

Catherine M Dwyer

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57
papers

2,169
citations

27
h-index

45
g-index

58
ext. papers

2,502
ext. citations

2.2
avg, IF

5.11
L-index

#	Paper	IF	Citations
57	The influence of maternal nutrition on muscle fiber number development in the porcine fetus and on subsequent postnatal growth. <i>Journal of Animal Science</i> , 1994 , 72, 911-7	0.7	170
56	Behavioural development in the neonatal lamb: effect of maternal and birth-related factors. <i>Theriogenology</i> , 2003 , 59, 1027-50	2.8	129
55	Muscle cellularity and postnatal growth in the pig. <i>Journal of Animal Science</i> , 1993 , 71, 3339-43	0.7	125
54	Breed, litter and parity effects on placental weight and placentome number, and consequences for the neonatal behaviour of the lamb. <i>Theriogenology</i> , 2005 , 63, 1092-110	2.8	106
53	Ewe-lamb bonding behaviours at birth are affected by maternal undernutrition in pregnancy. <i>British Journal of Nutrition</i> , 2003 , 89, 123-36	3.6	104
52	The welfare of the neonatal lamb. <i>Small Ruminant Research</i> , 2008 , 76, 31-41	1.7	100
51	A review of the behavioural and physiological adaptations of hill and lowland breeds of sheep that favour lamb survival. <i>Applied Animal Behaviour Science</i> , 2005 , 92, 235-260	2.2	90
50	Variability in the expression of maternal behaviour in primiparous sheep: Effects of genotype and litter size. <i>Applied Animal Behaviour Science</i> , 1998 , 58, 311-330	2.2	82
49	Effect of a difficult calving on the vigour of the calf, the onset of maternal behaviour, and some behavioural indicators of pain in the dam. <i>Preventive Veterinary Medicine</i> , 2012 , 103, 248-56	3.1	70
48	Vocalisations between mother and young in sheep: effects of breed and maternal experience. <i>Applied Animal Behaviour Science</i> , 1998 , 58, 105-119	2.2	67
47	Changes in the behaviour of dairy cows during the 24 h before normal calving compared with behaviour during late pregnancy. <i>Applied Animal Behaviour Science</i> , 2011 , 131, 8-14	2.2	66
46	MATERNAL BEHAVIOUR IN DOMESTIC SHEEP (OVIS ARIES): CONSTANCY AND CHANGE WITH MATERNAL EXPERIENCE. <i>Behaviour</i> , 2000 , 137, 1391-1413	1.4	60
45	The perception of the welfare of sheep in extensive systems. <i>Small Ruminant Research</i> , 2006 , 62, 215-225.7		56
44	Effect of maternal undernutrition in early gestation on the development of fetal myofibres in the guinea-pig. <i>Reproduction, Fertility and Development</i> , 1995 , 7, 1285-92	1.8	51
43	Effect of ewe and lamb genotype on gestation length, lambing ease and neonatal behaviour of lambs. <i>Reproduction, Fertility and Development</i> , 1996 , 8, 1123-9	1.8	51
42	Behavioural predictors of the start of normal and dystocic calving in dairy cows and heifers. <i>Applied Animal Behaviour Science</i> , 2011 , 132, 14-19	2.2	49
41	Individual variation in the expression of maternal behaviour: a review of the neuroendocrine mechanisms in the sheep. <i>Journal of Neuroendocrinology</i> , 2008 , 20, 526-34	3.8	48

40	The effects of selection for lean tissue content on maternal and neonatal lamb behaviours in Scottish Blackface sheep. <i>Animal Science</i> , 2001 , 72, 555-571		44
39	Ewe and ewe lamb behaviour in a hill and a lowland breed of sheep: a study using embryo transfer. <i>Applied Animal Behaviour Science</i> , 1999 , 61, 319-334	2.2	42
38	Welfare of sheep: Providing for welfare in an extensive environment. <i>Small Ruminant Research</i> , 2009 , 86, 14-21	1.7	39
37	EFFECTS OF MATERNAL GENOTYPE AND BEHAVIOUR ON THE BEHAVIOURAL DEVELOPMENT OF THEIR OFFSPRING IN SHEEP. <i>Behaviour</i> , 2000 , 137, 1629-1654	1.4	39
36	How Can We Assess Positive Welfare in Ruminants?. <i>Animals</i> , 2019 , 9,	3.1	37
35	Prepartum plasma estradiol and postpartum cortisol, but not oxytocin, are associated with interindividual and breed differences in the expression of maternal behaviour in sheep. <i>Hormones and Behavior</i> , 2004 , 46, 529-43	3.7	33
34	Supplementation of a restricted maternal diet with protein or carbohydrate alone prevents a reduction in fetal muscle fibre number in the guinea-pig. <i>British Journal of Nutrition</i> , 1994 , 72, 173-80	3.6	31
33	DOES THE BEHAVIOUR OF THE NEONATE INFLUENCE THE EXPRESSION OF MATERNAL BEHAVIOUR IN SHEEP?. <i>Behaviour</i> , 1999 , 136, 367-389	1.4	30
32	Factors affecting dystocia and offspring vigour in different sheep genotypes. <i>Preventive Veterinary Medicine</i> , 2012 , 103, 257-64	3.1	29
31	Parturition progress and behaviours in dairy cows with calving difficulty. <i>Applied Animal Behaviour Science</i> , 2012 , 139, 209-217	2.2	28
30	Genetic selection for extensive conditions. <i>Applied Animal Behaviour Science</i> , 1996 , 49, 47-59	2.2	26
29	Evaluation of Animal-Based Indicators to Be Used in a Welfare Assessment Protocol for Sheep. <i>Frontiers in Veterinary Science</i> , 2017 , 4, 210	3.1	24
28	Physiological correlates of maternal-offspring behaviour in sheep: a factor analysis. <i>Physiology and Behavior</i> , 1999 , 67, 443-54	3.5	24
27	Sources of variation in myofibre number within and between litters of pigs. <i>Animal Science</i> , 1991 , 52, 527-533		24
26	Effects of cobalt/vitamin B12 status in ewes on ovum development and lamb viability at birth. <i>Reproduction, Fertility and Development</i> , 2007 , 19, 553-62	1.8	22
25	Genetic parameters for fitness and neonatal behavior traits in sheep. <i>Behavior Genetics</i> , 2012 , 42, 899-912	3.2	21
24	Breed differences in the expression of maternal care at parturition persist throughout the lactation period in sheep. <i>Applied Animal Behaviour Science</i> , 2011 , 132, 33-41	2.2	21
23	Ewes are more attentive to their offspring experiencing pain but not stress. <i>Applied Animal Behaviour Science</i> , 2011 , 132, 114-120	2.2	19

22	Differential effects of maternal undernutrition between days 1 and 90 of pregnancy on ewe and lamb performance and lamb parasitism in hill or lowland breeds. <i>Journal of Animal Science</i> , 2010 , 88, 3833-42	0.7	17
21	Rabbit welfare: determining priority welfare issues for pet rabbits using a modified Delphi method. <i>Veterinary Record Open</i> , 2019 , 6, e000363	1.4	17
20	Prioritization of Farm Animal Welfare Issues Using Expert Consensus. <i>Frontiers in Veterinary Science</i> , 2019 , 6, 495	3.1	16
19	Positive and negative gestational handling influences placental traits and mother-offspring behavior in dairy goats. <i>Physiology and Behavior</i> , 2016 , 157, 129-38	3.5	14
18	Farm characteristics in Slovene wolf habitat related to attacks on sheep. <i>Applied Animal Behaviour Science</i> , 2013 , 144, 46-56	2.2	14
17	Administration of a NSAID (meloxicam) affects lying behaviour after caesarean section in beef cows. <i>Applied Animal Behaviour Science</i> , 2014 , 155, 28-33	2.2	14
16	Frequency and cost of human intervention at lambing: an interbreed comparison. <i>Veterinary Record</i> , 2005 , 157, 101-4	0.9	14
15	Induction of maternal behaviour in non-pregnant, hormone-primed ewes. <i>Animal Science</i> , 1997 , 65, 403-408		13
14	Does the anticipatory behaviour of chickens communicate reward quality?. <i>Applied Animal Behaviour Science</i> , 2016 , 184, 80-90	2.2	13
13	Hens vary their vocal repertoire and structure when anticipating different types of reward. <i>Animal Behaviour</i> , 2017 , 130, 79-96	2.8	12
12	Parity effects on maternal behaviour are not related to circulating oestradiol concentrations in two breeds of sheep. <i>Physiology and Behavior</i> , 2008 , 93, 148-54	3.5	12
11	Pain in lambs castrated at 2 days using novel smaller and tighter rubber rings without and with local anaesthetic. <i>Veterinary Journal</i> , 2012 , 193, 81-6	2.5	10
10	Determining priority welfare issues for cats in the United Kingdom using expert consensus. <i>Veterinary Record Open</i> , 2019 , 6, e000365	1.4	9
9	The Welfare of Sheep. <i>Animal Welfare</i> , 2008 ,	1	8
8	Prioritisation of animal welfare issues in the UK using expert consensus. <i>Veterinary Record</i> , 2020 , 187, 490	0.9	8
7	Ewes Direct Most Maternal Attention towards Lambs that Show the Greatest Pain-Related Behavioural Responses. <i>PLoS ONE</i> , 2015 , 10, e0134024	3.7	7
6	Determining a Welfare Prioritization for Horses Using a Delphi Method. <i>Animals</i> , 2020 , 10,	3.1	5
5	Reproductive management (including impacts of prenatal stress on offspring development) 2017 , 131-152		3

4	Short communication: survival, growth to weaning, and subsequent fertility of live-born dairy heifers after a difficult birth. <i>Journal of Dairy Science</i> , 2012 , 95, 6750-4	4	3
3	The effect of gestational undernutrition on maternal weight change and fetal weight in lines of mice selected for different growth characteristics. <i>British Journal of Nutrition</i> , 2011 , 105, 539-48	3.6	1
2	Qualitative behavioural assessment of pain in castrated lambs. <i>Applied Animal Behaviour Science</i> , 2020 , 233, 105143	2.2	1
1	Contributors wanted for UK/Japanese animal welfare study.. <i>Veterinary Record</i> , 2022 , 190, 80-81	0.9	