

Peter C. Thomson

List of Publications by Year in Descending Order

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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.

247
papers

4,973
citations

33
h-index

58
g-index

263
ext. papers

6,103
ext. citations

3.2
avg, IF

5.72
L-index

#	Paper	IF	Citations
247	Estimating heritability using family-pooled phenotypic and genotypic data: a simulation study applied to aquaculture.. <i>Heredity</i> , 2022 ,	3.6	2
246	Effect of. <i>Animal Production Science</i> , 2022 , 62, 743-750	1.4	0
245	The effect of extended refrigerated storage on the physicochemical, structural, and microbial quality of sous vide cooked biceps femoris treated with ginger powder (zingibain).. <i>Meat Science</i> , 2021 , 186, 108729	6.4	1
244	Automated Monitoring of Cattle Heat Stress and Its Mitigation. <i>Frontiers in Animal Science</i> , 2021 , 2,		3
243	Occurrence of fumonisin-producing black aspergilli in Australian wine grapes: effects of temperature and water activity on fumonisin production by <i>A. niger</i> and <i>A. welwitschiae</i> . <i>Mycotoxin Research</i> , 2021 , 37, 327-339	4	2
242	Revealing the diversity in cattle behavioural response to high environmental heat using accelerometer-based ear tag sensors. <i>Computers and Electronics in Agriculture</i> , 2021 , 191, 106511	6.5	2
241	Efficacy and application of a novel topical anaesthetic wound formulation for treating cattle with Foot-and-Mouth disease: A field trial in Cameroon. <i>Transboundary and Emerging Diseases</i> , 2021 , 68, 2531-2542	4.2	3
240	Effect of sous vide cooking and ageing on tenderness and water-holding capacity of low-value beef muscles from young and older animals. <i>Meat Science</i> , 2021 , 175, 108435	6.4	14
239	The non-human glycan, N-glycolylneuraminic acid (Neu5Gc), is not expressed in all organs and skeletal muscles of nine animal species. <i>Food Chemistry</i> , 2021 , 343, 128439	8.5	8
238	Improved Milk Production from Supplementation of Swamp Buffalo with Molasses Nutrient Blocks Containing 10% Urea. <i>Dairy</i> , 2021 , 2, 90-103	2.6	3
237	Mesophyll conductance in two cultivars of wheat grown in glacial to super-elevated CO2 concentrations. <i>Journal of Experimental Botany</i> , 2021 , 72, 7191-7202	7	1
236	Short-term liveweight changes of dairy cows measured by stationary and walk-over weighing scales. <i>Journal of Dairy Science</i> , 2021 , 104, 8202-8213	4	
235	Sensory and Physical Characteristics of from Older Cows Using Ginger Powder (Zingibain) and Sous Vide Cooking. <i>Foods</i> , 2021 , 10,	4.9	3
234	Impact of genotypic errors with equal and unequal family contribution on accuracy of genomic prediction in aquaculture using simulation. <i>Scientific Reports</i> , 2021 , 11, 18318	4.9	
233	Are infectious reproductive pathogens of large ruminants a threat to improving food security? An investigation from Cambodia. <i>Tropical Animal Health and Production</i> , 2021 , 53, 480	1.7	0
232	Improving tenderness and quality of M. biceps femoris from older cows through concentrate feeding, zingibain protease and sous vide cooking. <i>Meat Science</i> , 2021 , 180, 108563	6.4	6
231	SNP discovery and population structure analysis in Lassi and Marecha camel breeds using a genotyping by sequencing method. <i>Animal Genetics</i> , 2020 , 51, 620-623	2.5	0

230	Genetic parameters of Gill-associated virus infection and body weight under commercial conditions in black tiger shrimp, <i>Penaeus monodon</i> . <i>Aquaculture</i> , 2020 , 528, 735580	4.4	3
229	Analysis of variation in growth and spline-based growth models for Marecha and Lassi dromedary camels. <i>Tropical Animal Health and Production</i> , 2020 , 52, 2309-2317	1.7	
228	Determinants of diarrhoeal diseases and height-for-age -scores in children under five years of age in rural central Tanzania. <i>Journal of Preventive Medicine and Hygiene</i> , 2020 , 61, E409-E423	1.4	
227	Efficacy of two adjuvant systems to promote humoral immunity to the pre-proghrelin peptide obestatin in pigs: consequences for the growth of piglets to weaning. <i>Animal Production Science</i> , 2020 , 60, 356	1.4	1
226	Prediction of quarter level subclinical mastitis by combining in-line and on-animal sensor data. <i>Animal Production Science</i> , 2020 , 60, 180	1.4	3
225	Can fenbendazole-medicated molasses blocks control <i>Toxocara vitulorum</i> in smallholder cattle and buffalo calves in developing countries? Studies from upland Lao PDR. <i>Animal Production Science</i> , 2020 , 60, 2031	1.4	2
224	Transitioning from conventional to automatic milking: Effects on the human-animal relationship. <i>Journal of Dairy Science</i> , 2020 , 103, 1608-1619	4	10
223	A genome-wide scan for candidate lethal variants in Thoroughbred horses. <i>Scientific Reports</i> , 2020 , 10, 13153	4.9	2
222	Whole transcriptome analysis of bovine mammary progenitor cells by P-Cadherin enrichment as a marker in the mammary cell hierarchy. <i>Scientific Reports</i> , 2020 , 10, 14183	4.9	1
221	Meta-analysis of genetic parameters of production traits in cultured shrimp species. <i>Fish and Fisheries</i> , 2020 , 21, 1150-1174	6	1
220	Genetic parameters for tolerance to gill-associated virus under challenge-test conditions in the black tiger shrimp (<i>Penaeus monodon</i>). <i>Aquaculture</i> , 2020 , 516, 734428	4.4	6
219	The effects of inbreeding on covering success, gestation length and foal sex ratio in Australian thoroughbred horses. <i>BMC Genetics</i> , 2020 , 21, 41	2.6	8
218	Comparison Between Expression Microarrays and RNA-Sequencing Using UKBEC Dataset Identified a -eQTL Associated with Gene in Substantia Nigra 2020 , 1, 100001		
217	The intake pattern and feed preference of layer hens selected for high or low feed conversion ratio. <i>PLoS ONE</i> , 2019 , 14, e0222304	3.7	5
216	A pilot study to understand tooth replacement in near-harvest farmed saltwater crocodiles (<i>Crocodylus porosus</i>): Implications for blemish induction. <i>Aquaculture</i> , 2019 , 504, 102-106	4.4	2
215	Potential risk factors of ovarian cancer and analysis of CA125, a biomarker used for its monitoring and diagnosis. <i>Molecular Biology Reports</i> , 2019 , 46, 3325-3332	2.8	4
214	Reaction norm analysis of pig growth using environmental descriptors based on alternative traits. <i>Journal of Animal Breeding and Genetics</i> , 2019 , 136, 153-167	2.9	3
213	Quantifying the health challenges in an Australian piggery using medication records for the definition of disease resilience ¹ . <i>Journal of Animal Science</i> , 2019 , 97, 1076-1089	0.7	3

212	Bovine brucellosis in Pakistan; an analysis of engagement with risk factors in smallholder farmer settings. <i>Veterinary Medicine and Science</i> , 2019 , 5, 390-401	2.1	7
211	Risk factors for <i>Neospora caninum</i> , bovine viral diarrhoea virus, and <i>Leptospira interrogans</i> serovar Hardjo infection in smallholder cattle and buffalo in Lao PDR. <i>PLoS ONE</i> , 2019 , 14, e0220335	3.7	13
210	Suitability of somatic cell count, electrical conductivity, and lactate dehydrogenase activity in foremilk before versus after alveolar milk ejection for mastitis detection. <i>Journal of Dairy Science</i> , 2019 , 102, 9200-9212	4	12
209	Novel SNPs in the SPAG11 gene and association with testicular biometric variables in Boer goats and application of the levelled-container technique. <i>Animal Reproduction Science</i> , 2019 , 208, 106113	2.1	1
208	A RETROSPECTIVE STUDY OF REPORTED DISORDERS OF THE ORAL CAVITY IN LARGE FELIDS IN AUSTRALIAN ZOOS. <i>Journal of Zoo and Wildlife Medicine</i> , 2019 , 50, 16-22	0.9	4
207	Differences in Steap3 expression are a mechanism of genetic variation of RBC storage and oxidative damage in mice. <i>Blood Advances</i> , 2019 , 3, 2272-2285	7.8	29
206	Genome-wide human brain eQTLs: In-depth analysis and insights using the UKBEC dataset. <i>Scientific Reports</i> , 2019 , 9, 19201	4.9	6
205	Epidemiology, clinical management, and outcomes of dogs involved in road traffic accidents in the United Kingdom (2009-2014). <i>Journal of Veterinary Emergency and Critical Care</i> , 2018 , 28, 140-148	1.7	10
204	Short communication: The effect of temperature-humidity index on milk yield and milking frequency of dairy cows in pasture-based automatic milking systems. <i>Journal of Dairy Science</i> , 2018 , 101, 4479-4482	4	13
203	Associations between bone and energy metabolism in cows fed diets differing in level of dietary cation-anion difference and supplemented with cholecalciferol or calcidiol. <i>Journal of Dairy Science</i> , 2018 , 101, 6581-6601	4	6
202	Founder-specific inbreeding depression affects racing performance in Thoroughbred horses. <i>Scientific Reports</i> , 2018 , 8, 6167	4.9	29
201	The effect of temperate or tropical pasture grazing state and grain-based concentrate allocation on dairy cattle production and behavior. <i>Journal of Dairy Science</i> , 2018 , 101, 5454-5465	4	7
200	Evaluation of three serological tests for diagnosis of bovine brucellosis in smallholder farms in Pakistan by estimating sensitivity and specificity using Bayesian latent class analysis. <i>Preventive Veterinary Medicine</i> , 2018 , 149, 21-28	3.1	13
199	The impact of fetching at night on milking parlour visitation for pasture-based dairy cattle. <i>Applied Animal Behaviour Science</i> , 2018 , 201, 25-30	2.2	5
198	Characterising infant and young child feeding practices and the consumption of poultry products in rural Tanzania: A mixed methods approach. <i>Maternal and Child Nutrition</i> , 2018 , 14, e12550	3.4	13
197	Investigation of infectious reproductive pathogens of large ruminants: Are neosporosis, brucellosis, leptospirosis and BVDV of relevance in Lao PDR?. <i>Acta Tropica</i> , 2018 , 177, 118-126	3.2	8
196	Development of a new clinical mastitis detection method for automatic milking systems. <i>Journal of Dairy Science</i> , 2018 , 101, 9385-9395	4	24
195	Emergence of highly prevalent CA-MRSA ST93 as an occupational risk in people working on a pig farm in Australia. <i>PLoS ONE</i> , 2018 , 13, e0195510	3.7	12

194	Effects of Topical Anaesthetic and Buccal Meloxicam Treatments on Concurrent Castration and Dehorning of Beef Calves. <i>Animals</i> , 2018 , 8,	3.1	12
193	Using the Five Domains Model to Assess the Adverse Impacts of Husbandry, Veterinary, and Equitation Interventions on Horse Welfare. <i>Animals</i> , 2018 , 8,	3.1	30
192	Quantification of plasma corticosterone in juvenile farmed saltwater crocodiles (<i>Crocodylus porosus</i>) using current Australian Code of Practice guidelines. <i>General and Comparative Endocrinology</i> , 2018 , 269, 96-101	3	2
191	Using an owner-based questionnaire to phenotype dogs with separation-related distress: Do owners know what their dogs do when they are absent?. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2018 , 23, 58-65	1.9	13
190	Premie race participation is associated with increased career longevity and prize money earnings in Norwegian-Swedish Coldblooded Trotters. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 2018 , 68, 112-116	0.6	
189	Does Village Chicken-Keepering Contribute to Young Children's Diets and Growth? A Longitudinal Observational Study in Rural Tanzania. <i>Nutrients</i> , 2018 , 10,	6.7	8
188	Risk factors of separation-related behaviours in Australian retrievers. <i>Applied Animal Behaviour Science</i> , 2018 , 209, 71-77	2.2	7
187	The impact of a shaded pre-milking yard on a pasture-based automatic milking system. <i>Animal Production Science</i> , 2017 , 57, 1219	1.4	3
186	Evaluation of the effect of a highly soluble calcium source in broiler diets supplemented with phytase on performance, nutrient digestibility, foot ash, mobility and leg weakness. <i>Animal Production Science</i> , 2017 , 57, 2016	1.4	11
185	Early detection of clinical mastitis from electrical conductivity data in an automatic milking system. <i>Animal Production Science</i> , 2017 , 57, 1226	1.4	21
184	Retrospective study on the occurrence of canine lymphoma and associated breed risks in a population of dogs in NSW (2001-2009). <i>Australian Veterinary Journal</i> , 2017 , 95, 149-155	1.2	11
183	A novel multiplex PCR assay for simultaneous detection of nine clinically significant bacterial pathogens associated with bovine mastitis. <i>Molecular and Cellular Probes</i> , 2017 , 33, 57-64	3.3	15
182	Dairy cattle industry and genetic improvement programs in Thailand. <i>Animal Production Science</i> , 2017 , 57, 1242	1.4	0
181	VetCompass Australia: A National Big Data Collection System for Veterinary Science. <i>Animals</i> , 2017 , 7,	3.1	29
180	Characterization and genome-wide association mapping of resistance to leaf rust, stem rust and stripe rust in a geographically diverse collection of spring wheat landraces. <i>Molecular Breeding</i> , 2017 , 37, 1	3.4	22
179	Gastric dilation-volvulus in dogs attending UK emergency-care veterinary practices: prevalence, risk factors and survival. <i>Journal of Small Animal Practice</i> , 2017 , 58, 629-638	1.6	13
178	Demographics, farm and reproductive management strategies used in Australian automatic milking systems compared with regionally proximal conventional milking systems. <i>Australian Veterinary Journal</i> , 2017 , 95, 325-332	1.2	3
177	Contemporary group estimates adjusted for climatic effects provide a finer definition of the unknown environmental challenges experienced by growing pigs. <i>Journal of Animal Breeding and Genetics</i> , 2017 , 134, 520-530	2.9	3

176	Improving smallholder cattle reproductive efficiency in Cambodia to address expanding regional beef demand. <i>Tropical Animal Health and Production</i> , 2017 , 49, 163-172	1.7	11
175	Knowledge, attitudes and practices (KAP) relating to brucellosis in smallholder dairy farmers in two provinces in Pakistan. <i>PLoS ONE</i> , 2017 , 12, e0173365	3.7	33
174	The chicken or the egg? Exploring bi-directional associations between Newcastle disease vaccination and village chicken flock size in rural Tanzania. <i>PLoS ONE</i> , 2017 , 12, e0188230	3.7	16
173	Seasonal effects can be separated from other challenges in the pig environment using time series analysis. <i>Animal Production Science</i> , 2017 , 57, 2463	1.4	1
172	Use of diagnostic reports to estimate prevalence and distribution of skeletal lesions in young Thoroughbreds. <i>Veterinary Journal</i> , 2016 , 214, 72-6	2.5	4
171	Evaluating candidate genes <i>oprm1</i> , <i>drd2</i> , <i>avpr1a</i> , and <i>oxtr</i> in golden retrievers with separation-related behaviors. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2016 , 16, 22-27	1.9	13
170	Association of polymorphisms in leptin and leptin receptor genes with circulating leptin concentrations, production and efficiency traits in sheep. <i>Small Ruminant Research</i> , 2016 , 136, 78-86	1.7	6
169	Unexpected lower testosterone in faster growing farmed saltwater crocodile (<i>Crocodylus porosus</i>) hatchlings. <i>General and Comparative Endocrinology</i> , 2016 , 226, 1-4	3	3
168	A Meta-Assembly of Selection Signatures in Cattle. <i>PLoS ONE</i> , 2016 , 11, e0153013	3.7	46
167	Epidemiology of hyperadrenocorticism among 210,824 dogs attending primary-care veterinary practices in the UK from 2009 to 2014. <i>Journal of Small Animal Practice</i> , 2016 , 57, 365-73	1.6	51
166	Canine atopic dermatitis: breed risk in Australia and evidence for a susceptible clade. <i>Veterinary Dermatology</i> , 2016 , 27, 167-e42	1.8	9
165	Dogs attending primary-care practice in England with clinical signs suggestive of Chiari-like malformation/syringomyelia. <i>Veterinary Record</i> , 2016 , 179, 436	0.9	9
164	Manifestation of neuronal ceroid lipofuscinosis in Australian Merino sheep: observations on altered behaviour and growth. <i>Applied Animal Behaviour Science</i> , 2016 , 175, 32-40	2.2	7
163	The association between plumage damage and feather-eating in free-range laying hens. <i>Animal</i> , 2016 , 10, 854-62	3.1	2
162	Comparative performance of broiler chickens offered ten equivalent diets based on three grain sorghum varieties as determined by response surface mixture design. <i>Animal Feed Science and Technology</i> , 2016 , 218, 70-83	3	18
161	Carcass traits and saleable meat yield of alpacas (<i>Vicugna pacos</i>) in Australia. <i>Meat Science</i> , 2015 , 107, 1-11	6.4	25
160	Gram-negative bacteraemia in haemodialysis. <i>Nephrology Dialysis Transplantation</i> , 2015 , 30, 1202-8	4.3	20
159	The effects of environmental enrichment and beak-trimming during the rearing period on subsequent feather damage due to feather-pecking in laying hens. <i>Poultry Science</i> , 2015 , 94, 852-9	3.9	37

158	Prevalence of and risk factors for degenerative mitral valve disease in dogs attending primary-care veterinary practices in England. <i>Journal of Veterinary Internal Medicine</i> , 2015 , 29, 847-54	3.1	43
157	Additive and epistatic genome-wide association for growth and ultrasound scan measures of carcass-related traits in Brahman cattle. <i>Journal of Animal Breeding and Genetics</i> , 2015 , 132, 187-97	2.9	8
156	Prevalence and risk factors for mast cell tumours in dogs in England. <i>Canine Genetics and Epidemiology</i> , 2015 , 2, 1	2.8	51
155	Voluntary cow traffic and behaviour in the premilking yard of a pasture-based automatic milking system with a feed supplementation regime. <i>Livestock Science</i> , 2015 , 171, 52-63	1.7	10
154	Development of a Salmonella cross-protective vaccine for food animal production systems. <i>Vaccine</i> , 2015 , 33, 100-7	4.1	17
153	Evaluation of infrared thermography body temperature and collar-mounted accelerometer and acoustic technology for predicting time of ovulation of cows in a pasture-based system. <i>Theriogenology</i> , 2015 , 83, 739-48	2.8	29
152	Longevity and mortality of cats attending primary care veterinary practices in England. <i>Journal of Feline Medicine and Surgery</i> , 2015 , 17, 125-33	2.3	107
151	A review of the genetic and non-genetic factors affecting extended lactation in pasture-based dairy systems. <i>Animal Production Science</i> , 2015 , 55, 949	1.4	5
150	GNSS technology and its application for improved reproductive management in extensive sheep systems. <i>Animal Production Science</i> , 2015 , 55, 1272	1.4	9
149	Serum phosphate and social deprivation independently predict all-cause mortality in chronic kidney disease. <i>BMC Nephrology</i> , 2015 , 16, 194	2.7	4
148	Epidemiological associations between brachycephaly and upper respiratory tract disorders in dogs attending veterinary practices in England. <i>Canine Genetics and Epidemiology</i> , 2015 , 2, 10	2.8	45
147	Epidemiology of Cranial Cruciate Ligament Disease Diagnosis in Dogs Attending Primary-Care Veterinary Practices in England. <i>Veterinary Surgery</i> , 2015 , 44, 777-83	1.7	43
146	Diagnosing nephrogenic systemic fibrosis in the post-FDA restriction era. <i>Journal of Magnetic Resonance Imaging</i> , 2015 , 41, 1268-71	5.6	21
145	Targeted Analysis Reveals an Important Role of JAK-STAT-SOCS Genes for Milk Production Traits in Australian Dairy Cattle. <i>Frontiers in Genetics</i> , 2015 , 6, 342	4.5	14
144	Degenerative mitral valve disease: Survival of dogs attending primary-care practice in England. <i>Preventive Veterinary Medicine</i> , 2015 , 122, 436-42	3.1	11
143	Prevalence of disorders recorded in Cavalier King Charles Spaniels attending primary-care veterinary practices in England. <i>Canine Genetics and Epidemiology</i> , 2015 , 2, 4	2.8	28
142	Composite Selection Signals for Complex Traits Exemplified Through Bovine Stature Using Multibreed Cohorts of European and African Bos taurus. <i>G3: Genes, Genomes, Genetics</i> , 2015 , 5, 1391-401	3.2	23
141	Reference levels for corticosterone and immune function in farmed saltwater crocodiles (<i>Crocodylus porosus</i>) hatchlings using current Code of Practice guidelines. <i>General and Comparative Endocrinology</i> , 2015 , 212, 63-72	3	27

140	Plumage damage in free-range laying hens: Behavioural characteristics in the rearing period and the effects of environmental enrichment and beak-trimming. <i>Applied Animal Behaviour Science</i> , 2015 , 164, 64-72	2.2	20
139	Analysis of gene expression data using a linear mixed model/finite mixture model approach: application to regional differences in the human brain. <i>Bioinformatics</i> , 2014 , 30, 1555-61	7.2	18
138	Nutritional geometry of calcium and phosphorus nutrition in broiler chicks. Growth performance, skeletal health and intake arrays. <i>Animal</i> , 2014 , 8, 1071-9	3.1	21
137	Feline hyperthyroidism reported in primary-care veterinary practices in England: prevalence, associated factors and spatial distribution. <i>Veterinary Record</i> , 2014 , 175, 458	0.9	24
136	Approaches to canine health surveillance. <i>Canine Genetics and Epidemiology</i> , 2014 , 1, 2	2.8	85
135	Infrared technology for estrus detection and as a predictor of time of ovulation in dairy cows in a pasture-based system. <i>Theriogenology</i> , 2014 , 81, 925-35	2.8	45
134	An epidemiological study of diabetes mellitus in dogs attending first opinion practice in the UK. <i>Veterinary Record</i> , 2014 , 174, 349	0.9	50
133	Insulin secretion, body composition and pig performance are altered by feeding pattern. <i>Animal Production Science</i> , 2014 , 54, 319	1.4	10
132	Target feeding for improved smallholder beef production in the Mekong region: lessons from Cambodia and Lao PDR. <i>Animal Production Science</i> , 2014 , 54, 1219	1.4	6
131	A pilot study into the use of global navigation satellite system technology to quantify the behavioural responses of sheep during simulated dog predation events. <i>Animal Production Science</i> , 2014 , 54, 1676	1.4	16
130	Strategic test-day recording regimes to estimate lactation yield in tropical dairy animals. <i>Genetics Selection Evolution</i> , 2014 , 46, 78	4.9	2
129	An integrated genomics approach to identify genetic regions associated with neonatal growth trait in mice. <i>Animal Biotechnology</i> , 2014 , 25, 85-97	1.4	
128	Number, causes and destinations of horses leaving the Australian Thoroughbred and Standardbred racing industries. <i>Australian Veterinary Journal</i> , 2014 , 92, 303-11	1.2	28
127	Prevalence of disorders recorded in cats attending primary-care veterinary practices in England. <i>Veterinary Journal</i> , 2014 , 202, 286-91	2.5	91
126	Composite selection signals can localize the trait specific genomic regions in multi-breed populations of cattle and sheep. <i>BMC Genetics</i> , 2014 , 15, 34	2.6	56
125	Selecting an appropriate genetic evaluation model for selection in a developing dairy sector. <i>Animal</i> , 2014 , 8, 1577-85	3.1	1
124	Nutritional geometry of calcium and phosphorus nutrition in broiler chicks. The effect of different dietary calcium and phosphorus concentrations and ratios on nutrient digestibility. <i>Animal</i> , 2014 , 8, 1080-8	3.1	16
123	Influence of provision of concentrate at milking on voluntary cow traffic in a pasture-based automatic milking system. <i>Journal of Dairy Science</i> , 2014 , 97, 1481-90	4	15

122	Training can be cost-effective in reducing morbidity associated with temporary hemodialysis catheter insertion. <i>American Journal of Kidney Diseases</i> , 2014 , 63, 346	7.4	2
121	Prevalence of disorders recorded in dogs attending primary-care veterinary practices in England. <i>PLoS ONE</i> , 2014 , 9, e90501	3.7	163
120	Dietary fatty acids affect the growth, body composition and performance of post-weaning gilt progeny. <i>Animal Production Science</i> , 2014 , 54, 329	1.4	3
119	Selection at the Esterase-2 locus of <i>Drosophila buzzatii</i> ? Perturbation-reperturbation experiments. <i>PLoS ONE</i> , 2014 , 9, e108147	3.7	
118	QTL and association analysis for skin and fibre pigmentation in sheep provides evidence of a major causative mutation and epistatic effects. <i>Animal Genetics</i> , 2013 , 44, 547-59	2.5	8
117	Empirical assessment of competitive hybridization and noise in ultra high density canine tiling arrays. <i>BMC Bioinformatics</i> , 2013 , 14, 231	3.6	
116	Longevity and mortality of owned dogs in England. <i>Veterinary Journal</i> , 2013 , 198, 638-43	2.5	188
115	Chronic kidney disease in dogs in UK veterinary practices: prevalence, risk factors, and survival. <i>Journal of Veterinary Internal Medicine</i> , 2013 , 27, 814-21	3.1	98
114	The association of age at first start with career length in the Australian Thoroughbred racehorse population. <i>Equine Veterinary Journal</i> , 2013 , 45, 410-3	2.4	25
113	Comparative transcriptome analyses reveal conserved and distinct mechanisms in ovine and bovine lactation. <i>Functional and Integrative Genomics</i> , 2013 , 13, 115-31	3.8	8
112	Artificial insemination field data on the use of sexed and conventional semen in nulliparous Holstein heifers. <i>Journal of Dairy Science</i> , 2013 , 96, 1905-14	4	44
111	An integrative genomic analysis of the superior fecundity phenotype in QSi5 mice. <i>Molecular Biotechnology</i> , 2013 , 53, 217-26	3	8
110	"Boldness" in the domestic dog differs among breeds and breed groups. <i>Behavioural Processes</i> , 2013 , 97, 53-62	1.6	40
109	Epistaxis in racehorses: risk factors and effects on career. <i>Australian Veterinary Journal</i> , 2013 , 91, 198-203.2	3.2	7
108	Age, sex and reproductive status affect boldness in dogs. <i>Veterinary Journal</i> , 2013 , 197, 868-72	2.5	59
107	Reproductive and productive performances of the stress-negative PiErain pigs in the tropics: the case of Vietnam. <i>Animal Production Science</i> , 2013 , 53, 173	1.4	4
106	Evidence that Notch and Delta expressions have a role in dermal condensate aggregation during wool follicle initiation. <i>Experimental Dermatology</i> , 2013 , 22, 659-62	4	9
105	Using phytohaemagglutinin to determine immune responsiveness in saltwater crocodiles (<i>Crocodylus porosus</i>). <i>Australian Journal of Zoology</i> , 2013 , 61, 301	0.5	12

104	Genetic correlations among canine hip dysplasia radiographic traits in a cohort of Australian German Shepherd Dogs, and implications for the design of a more effective genetic control program. <i>PLoS ONE</i> , 2013 , 8, e78929	3.7	7
103	Estimated breeding values for canine hip dysplasia radiographic traits in a cohort of Australian German Shepherd dogs. <i>PLoS ONE</i> , 2013 , 8, e77470	3.7	13
102	Lateralization in the domestic dog (<i>Canis familiaris</i>): Relationships between structural, motor, and sensory laterality. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2012 , 7, 70-79	1.9	12
101	Associations between motor, sensory and structural lateralisation and guide dog success. <i>Veterinary Journal</i> , 2012 , 192, 359-67	2.5	23
100	QTL mapping of complex binary traits in an advanced intercross line. <i>Animal Genetics</i> , 2012 , 43 Suppl 1, 97-101	2.5	1
99	Development of a novel in-water vaccination protocol for DNA adenine methylase deficient <i>Salmonella enterica</i> serovar Typhimurium vaccine in adult sheep. <i>Vaccine</i> , 2012 , 30, 1481-91	4.1	9
98	Genetic parameters of infectious bovine keratoconjunctivitis and its relationship with weight and parasite infestations in Australian tropical <i>Bos taurus</i> cattle. <i>Genetics Selection Evolution</i> , 2012 , 44, 22	4.9	4
97	The mammary gland-specific marsupial ELP and eutherian CTI share a common ancestral gene. <i>BMC Evolutionary Biology</i> , 2012 , 12, 80	3	11
96	Heritability and phenotypic variation of canine hip dysplasia radiographic traits in a cohort of Australian German shepherd dogs. <i>PLoS ONE</i> , 2012 , 7, e39620	3.7	24
95	Selection of pigs for improved coping with health and environmental challenges: breeding for resistance or tolerance?. <i>Frontiers in Genetics</i> , 2012 , 3, 281	4.5	31
94	In silico QTL mapping of maternal nurturing ability with the mouse diversity panel. <i>Physiological Genomics</i> , 2012 , 44, 787-98	3.6	8
93	Evaluation of false discovery rate and power via sample size in microarray studies. <i>Journal of Applied Statistics</i> , 2012 , 39, 489-500	1	
92	Providing supplemental milk to piglets preweaning improves the growth but not survival of gilt progeny compared with sow progeny. <i>Journal of Animal Science</i> , 2012 , 90, 5078-85	0.7	30
91	Myelin genes are downregulated in canine fucosidosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011 , 1812, 1418-26	6.9	12
90	Protective immunity conferred by a DNA adenine methylase deficient <i>Salmonella enterica</i> serovar Typhimurium vaccine when delivered in-water to sheep challenged with <i>Salmonella enterica</i> serovar Typhimurium. <i>Vaccine</i> , 2011 , 29, 3571-82	4.1	6
89	Acute involution in the tamar wallaby: identification of genes and putative novel milk proteins implicated in mammary gland function. <i>Genomics</i> , 2011 , 97, 372-8	4.3	11
88	The effect of heparinized catheter lock solutions on systemic anticoagulation in hemodialysis patients. <i>Clinical Nephrology</i> , 2011 , 75, 212-7	2.1	17
87	Sampling protocol to detect <i>Bemisia tabaci</i> (Gennadius) (Hemiptera: Aleyrodidae) in mixed species populations in greenhouse vegetable crops. <i>Australian Journal of Entomology</i> , 2011 , 50, no-no		1

86	Symmetry of hip dysplasia traits in the German Shepherd Dog in Australia. <i>Journal of Animal Breeding and Genetics</i> , 2011 , 128, 230-43	2.9	10
85	Polymorphisms of the SLC11A1 gene and resistance to bovine tuberculosis in African Zebu cattle. <i>Animal Genetics</i> , 2011 , 42, 656-8	2.5	33
84	Wound healing after mulesing and other options for controlling breech flystrike in Merino lambs: observations on gross and microscopic wound healing. <i>Australian Veterinary Journal</i> , 2011 , 89, 27-37	1.2	4
83	Assessment of the short-term systemic effect of and acute phase response to mulesing and other options for controlling breech flystrike in Merino lambs. <i>Australian Veterinary Journal</i> , 2011 , 89, 19-26	1.2	14
82	Wound healing after mulesing and other options for controlling breech flystrike in Merino lambs: quantitative and semiquantitative analysis of wound healing and wound bed contraction. <i>Australian Veterinary Journal</i> , 2011 , 89, 61-9	1.2	1
81	Age at first start and racing career of a cohort of Australian Standardbred horses. <i>Australian Veterinary Journal</i> , 2011 , 89, 325-30	1.2	10
80	Selection against canine hip dysplasia: success or failure?. <i>Veterinary Journal</i> , 2011 , 189, 160-8	2.5	23
79	Behavioral and physiological predictors of guide dog success. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2011 , 6, 178-187	1.9	50
78	Treatment of canine fucosidosis by intracisternal enzyme infusion. <i>Experimental Neurology</i> , 2011 , 230, 218-26	5.7	23
77	Mapping quantitative trait loci (QTL) in sheep. IV. Analysis of lactation persistency and extended lactation traits in sheep. <i>Genetics Selection Evolution</i> , 2011 , 43, 22	4.9	9
76	The analysis of ordinal time-series data via a transition (Markov) model. <i>Journal of Applied Statistics</i> , 2011 , 38, 1883-1897	1	2
75	A case of hepatitis C virus transmission acquired through sharing a haemodialysis machine. <i>CKJ: Clinical Kidney Journal</i> , 2011 , 4, 32-5	4.5	4
74	Comparison of patient survival in non-diabetic transplant-listed patients initially treated with haemodialysis or peritoneal dialysis. <i>Nephrology Dialysis Transplantation</i> , 2011 , 26, 245-52	4.3	12
73	Disease surveillance project in pedigree dogs and cats. <i>Veterinary Record</i> , 2011 , 168, 414	0.9	1
72	AA amyloidosis in a patient with Langerhans cell histiocytosis. <i>CKJ: Clinical Kidney Journal</i> , 2011 , 4, 104-64.5		
71	The influence of extracellular matrix and prolactin on global gene expression profiles of primary bovine mammary epithelial cells in vitro. <i>Animal Genetics</i> , 2010 , 41, 55-63	2.5	27
70	QTL mapping for two commercial traits in farmed saltwater crocodiles (<i>Crocodylus porosus</i>). <i>Animal Genetics</i> , 2010 , 41, 142-9	2.5	6
69	Evaluation of two training programs aimed to improve early lactation performance of heifers in a pasture-based automated milking system. <i>Animal Production Science</i> , 2010 , 50, 939	1.4	6

68	Optimization of a whole blood gamma interferon assay for the detection of sheep infected with <i>Mycobacterium avium</i> subspecies paratuberculosis. <i>Journal of Veterinary Diagnostic Investigation</i> , 2010 , 22, 210-7	1.5	6
67	A prospective observational study of catheter-related bacteraemia and thrombosis in a haemodialysis cohort: univariate and multivariate analyses of risk association. <i>Nephrology Dialysis Transplantation</i> , 2010 , 25, 1596-604	4.3	32
66	Embryo production after in vitro fertilization with frozen-thawed, sex-sorted, re-frozen-thawed bull sperm. <i>Theriogenology</i> , 2010 , 73, 97-102	2.8	21
65	Blood plasma concentrations of metabolic hormones and glucose during extended lactation in grazing cows or cows fed a total mixed ration. <i>Journal of Dairy Science</i> , 2010 , 93, 5913-20	4	13
64	Quality parameters for alpaca (<i>Vicugna pacos</i>) semen are affected by semen collection procedure. <i>Reproduction in Domestic Animals</i> , 2010 , 45, 637-43	1.6	8
63	Is this really a true case of NSF following Gadovist exposure alone?. <i>Nephrology Dialysis Transplantation</i> , 2010 , 25, 1352-3; author reply 1353-4	4.3	12
62	Sensory Jump Test as a measure of sensory (visual) lateralization in dogs (<i>Canis familiaris</i>). <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2010 , 5, 256-267	1.9	5
61	First-stepping Test as a measure of motor laterality in dogs (<i>Canis familiaris</i>). <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2010 , 5, 247-255	1.9	35
60	Motor laterality in 4 breeds of dog. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2010 , 5, 318-323	1.9	30
59	Mapping Quantitative Trait Loci (QTL) in sheep. III. QTL for carcass composition traits derived from CT scans and aligned with a meta-assembly for sheep and cattle carcass QTL. <i>Genetics Selection Evolution</i> , 2010 , 42, 36	4.9	30
58	Biosecurity practices and the potential for exhibited pigs to consume swill at agricultural shows in Australia. <i>Preventive Veterinary Medicine</i> , 2009 , 91, 122-9	3.1	7
57	SMART: Sensitivity models for animals in response to training. <i>Veterinary Journal</i> , 2009 , 181, 72-3	2.5	2
56	Mapping quantitative trait loci (QTL) in sheep. I. A new male framework linkage map and QTL for growth rate and body weight. <i>Genetics Selection Evolution</i> , 2009 , 41, 34	4.9	31
55	Mapping quantitative trait loci (QTL) in sheep. II. Meta-assembly and identification of novel QTL for milk production traits in sheep. <i>Genetics Selection Evolution</i> , 2009 , 41, 45	4.9	27
54	A genetic linkage map for the saltwater crocodile (<i>Crocodylus porosus</i>). <i>BMC Genomics</i> , 2009 , 10, 339	4.5	23
53	The effect of insemination time and sperm dose on pregnancy rate using sex-sorted ram sperm. <i>Theriogenology</i> , 2009 , 71, 829-35	2.8	20
52	Identification of sow-specific risk factors for late pregnancy loss during the seasonal infertility period in pigs. <i>Theriogenology</i> , 2009 , 72, 393-400	2.8	30
51	Molecular analysis of tammar (<i>Macropus eugenii</i>) mammary epithelial cells stimulated with lipopolysaccharide and lipoteichoic acid. <i>Veterinary Immunology and Immunopathology</i> , 2009 , 129, 36-48 ²		18

50	Bovine Muc1 is a highly polymorphic gene encoding an extensively glycosylated mucin that binds bacteria. <i>Journal of Dairy Science</i> , 2009 , 92, 5276-91	4	51
49	Biphasic survival analysis of trypanotolerance QTL in mice. <i>Heredity</i> , 2008 , 100, 407-14	3.6	2
48	Transcriptome analysis identifies pathways associated with enhanced maternal performance in QSi5 mice. <i>BMC Genomics</i> , 2008 , 9, 197	4.5	16
47	Identification and transcript analysis of a novel wallaby (<i>Macropus eugenii</i>) basal-like breast cancer cell line. <i>Molecular Cancer</i> , 2008 , 7, 1	42.1	29
46	Field fertility of frozen-thawed boar sperm at low doses using non-surgical, deep uterine insemination. <i>Animal Reproduction Science</i> , 2008 , 103, 323-35	2.1	15
45	The effect of medroxyprogesterone acetate on behavioural responses of captive female hamadryas baboons (<i>Papio hamadryas</i>). <i>Animal Reproduction Science</i> , 2008 , 108, 412-24	2.1	12
44	Ghrelin secretion is more closely aligned to energy balance than with feeding behaviour in the grower pig. <i>Journal of Endocrinology</i> , 2008 , 198, 135-45	4.7	25
43	Gadolinium-enhanced MR imaging and nephrogenic systemic fibrosis: retrospective study of a renal replacement therapy cohort. <i>Radiology</i> , 2007 , 245, 168-75	20.5	260
42	Synchrony of ovulation and follicular dynamics in merino ewes treated with GnRH in the breeding and non-breeding seasons. <i>Reproduction in Domestic Animals</i> , 2007 , 42, 410-7	1.6	11
41	Autologous whole ram seminal plasma and its vesicle-free fraction improve motility characteristics and membrane status but not in vivo fertility of frozen-thawed ram spermatozoa. <i>Reproduction in Domestic Animals</i> , 2007 , 42, 541-9	1.6	25
40	A note on the effect of changes in flooring on the behaviour of housed rams. <i>Applied Animal Behaviour Science</i> , 2007 , 107, 355-360	2.2	4
39	Genomewide analysis of secretory activation in mouse models. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2007 , 12, 305-14	2.4	8
38	Vascular access in haemodialysis patients: a modifiable risk factor for bacteraemia and death. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2007 , 100, 415-22	2.7	83
37	Gadolinium contrast may be risky in kidney disease. <i>BMJ, The</i> , 2007 , 334, 1335-6	5.9	0
36	A primary assembly of a bovine haplotype block map based on a 15,036-single-nucleotide polymorphism panel genotyped in holstein-friesian cattle. <i>Genetics</i> , 2007 , 176, 763-72	4	65
35	Validation of endogenous reference genes for expression profiling of RAW264.7 cells infected with <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> by quantitative PCR. <i>Veterinary Immunology and Immunopathology</i> , 2007 , 115, 43-55	2	10
34	Analysis of the expression of immunoglobulins throughout lactation suggests two periods of immune transfer in the tamar wallaby (<i>Macropus eugenii</i>). <i>Veterinary Immunology and Immunopathology</i> , 2007 , 120, 187-200	2	45
33	Effect of seminal plasma fractions from entire and vasectomized rams on the motility characteristics, membrane status, and in vitro fertility of ram spermatozoa. <i>Journal of Andrology</i> , 2007 , 28, 109-22		18

32	Bodyweight QTL on mouse chromosomes 4 and 11 by selective genotyping: regression v. maximum likelihood. <i>Australian Journal of Experimental Agriculture</i> , 2007 , 47, 677		
31	Differences in motor laterality between breeds of performance horse. <i>Applied Animal Behaviour Science</i> , 2006 , 99, 183-190	2.2	84
30	Linkage disequilibrium on chromosome 6 in Australian Holstein-Friesian cattle. <i>Genetics Selection Evolution</i> , 2006 , 38, 463-77	4.9	15
29	A strategic approach to mitigating the impacts of wild canids: proposed activities of the Invasive Animals Cooperative Research Centre. <i>Australian Journal of Experimental Agriculture</i> , 2006 , 46, 753		56
28	Quantitative trait loci modifying cardiac atrial septal morphology and risk of patent foramen ovale in the mouse. <i>Circulation Research</i> , 2006 , 98, 651-8	15.7	21
27	A first-generation metric linkage disequilibrium map of bovine chromosome 6. <i>Genetics</i> , 2006 , 174, 79-85		32
26	Lactational performance of Quackenbush Swiss line 5 mice. <i>Journal of Animal Science</i> , 2006 , 84, 2118-25	0.7	16
25	Quantitative analysis of production traits in saltwater crocodiles (<i>Crocodylus porosus</i>): III. juvenile survival. <i>Journal of Animal Breeding and Genetics</i> , 2006 , 123, 44-7	2.9	12
24	The origin of membrane vesicles in ram seminal plasma. <i>Reproduction in Domestic Animals</i> , 2006 , 41, 98-105		4
23	Quantitative analysis of production traits in saltwater crocodiles (<i>Crocodylus porosus</i>): IV. number of scale rows. <i>Journal of Animal Breeding and Genetics</i> , 2006 , 123, 48-55	2.9	9
22	The reinforcing value of physical contact and the effect on canine heart rate of grooming in different anatomical areas. <i>Anthrozoos</i> , 2005 , 18, 236-244	2.4	33
21	Quantitative analysis of production traits in saltwater crocodiles (<i>Crocodylus porosus</i>): I. reproduction traits. <i>Journal of Animal Breeding and Genetics</i> , 2005 , 122, 361-9	2.9	18
20	Quantitative analysis of production traits in saltwater crocodiles (<i>Crocodylus porosus</i>): II. age at slaughter. <i>Journal of Animal Breeding and Genetics</i> , 2005 , 122, 370-7	2.9	24
19	Listing of inherited disorders in animals (LIDA): an online relational database, using non-technical descriptions written by veterinary students. <i>Journal of Veterinary Medical Education</i> , 2005 , 32, 551-4	1.3	3
18	Prevalence of obesity in dogs examined by Australian veterinary practices and the risk factors involved. <i>Veterinary Record</i> , 2005 , 156, 695-702	0.9	218
17	Characterization and localization of membrane vesicles in ejaculate fractions from the ram, boar and stallion. <i>Reproduction in Domestic Animals</i> , 2004 , 39, 173-80	1.6	19
16	Fitting and comparing seed germination models with a focus on the inverse normal distribution. <i>Australian and New Zealand Journal of Statistics</i> , 2004 , 46, 349-366	0.7	12
15	Quantitative trait loci mapping in dairy cattle: review and meta-analysis. <i>Genetics Selection Evolution</i> , 2004 , 36, 163-90	4.9	188

14	Quantitative trait loci for steady-state platelet count in mice. <i>Mammalian Genome</i> , 2004 , 15, 784-97	3.2	15
13	A generalized estimating equations approach to quantitative trait locus detection of non-normal traits. <i>Genetics Selection Evolution</i> , 2003 , 35, 257-80	4.9	13
12	Effect of declining owned-cat population on veterinary practices in Sydney. <i>Australian Veterinary Journal</i> , 2002 , 80, 740-5	1.2	11
11	Strategies to optimize marker-assisted introgression of multiple unlinked QTL. <i>Mammalian Genome</i> , 2000 , 11, 145-50	3.2	16
10	A model for population growth of laboratory animals subjected to marker-assisted introgression: how many animals do we need?. <i>Heredity</i> , 1999 , 82 (Pt 1), 16-24	3.6	8
9	A hybrid paired and unpaired analysis for the comparison of proportions. <i>Statistics in Medicine</i> , 1995 , 14, 1463-70	2.3	17
8	The behavioural ecology of dingoes in north-western Australia. III. Hunting and Feeding behaviour, and diet.. <i>Wildlife Research</i> , 1992 , 19, 531	1.8	103
7	Regionalization of trauma services in western Sydney: predicted effect on ambulance and hospital utilization rates. <i>ANZ Journal of Surgery</i> , 1991 , 61, 589-96	1	4
6	Trauma studies. <i>Medical Journal of Australia</i> , 1991 , 154, 852-852	4	
5	Outcome following physical trauma: a comparative approach. <i>International Disability Studies</i> , 1990 , 12, 113-8		7
4	Trauma triage in western Sydney: results of a pilot study. <i>ANZ Journal of Surgery</i> , 1990 , 60, 953-8	1	10
3	Transfer Rates of Docosahexaenoic and Eicosapentaenoic Acids into Cow's Milk in Pasture Based and Feed-Lot Management Systems. <i>European Journal of Lipid Science and Technology</i> , 2100106	3	
2	Road Traffic Accidents (RTA) in dogs in the UK: epidemiology, clinical management and outcomes 473-474		
1	Mortality and relinquishment ascribed to undesirable behaviours in young dogs in the UK 559-559		1