

# Donagh Berry

## List of Publications by Year in descending order

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369  
papers

14,241  
citations

28736

57  
h-index

42259

96  
g-index

375  
all docs

375  
docs citations

375  
times ranked

8598  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Genetics, Genetic Engineering and Dairy Foods. , 2022, , 345-351.		0
2	The response to genetic merit for milk production in dairy cows differs by cow body weight. JDS Communications, 2022, 3, 32-37.	0.5	6
3	Are subjectively scored linear type traits suitable predictors of the genetic merit for feed intake in grazing Holstein-Friesian dairy cows?. Journal of Dairy Science, 2022, 105, 1346-1356.	1.4	2
4	Exploiting genetic variability in the trajectory of lactation yield and somatic cell score with each progressing parity. Journal of Dairy Science, 2022, 105, 3341-3354.	1.4	5
5	The development of effective ruminant breeding programmes in Ireland from science to practice. Irish Journal of Agricultural and Food Research, 2022, 61, .	0.2	4
6	The Association Between Genomic Heterozygosity and Carcass Merit in Cattle. Frontiers in Genetics, 2022, 13, 789270.	1.1	3
7	Editorial: Beef on Dairy: The Use of a Simple Tool to Improve Both Cattle Production Systems. Frontiers in Genetics, 2022, 13, 813949.	1.1	1
8	Breeding for improved protein fractions and free amino acids concentration in bovine milk. Journal of Animal Breeding and Genetics, 2022, , .	0.8	1
9	Are Type and Screen Samples Routinely Necessary Before Laparoscopic Cholecystectomy?. Journal of Gastrointestinal Surgery, 2021, 25, 447-451.	0.9	6
10	Evaluation of the International Society for Animal Genetics bovine single nucleotide polymorphism parentage panel in South African Bonsmara and Drakensberger cattle. Tropical Animal Health and Production, 2021, 53, 32.	0.5	1
11	Inter-animal genetic variability exist in organoleptic properties of prime beef meat. Meat Science, 2021, 173, 108401.	2.7	11
12	Eating quality of the longissimus thoracis muscle in beef cattle “ Contributing factors to the underlying variability and associations with performance traits. Meat Science, 2021, 172, 108371.	2.7	20
13	Genetic and nongenetic factors associated with lactation length in seasonal-calving, pasture-based dairy cows. Journal of Dairy Science, 2021, 104, 561-574.	1.4	1
14	Historical Introgression from Wild Relatives Enhanced Climatic Adaptation and Resistance to Pneumonia in Sheep. Molecular Biology and Evolution, 2021, 38, 838-855.	3.5	44
15	A Service-based Joint Model Used for Distributed Learning: Application for Smart Agriculture. IEEE Transactions on Emerging Topics in Computing, 2021, , 1-1.	3.2	16
16	Concordance rate in cattle and sheep between genotypes differing in Illumina GenCall quality score. Animal Genetics, 2021, 52, 208-213.	0.6	5
17	Formulation of a decision support tool incorporating both genetic and non-genetic effects to rank young growing cattle on expected market value. Animal, 2021, 15, 100077.	1.3	11
18	Identification of genomic regions that exhibit sexual dimorphism for size and muscularity in cattle. Journal of Animal Science, 2021, 99, .	0.2	4

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19	Short communication: Differences in genetic merit for visually-assessed body condition score materialises as phenotypic differences in tactile-based body condition score in commercial dairy cows. <i>Animal</i> , 2021, 15, 100181.	1.3	5
20	Assessing single-nucleotide polymorphism selection methods for the development of a low-density panel optimized for imputation in South African Drakensberger beef cattle. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	3
21	Invited review: Beef-on-dairy—The generation of crossbred beef — dairy cattle. <i>Journal of Dairy Science</i> , 2021, 104, 3789-3819.	1.4	62
22	Genetic and non-genetic factors associated with health and vitality traits in beef calves. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	4
23	Integrative genomics of the mammalian alveolar macrophage response to intracellular mycobacteria. <i>BMC Genomics</i> , 2021, 22, 343.	1.2	11
24	Herd solutions from genetic evaluations can be used as a tool to rescale the expected expression of genetic potential in cattle. <i>Journal of Animal Breeding and Genetics</i> , 2021, 138, 655-667.	0.8	5
25	Commercial beef farms excelling in terminal and maternal genetic merit generate more gross profit. <i>Translational Animal Science</i> , 2021, 5, txab101.	0.4	5
26	Prediction of genetic merit for live weight and body condition score in dairy cows using routinely available linear type and carcass data. <i>Journal of Dairy Science</i> , 2021, 104, 6885-6896.	1.4	8
27	Predicting cow milk quality traits from routinely available milk spectra using statistical machine learning methods. <i>Journal of Dairy Science</i> , 2021, 104, 7438-7447.	1.4	36
28	Evaluation of partial body weight for predicting body weight and average daily gain in growing beef cattle. <i>Translational Animal Science</i> , 2021, 5, txab126.	0.4	12
29	Cross-sectional analyses of a national database to determine if superior genetic merit translates to superior dairy cow performance. <i>Journal of Dairy Science</i> , 2021, 104, 8076-8093.	1.4	13
30	Sensory Consumer and Descriptive Analysis of Steaks from Beef Animals Selected from Tough and Tender Animal Genotypes: Genetic Meat Quality Traits Can Be Detected by Consumers. <i>Foods</i> , 2021, 10, 1911.	1.9	7
31	Contribution of herd characteristics to best linear unbiased estimates of slaughter traits in beef cattle. <i>Animal</i> , 2021, 15, 100321.	1.3	2
32	Quantifying genetic differences between exported dairy bull calves and those sold for domestic beef production. <i>JDS Communications</i> , 2021, , .	0.5	1
33	Contribution of genetic variability to phenotypic differences in on-farm efficiency metrics of dairy cows based on body weight and milk solids yield. <i>Journal of Dairy Science</i> , 2021, 104, 12693-12702.	1.4	3
34	Predicting male dairy calf live weight for use in calf management decision support. <i>JDS Communications</i> , 2021, 2, 257-261.	0.5	3
35	Genetic variability in the feeding behavior of crossbred growing cattle and associations with performance and feed efficiency. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	1
36	Genome-wide association analyses of carcass traits using copy number variants and raw intensity values of single nucleotide polymorphisms in cattle. <i>BMC Genomics</i> , 2021, 22, 757.	1.2	4

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37	Dairy Producers Who Market Their Surplus Progeny as Calves Use Germplasm With Slightly Lighter and Less-Conformed Carcasses Than Producers Who Rear Their Surplus Progeny Beyond Weaning. <i>Frontiers in Veterinary Science</i> , 2021, 8, 731894.	0.9	3
38	The Contribution of Copy Number Variants and Single Nucleotide Polymorphisms to the Additive Genetic Variance of Carcass Traits in Cattle. <i>Frontiers in Genetics</i> , 2021, 12, 761503.	1.1	1
39	Using artificial intelligence to automate meat cut identification from the <i>semimembranosus</i> muscle on beef boning lines. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	4
40	Phenotypic and genetic associations between feeding behavior and carcass merit in crossbred growing cattle. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	2
41	Population structure and breed composition prediction in a multi-breed sheep population using genome-wide single nucleotide polymorphism genotypes. <i>Animal</i> , 2020, 14, 464-474.	1.3	5
42	Genetic and nongenetic factors associated with the fate of maiden ewe lambs: slaughtered without ever lambing versus retained for breeding <sup>1</sup> . <i>Translational Animal Science</i> , 2020, 4, 242-249.	0.4	1
43	Choice of artificial insemination beef bulls used to mate with female dairy cattle. <i>Journal of Dairy Science</i> , 2020, 103, 1701-1710.	1.4	16
44	An index framework founded on the future profit potential of female beef cattle to aid the identification of candidates for culling. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	6
45	Feed and production efficiency of young crossbred beef cattle stratified on a terminal total merit index <sup>1</sup> . <i>Translational Animal Science</i> , 2020, 4, txaa106.	0.4	7
46	Validation of a beef cattle maternal breeding objective based on a cross-sectional analysis of a large national cattle database. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	20
47	Carcass and efficiency metrics of beef cattle differ by whether the calf was born in a dairy or a beef herd. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	12
48	Large variability in feeding behavior among crossbred growing cattle. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	10
49	Short communication: Animal-level factors associated with whether a dairy female is mated to a dairy or beef bull. <i>Journal of Dairy Science</i> , 2020, 103, 8343-8349.	1.4	5
50	Short communication: The beef merit of the sire mated to a dairy female affects her subsequent performance. <i>Journal of Dairy Science</i> , 2020, 103, 8241-8250.	1.4	16
51	Genetic control of temperament traits across species: association of autism spectrum disorder risk genes with cattle temperament. <i>Genetics Selection Evolution</i> , 2020, 52, 51.	1.2	25
52	Breed- and trait-specific associations define the genetic architecture of calving performance traits in cattle. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	22
53	Heteropaternal superfecundation frequently occurs in multiple-bearing mob-mated sheep. <i>Animal Genetics</i> , 2020, 51, 579-583.	0.6	3
54	The achievement of a given carcass specification is under moderate genetic control in cattle. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	6

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55	Considerable potential exists to improve lambing performance traits in sheep through breeding. <i>Livestock Science</i> , 2020, 235, 104007.	0.6	4
56	Concordance rate between copy number variants detected using either high- or medium-density single nucleotide polymorphism genotype panels and the potential of imputing copy number variants from flanking high density single nucleotide polymorphism haplotypes in cattle. <i>BMC Genomics</i> , 2020, 21, 205.	1.2	8
57	Animal-level factors associated with the achievement of desirable specifications in Irish beef carcasses graded using the EUROP classification system. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	25
58	Genomic Regions Associated With Skeletal Type Traits in Beef and Dairy Cattle Are Common to Regions Associated With Carcass Traits, Feed Intake and Calving Difficulty. <i>Frontiers in Genetics</i> , 2020, 11, 20.	1.1	21
59	On-farm net benefit of genotyping candidate female replacement cattle and sheep. <i>Animal</i> , 2020, 14, 1565-1575.	1.3	5
60	Observed progeny performance validates the benefit of mating genetically elite beef sires to dairy females. <i>Journal of Dairy Science</i> , 2020, 103, 2523-2533.	1.4	31
61	Genomic regions associated with muscularity in beef cattle differ in five contrasting cattle breeds. <i>Genetics Selection Evolution</i> , 2020, 52, 2.	1.2	26
62	The use of subjectively assessed muscular and skeletal traits on live cattle to aid in differentiation between animal genetically divergent in carcass kill out metrics. <i>Livestock Science</i> , 2020, 234, 103984.	0.6	2
63	Mean difference in live-weight per incremental difference in body condition score estimated in multiple sheep breeds and crossbreds. <i>Animal</i> , 2019, 13, 549-553.	1.3	16
64	An association analysis of sow parity, live-weight and back-fat depth as indicators of sow productivity. <i>Animal</i> , 2019, 13, 622-630.	1.3	32
65	Genetic (co)variances between milk mineral concentration and chemical composition in lactating Holstein-Friesian dairy cows. <i>Animal</i> , 2019, 13, 477-486.	1.3	19
66	A large interactive visual database of copy number variants discovered in taurine cattle. <i>GigaScience</i> , 2019, 8, .	3.3	19
67	How herd best linear unbiased estimates affect the progress achievable from gains in additive and nonadditive genetic merit. <i>Journal of Dairy Science</i> , 2019, 102, 5295-5304.	1.4	11
68	Using the difference in actual and expected calf liveweight relative to its dam liveweight as a statistic for interherd and intraherd benchmarking and genetic evaluations <sup>1</sup> . <i>Journal of Animal Science</i> , 2019, 97, 4737-4745.	0.2	2
69	Feed efficiency and carcass metrics in growing cattle <sup>1</sup> . <i>Journal of Animal Science</i> , 2019, 97, 4405-4417.	0.2	28
70	A mating advice system in dairy cattle incorporating genomic information. <i>Journal of Dairy Science</i> , 2019, 102, 8210-8220.	1.4	21
71	Factors associated with the weight of individual primal cuts and their inter-relationship in cattle. <i>Translational Animal Science</i> , 2019, 3, 1593-1605.	0.4	9
72	Reaffirmation of known major genes and the identification of novel candidate genes associated with carcass-related metrics based on whole genome sequence within a large multi-breed cattle population. <i>BMC Genomics</i> , 2019, 20, 720.	1.2	59

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73	Associations between colostrum management, passive immunity, calf-related hygiene practices, and rates of mortality in preweaning dairy calves. <i>Journal of Dairy Science</i> , 2019, 102, 10266-10276.	1.4	36
74	Cattle stratified on genetic merit segregate on carcass characteristics, but there is scope for improvement <sup>1</sup> . <i>Translational Animal Science</i> , 2019, 3, 893-902.	0.4	2
75	Deriving economic values for national sheep breeding objectives using a bio-economic model. <i>Livestock Science</i> , 2019, 227, 44-54.	0.6	20
76	Porcine Feed Efficiency-Associated Intestinal Microbiota and Physiological Traits: Finding Consistent Cross-Local Biomarkers for Residual Feed Intake. <i>MSystems</i> , 2019, 4, .	1.7	45
77	Predicted carcass meat yield and primal cut yields in cattle divergent in genetic merit for a terminal index. <i>Translational Animal Science</i> , 2019, 3, 1-13.	0.4	10
78	Linear classification scores in beef cattle as predictors of genetic merit for individual carcass primal cut yields <sup>1</sup> . <i>Journal of Animal Science</i> , 2019, 97, 2329-2341.	0.2	23
79	Genome-wide association study of endo-parasite phenotypes using imputed whole-genome sequence data in dairy and beef cattle. <i>Genetics Selection Evolution</i> , 2019, 51, 15.	1.2	28
80	Potential exists to change, through breeding, the yield of individual primal carcass cuts in cattle without increasing overall carcass weight <sup>1</sup> . <i>Journal of Animal Science</i> , 2019, 97, 2769-2779.	0.2	19
81	Leveraging Social Network Analysis for Characterizing Cohesion of Human-Managed Animals. <i>IEEE Transactions on Computational Social Systems</i> , 2019, 6, 323-337.	3.2	16
82	Candidate genes associated with the heritable humoral response to <i>Mycobacterium avium</i> ssp. <i>paratuberculosis</i> in dairy cows have factors in common with gastrointestinal diseases in humans. <i>Journal of Dairy Science</i> , 2019, 102, 4249-4263.	1.4	23
83	Variance components for bovine tuberculosis infection and multi-breed genome-wide association analysis using imputed whole genome sequence data. <i>PLoS ONE</i> , 2019, 14, e0212067.	1.1	29
84	Dressing percentage and the differential between live weight and carcass weight in cattle are influenced by both genetic and non-genetic factors <sup>1</sup> . <i>Journal of Animal Science</i> , 2019, 97, 1501-1512.	0.2	40
85	Sheep lameness detection from individual hoof load. <i>Computers and Electronics in Agriculture</i> , 2019, 158, 241-248.	3.7	9
86	High imputation accuracy from informative low-to-medium density single nucleotide polymorphism genotypes is achievable in sheep <sup>1</sup> . <i>Journal of Animal Science</i> , 2019, 97, 1550-1567.	0.2	17
87	Genomic Regions Associated With Gestation Length Detected Using Whole-Genome Sequence Data Differ Between Dairy and Beef Cattle. <i>Frontiers in Genetics</i> , 2019, 10, 1068.	1.1	17
88	Low-density genotype panel for both parentage verification and discovery in a multi-breed sheep population. <i>Irish Journal of Agricultural and Food Research</i> , 2019, 58, 1-12.	0.2	8
89	A breeding index to rank beef bulls for use on dairy females to maximize profit. <i>Journal of Dairy Science</i> , 2019, 102, 10056-10072.	1.4	58
90	Genetic parameters for variability in the birth of persistently infected cattle following likely in utero exposure to bovine viral diarrhoea virus <sup>1</sup> . <i>Journal of Animal Science</i> , 2019, 97, 559-568.	0.2	2

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91	Genetic parameters for animal mortality in pasture-based, seasonal-calving dairy and beef herds. <i>Livestock Science</i> , 2019, 219, 10-16.	0.6	7
92	Infrared thermography as a tool to detect hoof lesions in sheep. <i>Translational Animal Science</i> , 2019, 3, 577-588.	0.4	24
93	Genetics of bull semen characteristics in a multi-breed cattle population. <i>Theriogenology</i> , 2019, 123, 202-208.	0.9	30
94	Genomic information in livestock has multiple uses in precision breeding and management. <i>Livestock</i> , 2019, 24, 30-33.	0.1	3
95	Prediction of 24-hour milk yield and composition in dairy cows from a single part-day yield and sample. <i>Irish Journal of Agricultural and Food Research</i> , 2019, 58, 66-70.	0.2	3
96	Risk factors associated with animal mortality in pasture-based, seasonal-calving dairy and beef herds1. <i>Journal of Animal Science</i> , 2018, 96, 35-55.	0.2	45
97	Genetic covariance components within and among linear type traits differ among contrasting beef cattle breeds. <i>Journal of Animal Science</i> , 2018, 96, 1628-1639.	0.2	22
98	Heritability estimates of meat sensory characteristics are a function of the number of panellists and their inter-correlations. <i>Meat Science</i> , 2018, 141, 91-93.	2.7	6
99	Genetic correlations between endo-parasite phenotypes and economically important traits in dairy and beef cattle1. <i>Journal of Animal Science</i> , 2018, 96, 407-421.	0.2	10
100	Meta-analysis of genome-wide association studies for cattle stature identifies common genes that regulate body size in mammals. <i>Nature Genetics</i> , 2018, 50, 362-367.	9.4	286
101	Genetic variability in the humoral immune response to bovine herpesvirus-1 infection in dairy cattle and genetic correlations with performance traits. <i>Journal of Dairy Science</i> , 2018, 101, 6190-6204.	1.4	12
102	A novel measure of ewe efficiency for breeding and benchmarking purposes1. <i>Journal of Animal Science</i> , 2018, 96, 2051-2059.	0.2	4
103	Milk mid-infrared spectral data as a tool to predict feed intake in lactating Norwegian Red dairy cows. <i>Journal of Dairy Science</i> , 2018, 101, 6232-6243.	1.4	31
104	Aneuploidy in dizygotic twin sheep detected using genome-wide single nucleotide polymorphism data from two commonly used commercial vendors. <i>Animal</i> , 2018, 12, 2462-2469.	1.3	6
105	Imputation of non-genotyped sheep from the genotypes of their mates and resulting progeny. <i>Animal</i> , 2018, 12, 191-198.	1.3	12
106	Characteristics of feed efficiency within and across lactation in dairy cows and the effect of genetic selection. <i>Journal of Dairy Science</i> , 2018, 101, 1267-1280.	1.4	31
107	Isolating the cow-specific part of residual energy intake in lactating dairy cows using random regressions. <i>Animal</i> , 2018, 12, 1396-1404.	1.3	29
108	Symposium review: Breeding a better cowâ€™”Will she be adaptable?. <i>Journal of Dairy Science</i> , 2018, 101, 3665-3685.	1.4	29



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109	Carcass characteristics of cattle differing in Jersey proportion. <i>Journal of Dairy Science</i> , 2018, 101, 11052-11060.	1.4	24
110	Review: New considerations to refine breeding objectives of dairy cows for increasing robustness and sustainability of grass-based milk production systems. <i>Animal</i> , 2018, 12, s350-s362.	1.3	23
111	Characterization of copy number variants in a large multibreed population of beef and dairy cattle using high-density single nucleotide polymorphism genotype data <sup>1</sup> . <i>Journal of Animal Science</i> , 2018, 96, 4112-4124.	0.2	22
112	Genetic selection for hoof health traits and cow mobility scores can accelerate the rate of genetic gain in producer-scored lameness in dairy cows. <i>Journal of Dairy Science</i> , 2018, 101, 10034-10047.	1.4	37
113	Characterization of best linear unbiased estimates generated from national genetic evaluations of reproductive performance, survival, and milk yield in dairy cows. <i>Journal of Dairy Science</i> , 2018, 101, 7625-7637.	1.4	13
114	Learning in the compressed data domain: Application to milk quality prediction. <i>Information Sciences</i> , 2018, 459, 149-167.	4.0	8
115	Investigation of the relationship between udder quarter somatic cell count and udder skin surface temperature of dairy cows measured by infrared thermography <sup>1</sup> . <i>Journal of Animal Science</i> , 2018, 96, 4458-4470.	0.2	5
116	Little genetic variability in resilience among cattle exists for a range of performance traits across herds in Ireland differing in <i>Fasciola hepatica</i> prevalence <sup>1</sup> . <i>Journal of Animal Science</i> , 2018, 96, 2099-2112.	0.2	5
117	The effect of non-steroidal anti-inflammatory drugs on severity of acute pancreatitis and pancreatic necrosis. <i>Annals of the Royal College of Surgeons of England</i> , 2018, 100, 199-202.	0.3	13
118	Short communication: Population structure of the South African Bonsmara beef breed using high density single nucleotide polymorphism genotypes. <i>Livestock Science</i> , 2017, 197, 102-105.	0.6	5
119	Factors associated with milk processing characteristics predicted by mid-infrared spectroscopy in a large database of dairy cows. <i>Journal of Dairy Science</i> , 2017, 100, 3293-3304.	1.4	22
120	Genetics of alternative definitions of feed efficiency in grazing lactating dairy cows. <i>Journal of Dairy Science</i> , 2017, 100, 5501-5514.	1.4	33
121	Review: Deciphering animal robustness. A synthesis to facilitate its use in livestock breeding and management. <i>Animal</i> , 2017, 11, 2237-2251.	1.3	128
122	Animal breeding strategies can improve meat quality attributes within entire populations. <i>Meat Science</i> , 2017, 132, 6-18.	2.7	36
123	Exploring a Possible Link between the Intestinal Microbiota and Feed Efficiency in Pigs. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	258
124	Ultra-low-density genotype panels for breed assignment of Angus and Hereford cattle. <i>Animal</i> , 2017, 11, 938-947.	1.3	19
125	Cow and environmental factors associated with protein fractions and free amino acids predicted using mid-infrared spectroscopy in bovine milk. <i>Journal of Dairy Science</i> , 2017, 100, 6272-6284.	1.4	9
126	Processing characteristics of dairy cow milk are moderately heritable. <i>Journal of Dairy Science</i> , 2017, 100, 6343-6355.	1.4	31



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127	Herd-specific random regression carcass profiles for beef cattle after adjustment for animal genetic merit. <i>Meat Science</i> , 2017, 129, 188-196.	2.7	3
128	Inference of population structure of purebred dairy and beef cattle using high-density genotype data. <i>Animal</i> , 2017, 11, 15-23.	1.3	26
129	Genetic parameters for lameness, mastitis and dagginess in a multi-breed sheep population. <i>Animal</i> , 2017, 11, 911-919.	1.3	19
130	Genetic and nongenetic factors associated with milk color in dairy cows. <i>Journal of Dairy Science</i> , 2017, 100, 7345-7361.	1.4	40
131	A 100-Year Review: A century of change in temperate grazing dairy systems. <i>Journal of Dairy Science</i> , 2017, 100, 10189-10233.	1.4	72
132	The effect of colostrum storage conditions on dairy heifer calf serum immunoglobulin G concentration and preweaning health and growth rate. <i>Journal of Dairy Science</i> , 2017, 100, 525-535.	1.4	32
133	Estimation of genetic (co)variances of Gompertz growth function parameters in pigs. <i>Journal of Animal Breeding and Genetics</i> , 2017, 134, 136-143.	0.8	15
134	Evaluation of Non-linearity in MIR Spectroscopic Data for Compressed Learning. , 2017, , .		2
135	Impact of birth and rearing type, as well as inaccuracy of recording, on pre-weaning lamb phenotypic and genetic merit for live weight <sup>1</sup> . <i>Translational Animal Science</i> , 2017, 1, 137-145.	0.4	12
136	Feed efficiency metrics in growing pigs <sup>1</sup> . <i>Journal of Animal Science</i> , 2017, 95, 3037-3046.	0.2	4
137	Impact of alternative definitions of contemporary groups on genetic evaluations of traits recorded at lambing <sup>1</sup> . <i>Journal of Animal Science</i> , 2017, 95, 1926-1938.	0.2	10
138	Temporal, spatial, inter-, and intra-cow repeatability of thermal imaging <sup>1</sup> . <i>Journal of Animal Science</i> , 2017, 95, 970-979.	0.2	18
139	The impact of multi-generational genotype imputation strategies on imputation accuracy and subsequent genomic predictions <sup>1</sup> . <i>Journal of Animal Science</i> , 2017, 95, 1489-1501.	0.2	3
140	Rapid Communication: Large exploitable genetic variability exists to shorten age at slaughter in cattle <sup>1</sup> . <i>Journal of Animal Science</i> , 2017, 95, 4526-4532.	0.2	15
141	Genetic co-variance functions for live weight, feed intake, and efficiency measures in growing pigs <sup>1</sup> . <i>Journal of Animal Science</i> , 2017, 95, 3822-3832.	0.2	0
142	Characterization of an X-chromosomal non-mosaic monosomy (59, X0) dairy heifer detected using routinely available single nucleotide polymorphism genotype data <sup>1</sup> . <i>Journal of Animal Science</i> , 2017, 95, 1042-1049.	0.2	22
143	The distribution of runs of homozygosity and selection signatures in six commercial meat sheep breeds. <i>PLoS ONE</i> , 2017, 12, e0176780.	1.1	272
144	Temporal, spatial, inter-, and intra-cow repeatability of thermal imaging. <i>Journal of Animal Science</i> , 2017, 95, 970.	0.2	13

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145	The impact of multi-generational genotype imputation strategies on imputation accuracy and subsequent genomic predictions. <i>Journal of Animal Science</i> , 2017, 95, 1489.	0.2	3
146	Impact of alternative definitions of contemporary groups on genetic evaluations of traits recorded at lambing. <i>Journal of Animal Science</i> , 2017, 95, 1926.	0.2	5
147	Characterization of an X-chromosomal non-mosaic monosomy (59, X0) dairy heifer detected using routinely available single nucleotide polymorphism genotype data. <i>Journal of Animal Science</i> , 2017, 95, 1042.	0.2	8
148	Feed efficiency metrics in growing pigs. <i>Journal of Animal Science</i> , 2017, 95, 3037.	0.2	2
149	S0116 Genomic evaluations in dairy cattle, beef cattle, and sheep in Ireland. <i>Journal of Animal Science</i> , 2016, 94, 8-9.	0.2	2
150	Development and implementation of genomic predictions in beef cattle. <i>Animal Frontiers</i> , 2016, 6, 32-38.	0.8	51
151	P4050 Inference of population structure of purebred dairy and beef cattle using high density genotype data. <i>Journal of Animal Science</i> , 2016, 94, 103-103.	0.2	0
152	P5029 The use of Bayesian methods, biological priors and sequence variants to identify genomic regions associated with dairy cow fertility. <i>Journal of Animal Science</i> , 2016, 94, 129-130.	0.2	0
153	Justification for setting the individual animal genotype call rate threshold at eighty-five percent <sup>1</sup> . <i>Journal of Animal Science</i> , 2016, 94, 4558-4569.	0.2	22
154	P6025 Network-based integration of gene expression and genome-wide association data to prioritize genomic variants associated with susceptibility/resistance to bovine tuberculosis. <i>Journal of Animal Science</i> , 2016, 94, 160-161.	0.2	0
155	Genetic analysis of carcass traits in beef cattle using random regression models <sup>1</sup> . <i>Journal of Animal Science</i> , 2016, 94, 1354-1364.	0.2	53
156	Evaluation of developed low-density genotype panels for imputation to higher density in independent dairy and beef cattle populations <sup>1</sup> . <i>Journal of Animal Science</i> , 2016, 94, 949-962.	0.2	18
157	Genetic differences based on a beef terminal index are reflected in future phenotypic performance differences in commercial beef cattle. <i>Animal</i> , 2016, 10, 736-745.	1.3	35
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160	Risk factors associated with lambing traits. <i>Animal</i> , 2016, 10, 89-95.	1.3	26
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165	A genome-wide association study for genetic susceptibility to <i>Mycobacterium bovis</i> infection in dairy cattle identifies a susceptibility QTL on chromosome 23. <i>Genetics Selection Evolution</i> , 2016, 48, 19.	1.2	53
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170	Prediction of individual milk proteins including free amino acids in bovine milk using mid-infrared spectroscopy and their correlations with milk processing characteristics. <i>Journal of Dairy Science</i> , 2016, 99, 3171-3182.	1.4	91
171	Genetic relationships between detailed reproductive traits and performance traits in Holstein-Friesian dairy cattle. <i>Journal of Dairy Science</i> , 2016, 99, 1286-1297.	1.4	34
172	Additive genetic, non-additive genetic and permanent environmental effects for female reproductive performance in seasonal calving dairy females. <i>Irish Journal of Agricultural and Food Research</i> , 2016, 55, 10-23.	0.2	7
173	Genetic parameters for milk mineral content and acidity predicted by mid-infrared spectroscopy in Holstein-Friesian cows. <i>Animal</i> , 2015, 9, 775-780.	1.3	19
174	Genome-wide association study for calving performance using high-density genotypes in dairy and beef cattle. <i>Genetics Selection Evolution</i> , 2015, 47, 47.	1.2	63
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177	Genetic parameters of dairy cow energy intake and body energy status predicted using mid-infrared spectrometry of milk. <i>Journal of Dairy Science</i> , 2015, 98, 1310-1320.	1.4	33
178	Detection of selection signatures in dairy and beef cattle using high-density genomic information. <i>Genetics Selection Evolution</i> , 2015, 47, 49.	1.2	201
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180	Prediction of bovine milk technological traits from mid-infrared spectroscopy analysis in dairy cows. <i>Journal of Dairy Science</i> , 2015, 98, 6620-6629.	1.4	58

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184	Genetic parameters of ovarian and uterine reproductive traits in dairy cows. <i>Journal of Dairy Science</i> , 2015, 98, 4095-4106.	1.4	19
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202	Genetics of reproductive performance in seasonal calving beef cows and its association with performance traits. <i>Journal of Animal Science</i> , 2014, 92, 1412-1422.	0.2	87
203	Within- and across-breed imputation of high-density genotypes in dairy and beef cattle from medium- and low-density genotypes. <i>Journal of Animal Breeding and Genetics</i> , 2014, 131, 165-172.	0.8	36
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205	Towards an improved estimation of the biological components of residual feed intake in growing cattle. <i>Journal of Animal Science</i> , 2014, 92, 467-476.	0.2	34
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219	A review of genomic selection - Implications for the South African beef and dairy cattle industries. <i>South African Journal of Animal Sciences</i> , 2013, 43, .	0.2	12
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221	Genetics of milking characteristics in dairy cows. <i>Animal</i> , 2013, 7, 1750-1758.	1.3	13
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223	Breeding strategies to reduce environmental footprint in dairy cattle. <i>Advances in Animal Biosciences</i> , 2013, 4, 28-36.	1.0	7
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228	Genome-wide associations for fertility traits in Holstein...Friesian dairy cows using data from experimental research herds in four European countries. <i>Animal</i> , 2012, 6, 1206-1215.	1.3	42
229	Industrial perspective: capturing the benefits of genomics to Irish cattle breeding. <i>Animal Production Science</i> , 2012, 52, 172.	0.6	11
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231	Relationship between dairy cow genetic merit and profit on commercial spring calving dairy farms. <i>Animal</i> , 2012, 6, 1031-1039.	1.3	44
232	Mid-infrared prediction of lactoferrin content in bovine milk: potential indicator of mastitis. <i>Animal</i> , 2012, 6, 1830-1838.	1.3	54
233	Genetic relationships between carcass cut weights predicted from video image analysis and other performance traits in cattle. <i>Animal</i> , 2012, 6, 1389-1397.	1.3	37
234	Genome-wide associations for feed utilisation complex in primiparous Holstein...Friesian dairy cows from experimental research herds in four European countries. <i>Animal</i> , 2012, 6, 1738-1749.	1.3	40

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236	Genetic merit for fertility traits in Holstein cows: I. Production characteristics and reproductive efficiency in a pasture-based system. <i>Journal of Dairy Science</i> , 2012, 95, 1310-1322.	1.4	74
237	Genome-wide associations for milk production and somatic cell score in Holstein-Friesian cattle in Ireland. <i>BMC Genetics</i> , 2012, 13, 21.	2.7	138
238	Runs of homozygosity and population history in cattle. <i>BMC Genetics</i> , 2012, 13, 70.	2.7	409
239	Genetic correlations of days open with production traits and contents in milk of major fatty acids predicted by mid-infrared spectrometry. <i>Journal of Dairy Science</i> , 2012, 95, 6113-6121.	1.4	32
240	Validation of mid-infrared spectrometry in milk for predicting body energy status in Holstein-Friesian cows. <i>Journal of Dairy Science</i> , 2012, 95, 7225-7235.	1.4	41
241	A Genome Wide Association Scan of Bovine Tuberculosis Susceptibility in Holstein-Friesian Dairy Cattle. <i>PLoS ONE</i> , 2012, 7, e30545.	1.1	66
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243	Single nucleotide polymorphisms in the imprinted bovine <i>insulin-like growth factor 2 receptor</i> gene ( <i>IGF2R</i> ) are associated with body size traits in Irish Holstein-Friesian cattle. <i>Animal Genetics</i> , 2012, 43, 81-87.	0.6	19
244	Genetic and non-genetic factors associated with milking order in lactating dairy cows. <i>Applied Animal Behaviour Science</i> , 2012, 136, 15-19.	0.8	31
245	Animal muscularity and size are genetically correlated with animal live-weight and price. <i>Livestock Science</i> , 2012, 144, 11-19.	0.6	12
246	Polymorphism discovery and allele frequency estimation using high-throughput DNA sequencing of target-enriched pooled DNA samples. <i>BMC Genomics</i> , 2012, 13, 16.	1.2	18
247	Single Nucleotide Polymorphisms in the Insulin-Like Growth Factor 1 (IGF-1) Gene are Associated with Performance in Holstein-Friesian Dairy Cattle. <i>Frontiers in Genetics</i> , 2011, 2, 3.	1.1	50
248	Mid-infrared prediction of bovine milk fatty acids across multiple breeds, production systems, and countries. <i>Journal of Dairy Science</i> , 2011, 94, 1657-1667.	1.4	216
249	DNA sequence polymorphisms within the bovine guanine nucleotide-binding protein Gs subunit alpha ( <i>Gs1±</i> )-encoding ( <i>GNAS</i> ) genomic imprinting domain are associated with performance traits. <i>BMC Genetics</i> , 2011, 12, 4.	2.7	32
250	Evaluation of bull fertility in dairy and beef cattle using cow field data. <i>Theriogenology</i> , 2011, 75, 172-181.	0.9	63
251	Evidence of genetic and maternal effects on secondary sex ratio in cattle. <i>Theriogenology</i> , 2011, 75, 1039-1044.	0.9	22
252	The use of mid-infrared spectrometry to predict body energy status of Holstein cows. <i>Journal of Dairy Science</i> , 2011, 94, 3651-3661.	1.4	82



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254	Erratum to "Associations between novel single nucleotide polymorphisms in the <i>Bos taurus</i> growth hormone gene and performance traits in Holstein-Friesian dairy cattle" ( <i>J. Dairy Sci.</i> 93:5959-5969). <i>Journal of Dairy Science</i> , 2011, 94, 1069.	1.4	0
255	Genetic parameters for cattle price and body weight from routinely collected data at livestock auctions and commercial farms. <i>Journal of Animal Science</i> , 2011, 89, 29-39.	0.2	48
256	Effects of genetic merit for carcass weight, breed type and slaughter weight on performance and carcass traits of beef dairy steers. <i>Animal</i> , 2011, 5, 182-194.	1.3	8
257	Associations between herd size, rate of expansion and production, breeding policy and reproduction in spring-calving dairy herds. <i>Animal</i> , 2011, 5, 1626-1633.	1.3	22
258	Nutritional intervention during gestation alters growth, body composition and gene expression patterns in skeletal muscle of pig offspring. <i>Animal</i> , 2011, 5, 1195-1206.	1.3	23
259	Imputation of genotypes from low- to high-density genotyping platforms and implications for genomic selection. <i>Animal</i> , 2011, 5, 1162-1169.	1.3	59
260	Associations between newly discovered polymorphisms in the <i>Bos taurus</i> growth hormone receptor gene and performance traits in Holstein-Friesian dairy cattle. <i>Animal Genetics</i> , 2011, 42, 39-49.	0.6	49
261	Risk factors for calving assistance and dystocia in pasture-based Holstein-Friesian heifers and cows in Ireland. <i>Veterinary Journal</i> , 2011, 187, 189-194.	0.6	95
262	Use of digital images to predict carcass cut yields in cattle. <i>Livestock Science</i> , 2011, 137, 130-140.	0.6	58
263	Genetics of animal health and disease in cattle. <i>Irish Veterinary Journal</i> , 2011, 64, 5.	0.8	103
264	The integration of "omic" disciplines and systems biology in cattle breeding. <i>Animal</i> , 2011, 5, 493-505.	1.3	21
265	Evidence for genetic variance in resistance to tuberculosis in Great Britain and Irish Holstein-Friesian populations. <i>BMC Proceedings</i> , 2011, 5, S15.	1.8	8
266	Single nucleotide polymorphisms at the imprinted bovine insulin-like growth factor 2 ( <i>IGF2</i> ) locus are associated with dairy performance in Irish Holstein-Friesian cattle. <i>Journal of Dairy Research</i> , 2011, 78, 1-8.	0.7	41
267	Single Nucleotide Polymorphisms within the Bovine DLK1-DIO3 Imprinted Domain Are Associated with Economically Important Production Traits in Cattle. <i>Journal of Heredity</i> , 2011, 102, 94-101.	1.0	29
268	Genetic variation in wholesale carcass cuts predicted from digital images in cattle. <i>Animal</i> , 2011, 5, 1720-1727.	1.3	30
269	Genetic relationships between feed efficiency in growing males and beef cow performance. <i>Journal of Animal Science</i> , 2011, 89, 3372-3381.	0.2	47
270	Genetic associations between feed efficiency measured in a performance test station and performance of growing cattle in commercial beef herds. <i>Journal of Animal Science</i> , 2011, 89, 3382-3393.	0.2	42

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273	Predicting beef carcass meat, fat and bone proportions from carcass conformation and fat scores or hindquarter dissection. <i>Animal</i> , 2010, 4, 234-241.	1.3	40
274	A catalogue of validated single nucleotide polymorphisms in bovine orthologs of mammalian imprinted genes and associations with beef production traits. <i>Animal</i> , 2010, 4, 1958-1970.	1.3	15
275	Inherent capacity of the pituitary gland to produce gonadotropins is not influenced by the number of ovarian follicles $\geq 3$ mm in diameter in cattle. <i>Reproduction, Fertility and Development</i> , 2010, 22, 550.	0.1	35
276	Combined percutaneous endoscopic stenting of malignant biliary obstruction: results from 106 consecutive procedures and identification of factors associated with adverse outcome. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2010, 24, 423-431.	1.3	28
277	Association of bovine leptin polymorphisms with energy output and energy storage traits in progeny tested Holstein-Friesian dairy cattle sires. <i>BMC Genetics</i> , 2010, 11, 73.	2.7	41
278	DNA sequence polymorphisms in a panel of eight candidate bovine imprinted genes and their association with performance traits in Irish Holstein-Friesian cattle. <i>BMC Genetics</i> , 2010, 11, 93.	2.7	49
279	Polymorphisms in bovine immune genes and their associations with somatic cell count and milk production in dairy cattle. <i>BMC Genetics</i> , 2010, 11, 99.	2.7	68
280	Justifying the expense of the cancer Clinical Nurse Specialist. <i>European Journal of Cancer Care</i> , 2010, 19, 72-79.	0.7	12
281	Phenotypic and genetic parameters for different measures of feed efficiency in different breeds of Irish performance-tested beef bulls. <i>Journal of Animal Science</i> , 2010, 88, 885-894.	0.2	184
282	Genetic variation in serological response to <i>Mycobacterium avium</i> subspecies paratuberculosis and its association with performance in Irish Holstein-Friesian dairy cows. <i>Livestock Science</i> , 2010, 131, 102-107.	0.6	23
283	Increasing milk solids production across lactation through genetic selection and intensive pasture-based feed system. <i>Journal of Dairy Science</i> , 2010, 93, 4302-4317.	1.4	32
284	Dry matter intake and feed efficiency profiles of 3 genotypes of Holstein-Friesian within pasture-based systems of milk production. <i>Journal of Dairy Science</i> , 2010, 93, 4318-4331.	1.4	63
285	Polymorphisms in the bovine lactoferrin promoter are associated with reproductive performance and somatic cell count. <i>Journal of Dairy Science</i> , 2010, 93, 1253-1259.	1.4	17
286	Genetic correlations between measures of <i>Mycobacterium bovis</i> infection and economically important traits in Irish Holstein-Friesian dairy cows. <i>Journal of Dairy Science</i> , 2010, 93, 5413-5422.	1.4	18
287	Associations between novel single nucleotide polymorphisms in the <i>Bos taurus</i> growth hormone gene and performance traits in Holstein-Friesian dairy cattle. <i>Journal of Dairy Science</i> , 2010, 93, 5959-5969.	1.4	31
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290	Intake, growth and carcass traits in male progeny of sires differing in genetic merit for beef production. <i>Animal</i> , 2009, 3, 791-801.	1.3	33
291	Purging of inbreeding depression within the Irish Holstein-Friesian population. <i>Genetics Selection Evolution</i> , 2009, 41, 16.	1.2	56
292	Evaluation of the prognostic value of systemic inflammation and socioeconomic deprivation in patients with resectable colorectal liver metastases. <i>European Journal of Cancer</i> , 2009, 45, 56-64.	1.3	54
293	Associations between age at first calving and subsequent performance in Irish spring calving Holstein-Friesian dairy cows. <i>Livestock Science</i> , 2009, 123, 44-54.	0.6	51
294	Intake, live animal scores/measurements and carcass composition and value of late-maturing beef and dairy breeds. <i>Livestock Science</i> , 2009, 126, 57-68.	0.6	39
295	Evaluation of estimated genetic merit for carcass weight in beef cattle: Blood metabolites, carcass measurements, carcass composition and selected non-carcass components. <i>Livestock Science</i> , 2009, 126, 100-111.	0.6	18
296	Evaluation of estimated genetic merit for carcass weight in beef cattle: Live weights, feed intake, body measurements, skeletal and muscular scores, and carcass characteristics. <i>Livestock Science</i> , 2009, 126, 87-99.	0.6	39
297	Administration of a live culture of <i>Lactococcus lactis</i> DPC 3147 into the bovine mammary gland stimulates the local host immune response, particularly $IL-1^2$ and $IL-8$ gene expression. <i>Journal of Dairy Research</i> , 2009, 76, 340-348.	0.7	64
298	Genetics of tuberculosis in Irish Holstein-Friesian dairy herds. <i>Journal of Dairy Science</i> , 2009, 92, 3447-3456.	1.4	71
299	The influence of genetic selection and feed system on the reproductive performance of spring-calving dairy cows within future pasture-based production systems. <i>Journal of Dairy Science</i> , 2009, 92, 5258-5269.	1.4	47
300	Invited review: Body condition score and its association with dairy cow productivity, health, and welfare. <i>Journal of Dairy Science</i> , 2009, 92, 5769-5801.	1.4	810
301	An Open Randomized Comparison of Clinical Effectiveness of Protocol-Driven Opioid Analgesia, Celiac Plexus Block or Thoracoscopic Splanchnicectomy for Pain Management in Patients with Pancreatic and Other Abdominal Malignancies. <i>Pancreatology</i> , 2009, 9, 755-763.	0.5	52
302	Weather, herbage quality and milk production in pastoral systems. 2. Temporal patterns and intra-relationships in herbage quality and mineral concentration parameters. <i>Animal Production Science</i> , 2009, 49, 200.	0.6	47
303	Farm management factors associated with bulk tank total bacterial count in Irish dairy herds during 2006/07. <i>Irish Veterinary Journal</i> , 2009, 62, 36-42.	0.8	26
304	Weather, herbage quality and milk production in pastoral systems. 4. Effects on dairy cattle production. <i>Animal Production Science</i> , 2009, 49, 222.	0.6	21
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