited by the Meishan and Yorkshire pig. <i>Journal of Animal Science</i> , <b>2002</b> , 80, 1311-6	0.7	38
33	Few differences found between early- and late-weaned pigs raised in the same environment. <i>Journal of Animal Science</i> , <b>2000</b> , 78, 38-49	0.7	33
32	Diet-induced alterations in hepatic progesterone (P4) catabolic enzyme activity and P4 clearance rate in lactating dairy cows. <i>Journal of Endocrinology</i> , <b>2010</b> , 205, 233-41	4.7	27

31	Effect of a high cornstarch diet on hepatic cytochrome P450 2C and 3A activity and progesterone half-life in dairy cows. <i>Journal of Dairy Science</i> , <b>2010</b> , 93, 1012-21	4	26
30	Mechanisms of reduced luteal sensitivity to prostaglandin F2alpha during maternal recognition of pregnancy in ewes. <i>Domestic Animal Endocrinology</i> , <b>2007</b> , 32, 106-21	2.3	25
29	Experimental manipulation of steroid concentrations in circulation and in egg yolks of turtles. <i>The Journal of Experimental Zoology</i> , <b>2002</b> , 293, 58-66		24
28	Dietary selenium and nutritional plane alter specific aspects of maternal endocrine status during pregnancy and lactation. <i>Domestic Animal Endocrinology</i> , <b>2014</b> , 46, 1-11	2.3	23
27	Growth hormone at breeding modifies conceptus development and postnatal growth in sheep. <i>Journal of Animal Science</i> , <b>2005</b> , 83, 810-5	0.7	23
26	Differential gene expression during elongation in the preimplantation pig embryo. <i>Genesis</i> , <b>2000</b> , 26, 9-14	1.9	22
25	Effect of cytochrome P450 and aldo-keto reductase inhibitors on progesterone inactivation in primary bovine hepatic cell cultures. <i>Journal of Dairy Science</i> , <b>2010</b> , 93, 4613-24	4	21
24	Effect of estradiol-17beta administration during the time of conceptus elongation on placental size at term in Meishan pigs. <i>Journal of Animal Science</i> , <b>2000</b> , 78, 1047-52	0.7	20
23	Effect of feeding flax or linseed meal on progesterone clearance rate in ovariectomized ewes. <i>Domestic Animal Endocrinology</i> , <b>2008</b> , 35, 164-9	2.3	19
22	Prostaglandin F2alpha (PGF2alpha) independent and dependent regulation of the bovine luteal endothelin system. <i>Domestic Animal Endocrinology</i> , <b>2004</b> , 27, 63-79	2.3	19
21	Diet-induced alterations in progesterone clearance appear to be mediated by insulin signaling in hepatocytes. <i>Journal of Animal Science</i> , <b>2006</b> , 84, 1102-9	0.7	18
20	Periconceptional growth hormone treatment alters fetal growth and development in lambs. <i>Journal of Animal Science</i> , <b>2010</b> , 88, 1619-25	0.7	16
19	Starvation Induced Alterations in Hepatic Lysine Metabolism in Different Families of Rainbow Trout ( <i>Oncorhynchus mykiss</i> ). <i>Fish Physiology and Biochemistry</i> , <b>2005</b> , 31, 33-44	2.7	13
18	Maternal recognition of pregnancy in swine. II. Plasma concentrations of progesterone and 13,14-dihydro-15-keto-prostaglandin F2 alpha during the estrous cycle and during short and long pseudopregnancy in gilts. <i>Biology of Reproduction</i> , <b>1996</b> , 55, 590-7	3.9	13
17	Effect of melatonin or maternal nutrient restriction on vascularity and cell proliferation in the ovine placenta. <i>Animal Reproduction Science</i> , <b>2015</b> , 153, 13-21	2.1	12
16	Estradiol-17beta and linseed meal interact to alter visceral organ mass and hormone concentrations from ovariectomized ewes. <i>Domestic Animal Endocrinology</i> , <b>2009</b> , 37, 148-58	2.3	11
15	Lysine alpha-ketoglutarate reductase and lysine oxidation are distributed in the extrahepatic tissues of chickens. <i>Journal of Nutrition</i> , <b>2005</b> , 135, 81-5	4.1	11
14	Lack of a nocturnal rise in serum concentrations of melatonin as gilts attain puberty. <i>Journal of Animal Science</i> , <b>1997</b> , 75, 1885-92	0.7	8

13	Factors contributing to the variation in placental efficiency on days 70, 90, and 110 of gestation in gilts. <i>Journal of Animal Science</i> , <b>2019</b> , 97, 359-373	0.7	8
12	Motivation of hens to obtain feed during a molt induced by feed withdrawal, wheat middlings, or melengestrol acetate. <i>Poultry Science</i> , <b>2007</b> , 86, 614-20	3.9	7
11	The identification of differentially expressed genes between extremes of placental efficiency in maternal line gilts on day 95 of gestation. <i>BMC Genomics</i> , <b>2019</b> , 20, 254	4.5	6
10	Effect of dietary lysine on hepatic lysine catabolism in broilers. <i>Poultry Science</i> , <b>2013</b> , 92, 2705-12	3.9	6
9	Protein-induced alterations in murine hepatic alpha-amino adipate delta-semialdehyde synthase activity are mediated posttranslationally. <i>Nutrition Research</i> , <b>2008</b> , 28, 859-65	4	5
8	Effect of melengestrol acetate as an alternative to induce molting in hens on the expression of yolk proteins and turnover of oviductal epithelium. <i>Animal Reproduction Science</i> , <b>2007</b> , 102, 14-23	2.1	5
7	Melengestrol acetate in experimental diets as an effective alternative to induce a decline in egg production and reversible regression of the reproductive tract in laying hens. I. Determining an effective concentration of melengestrol acetate. <i>Poultry Science</i> , <b>2005</b> , 84, 1750-6	3.9	4
6	Melengestrol acetate as an effective alternative to induce a decline in egg production and reversible regression of the reproductive tract in laying hens. II. Effects on postmolt egg quality. <i>Poultry Science</i> , <b>2005</b> , 84, 1757-62	3.9	4
5	The role of altered uterine-embryo synchrony on conceptus growth in the pig. <i>Journal of Animal Science</i> , <b>2001</b> , 79, 1863-7	0.7	2
4	Estradiol-17 $\beta$ Alters Trophoblast Proliferation in Pig Embryosa. <i>Journal of Animal and Veterinary Advances</i> , <b>2010</b> , 9, 782-786	0.1	2
3	Lysine catabolism in chickens fed at or below their lysine requirement. <i>FASEB Journal</i> , <b>2006</b> , 20, A1042	0.9	2
2	The Stockman's Scorecard: quantitative evaluation of beef cattle stockmanship. <i>Translational Animal Science</i> , <b>2020</b> , 4, txaa175	1.4	1
1	Mechanistic Aspects of Fetal Development Relating to Postnatal Health and Metabolism in Pigs <b>2009</b> , 161-202		