

# Alan L Archibald

## List of Publications by Citations

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156  
papers

8,867  
citations

50  
h-index

91  
g-index

172  
ext. papers

11,103  
ext. citations

5.9  
avg, IF

5.27  
L-index

#	Paper	IF	Citations
156	Analyses of pig genomes provide insight into porcine demography and evolution. <i>Nature</i> , <b>2012</b> , 491, 393-8	50.4	928
155	A regulatory mutation in IGF2 causes a major QTL effect on muscle growth in the pig. <i>Nature</i> , <b>2003</b> , 425, 832-6	50.4	659
154	Design of a high density SNP genotyping assay in the pig using SNPs identified and characterized by next generation sequencing technology. <i>PLoS ONE</i> , <b>2009</b> , 4, e6524	3.7	486
153	The PiGMaP consortium linkage map of the pig ( <i>Sus scrofa</i> ). <i>Mammalian Genome</i> , <b>1995</b> , 6, 157-75	3.2	402
152	Strong signatures of selection in the domestic pig genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 19529-36	11.5	367
151	The sheep genome illuminates biology of the rumen and lipid metabolism. <i>Science</i> , <b>2014</b> , 344, 1168-1173	33.3	294
150	Coordinated international action to accelerate genome-to-phenome with FAANG, the Functional Annotation of Animal Genomes project. <i>Genome Biology</i> , <b>2015</b> , 16, 57	18.3	196
149	Precision engineering for PRRSV resistance in pigs: Macrophages from genome edited pigs lacking CD163 SRCR5 domain are fully resistant to both PRRSV genotypes while maintaining biological function. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006206	7.6	187
148	Somatic cell nuclear transfer in the pig: control of pronuclear formation and integration with improved methods for activation and maintenance of pregnancy. <i>Biology of Reproduction</i> , <b>2002</b> , 66, 642-50	3.0	155
147	Development and validation of a high density SNP genotyping array for Atlantic salmon ( <i>Salmo salar</i> ). <i>BMC Genomics</i> , <b>2014</b> , 15, 90	4.5	153
146	Signatures of diversifying selection in European pig breeds. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003453	6	131
145	Structural and functional annotation of the porcine immunome. <i>BMC Genomics</i> , <b>2013</b> , 14, 332	4.5	128
144	The sheep genome reference sequence: a work in progress. <i>Animal Genetics</i> , <b>2010</b> , 41, 449-53	2.5	128
143	Exome Sequencing: Current and Future Perspectives. <i>G3: Genes, Genomes, Genetics</i> , <b>2015</b> , 5, 1543-50	3.2	125
142	Comparative genome organization of vertebrates. The First International Workshop on Comparative Genome Organization. <i>Mammalian Genome</i> , <b>1996</b> , 7, 717-34	3.2	125
141	Cosegregation of porcine malignant hyperthermia and a probable causal mutation in the skeletal muscle ryanodine receptor gene in backcross families. <i>Genomics</i> , <b>1991</b> , 11, 744-50	4.3	123
140	Targeting expression to the mammary gland: intronic sequences can enhance the efficiency of gene expression in transgenic mice. <i>Transgenic Research</i> , <b>1991</b> , 1, 3-13	3.3	117

139	A gene expression atlas of the domestic pig. <i>BMC Biology</i> , <b>2012</b> , 10, 90	7.3	116
138	Pig genome sequence--analysis and publication strategy. <i>BMC Genomics</i> , <b>2010</b> , 11, 438	4.5	116
137	A high density recombination map of the pig reveals a correlation between sex-specific recombination and GC content. <i>BMC Genomics</i> , <b>2012</b> , 13, 586	4.5	113
136	Complete nucleotide sequence of the murine H-2Kk gene. Comparison of three H-2K locus alleles. <i>Nucleic Acids Research</i> , <b>1984</b> , 12, 9473-87	20.1	107
135	CpG islands of chicken are concentrated on microchromosomes. <i>Nature Genetics</i> , <b>1996</b> , 12, 321-4	36.3	106
134	A high utility integrated map of the pig genome. <i>Genome Biology</i> , <b>2007</b> , 8, R139	18.3	104
133	A large duplication associated with dominant white color in pigs originated by homologous recombination between LINE elements flanking KIT. <i>Mammalian Genome</i> , <b>2002</b> , 13, 569-77	3.2	103
132	Pig bone marrow-derived macrophages resemble human macrophages in their response to bacterial lipopolysaccharide. <i>Journal of Immunology</i> , <b>2012</b> , 188, 3382-94	5.3	98
131	Combined analyses of data from quantitative trait loci mapping studies. Chromosome 4 effects on porcine growth and fatness. <i>Genetics</i> , <b>2000</b> , 155, 1369-78	4	98
130	Genome sequencing reveals fine scale diversification and reticulation history during speciation in <i>Sus</i> . <i>Genome Biology</i> , <b>2013</b> , 14, R107	18.3	97
129	Genetic diversity within and between European pig breeds using microsatellite markers. <i>Animal Genetics</i> , <b>2006</b> , 37, 189-98	2.5	92
128	A high resolution atlas of gene expression in the domestic sheep ( <i>Ovis aries</i> ). <i>PLoS Genetics</i> , <b>2017</b> , 13, e1006997	6	79
127	Normalized long read RNA sequencing in chicken reveals transcriptome complexity similar to human. <i>BMC Genomics</i> , <b>2017</b> , 18, 323	4.5	76
126	Pigs Lacking the Scavenger Receptor Cysteine-Rich Domain 5 of CD163 Are Resistant to Porcine Reproductive and Respiratory Syndrome Virus 1 Infection. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	76
125	Innate immune responses to replication of porcine reproductive and respiratory syndrome virus in isolated Swine alveolar macrophages. <i>Viral Immunology</i> , <b>2007</b> , 20, 105-18	1.7	75
124	Swine Genome Sequencing Consortium (SGSC): a strategic roadmap for sequencing the pig genome. <i>Comparative and Functional Genomics</i> , <b>2005</b> , 6, 251-5		75
123	Mapping quantitative trait loci affecting female reproductive traits on porcine chromosome 8. <i>Biology of Reproduction</i> , <b>2003</b> , 68, 2172-9	3.9	74
122	Characterization of 24 porcine (dA-dC) <sub>n</sub> -(dT-dG) <sub>n</sub> microsatellites: genotyping of unrelated animals from four breeds and linkage studies. <i>Mammalian Genome</i> , <b>1993</b> , 4, 187-92	3.2	73

121	Comparative analysis of monocyte subsets in the pig. <i>Journal of Immunology</i> , <b>2013</b> , 190, 6389-96	5.3	71
120	Assignment of 19 porcine type I loci by somatic cell hybrid analysis detects new regions of conserved synteny between human and pig. <i>Mammalian Genome</i> , <b>1996</b> , 7, 275-9	3.2	71
119	Mapping of quantitative trait loci on porcine chromosome 4. <i>Animal Genetics</i> , <b>1998</b> , 29, 415-24	2.5	65
118	Livestock 2.0 - genome editing for fitter, healthier, and more productive farmed animals. <i>Genome Biology</i> , <b>2018</b> , 19, 204	18.3	65
117	Genome-wide SNP data unveils the globalization of domesticated pigs. <i>Genetics Selection Evolution</i> , <b>2017</b> , 49, 71	4.9	63
116	Gene Transfer into Sheep. <i>Nature Biotechnology</i> , <b>1988</b> , 6, 179-183	44.5	61
115	An improved pig reference genome sequence to enable pig genetics and genomics research. <i>GigaScience</i> , <b>2020</b> , 9,	7.6	60
114	Genetic and expression analysis of cattle identifies candidate genes in pathways responding to <i>Trypanosoma congolense</i> infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 9304-9	11.5	58
113	Third Report on Chicken Genes and Chromosomes 2015. <i>Cytogenetic and Genome Research</i> , <b>2015</b> , 145, 78-179	1.9	57
112	Linkage and comparative mapping of the locus controlling susceptibility towards E. COLI F4ab/ac diarrhoea in pigs. <i>Cytogenetic and Genome Research</i> , <b>2003</b> , 102, 157-62	1.9	57
111	Detection of quantitative trait loci for androstenone, skatole and boar taint in a cross between Large White and Meishan pigs. <i>Animal Genetics</i> , <b>2005</b> , 36, 14-22	2.5	57
110	Quantitative trait loci for production traits in pigs: a combined analysis of two Meishan x Large White populations. <i>Animal Genetics</i> , <b>2008</b> , 39, 486-95	2.5	56
109	Genetic perspectives on host responses to porcine reproductive and respiratory syndrome (PRRS). <i>Viral Immunology</i> , <b>2007</b> , 20, 343-58	1.7	53
108	Evaluation of approaches for identifying population informative markers from high density SNP chips. <i>BMC Genetics</i> , <b>2011</b> , 12, 45	2.6	52
107	The ARKdb: genome databases for farmed and other animals. <i>Nucleic Acids Research</i> , <b>2001</b> , 29, 106-10	20.1	50
106	A large-fragment porcine genomic library resource in a BAC vector. <i>Mammalian Genome</i> , <b>2000</b> , 11, 811-43.2	43.2	48
105	Genome-wide association reveals QTL for growth, bone and in vivo carcass traits as assessed by computed tomography in Scottish Blackface lambs. <i>Genetics Selection Evolution</i> , <b>2016</b> , 48, 11	4.9	40
104	The future of animal production: improving productivity and sustainability. <i>Journal of Agricultural Science</i> , <b>2011</b> , 149, 9-16	1	38

103	Macrophage transcriptional responses following in vitro infection with a highly virulent African swine fever virus isolate. <i>Journal of Virology</i> , <b>2006</b> , 80, 10514-21	6.6	38
102	GO-FAANG meeting: a Gathering On Functional Annotation of Animal Genomes. <i>Animal Genetics</i> , <b>2016</b> , 47, 528-33	2.5	37
101	The impact of breed and tissue compartment on the response of pig macrophages to lipopolysaccharide. <i>BMC Genomics</i> , <b>2013</b> , 14, 581	4.5	36
100	Epithelial, metabolic and innate immunity transcriptomic signatures differentiating the rumen from other sheep and mammalian gastrointestinal tract tissues. <i>PeerJ</i> , <b>2016</b> , 4, e1762	3.1	33
99	A genome-wide linkage analysis for reproductive traits in F2 Large White × Meishan cross gilts. <i>Animal Genetics</i> , <b>2014</b> , 45, 191-7	2.5	31
98	Comparative genomics of Toll-like receptor signalling in five species. <i>BMC Genomics</i> , <b>2009</b> , 10, 216	4.5	30
97	The receptor locus for Escherichia coli F4ab/F4ac in the pig maps distal to the MUC4-LMLN region. <i>Mammalian Genome</i> , <b>2011</b> , 22, 122-9	3.2	29
96	A QTL affecting daily feed intake maps to Chromosome 2 in pigs. <i>Mammalian Genome</i> , <b>2005</b> , 16, 464-70	3.2	29
95	The porcine gonadotropin-releasing hormone receptor gene (GNRHR): Genomic organization, polymorphisms, and association with the number of corpora lutea. <i>Genome</i> , <b>2001</b> , 44, 7-12	2.4	29
94	Production of pharmaceutical proteins in milk. <i>Experientia</i> , <b>1991</b> , 47, 905-12		29
93	Genomic diversity and differentiation of a managed island wild boar population. <i>Heredity</i> , <b>2016</b> , 116, 60-7	3.6	28
92	Identification of a single killer immunoglobulin-like receptor (KIR) gene in the porcine leukocyte receptor complex on chromosome 6q. <i>Immunogenetics</i> , <b>2006</b> , 58, 481-6	3.2	28
91	An assessment of European pig diversity using molecular markers: Partitioning of diversity among breeds. <i>Conservation Genetics</i> , <b>2005</b> , 6, 729-741	2.6	28
90	QTL modulating ear size and erectness in pigs. <i>Animal Genetics</i> , <b>2007</b> , 38, 222-6	2.5	27
89	Genetic diversity in European pigs utilizing amplified fragment length polymorphism markers. <i>Animal Genetics</i> , <b>2006</b> , 37, 232-8	2.5	27
88	Host inhibits replication of European porcine reproductive and respiratory syndrome virus in macrophages by altering differential regulation of type-I interferon transcriptional response. <i>Immunogenetics</i> , <b>2011</b> , 63, 437-48	3.2	26
87	Development of a genetic tool for product regulation in the diverse British pig breed market. <i>BMC Genomics</i> , <b>2012</b> , 13, 580	4.5	25
86	Refined candidate region specified by haplotype sharing for Escherichia coli F4ab/F4ac susceptibility alleles in pigs. <i>Animal Genetics</i> , <b>2010</b> , 41, 21-5	2.5	25

85	Cloning and mapping of the porcine cytochrome-p450 2E1 gene and its association with skatole levels in the domestic pig. <i>Animal Genetics</i> , <b>2005</b> , 36, 417-22	2.5	25
84	The porcine gonadotropin-releasing hormone receptor gene (GNRHR): genomic organization, polymorphisms, and association with the number of corpora lutea. <i>Genome</i> , <b>2001</b> , 44, 7-12	2.4	25
83	Design and development of exome capture sequencing for the domestic pig ( <i>Sus scrofa</i> ). <i>BMC Genomics</i> , <b>2014</b> , 15, 550	4.5	24
82	Identification of Low-Confidence Regions in the Pig Reference Genome ( <i>Sscrofa10.2</i> ). <i>Frontiers in Genetics</i> , <b>2015</b> , 6, 338	4.5	24
81	High-resolution comparative mapping of pig Chromosome 4, emphasizing the FAT1 region. <i>Mammalian Genome</i> , <b>2004</b> , 15, 717-31	3.2	24
80	Avianbase: a community resource for bird genomics. <i>Genome Biology</i> , <b>2015</b> , 16, 21	18.3	22
79	Refined localization of the Escherichia coli F4ab/F4ac receptor locus on pig chromosome 13. <i>Animal Genetics</i> , <b>2009</b> , 40, 749-52	2.5	22
78	Illuminating the dark side of the human transcriptome with long read transcript sequencing. <i>BMC Genomics</i> , <b>2020</b> , 21, 751	4.5	22
77	A chromosome-level genome assembly for the Pacific oyster <i>Crassostrea gigas</i> . <i>GigaScience</i> , <b>2021</b> , 10,	7.6	22
76	Novel gene expression responses in the ovine abomasal mucosa to infection with the gastric nematode <i>Teladorsagia circumcincta</i> . <i>Veterinary Research</i> , <b>2011</b> , 42, 78	3.8	21
75	A polymorphism in the 5' untranslated region of the porcine cholecystokinin type a receptor gene affects feed intake and growth. <i>Genetics</i> , <b>2006</b> , 174, 1555-63	4	21
74	No detectable association of the ESR Pvull mutation with sow productivity in a Meishan x Large White F2 population. <i>Animal Genetics</i> , <b>2002</b> , 33, 448-50	2.5	21
73	Farm animal genome databases. <i>Briefings in Bioinformatics</i> , <b>2000</b> , 1, 151-60	13.4	21
72	From FAANG to fork: application of highly annotated genomes to improve farmed animal production. <i>Genome Biology</i> , <b>2020</b> , 21, 285	18.3	21
71	Analysis of the genetics of boar taint reveals both single SNPs and regional effects. <i>BMC Genomics</i> , <b>2014</b> , 15, 424	4.5	20
70	USP18 restricts PRRSV growth through alteration of nuclear translocation of NF- $\kappa$ B p65 and p50 in MARC-145 cells. <i>Virus Research</i> , <b>2012</b> , 169, 264-7	6.4	20
69	Isolation of subtelomeric sequences of porcine chromosomes for translocation screening reveals errors in the pig genome assembly. <i>Animal Genetics</i> , <b>2017</b> , 48, 395-403	2.5	19
68	Secreted phosphoprotein 1 expression in endometrium and placental tissues of hyperprolific large white and meishan gilts. <i>Biology of Reproduction</i> , <b>2013</b> , 88, 120	3.9	19

67	Whole genome analysis of water buffalo and global cattle breeds highlights convergent signatures of domestication. <i>Nature Communications</i> , <b>2020</b> , 11, 4739	17.4	19
66	A Gene Expression Atlas of the Domestic Water Buffalo (). <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 668	4.5	18
65	Localization of the PGD and TGF beta-1 loci to pig chromosome 6q. <i>Animal Genetics</i> , <b>1990</b> , 21, 411-7	2.5	18
64	Lawsonia intracellularis exploits Ecatenin/Wnt and Notch signalling pathways during infection of intestinal crypt to alter cell homeostasis and promote cell proliferation. <i>PLoS ONE</i> , <b>2017</b> , 12, e0173782	3.7	17
63	Characterisation of five candidate genes within the ETEC F4ab/ac candidate region in pigs. <i>BMC Research Notes</i> , <b>2011</b> , 4, 225	2.3	16
62	CpG islands of the pig. <i>Genome Research</i> , <b>1997</b> , 7, 924-31	9.7	16
61	Down-regulation of mechanisms involved in cell transport and maintenance of mucosal integrity in pigs infected with Lawsonia intracellularis. <i>Veterinary Research</i> , <b>2014</b> , 45, 55	3.8	15
60	An improved pig reference genome sequence to enable pig genetics and genomics research		15
59	A comprehensive genetic analysis of candidate genes regulating response to Trypanosoma congolense infection in mice. <i>PLoS Neglected Tropical Diseases</i> , <b>2010</b> , 4, e880	4.8	13
58	Characterization of the Interactome of the Porcine Reproductive and Respiratory Syndrome Virus Nonstructural Protein 2 Reveals the Hyper Variable Region as a Binding Platform for Association with 14-3-3 Proteins. <i>Journal of Proteome Research</i> , <b>2016</b> , 15, 1388-401	5.6	12
57	Genomic variation in macrophage-cultured European porcine reproductive and respiratory syndrome virus Olot/91 revealed using ultra-deep next generation sequencing. <i>Virology Journal</i> , <b>2014</b> , 11, 42	6.1	12
56	Detection of a quantitative trait locus associated with resistance to Ascaris suum infection in pigs. <i>International Journal for Parasitology</i> , <b>2012</b> , 42, 383-91	4.3	12
55	Functional analysis of the porcine USP18 and its role during porcine arterivirus replication. <i>Gene</i> , <b>2009</b> , 439, 35-42	3.8	12
54	Livestock genomics: bridging the gap between mice and men. <i>Trends in Biotechnology</i> , <b>2007</b> , 25, 483-9	15.1	12
53	5Sand 3SSINE-PCR allows genotyping of pig families without cloning and sequencing steps. <i>Mammalian Genome</i> , <b>1993</b> , 4, 243-6	3.2	12
52	Global Analysis of Transcription Start Sites in the New Ovine Reference Genome (). <i>Frontiers in Genetics</i> , <b>2020</b> , 11, 580580	4.5	12
51	Functional Annotation of the Transcriptome of the Pig, , Based Upon Network Analysis of an RNAseq Transcriptional Atlas. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 1355	4.5	11
50	Balancing selection at a premature stop mutation in the myostatin gene underlies a recessive leg weakness syndrome in pigs. <i>PLoS Genetics</i> , <b>2019</b> , 15, e1007759	6	10

49	Lawsonia intracellularis infection of intestinal crypt cells is associated with specific depletion of secreted MUC2 in goblet cells. <i>Veterinary Immunology and Immunopathology</i> , <b>2015</b> , 168, 61-7	2	10
48	Molecular cloning, characterization, and chromosomal assignment of porcine cationic amino acid transporter-1. <i>Genomics</i> , <b>2005</b> , 85, 352-9	4.3	10
47	Illuminating the dark side of the human transcriptome with TAMA Iso-Seq analysis		10
46	Identification and annotation of conserved promoters and macrophage-expressed genes in the pig genome. <i>BMC Genomics</i> , <b>2015</b> , 16, 970	4.5	9
45	Mapping QTL in the porcine MHC region affecting fatness and growth traits in a Meishan/Large White composite population. <i>Animal Genetics</i> , <b>2011</b> , 42, 83-5	2.5	9
44	Porcine alpha-1-antitrypsin (PI): cDNA sequence, polymorphism and assignment to chromosome 7q2.4- > q2.6. <i>Animal Genetics</i> , <b>1996</b> , 27, 85-9	2.5	9
43	Genotype and expression analysis of two inbred mouse strains and two derived congenic strains suggest that most gene expression is trans regulated and sensitive to genetic background. <i>BMC Genomics</i> , <b>2010</b> , 11, 361	4.5	9
42	Physical mapping of the murine casein locus reveals the gene order as alpha-beta-gamma-epsilon-kappa. <i>DNA and Cell Biology</i> , <b>1997</b> , 16, 477-84	3.6	9
41	The cholecystokinin type A receptor g.179A>G polymorphism affects feeding rate. <i>Animal Genetics</i> , <b>2008</b> , 39, 187-8	2.5	9
40	Assessment of SULT1A1, CYP2A6 and CYP2C18 as candidate genes for elevated backfat skatole levels in commercial and experimental pig populations. <i>Animal Genetics</i> , <b>2006</b> , 37, 521-2	2.5	9
39	Beyond the whole genome consensus: unravelling of PRRSV phylogenomics using next generation sequencing technologies. <i>Virus Research</i> , <b>2014</b> , 194, 167-74	6.4	8
38	Characterization of the porcine KIT ligand gene: expression analysis, genomic structure, polymorphism detection and association with coat colour traits. <i>Animal Genetics</i> , <b>2008</b> , 39, 217-24	2.5	8
37	Anchorage of an unassigned linkage group to pig chromosome 10 with P1 clones. <i>Mammalian Genome</i> , <b>1994</b> , 5, 646-8	3.2	8
36	Production of human $\alpha$ -antitrypsin in the milk of transgenic sheep and mice: Targeting expression of CDNA sequences to the mammary gland. <i>Animal Biotechnology</i> , <b>1991</b> , 2, 161-176	1.4	8
35	Methods of gene transfer and their potential use to modify milk composition. <i>Theriogenology</i> , <b>1990</b> , 33, 113-123	2.8	8
34	Genome-Wide Analysis in Swine Associates Corneal Graft Rejection with Donor-Recipient Mismatches in Three Novel Histocompatibility Regions and One Locus Homologous to the Mouse H-3 Locus. <i>PLoS ONE</i> , <b>2016</b> , 11, e0152155	3.7	8
33	Efficiency of genomic prediction for boar taint reduction in Danish Landrace pigs. <i>Animal Genetics</i> , <b>2015</b> , 46, 607-16	2.5	6
32	RFLP and linkage analysis of the porcine casein loci--CASAS1, CASAS2, CASB and CASK. <i>Animal Genetics</i> , <b>1994</b> , 25, 349-51	2.5	6



31	Effects of porcine reproductive and respiratory syndrome virus infection on the performance of pregnant gilts and growing pigs. <i>Animal Production Science</i> , <b>2010</b> , 50, 890	1.4	6
30	Mapping of the pig genome. <i>Current Opinion in Genetics and Development</i> , <b>1994</b> , 4, 395-400	4.9	6
29	Comprehensive Transcriptional Profiling of the Gastrointestinal Tract of Ruminants from Birth to Adulthood Reveals Strong Developmental Stage Specific Gene Expression. <i>G3: Genes, Genomes, Genetics</i> , <b>2019</b> , 9, 359-373	3.2	6
28	Combining laboratory and mathematical models to infer mechanisms underlying kinetic changes in macrophage susceptibility to an RNA virus. <i>BMC Systems Biology</i> , <b>2016</b> , 10, 101	3.5	5
27	What Can the Genetics Revolution Offer the Meat Industry?. <i>Outlook on Agriculture</i> , <b>2003</b> , 32, 219-226	2.9	5
26	Distinct functional enrichment of transcriptional signatures in pigs with high and low IFN-gamma responses after vaccination with a porcine reproductive and respiratory syndrome virus (PRRSV). <i>Veterinary Research</i> , <b>2016</b> , 47, 104	3.8	5
25	Quasispecies evolution of the prototypical genotype 1 porcine reproductive and respiratory syndrome virus early during in vivo infection is rapid and tissue specific. <i>Archives of Virology</i> , <b>2017</b> , 162, 2203-2210	2.6	4
24	A consensus linkage map for swine chromosome 7. <i>Animal Genetics</i> , <b>1997</b> , 28, 223-229	2.5	4
23	An animal model to evaluate the function and regulation of the adaptively evolving stress protein SEP53 in oesophageal bile damage responses. <i>Cell Stress and Chaperones</i> , <b>2008</b> , 13, 375-85	4	4
22	Complete Genome Sequence of a Pathogenic Genotype 1 Subtype 3 Porcine Reproductive and Respiratory Syndrome Virus (Strain SU1-Bel) from Pig Primary Tissue. <i>Genome Announcements</i> , <b>2015</b> , 3,		3
21	A PstI RFLP at the porcine orosomuroid locus (ORM). <i>Animal Genetics</i> , <b>1994</b> , 25, 285	2.5	3
20	The porcine TTR locus maps to chromosome 6q. <i>Animal Genetics</i> , <b>1996</b> , 27, 351-3	2.5	3
19	An intronic polymorphism in the porcine IRF7 gene is associated with better health and immunity of the host during Sarcocystis infection, and affects interferon signalling. <i>Animal Genetics</i> , <b>2011</b> , 42, 386-94 <sup>2.5</sup>	2.5	2
18	A new transferrin allele in sheep. <i>Animal Genetics</i> , <b>1986</b> , 17, 191-4	2.5	2
17	A new allele at the Pgd locus in pigs. <i>Animal Genetics</i> , <b>1988</b> , 19, 189-91	2.5	2
16	A TaqI RFLP at the porcine thyroid stimulating hormone beta-subunit locus (TSHB). <i>Animal Genetics</i> , <b>1992</b> , 23, 567	2.5	2
15	Livestock genetics. Fat pigs can blame their genes. <i>Current Biology</i> , <b>1994</b> , 4, 728-30	6.3	2
14	The Halothane Gene, Leanness and Stress Susceptibility in Pigs <b>2001</b> , 173-190		2

13	Global analysis of transcription start sites in the new ovine reference genome (Oar rambouillet v1.0)	2
12	A chromosome-level genome assembly for the Pacific oyster ( <i>Crassostrea gigas</i> )	2
11	Progress on the halothane gene in pig. <i>Animal Genetics</i> , <b>2009</b> , 20, 332-332	2.5 1
10	A BamHI RFLP at the locus encoding the 65-kDa regulatory subunit of porcine protein phosphatase 2A (PPP2ARB). <i>Animal Genetics</i> , <b>1992</b> , 23, 568	2.5 1
9	A porcine polymorphic microsatellite locus (S0031). <i>Animal Genetics</i> , <b>1993</b> , 24, 70	2.5 1
8	Genetic and physical mapping, expression analysis and partial sequence of porcine PER1. <i>Cytogenetic and Genome Research</i> , <b>2001</b> , 95, 82-4	1.9 1
7	Mapping the Complex Genomes of Animals and Man. <i>Outlook on Agriculture</i> , <b>1993</b> , 22, 79-84	2.9 1
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