

# Brad A Freking

## List of Publications by Year in descending order

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77  
papers

2,657  
citations

230014

27  
h-index

214428

50  
g-index

77  
all docs

77  
docs citations

77  
times ranked

2422  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of the sheep industry and genetic research in the United States: opportunities for convergence in the twenty-first century. <i>Animal Genetics</i> , 2021, 52, 395-408.	0.6	24
2	Effect of TMEM154 E35K variant (haplotypes $\alpha 1$ and $\alpha 3$ ) on the incidence of ovine lentivirus infection and ewe productivity during lifetime exposure. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	5
3	Comparison of performance of F1 Romanov crossbred ewes with wool and hair breeds during fall lambing and body weight and longevity through six production years. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	1
4	Comparison of performance of F1 Romanov crossbred ewes with wool and hair breeds during spring lambing under intensive and extensive production systems. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	5
5	Genetic and nongenetic factors influencing ewe prolificacy and lamb body weight in a closed Romanov flock. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	5
6	Development, selection criteria, and performance of Composite IV sheep at the U.S. Meat Animal Research Center <sup>1,2</sup> . <i>Translational Animal Science</i> , 2020, 4, S150-S154.	0.4	2
7	Intrauterine position and adjacent fetal sex affects fetal and placental growth throughout gestation, but not embryonic viability, in pigs selected for component traits of litter size. <i>Animal Reproduction Science</i> , 2019, 209, 106139.	0.5	9
8	Rambouillet and Romanov reciprocal breed effects on survival and growth traits of F1 lambs and on reproductive traits of F1 ewes <sup>1</sup> . <i>Journal of Animal Science</i> , 2019, 97, 578-586.	0.2	8
9	Effects and interactions of myostatin and callipyge mutations: I. Growth and carcass traits. <i>Journal of Animal Science</i> , 2018, 96, 454-461.	0.2	3
10	Energy balance affects pulsatile secretion of luteinizing hormone from the adenohipophysis and expression of neurokinin B in the hypothalamus of ovariectomized gilts $\hat{\epsilon}$ . <i>Biology of Reproduction</i> , 2018, 99, 433-445.	1.2	9
11	Relationship of neuropeptide FF receptors with pubertal maturation of gilts $\hat{\epsilon}$ . <i>Biology of Reproduction</i> , 2017, 96, 617-634.	1.2	25
12	Litter-of-origin trait effects on gilt development <sup>1</sup> . <i>Journal of Animal Science</i> , 2016, 94, 96-105.	0.2	23
13	Plasma concentrations of acyl-ghrelin are associated with average daily gain and feeding behavior in grow-finish pigs. <i>Domestic Animal Endocrinology</i> , 2016, 55, 107-113.	0.8	5
14	Selection for uterine capacity improves lifetime productivity of sows. <i>Animal Reproduction Science</i> , 2016, 167, 16-21.	0.5	27
15	Contributions of the maternal uterine environment and piglet genotype on weaning survivability potential: II. Piglet growth, lactation performance, milk composition, and piglet blood profiles during lactation following reciprocal embryo transfers between Meishan and White crossbred gilts <sup>1</sup> . <i>Journal of Animal Science</i> , 2015, 93, 1555-1564.	0.2	8
16	Age at puberty, ovulation rate, and uterine length of developing gilts fed two lysine and three metabolizable energy concentrations from 100 to 260 d of age <sup>1</sup> . <i>Journal of Animal Science</i> , 2015, 93, 3521-3527.	0.2	16
17	Comparative genomics reveals tissue-specific regulation of prolactin receptor gene expression. <i>Journal of Molecular Endocrinology</i> , 2015, 54, 1-15.	1.1	23
18	Measures of the ovaries and uterus during development of gilts selected for differences in uterine capacity <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2014, 92, 2433-2439.	0.2	15

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19	Variation in the coding and 3' untranslated regions of the porcine prolactin receptor short form modifies protein expression and function. <i>Animal Genetics</i> , 2014, 45, 74-86.	0.6	10
20	A novel first exon directs hormone-sensitive transcription of the pig prolactin receptor. <i>Journal of Molecular Endocrinology</i> , 2013, 51, 1-13.	1.1	34
21	The relationship of plasma urea nitrogen with growth traits and age at first estrus in gilts <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2013, 91, 3137-3142.	0.2	10
22	Differences in X-Chromosome Transcriptional Activity and Cholesterol Metabolism between Placentae from Swine Breeds from Asian and Western Origins. <i>PLoS ONE</i> , 2013, 8, e55345.	1.1	37
23	Contributions of the maternal uterine environment and piglet genotype on weaning survivability potential: I. Development of neonatal piglets after reciprocal embryo transfers between Meishan and White crossbred gilts <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2012, 90, 2181-2192.	0.2	11
24	Boar sperm quality in lines of pigs selected for either ovulation rate or uterine capacity <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2012, 90, 2515-2523.	0.2	5
25	Boar sperm quality in lines of pigs selected for either ovulation rate or uterine capacity. <i>Journal of Animal Science</i> , 2012, 90, 2515-2523.	0.2	2
26	Effect of empty uterine space on birth intervals and fetal and placental development in pigs. <i>Animal Reproduction Science</i> , 2011, 125, 158-164.	0.5	28
27	Association of Porcine Heparanase and Hyaluronidase 1 and 2 with Reproductive and Production Traits in a Landrace "Duroc" Yorkshire Population. <i>Frontiers in Genetics</i> , 2011, 2, 20.	1.1	7
28	148 PIGLET GROWTH AND BLOOD COMPONENTS DURING LACTATION FOLLOWING RECIPROCAL EMBRYO TRANSFER BETWEEN MEISHAN AND WHITE CROSSBRED GILTS. <i>Reproduction, Fertility and Development</i> , 2011, 23, 177.	0.1	0
29	Ovine reference materials and assays for prion genetic testing. <i>BMC Veterinary Research</i> , 2010, 6, 23.	0.7	12
30	Effect of fetal size on fetal placental hyaluronan and hyaluronoglucosaminidases throughout gestation in the pig. <i>Animal Reproduction Science</i> , 2010, 118, 297-309.	0.5	19
31	Molecular cloning and characterisation of heparanase mRNA in the porcine placenta throughout gestation. <i>Reproduction, Fertility and Development</i> , 2009, 21, 757.	0.1	27
32	Characterization of Conserved and Nonconserved Imprinted Genes in Swine <sup>1</sup> . <i>Biology of Reproduction</i> , 2009, 81, 906-920.	1.2	88
33	Identification of SNPs and INDELS in swine transcribed sequences using short oligonucleotide microarrays. <i>BMC Genomics</i> , 2008, 9, 252.	1.2	10
34	Development of Cell Lines from the Sheep Used to Construct the CHORI-243 Ovine BAC Library. <i>Animal Biotechnology</i> , 2008, 19, 84-88.	0.7	2
35	Conceptus development during blastocyst elongation in lines of pigs selected for increased uterine capacity or ovulation rate <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2008, 86, 2126-2134.	0.2	17
36	Placental Hyaluronidase Expression during Gestation in Swine.. <i>Biology of Reproduction</i> , 2008, 78, 217-218.	1.2	0

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37	Differences in placental structure during gestation associated with large and small pig fetuses <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2007, 85, 3267-3275.	0.2	78
38	Number of fetuses and conceptus growth throughout gestation in lines of pigs selected for ovulation rate or uterine capacity <sup>1</sup> . <i>Journal of Animal Science</i> , 2007, 85, 2093-2103.	0.2	70
39	Single nucleotide polymorphisms for pig identification and parentage exclusion. <i>Animal Genetics</i> , 2007, 38, 253-258.	0.6	45
40	Evaluation of associations between prion haplotypes and growth, carcass, and meat quality traits in a Dorset × Romanov sheep population <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2006, 84, 783-788.	0.2	26
41	Changes in fetal organ weights during gestation after selection for ovulation rate and uterine capacity in swine <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2006, 84, 2338-2345.	0.2	17
42	Evaluation of the ovine callipyge locus: IV. Genotypic effects on reproductive traits <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2006, 84, 311-316.	0.2	5
43	Annotation of the Affymetrix <sup>1</sup> porcine genome microarray. <i>Animal Genetics</i> , 2006, 37, 423-424.	0.6	110
44	Callipyge mutation affects gene expression in cis: A potential role for chromatin structure. <i>Genome Research</i> , 2006, 16, 340-346.	2.4	31
45	256 LINES OF PIGS SELECTED FOR COMPONENT TRAITS OF LITTER SIZE EXHIBIT DIFFERENTIAL GENE REGULATION AT THE ONSET OF EMBRYO (TROPHECTODERM) ELONGATION. <i>Reproduction, Fertility and Development</i> , 2006, 18, 235.	0.1	1
46	Allelic variation in the erythropoietin receptor gene is associated with uterine capacity and litter size in swine*. <i>Animal Genetics</i> , 2005, 36, 97-103.	0.6	38
47	Assignment of 12 genes to porcine chromosome 1 by linkage and radiation hybrid mapping. <i>Animal Genetics</i> , 2005, 36, 051006062228007-???	0.6	3
48	Abnormal postnatal maintenance of elevated DLK1 transcript levels in callipyge sheep. <i>Mammalian Genome</i> , 2005, 16, 171-183.	1.0	38
49	Evaluation of Dorset, Finnsheep, Romanov, Texel, and Montadale breeds of sheep: V. Reproduction of F1 ewes in spring mating seasons <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2005, 83, 2743-2751.	0.2	22
50	Allelic variation in the secreted folate binding protein gene is associated with uterine capacity in swine <sup>1</sup> . <i>Journal of Animal Science</i> , 2005, 83, 1860-1867.	0.2	14
51	Evaluation of Dorset, Finnsheep, Romanov, Texel, and Montadale breeds of sheep: II. Reproduction of F1 ewes in fall mating seasons <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2004, 82, 1280-1289.	0.2	27
52	Evaluation of Dorset, Finnsheep, Romanov, Texel, and Montadale breeds of sheep: III. Wool characteristics of F1 ewes <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2004, 82, 2293-2300.	0.2	10
53	Evaluation of Dorset, Finnsheep, Romanov, Texel, and Montadale breeds of sheep: IV. Survival, growth, and carcass traits of F1 lambs <sup>1,2</sup> . <i>Journal of Animal Science</i> , 2004, 82, 3144-3153.	0.2	45
54	Prion gene sequence variation within diverse groups of U.S. sheep, beef cattle, and deer. <i>Mammalian Genome</i> , 2003, 14, 765-777.	1.0	104

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55	Identification of the Single Base Change Causing the Callipyge Muscle Hypertrophy Phenotype, the Only Known Example of Polar Overdominance in Mammals. <i>Genome Research</i> , 2002, 12, 1496-1506.	2.4	195
56	Porcine gene discovery by normalized cDNA-library sequencing and EST cluster assembly. <i>Mammalian Genome</i> , 2002, 13, 475-478.	1.0	87
57	Single nucleotide polymorphism (SNP) discovery in porcine expressed genes. <i>Animal Genetics</i> , 2002, 33, 186-195.	0.6	62
58	An integrated comparative map of the porcine X chromosome. <i>Animal Genetics</i> , 2002, 33, 178-185.	0.6	26
59	An Enhanced Linkage Map of the Sheep Genome Comprising More Than 1000 Loci. <i>Genome Research</i> , 2001, 11, 1275-1289.	2.4	198
60	Comparative mapping of BTA15 and HSA11 including a region containing a QTL for meat tenderness. <i>Mammalian Genome</i> , 2001, 12, 561-565.	1.0	31
61	A porcine BAC library with tenfold genome coverage: a resource for physical and genetic map integration. <i>Mammalian Genome</i> , 2001, 12, 472-474.	1.0	52
62	Sequence Evaluation of Four Pooled-Tissue Normalized Bovine cDNA Libraries and Construction of a Gene Index for Cattle. <i>Genome Research</i> , 2001, 11, 626-630.	2.4	98
63	Comparative mapping of BTA15 and HSA11 including a region containing a QTL for meat tenderness. , 2001, 12, 561.		2
64	Comparative mapping of the ovine clpg locus. <i>Mammalian Genome</i> , 2000, 11, 871-876.	1.0	19
65	Evaluation of Dorset, Finnsheep, Romanov, Texel, and Montadale breeds of sheep: I. Effects of ram breed on productivity of ewes of two crossbred populations.. <i>Journal of Animal Science</i> , 2000, 78, 1422.	0.2	27
66	Evaluation of the ovine callipyge locus: III. genotypic effects on meat quality traits.. <i>Journal of Animal Science</i> , 1999, 77, 2336.	0.2	48
67	Genomic Organization and Genetic Mapping of the Bovine PREF-1 Gene. <i>Biochemical and Biophysical Research Communications</i> , 1999, 264, 662-667.	1.0	22
68	A second-generation linkage map of the sheep genome. <i>Mammalian Genome</i> , 1998, 9, 204-209.	1.0	155
69	Microsatellite Evolution: Testing the Ascertainment Bias Hypothesis. <i>Journal of Molecular Evolution</i> , 1998, 46, 256-260.	0.8	48
70	Evaluation of the ovine callipyge locus: II. Genotypic effects on growth, slaughter, and carcass traits.. <i>Journal of Animal Science</i> , 1998, 76, 2549.	0.2	60
71	Evaluation of the ovine callipyge locus: I. Relative chromosomal position and gene action.. <i>Journal of Animal Science</i> , 1998, 76, 2062.	0.2	68
72	Chromosomal assignment by linkage of 19 unassigned bovine microsatellites using ovine reference populations. <i>Animal Genetics</i> , 1998, 29, 150-1.	0.6	4

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73	Divergent selection for heat loss in mice: II. Correlated responses in feed intake, body mass, body composition, and number born through fifteen generations.. Journal of Animal Science, 1997, 75, 1469.	0.2	56
74	Divergent selection for heat loss in mice: I. Selection applied and direct response through fifteen generations.. Journal of Animal Science, 1997, 75, 1461.	0.2	64
75	Extensive genomic conservation of cattle microsatellite heterozygosity in sheep. Animal Genetics, 1997, 28, 274-290.	0.6	63
76	Interrelationships of heifer milk production and other biological traits with production efficiency to weaning. Journal of Animal Science, 1992, 70, 646-655.	0.2	27
77	Relative calving date of first-calf heifers as related to production efficiency and subsequent reproductive performance.. Journal of Animal Science, 1990, 68, 1812.	0.2	29