

Peter C. Thomson

List of Publications by Citations

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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	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
246	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
245	Longevity and mortality of owned dogs in England. <i>Veterinary Journal</i> , 2013 , 198, 638-43	2.5	188
244	Quantitative trait loci mapping in dairy cattle: review and meta-analysis. <i>Genetics Selection Evolution</i> , 2004 , 36, 163-90	4.9	188
243	Prevalence of disorders recorded in dogs attending primary-care veterinary practices in England. <i>PLoS ONE</i> , 2014 , 9, e90501	3.7	163
242	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
241	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
240	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
239	Prevalence of disorders recorded in cats attending primary-care veterinary practices in England. <i>Veterinary Journal</i> , 2014 , 202, 286-91	2.5	91
238	Approaches to canine health surveillance. <i>Canine Genetics and Epidemiology</i> , 2014 , 1, 2	2.8	85
237	Differences in motor laterality between breeds of performance horse. <i>Applied Animal Behaviour Science</i> , 2006 , 99, 183-190	2.2	84
236	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
235	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
234	Age, sex and reproductive status affect boldness in dogs. <i>Veterinary Journal</i> , 2013 , 197, 868-72	2.5	59
233	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
232	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
231	Prevalence and risk factors for mast cell tumours in dogs in England. <i>Canine Genetics and Epidemiology</i> , 2015 , 2, 1	2.8	51

230	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
229	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
228	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
227	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
226	A Meta-Assembly of Selection Signatures in Cattle. <i>PLoS ONE</i> , 2016 , 11, e0153013	3.7	46
225	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
224	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
223	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
222	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
221	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
220	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
219	"Boldness" in the domestic dog differs among breeds and breed groups. <i>Behavioural Processes</i> , 2013 , 97, 53-62	1.6	40
218	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
217	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
216	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
215	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
214	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
213	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

212	A first-generation metric linkage disequilibrium map of bovine chromosome 6. <i>Genetics</i> , 2006 , 174, 79-85	4	32
211	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
210	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
209	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
208	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
207	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
206	Motor laterality in 4 breeds of dog. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2010 , 5, 318-323	1.9	30
205	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
204	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
203	VetCompass Australia: A National Big Data Collection System for Veterinary Science. <i>Animals</i> , 2017 , 7,	3.1	29
202	Founder-specific inbreeding depression affects racing performance in Thoroughbred horses. <i>Scientific Reports</i> , 2018 , 8, 6167	4.9	29
201	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
200	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
199	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
198	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
197	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
196	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
195	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

194	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
193	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
192	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
191	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
190	Development of a new clinical mastitis detection method for automatic milking systems. <i>Journal of Dairy Science</i> , 2018 , 101, 9385-9395	4	24
189	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
188	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
187	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
186	Associations between motor, sensory and structural lateralisation and guide dog success. <i>Veterinary Journal</i> , 2012 , 192, 359-67	2.5	23
185	Composite Selection Signals for Complex Traits Exemplified Through Bovine Stature Using Multibreed Cohorts of European and African <i>Bos taurus</i> . <i>G3: Genes, Genomes, Genetics</i> , 2015 , 5, 1391-401 ^{3.2}		23
184	Selection against canine hip dysplasia: success or failure?. <i>Veterinary Journal</i> , 2011 , 189, 160-8	2.5	23
183	Treatment of canine fucosidosis by intracisternal enzyme infusion. <i>Experimental Neurology</i> , 2011 , 230, 218-26	5.7	23
182	A genetic linkage map for the saltwater crocodile (<i>Crocodylus porosus</i>). <i>BMC Genomics</i> , 2009 , 10, 339	4.5	23
181	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
180	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
179	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
178	Diagnosing nephrogenic systemic fibrosis in the post-FDA restriction era. <i>Journal of Magnetic Resonance Imaging</i> , 2015 , 41, 1268-71	5.6	21
177	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

176	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
175	Gram-negative bacteraemia in haemodialysis. <i>Nephrology Dialysis Transplantation</i> , 2015 , 30, 1202-8	4.3	20
174	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
173	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
172	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
171	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
170	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
169	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
168	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
167	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
166	Development of a Salmonella cross-protective vaccine for food animal production systems. <i>Vaccine</i> , 2015 , 33, 100-7	4.1	17
165	The effect of heparinized catheter lock solutions on systemic anticoagulation in hemodialysis patients. <i>Clinical Nephrology</i> , 2011 , 75, 212-7	2.1	17
164	A hybrid paired and unpaired analysis for the comparison of proportions. <i>Statistics in Medicine</i> , 1995 , 14, 1463-70	2.3	17
163	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
162	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
161	Transcriptome analysis identifies pathways associated with enhanced maternal performance in QSI5 mice. <i>BMC Genomics</i> , 2008 , 9, 197	4.5	16
160	Lactational performance of Quackenbush Swiss line 5 mice. <i>Journal of Animal Science</i> , 2006 , 84, 2118-25	0.7	16
159	Strategies to optimize marker-assisted introgression of multiple unlinked QTL. <i>Mammalian Genome</i> , 2000 , 11, 145-50	3.2	16

158	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
157	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
156	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
155	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
154	Linkage disequilibrium on chromosome 6 in Australian Holstein-Friesian cattle. <i>Genetics Selection Evolution</i> , 2006 , 38, 463-77	4.9	15
153	Quantitative trait loci for steady-state platelet count in mice. <i>Mammalian Genome</i> , 2004 , 15, 784-97	3.2	15
152	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
151	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
150	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
149	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
148	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
147	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
146	Evaluating candidate genes oprm1, drd2, avpr1a, and oxtr in golden retrievers with separation-related behaviors. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2016 , 16, 22-27	1.9	13
145	Risk factors for Neospora caninum, bovine viral diarrhoea virus, and Leptospira interrogans serovar Hardjo infection in smallholder cattle and buffalo in Lao PDR. <i>PLoS ONE</i> , 2019 , 14, e0220335	3.7	13
144	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
143	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
142	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
141	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

140	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
139	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
138	Effects of Topical Anaesthetic and Buccal Meloxicam Treatments on Concurrent Castration and Dehorning of Beef Calves. <i>Animals</i> , 2018 , 8,	3.1	12
137	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
136	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
135	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
134	Myelin genes are downregulated in canine fucosidosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011 , 1812, 1418-26	6.9	12
133	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
132	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
131	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
130	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
129	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
128	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
127	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
126	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
125	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
124	The mammary gland-specific marsupial ELP and eutherian CTI share a common ancestral gene. <i>BMC Evolutionary Biology</i> , 2012 , 12, 80	3	11
123	Acute involution in the tammar wallaby: identification of genes and putative novel milk proteins implicated in mammary gland function. <i>Genomics</i> , 2011 , 97, 372-8	4.3	11

122	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
121	Effect of declining owned-cat population on veterinary practices in Sydney. <i>Australian Veterinary Journal</i> , 2002 , 80, 740-5	1.2	11
120	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
119	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
118	Insulin secretion, body composition and pig performance are altered by feeding pattern. <i>Animal Production Science</i> , 2014 , 54, 319	1.4	10
117	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
116	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
115	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
114	Trauma triage in western Sydney: results of a pilot study. <i>ANZ Journal of Surgery</i> , 1990 , 60, 953-8	1	10
113	Transitioning from conventional to automatic milking: Effects on the human-animal relationship. <i>Journal of Dairy Science</i> , 2020 , 103, 1608-1619	4	10
112	GNSS technology and its application for improved reproductive management in extensive sheep systems. <i>Animal Production Science</i> , 2015 , 55, 1272	1.4	9
111	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
110	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
109	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
108	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
107	Canine atopic dermatitis: breed risk in Australia and evidence for a susceptible clade. <i>Veterinary Dermatology</i> , 2016 , 27, 167-e42	1.8	9
106	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
105	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

104	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
103	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
102	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
101	An integrative genomic analysis of the superior fecundity phenotype in QSi5 mice. <i>Molecular Biotechnology</i> , 2013 , 53, 217-26	3	8
100	In silico QTL mapping of maternal nurturing ability with the mouse diversity panel. <i>Physiological Genomics</i> , 2012 , 44, 787-98	3.6	8
99	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
98	Genomewide analysis of secretory activation in mouse models. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2007 , 12, 305-14	2.4	8
97	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
96	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
95	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
94	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
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