

Olli Aarno Tapio Peltoniemi

List of Publications by Year in descending order

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Version: 2024-02-01

101
papers

2,719
citations

147801

31
h-index

214800

47
g-index

103
all docs

103
docs citations

103
times ranked

1693
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental and sow-related factors affecting the duration of farrowing. <i>Animal Reproduction Science</i> , 2010, 119, 85-91.	1.5	189
2	Effect of the environment on the physiology of the sow during late pregnancy, farrowing and early lactation. <i>Animal Reproduction Science</i> , 2008, 105, 365-377.	1.5	152
3	Feeding sows with high fibre diet around farrowing and early lactation: Impact on intestinal activity, energy balance related parameters and litter performance. <i>Research in Veterinary Science</i> , 2009, 86, 314-319.	1.9	111
4	Seasonal and management effects on fertility of the sow: a descriptive study. <i>Animal Reproduction Science</i> , 1999, 55, 47-61.	1.5	110
5	Seasonal infertility in sows: A five year field study to analyze the relative roles of heat stress and photoperiod. <i>Theriogenology</i> , 2010, 74, 60-66.	2.1	85
6	Lameness and fertility of sows and gilts in randomly selected loose-housed herds in Finland. <i>Veterinary Record</i> , 2006, 159, 383-387.	0.3	75
7	Impact of lameness and claw lesions in sows on welfare, health and production. <i>Livestock Science</i> , 2013, 156, 2-9.	1.6	74
8	The challenge of large litters on the immune system of the sow and the piglets. <i>Reproduction in Domestic Animals</i> , 2019, 54, 12-21.	1.4	68
9	Experience of moderate bedding affects behaviour of growing pigs. <i>Applied Animal Behaviour Science</i> , 2009, 118, 42-53.	1.9	65
10	Factors effecting reproduction in the pig: seasonal effects and restricted feeding of the pregnant gilt and sow. <i>Animal Reproduction Science</i> , 2000, 60-61, 173-184.	1.5	61
11	The effect of litter size, parity and farrowing duration on placenta expulsion and retention in sows. <i>Theriogenology</i> , 2017, 92, 36-44.	2.1	61
12	Nest-building in sows: Effects of farrowing housing on hormonal modulation of maternal characteristics. <i>Applied Animal Behaviour Science</i> , 2013, 148, 77-84.	1.9	60
13	Early disruption of pregnancy as a manifestation of seasonal infertility in pigs. <i>Animal Reproduction Science</i> , 2002, 74, 75-86.	1.5	57
14	Tail biting induces a strong acute phase response and tail-end inflammation in finishing pigs. <i>Veterinary Journal</i> , 2010, 184, 303-307.	1.7	56
15	Seasonal alterations in circadian melatonin rhythms of the European wild boar and domestic gilt. <i>Journal of Pineal Research</i> , 2001, 30, 43-49.	7.4	48
16	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.	1.9	48
17	Dietary supplementation with yeast hydrolysate in pregnancy influences colostrum yield and gut microbiota of sows and piglets after birth. <i>PLoS ONE</i> , 2018, 13, e0197586.	2.5	48
18	Prolonged duration of farrowing is associated with subsequent decreased fertility in sows. <i>Theriogenology</i> , 2013, 79, 1095-1099.	2.1	47

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19	Porcine Field Fertility with Two Different Insemination Doses and the Effect of Sperm Morphology. <i>Reproduction in Domestic Animals</i> , 2006, 41, 210-213.	1.4	45
20	Effect of chronic treatment with a GnRH agonist (Goserelin) on LH secretion and early pregnancy in gilts. <i>Animal Reproduction Science</i> , 1995, 40, 121-133.	1.5	41
21	Parturition effects on reproductive health in the gilt and sow. <i>Reproduction in Domestic Animals</i> , 2016, 51, 36-47.	1.4	41
22	Prolonged parturition and impaired placenta expulsion increase the risk of postpartum metritis and delay uterine involution in sows. <i>Theriogenology</i> , 2018, 106, 87-92.	2.1	41
23	Factors affecting sow colostrum yield and composition, and their impact on piglet growth and health. <i>Livestock Science</i> , 2019, 227, 60-67.	1.6	41
24	Effects of prepartum housing environment on abnormal behaviour, the farrowing process, and interactions with circulating oxytocin in sows. <i>Applied Animal Behaviour Science</i> , 2015, 162, 20-25.	1.9	38
25	Plasma progesterone concentration depends on sampling site in pigs. <i>Animal Reproduction Science</i> , 2005, 86, 305-316.	1.5	36
26	Oral ketoprofen is effective in the treatment of non-infectious lameness in sows. <i>Veterinary Journal</i> , 2011, 190, 55-59.	1.7	36
27	Validation of Brix refractometer to estimate colostrum immunoglobulin G content and composition in the sow. <i>Animal</i> , 2016, 10, 1728-1733.	3.3	36
28	Impact of group housing of pregnant sows on health. <i>Porcine Health Management</i> , 2016, 2, 17.	2.6	36
29	Management practices to optimize the parturition process in the hyperprolific sow. <i>Journal of Animal Science</i> , 2020, 98, S96-S106.	0.5	36
30	Comparison of Variable-Number Tandem-Repeat Markers typing and IS1245 Restriction Fragment Length Polymorphism fingerprinting of <i>Mycobacterium avium</i> subsp. <i>hominissuis</i> from human and porcine origins. <i>Acta Veterinaria Scandinavica</i> , 2010, 52, 21.	1.6	35
31	Changes in feeding level during early pregnancy affect fertility in gilts. <i>Animal Reproduction Science</i> , 2004, 80, 341-352.	1.5	34
32	Physiological indicators of stress and meat and carcass characteristics in tail bitten slaughter pigs. <i>Acta Veterinaria Scandinavica</i> , 2013, 55, 75.	1.6	32
33	Prevalence and risk factors for lameness in insulated free stall barns in Finland. <i>Livestock Science</i> , 2013, 156, 44-52.	1.6	31
34	Effect of feed restriction and season on LH and prolactin secretion, adrenal response, insulin and FFA in group housed pregnant gilts. <i>Animal Reproduction Science</i> , 1997, 49, 179-190.	1.5	29
35	Housing During Early Pregnancy Affects Fertility and Behaviour of Sows. <i>Reproduction in Domestic Animals</i> , 2008, 43, 584-591.	1.4	29
36	Effects of post-partum administration of ketoprofen on sow health and piglet growth. <i>Veterinary Journal</i> , 2013, 198, 153-157.	1.7	27

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37	Behavioural alterations in piglets after surgical castration: Effects of analgesia and anaesthesia. <i>Research in Veterinary Science</i> , 2019, 125, 36-42.	1.9	25
38	Evaluation of bioequivalence after oral, intramuscular, and intravenous administration of racemic ketoprofen in pigs. <i>American Journal of Veterinary Research</i> , 2008, 69, 108-113.	0.6	22
39	Principles and Clinical Uses of Real-Time Ultrasonography in Female Swine Reproduction. <i>Animals</i> , 2019, 9, 950.	2.3	22
40	Antimicrobial use, biosecurity, herd characteristics, and antimicrobial resistance in indicator <i>Escherichia coli</i> in ten Finnish pig farms. <i>Preventive Veterinary Medicine</i> , 2021, 193, 105408.	1.9	22
41	The photophase light intensity does not affect the scotophase melatonin response in the domestic pig. <i>Animal Reproduction Science</i> , 2001, 65, 283-290.	1.5	21
42	Late gestation diet supplementation of resin acid-enriched composition increases sow colostrum immunoglobulin G content, piglet colostrum intake and improve sow gut microbiota. <i>Animal</i> , 2019, 13, 1599-1606.	3.3	21
43	Coping with large litters: the management of neonatal piglets and sow reproduction. <i>Journal of Animal Science and Technology</i> , 2021, 63, 1-15.	2.5	21
44	Reproduction of group-housed sows. <i>Porcine Health Management</i> , 2016, 2, 15.	2.6	20
45	Factors affecting piglet mortality during the first 24 h after the onset of parturition in large litters: effects of farrowing housing on behaviour of postpartum sows. <i>Animal</i> , 2019, 13, 1045-1053.	3.3	20
46	The Hereditary 'Short Tail' Sperm Defect - A New Reproductive Problem in Yorkshire Boars. <i>Reproduction in Domestic Animals</i> , 2000, 35, 59-63.	1.4	19
47	Developments of reproductive management and biotechnology in the pig. <i>Animal Reproduction</i> , 2019, 16, 524-538.	1.0	19
48	Dose-response investigation of oral ketoprofen in pigs challenged with <i>Escherichia coli</i> endotoxin. <i>Veterinary Record</i> , 2012, 171, 70-70.	0.3	18
49	Diagnosis of endometritis and cystitis in sows: use of biomarkers. <i>Journal of Animal Science</i> , 2020, 98, S107-S116.	0.5	18
50	On-farm welfare and carcass fat score of bulls at slaughter. <i>Livestock Science</i> , 2011, 138, 159-166.	1.6	17
51	Enantiospecific ketoprofen concentrations in plasma after oral and intramuscular administration in growing pigs. <i>Acta Veterinaria Scandinavica</i> , 2012, 54, 55.	1.6	17
52	Etiology of acute respiratory disease in fattening pigs in Finland. <i>Porcine Health Management</i> , 2017, 3, 19.	2.6	17
53	Effect of feeding level on progesterone concentration in early pregnant multiparous sows. <i>Animal Reproduction Science</i> , 2005, 90, 117-126.	1.5	15
54	Factors Affecting Fertility in Loosely Housed Sows and Gilts: Vulvar Discharge Syndrome, Environment and Acute-phase Proteins. <i>Reproduction in Domestic Animals</i> , 2006, 41, 549-554.	1.4	15

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55	Welfare Index and Reproductive Performance in the Sow. <i>Reproduction in Domestic Animals</i> , 2006, 41, 494-500.	1.4	14
56	Sow mortality is associated with meat inspection findings. <i>Livestock Science</i> , 2018, 208, 90-95.	1.6	14
57	Uterine Insemination with a Standard AI Dose in a Sow Pool System. <i>Reproduction in Domestic Animals</i> , 2009, 44, 414-418.	1.4	13
58	The effect of ketoprofen on post-partum behaviour in sows. <i>Applied Animal Behaviour Science</i> , 2014, 158, 16-22.	1.9	13
59	Sow removal in commercial herds: Patterns and animal level factors in Finland. <i>Preventive Veterinary Medicine</i> , 2018, 159, 30-39.	1.9	13
60	Fertility of Sows Fed <i>ad libitum</i> with a High Fibre Diet During Pregnancy. <i>Reproduction in Domestic Animals</i> , 2010, 45, 1008-1014.	1.4	12
61	In-Feed Supplementation of Resin Acid-Enriched Composition Modulates Gut Microbiota, Improves Growth Performance, and Reduces Post-Weaning Diarrhea and Gut Inflammation in Piglets. <i>Animals</i> , 2021, 11, 2511.	2.3	12
62	Behavior changes associated with lameness in sows. <i>Applied Animal Behaviour Science</i> , 2017, 193, 15-20.	1.9	11
63	Altered secretion of LH does not explain seasonal effects on early pregnancy in gilts. <i>Animal Reproduction Science</i> , 1997, 49, 215-224.	1.5	10
64	Vulvar Discharge Syndrome in Loosely Housed Finnish Pigs: Prevalence and Evaluation of Vaginoscopy, Bacteriology and Cytology. <i>Reproduction in Domestic Animals</i> , 2007, 43, 070905002523001-???	1.4	10
65	Night-time Melatonin Secretion and Seasonally Delayed Puberty in Gilts. <i>Reproduction in Domestic Animals</i> , 2005, 40, 224-227.	1.4	9
66	Case-control study of factors associated with arthritis detected at slaughter in pigs from 49 farms. <i>Veterinary Record</i> , 2007, 160, 573-578.	0.3	9
67	Strategic use of anti-GnRH vaccine allowing selection of breeding boars without adverse effects on reproductive or production performances. <i>Theriogenology</i> , 2016, 85, 476-482.	2.1	9
68	Pathological findings in spontaneously dead and euthanized sows – a descriptive study. <i>Porcine Health Management</i> , 2019, 5, 25.	2.6	9
69	Serial transvaginal ultrasound-guided biopsy of the porcine corpus luteum in vivo. <i>Reproduction, Fertility and Development</i> , 2017, 29, 931.	0.4	8
70	Comparison of nest-building materials in farrowing crates. <i>Applied Animal Behaviour Science</i> , 2018, 203, 1-10.	1.9	8
71	Coping with large litters: management effects on welfare and nursing capacity of the sow. <i>Journal of Animal Science and Technology</i> , 2021, 63, 199-210.	2.5	8
72	Short or Long Day Light Regimes May Not Affect Reproductive Performance in the Sow. <i>Reproduction in Domestic Animals</i> , 2008, 43, 708-712.	1.4	7

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73	Photoperiod and luteinizing hormone secretion in domestic and wild pigs. <i>Animal Reproduction Science</i> , 2008, 103, 99-106.	1.5	7
74	Effect of GnRH Dose on Occurrence of Short Oestrous Cycles and LH Response in Cyclic Dairy Heifers. <i>Reproduction in Domestic Animals</i> , 2009, 44, 647-652.	1.4	7
75	The prevalence of internal parasites in wild boar farms in Finland. <i>Acta Veterinaria Scandinavica</i> , 2010, 52, .	1.6	7
76	Quantification of <i>Mycobacterium avium</i> subspecies in pig tissues by real-time quantitative PCR. <i>Acta Veterinaria Scandinavica</i> , 2013, 55, 26.	1.6	7
77	The effects of ovarian biopsy and blood sampling methods on salivary cortisol and behaviour in sows. <i>Research in Veterinary Science</i> , 2017, 114, 80-85.	1.9	7
78	On-farm deaths of dairy cows are associated with features of freestall barns. <i>Journal of Dairy Science</i> , 2018, 101, 6253-6261.	3.4	7
79	Structural characterization of piglet producing farms and their sow removal patterns in Finland. <i>Porcine Health Management</i> , 2019, 5, 12.	2.6	7
80	A practical method for non-surgically inserting intra-arterial catheters in European wild boars (<i>Sus</i>) <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i>	1.6	6
81	High Porcine Parvovirus Antibodies in Sow Herds: Prevalence and Associated Factors. <i>Reproduction in Domestic Animals</i> , 2005, 40, 57-61.	1.4	6
82	Caudal vena cava progesterone and LH release patterns on Day 14 of gestation in primiparous sows. <i>Reproduction, Fertility and Development</i> , 2017, 29, 476.	0.4	6
83	GnRHâ€‘agonist deslorelin implant alters the progesterone release pattern during early pregnancy in gilts. <i>Reproduction in Domestic Animals</i> , 2019, 54, 464-472.	1.4	6
84	Investigation of a simplified artificial lighting programme to improve the fertility of sows in commercial piggeries. <i>Veterinary Record</i> , 2005, 156, 702-705.	0.3	5
85	The effect of ketoprofen on feeding behavior of tail-bitten pigs. <i>Porcine Health Management</i> , 2015, 1, .	2.6	5
86	Progesterone and Luteinizing hormone secretion patterns in early pregnant gilts. <i>Reproduction in Domestic Animals</i> , 2020, 55, 795-804.	1.4	5
87	Parvovirus Antibodies in Vaccinated Gilts in Field Conditions - Results with HI and ELISA tests. <i>Reproduction in Domestic Animals</i> , 2006, 41, 91-93.	1.4	4
88	<i>Metastrongylus</i> spp. infection in a farmed wild boar (<i>Sus scrofa</i>) in Finland. <i>Acta Veterinaria Scandinavica</i> , 2010, 52, .	1.6	4
89	The effect of farrowing duration and parity on preovulatory follicular size and oxytocin release of sows at subsequent oestrus. <i>Reproduction in Domestic Animals</i> , 2018, 53, 776-783.	1.4	4
90	Validation of the Finnish national dairy disease registerâ€‘Data transfer from cow health cards to the disease register. <i>Journal of Dairy Science</i> , 2012, 95, 4309-4318.	3.4	3

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91	Access to chewable materials during lactation affects sow behaviour and interaction with piglets. <i>Applied Animal Behaviour Science</i> , 2021, 234, 105174.	1.9	3
92	BOARD INVITED REVIEW: Immunocontraception as a possible tool to reduce feral pig populations: recent and future perspectives. <i>Journal of Animal Science</i> , 2019, 97, 2283-2290.	0.5	2
93	Administration of aromatase inhibitor MPV-2213ad to blue fox vixens (<i>Vulpes lagopus</i>) as a model for contraception in female dogs. <i>Theriogenology</i> , 2020, 152, 53-63.	2.1	2
94	Modern technology in supervision of parturition to prevent piglet mortality. <i>Acta Veterinaria Scandinavica</i> , 2007, 49, .	1.6	1
95	Endoscopic Visual and near Infrared Diffuse Reflectance Spectral Analysis for the Recognition of Healthy Porcine Gastric and Small Intestinal Wall – A Feasibility Study. <i>Journal of Near Infrared Spectroscopy</i> , 2014, 22, 19-26.	1.5	1
96	Effect of oral KETOPROFEN treatment in acute respiratory disease outbreaks in finishing pigs. <i>Porcine Health Management</i> , 2018, 4, 7.	2.6	1
97	Systemic inflammatory response to shoulder ulcers and lack of preventive effect of postpartum pain medication with ketoprofen in sows. <i>Livestock Science</i> , 2018, 214, 9-17.	1.6	1
98	Troubled Process of Parturition of the Domestic Pig. , 0, , .		1
99	Re-modelling the Piggery Breeding Unit May Affect the Farrowing Rate. <i>Reproduction in Domestic Animals</i> , 2009, 44, 693-698.	1.4	0
100	Factors Affecting Physiology and Endocrinology of Farrowing. , 2011, , .		0
101	Editorial: Taking a Fresh Look at Old Zoonoses, What Have We Been Missing in One Health Research and Education?. <i>Frontiers in Public Health</i> , 2022, 10, 895277.	2.7	0