

Chantal Farmer

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

1,901
citations

318942

23
h-index

325983

40
g-index

90
all docs

90
docs citations

90
times ranked

954
citing authors

#	ARTICLE	IF	CITATIONS
1	Prolactin and the swine mammary gland. Domestic Animal Endocrinology, 2022, 78, 106672.	0.8	5
2	Review: Improving the performance of neonatal piglets. Animal, 2022, 16, 100350.	1.3	25
3	Dietary supplementation with lysine (protein) stimulates mammary development in late pregnant gilts. Journal of Animal Science, 2022, 100, .	0.2	7
4	PSVII-9 The Impact of Increasing Dietary Manganese on the Reproductive Performance of Sows. Journal of Animal Science, 2022, 100, 172-173.	0.2	0
5	Review: Physiology and nutrition of late gestating and transition sows. Journal of Animal Science, 2022, 100, .	0.2	16
6	Metoclopramide induces preparturient, low-level hyperprolactinemia to increase milk production in primiparous sows. Domestic Animal Endocrinology, 2021, 74, 106517.	0.8	1
7	Providing domperidone throughout lactation enhances sow lactation performance. Journal of Animal Science, 2021, 99, .	0.2	3
8	Hyperprolactinemia using domperidone in prepubertal gilts: Effects on hormonal status, mammary development and mammary and pituitary gene expression. Domestic Animal Endocrinology, 2021, 76, 106630.	0.8	5
9	Effects of sustained hyperprolactinemia in late gestation on mammary development of gilts. Domestic Animal Endocrinology, 2020, 72, 106408.	0.8	8
10	Impact of arginine supplementation on serum prolactin and mRNA abundance of amino acid transporter genes in mammary tissue of lactating sows. Journal of Animal Science, 2020, 98, .	0.2	1
11	The combination of nutraceuticals and functional feeds as additives modulates gut microbiota and blood markers associated with immune response and health in weanling piglets. Journal of Animal Science, 2020, 98, .	0.2	12
12	2. Lean and fat development in piglets. , 2020, , 41-69.		3
13	Current knowledge on the control of onset and cessation of colostrogenesis in swine. Journal of Animal Science, 2020, 98, S133-S139.	0.2	10
14	244 The effect of a high-fiber feeding program for replacement gilts on body weight and composition at breeding. Journal of Animal Science, 2020, 98, 175-175.	0.2	0
15	155 Effects of sustained hyperprolactinemia in late gestation on the mammary parenchymal transcriptome of gilts. Journal of Animal Science, 2020, 98, 121-122.	0.2	0
16	241 Metoclopramide induces low-level hyperprolactinemia to increase milk production in sows. Journal of Animal Science, 2020, 98, 179-180.	0.2	1
17	Using domperidone to induce and sustain hyperprolactinemia in late-pregnant gilts. Domestic Animal Endocrinology, 2019, 66, 14-20.	0.8	8
18	Effects of supplementing processed straw during late gestation on sow physiology, lactation feed intake, and offspring body weight and carcass quality ¹ . Journal of Animal Science, 2019, 97, 3958-3971.	0.2	9

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19	Review: Mammary development in lactating sows: the importance of suckling. <i>Animal</i> , 2019, 13, s20-s25.	1.3	13
20	Review: nutritional and endocrine control of colostrogenesis in swine. <i>Animal</i> , 2019, 13, s26-s34.	1.3	42
21	Exogenous porcine somatotropin stimulates mammary development in late-pregnant gilts. <i>Journal of Animal Science</i> , 2019, 97, 2433-2440.	0.2	11
22	431 Increasing IGF-1 concentrations in late pregnancy stimulates mammary development of gilts. <i>Journal of Animal Science</i> , 2019, 97, 137-137.	0.2	0
23	PSI-7 Effects of sustained hyperprolactinemia in late gestation on mammary development of gilts. <i>Journal of Animal Science</i> , 2019, 97, 289-289.	0.2	0
24	Body condition of late pregnant gilts affects the expression of selected adipokines and their receptors in mammary fat and backfat tissues ¹ . <i>Journal of Animal Science</i> , 2019, 97, 220-230.	0.2	1
25	Impact of diet deprivation and subsequent overallowance during gestation on lactation performance of primiparous sows ¹ . <i>Translational Animal Science</i> , 2018, 2, 162-168.	0.4	2
26	PSXVI-6 Diet deprivation followed by compensatory feeding of gestating gilts does not affect lactation performance.. <i>Journal of Animal Science</i> , 2018, 96, 337-337.	0.2	0
27	Nutritional impact on mammary development in pigs: a review. <i>Journal of Animal Science</i> , 2018, 96, 3748-3756.	0.2	24
28	Providing the plant extract silymarin to lactating sows: effects on litter performance and oxidative stress in sows. <i>Animal</i> , 2017, 11, 405-410.	1.3	14
29	Oxytocin injections in the postpartal period affect mammary tight junctions in sows ¹ . <i>Journal of Animal Science</i> , 2017, 95, 3532-3539.	0.2	12
30	Does duration of teat use in first parity affect milk yield and mammary gene expression in second parity? ¹ . <i>Journal of Animal Science</i> , 2017, 95, 681-687.	0.2	4
31	TRIENNIAL LACTATION SYMPOSIUM/BOLFA: Adipokines affect mammary growth and function in farm animals ^{1,2} . <i>Journal of Animal Science</i> , 2017, 95, 5689-5700.	0.2	16
32	Comparative study on the relations between backfat thickness in late-pregnant gilts, mammary development and piglet growth ¹ . <i>Translational Animal Science</i> , 2017, 1, 154-159.	0.4	12
33	Oxytocin injections in the postpartal period affect mammary tight junctions in sows. <i>Journal of Animal Science</i> , 2017, 95, 3532.	0.2	8
34	Does duration of teat use in first parity affect milk yield and mammary gene expression in second parity?. <i>Journal of Animal Science</i> , 2017, 95, 681.	0.2	3
35	0859 Differences in body condition of gilts that are maintained from mating to the end of gestation affect their mammary development. <i>Journal of Animal Science</i> , 2016, 94, 413-413.	0.2	0
36	Body condition of gilts at the end of gestation affects their mammary development ¹ . <i>Journal of Animal Science</i> , 2016, 94, 1897-1905.	0.2	16

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37	Differences in body condition of gilts that are maintained from mating to the end of gestation affect mammary development ¹ . <i>Journal of Animal Science</i> , 2016, 94, 3206-3214.	0.2	15
38	Altering prolactin concentrations in sows. <i>Domestic Animal Endocrinology</i> , 2016, 56, S155-S164.	0.8	16
39	Neonatal piglets are able to differentiate more productive from less productive teats. <i>Applied Animal Behaviour Science</i> , 2016, 174, 24-31.	0.8	4
40	Relative prolactin-to-progesterone concentrations around farrowing influence colostrum yield in primiparous sows. <i>Domestic Animal Endocrinology</i> , 2015, 53, 35-41.	0.8	16
41	14. Mammary blood flow and nutrient uptake. , 2015, , 319-334.		3
42	Colostrum yield and piglet growth during lactation are related to gilt metabolic and hepatic status prepartum ¹ . <i>Journal of Animal Science</i> , 2014, 92, 2931-2941.	0.2	21
43	Plasma amino acids, prolactin, insulin and glucose concentrations in lactating sows following venous infusion of isoleucine, leucine, lysine, threonine or valine. <i>Canadian Journal of Animal Science</i> , 2014, 94, 323-330.	0.7	6
44	Prepartum nest-building has an impact on postpartum nursing performance and maternal behaviour in early lactating sows. <i>Applied Animal Behaviour Science</i> , 2014, 160, 31-37.	0.8	48
45	Impact of diet deprivation and subsequent overallowance during gestation on mammary gland development and lactation performance ¹ . <i>Journal of Animal Science</i> , 2014, 92, 141-151.	0.2	16
46	Effects of the plant extract silymarin on prolactin concentrations, mammary gland development, and oxidative stress in gestating gilts ¹ . <i>Journal of Animal Science</i> , 2014, 92, 2922-2930.	0.2	23
47	Prewaning mortality in group-housed lactating sows: Hormonal differences between high risk and low risk sows. <i>Journal of Animal Science</i> , 2014, 92, 2603-2611.	0.2	7
48	Effects of dose and route of administration of genistein on isoflavone concentrations in post-weaned and gestating sows. <i>Animal</i> , 2013, 7, 983-989.	1.3	6
49	Review: Mammary development in swine: effects of hormonal status, nutrition and management. <i>Canadian Journal of Animal Science</i> , 2013, 93, 1-7.	0.7	20
50	Short Communication: Effect of silymarin (<i>Silybum marianum</i>) treatment on prolactin concentrations in cyclic sows. <i>Canadian Journal of Animal Science</i> , 2013, 93, 227-230.	0.7	10
51	Effects of high fiber intake during late pregnancy on sow physiology, colostrum production, and piglet performance ¹ . <i>Journal of Animal Science</i> , 2013, 91, 5269-5279.	0.2	95
52	Suckling effects in sows: importance for mammary development and productivity. <i>Animal</i> , 2013, 7, 1964-1968.	1.3	6
53	Short Communication: Relations between peripartum concentrations of prolactin and progesterone in sows and piglet growth in early lactation. <i>Canadian Journal of Animal Science</i> , 2013, 93, 109-112.	0.7	8
54	Impact of diet deprivation and subsequent over-allowance during prepuberty. Part 1. Effects on growth performance, metabolite status, and mammary gland development in gilts ¹ . <i>Journal of Animal Science</i> , 2012, 90, 863-871.	0.2	24

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55	Impact of diet deprivation and subsequent over-allowance during prepuberty. Part 2. Effects on mammary gland development and lactation performance of sows ¹ . <i>Journal of Animal Science</i> , 2012, 90, 872-880.	0.2	10
56	Milk production in sows from a teat in second parity is influenced by whether it was suckled in first parity ¹ . <i>Journal of Animal Science</i> , 2012, 90, 3743-3751.	0.2	25
57	Effect of supplementing the diet of lactating sows with NuPro [®] on sow lactation performance and piglet growth. <i>Canadian Journal of Animal Science</i> , 2011, 91, 295-300.	0.7	25
58	Farrowing induction induces transient alterations in prolactin concentrations and colostrum composition in primiparous sows ¹ . <i>Journal of Animal Science</i> , 2011, 89, 3048-3059.	0.2	36
59	Dietary genistein stimulates mammary hyperplasia in gilts. <i>Animal</i> , 2010, 4, 454-465.	1.3	17
60	Relationships between colostrum production by primiparous sows and sow physiology around parturition ¹ . <i>Journal of Animal Science</i> , 2010, 88, 1672-1683.	0.2	111
61	Dietary supplementation with different forms of flax in late gestation and lactation: Effects on sow and litter performances, endocrinology, and immune response ^{1,2} . <i>Journal of Animal Science</i> , 2010, 88, 225-237.	0.2	32
62	Greater milk yield is related to increased DNA and RNA content but not to mRNA abundance of selected genes in sow mammary tissue. <i>Canadian Journal of Animal Science</i> , 2010, 90, 379-388.	0.7	14
63	Dietary fiber for pregnant sows: Influence on sow physiology and performance during lactation ¹ . <i>Journal of Animal Science</i> , 2009, 87, 532-543.	0.2	101
64	Effects of dietary supplementation with different forms of flax in late-gestation and lactation on fatty acid profiles in sows and their piglets ^{1,2} . <i>Journal of Animal Science</i> , 2009, 87, 2600-2613.	0.2	25
65	Nutritional, hormonal, and environmental effects on colostrum in sows ¹ . <i>Journal of Animal Science</i> , 2009, 87, 56-64.	0.2	119
66	Behaviour of piglets weaned at three or six weeks of age. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 2009, 59, 59-65.	0.2	4
67	Mammary arteriovenous differences of glucose, insulin, prolactin and IGF-I in lactating sows under different protein intake levels. <i>Domestic Animal Endocrinology</i> , 2008, 34, 54-62.	0.8	9
68	Mammary gland involution and endocrine status in sows: Effects of weaning age and lactation heat stress. <i>Canadian Journal of Animal Science</i> , 2007, 87, 35-43.	0.7	19
69	Variability of colostrum yield and colostrum intake in pigs. <i>Animal</i> , 2007, 1, 1033-1041.	1.3	191
70	Effects of dietary supplementation with flax during prepuberty on fatty acid profile, mammogenesis, and bone resorption in gilts ^{1,2} . <i>Journal of Animal Science</i> , 2007, 85, 1675-1686.	0.2	19
71	Mammary development in prepubertal gilts fed restrictively or ad libitum in two sub-periods between weaning and puberty. <i>Livestock Science</i> , 2006, 99, 249-255.	0.6	18
72	Exogenous prolactin stimulates mammary development and alters expression of prolactin-related genes in prepubertal gilts ^{1,2} . <i>Journal of Animal Science</i> , 2005, 83, 825-832.	0.2	22

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73	Impacts of dietary protein level and feed restriction during prepuberty on mammogenesis in gilts ^{1,2} . <i>Journal of Animal Science</i> , 2004, 82, 2343-2351.	0.2	31
74	Specific window of prolactin inhibition in late gestation decreases mammary parenchymal tissue development in gilts ^{1,2} . <i>Journal of Animal Science</i> , 2003, 81, 1823-1829.	0.2	35
75	Inhibition of prolactin in the last trimester of gestation decreases mammary gland development in gilts.. <i>Journal of Animal Science</i> , 2000, 78, 1303.	0.2	48
76	Mammary gland development and hormone levels in pregnant Upton-Meishan and Large White gilts ^{1,2} . <i>Domestic Animal Endocrinology</i> , 2000, 18, 241-251.	0.8	23
77	Administering exogenous porcine prolactin to lactating sows: milk yield, mammary gland composition, and endocrine and behavioral responses.. <i>Journal of Animal Science</i> , 1999, 77, 1851.	0.2	42
78	The effect of intake on protein metabolism across splanchnic tissues in growing beef steers. <i>British Journal of Nutrition</i> , 1999, 81, 457-466.	1.2	35
79	Effects of an oat-based high-fibre diet on insulin, glucose, cortisol and free fatty acid concentrations in gilts. <i>Animal Science</i> , 1999, 69, 395-401.	1.3	16
80	Bromocriptine given orally to periparturient of lactating sows inhibits milk production.. <i>Journal of Animal Science</i> , 1998, 76, 750.	0.2	83
81	Mammary gland development of sows injected with growth hormone-releasing factor during gestation and(or) lactation. <i>Canadian Journal of Animal Science</i> , 1997, 77, 335-338.	0.7	8
82	Presence of a Bioactive and Immunoreactive Growth-Hormone-Releasing-Factor-Like Substance in Porcine Placenta. <i>Neonatology</i> , 1997, 72, 363-369.	0.9	5
83	Lactation performance of sows fed a bulky diet during gestation and receiving growth hormone-releasing factor during lactation.. <i>Journal of Animal Science</i> , 1996, 74, 1298.	0.2	42
84	Age-related changes in secretion rate and post-secretory metabolism of growth hormone in swine. <i>Domestic Animal Endocrinology</i> , 1993, 10, 249-255.	0.8	3
85	Digestive Enzyme Development in Newborn Piglets Born of Sows Immunized against Somatostatin and/or Receiving Growth Hormone-Releasing Factor during Gestation. <i>Neonatology</i> , 1993, 64, 382-391.	0.9	3
86	Lactation performance of sows injected with growth hormone-releasing factor during gestation and(or) lactation. <i>Journal of Animal Science</i> , 1992, 70, 2636-2642.	0.2	25
87	Carcass Composition and Resistance to Fasting in Neonatal Piglets Born of Sows Immunized against Somatostatin and/or Receiving Growth Hormone-Releasing Factor Injections during Gestation. <i>Neonatology</i> , 1992, 61, 110-117.	0.9	10
88	In vivo growth hormone (GH) response to human GH-releasing factor (GRF) or somatostatin (SRIF) in foetal pigs. <i>Journal of Developmental Physiology</i> , 1992, 17, 93-7.	0.3	4
89	Effects of active immunization against somatostatin (SRIF) and/or injections of growth hormone-releasing factor (GRF) during gestation on hormonal and metabolic profiles in sows. <i>Domestic Animal Endocrinology</i> , 1991, 8, 415-422.	0.8	13
90	Hormonal changes following an acute stress in control and somatostatin-immunized pigs. <i>Domestic Animal Endocrinology</i> , 1991, 8, 527-536.	0.8	42