Alan L Archibald

List of Publications by Year in Descending Order

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	Stem cell-derived porcine macrophages as a new platform for studying host-pathogen interactions.. *BMC Biology*, **2022**, 20, 14	7.3	
155	Characterisation of autophagy disruption in the ileum of pigs infected with Lawsonia intracellularis. *Veterinary Research Communications*, **2021**, 1	2.9	
154	A chromosome-level genome assembly for the Pacific oyster Crassostrea gigas. *GigaScience*, **2021**, 10,	7.6	22
153	An improved pig reference genome sequence to enable pig genetics and genomics research. *GigaScience*, **2020**, 9,	7.6	60
152	From FAANG to fork: application of highly annotated genomes to improve farmed animal production. *Genome Biology*, **2020**, 21, 285	18.3	21
151	Global Analysis of Transcription Start Sites in the New Ovine Reference Genome (). *Frontiers in Genetics*, **2020**, 11, 580580	4.5	12
150	Illuminating the dark side of the human transcriptome with long read transcript sequencing. *BMC Genomics*, **2020**, 21, 751	4.5	22
149	Whole genome analysis of water buffalo and global cattle breeds highlights convergent signatures of domestication. *Nature Communications*, **2020**, 11, 4739	17.4	19
148	Balancing selection at a premature stop mutation in the myostatin gene underlies a recessive leg weakness syndrome in pigs. *PLoS Genetics*, **2019**, 15, e1007759	6	10
147	Functional Annotation of the Transcriptome of the Pig, , Based Upon Network Analysis of an RNAseq Transcriptional Atlas. *Frontiers in Genetics*, **2019**, 10, 1355	4.5	11
146	A Gene Expression Atlas of the Domestic Water Buffalo (). *Frontiers in Genetics*, **2019**, 10, 668	4.5	18
145	Comprehensive Transcriptional Profiling of the Gastrointestinal Tract of Ruminants from Birth to Adulthood Reveals Strong Developmental Stage Specific Gene Expression. *G3: Genes, Genomes, Genetics*, **2019**, 9, 359-373	3.2	6
144	Pigs Lacking the Scavenger Receptor Cysteine-Rich Domain 5 of CD163 Are Resistant to Porcine Reproductive and Respiratory Syndrome Virus 1 Infection. *Journal of Virology*, **2018**, 92,	6.6	76
143	Livestock 2.0 - genome editing for fitter, healthier, and more productive farmed animals. *Genome Biology*, **2018**, 19, 204	18.3	65
142	Normalized long read RNA sequencing in chicken reveals transcriptome complexity similar to human. *BMC Genomics*, **2017**, 18, 323	4.5	76
141	A high resolution atlas of gene expression in the domestic sheep (Ovis aries). *PLoS Genetics*, **2017**, 13, e1006997	6	79
140	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. *PLoS Pathogens*, **2017**, 13, e1006206	7.6	187

139	Isolation of subtelomeric sequences of porcine chromosomes for translocation screening reveals errors in the pig genome assembly. *Animal Genetics*, **2017**, 48, 395-403	2.5	19
138	Quasispecies evolution of the prototypical genotype 1 porcine reproductive and respiratory syndrome virus early during in vivo infection is rapid and tissue specific. *Archives of Virology*, **2017**, 162, 2203-2210	2.6	4
137	Genome-wide SNP data unveils the globalization of domesticated pigs. *Genetics Selection Evolution*, **2017**, 49, 71	4.9	63
136	Lawsonia intracellularis exploits β-catenin/Wnt and Notch signalling pathways during infection of intestinal crypt to alter cell homeostasis and promote cell proliferation. *PLoS ONE*, **2017**, 12, e0173782	3.7	17
135	Genomic diversity and differentiation of a managed island wild boar population. *Heredity*, **2016**, 116, 60-7	3.6	28
134	GO-FAANG meeting: a Gathering On Functional Annotation of Animal Genomes. *Animal Genetics*, **2016**, 47, 528-33	2.5	37
133	Combining laboratory and mathematical models to infer mechanisms underlying kinetic changes in macrophage susceptibility to an RNA virus. *BMC Systems Biology*, **2016**, 10, 101	3.5	5
132	Genome-wide association reveals QTL for growth, bone and in vivo carcass traits as assessed by computed tomography in Scottish Blackface lambs. *Genetics Selection Evolution*, **2016**, 48, 11	4.9	40
131	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. *Journal of Proteome Research*, **2016**, 15, 1388-401	5.6	12
130	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. *PLoS ONE*, **2016**, 11, e0152155	3.7	8
129	Epithelial, metabolic and innate immunity transcriptomic signatures differentiating the rumen from other sheep and mammalian gastrointestinal tract tissues. *PeerJ*, **2016**, 4, e1762	3.1	33
128	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). *Veterinary Research*, **2016**, 47, 104	3.8	5
127	Avianbase: a community resource for bird genomics. *Genome Biology*, **2015**, 16, 21	18.3	22
126	Third Report on Chicken Genes and Chromosomes 2015. *Cytogenetic and Genome Research*, **2015**, 145, 78-179	1.9	57
125	Coordinated international action to accelerate genome-to-phenome with FAANG, the Functional Annotation of Animal Genomes project. *Genome Biology*, **2015**, 16, 57	18.3	196
124	Lawsonia intracellularis infection of intestinal crypt cells is associated with specific depletion of secreted MUC2 in goblet cells. *Veterinary Immunology and Immunopathology*, **2015**, 168, 61-7	2	10
123	Complete Genome Sequence of a Pathogenic Genotype 1 Subtype 3 Porcine Reproductive and Respiratory Syndrome Virus (Strain SU1-Bel) from Pig Primary Tissue. *Genome Announcements*, **2015**, 3,		3
122	OBITUARY Professor Stephen Bishop. *Journal of Agricultural Science*, **2015**, 153, 957-958	1	

121	Efficiency of genomic prediction for boar taint reduction in Danish Landrace pigs. *Animal Genetics*, **2015**, 46, 607-16	2.5	6
120	Identification and annotation of conserved promoters and macrophage-expressed genes in the pig genome. *BMC Genomics*, **2015**, 16, 970	4.5	9
119	Identification of Low-Confidence Regions in the Pig Reference Genome (Sscrofa10.2). *Frontiers in Genetics*, **2015**, 6, 338	4.5	24
118	Exome Sequencing: Current and Future Perspectives. *G3: Genes, Genomes, Genetics*, **2015**, 5, 1543-50	3.2	125
117	Development and validation of a high density SNP genotyping array for Atlantic salmon (Salmo salar). *BMC Genomics*, **2014**, 15, 90	4.5	153
116	Design and development of exome capture sequencing for the domestic pig (Sus scrofa). *BMC Genomics*, **2014**, 15, 550	4.5	24
115	Down-regulation of mechanisms involved in cell transport and maintenance of mucosal integrity in pigs infected with Lawsonia intracellularis. *Veterinary Research*, **2014**, 45, 55	3.8	15
114	Analysis of the genetics of boar taint reveals both single SNPs and regional effects. *BMC Genomics*, **2014**, 15, 424	4.5	20
113	Genomic variation in macrophage-cultured European porcine reproductive and respiratory syndrome virus Olot/91 revealed using ultra-deep next generation sequencing. *Virology Journal*, **2014**, 11, 42	6.1	12
112	The sheep genome illuminates biology of the rumen and lipid metabolism. *Science*, **2014**, 344, 1168-1173	33.3	294
111	Beyond the whole genome consensus: unravelling of PRRSV phylogenomics using next generation sequencing technologies. *Virus Research*, **2014**, 194, 167-74	6.4	8
110	A genome-wide linkage analysis for reproductive traits in F2 Large White Meishan cross gilts. *Animal Genetics*, **2014**, 45, 191-7	2.5	31
109	Structural and functional annotation of the porcine immunome. *BMC Genomics*, **2013**, 14, 332	4.5	128
108	The impact of breed and tissue compartment on the response of pig macrophages to lipopolysaccharide. *BMC Genomics*, **2013**, 14, 581	4.5	36
107	Signatures of diversifying selection in European pig breeds. *PLoS Genetics*, **2013**, 9, e1003453	6	131
106	Secreted phosphoprotein 1 expression in endometrium and placental tissues of hyperprolific large white and meishan gilts. *Biology of Reproduction*, **2013**, 88, 120	3.9	19
105	Genome sequencing reveals fine scale diversification and reticulation history during speciation in Sus. *Genome Biology*, **2013**, 14, R107	18.3	97
104	Comparative analysis of monocyte subsets in the pig. *Journal of Immunology*, **2013**, 190, 6389-96	5.3	71

103	Detection of a quantitative trait locus associated with resistance to Ascaris suum infection in pigs. *International Journal for Parasitology*, **2012**, 42, 383-91	4.3	12
102	USP18 restricts PRRSV growth through alteration of nuclear translocation of NF-**B** p65 and p50 in MARC-145 cells. *Virus Research*, **2012**, 169, 264-7	6.4	20
101	Analyses of pig genomes provide insight into porcine demography and evolution. *Nature*, **2012**, 491, 393-8	50.4	928
100	Development of a genetic tool for product regulation in the diverse British pig breed market. *BMC Genomics*, **2012**, 13, 580	4.5	25
99	A high density recombination map of the pig reveals a correlation between sex-specific recombination and GC content. *BMC Genomics*, **2012**, 13, 586	4.5	113
98	A gene expression atlas of the domestic pig. *BMC Biology*, **2012**, 10, 90	7.3	116
97	Pig bone marrow-derived macrophages resemble human macrophages in their response to bacterial lipopolysaccharide. *Journal of Immunology*, **2012**, 188, 3382-94	5.3	98
96	Strong signatures of selection in the domestic pig genome. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 19529-36	11.5	367
95	Evaluation of approaches for identifying population informative markers from high density SNP chips. *BMC Genetics*, **2011**, 12, 45	2.6	52
94	Mapping QTL in the porcine MHC region affecting fatness and growth traits in a Meishan/Large White composite population. *Animal Genetics*, **2011**, 42, 83-5	2.5	9
93	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. *Animal Genetics*, **2011**, 42, 386-94	2.5	2
92	Novel gene expression responses in the ovine abomasal mucosa to infection with the gastric nematode Teladorsagia circumcincta. *Veterinary Research*, **2011**, 42, 78	3.8	21
91	Characterisation of five candidate genes within the ETEC F4ab/ac candidate region in pigs. *BMC Research Notes*, **2011**, 4, 225	2.3	16
90	The future of animal production: improving productivity and sustainability. *Journal of Agricultural Science*, **2011**, 149, 9-16	1	38
89	The receptor locus for Escherichia coli F4ab/F4ac in the pig maps distal to the MUC4-LMLN region. *Mammalian Genome*, **2011**, 22, 122-9	3.2	29
88	Host inhibits replication of European porcine reproductive and respiratory syndrome virus in macrophages by altering differential regulation of type-I interferon transcriptional response. *Immunogenetics*, **2011**, 63, 437-48	3.2	26
87	Genetic and expression analysis of cattle identifies candidate genes in pathways responding to Trypanosoma congolense infection. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 9304-9	11.5	58
86	Refined candidate region specified by haplotype sharing for Escherichia coli F4ab/F4ac susceptibility alleles in pigs. *Animal Genetics*, **2010**, 41, 21-5	2.5	25

85	The sheep genome reference sequence: a work in progress. *Animal Genetics*, **2010**, 41, 449-53	2.5	128
84	A comprehensive genetic analysis of candidate genes regulating response to Trypanosoma congolense infection in mice. *PLoS Neglected Tropical Diseases*, **2010**, 4, e880	4.8	13
83	Effects of porcine reproductive and respiratory syndrome virus infection on the performance of pregnant gilts and growing pigs. *Animal Production Science*, **2010**, 50, 890	1.4	6
82	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. *BMC Genomics*, **2010**, 11, 361	4.5	9
81	Pig genome sequence--analysis and publication strategy. *BMC Genomics*, **2010**, 11, 438	4.5	116
80	Design of a high density SNP genotyping assay in the pig using SNPs identified and characterized by next generation sequencing technology. *PLoS ONE*, **2009**, 4, e6524	3.7	486
79	Comparative genomics of Toll-like receptor signalling in five species. *BMC Genomics*, **2009**, 10, 216	4.5	30
78	Progress on the halothane gene in pig. *Animal Genetics*, **2009**, 20, 332-332	2.5	1
77	Refined localization of the Escherichia coli F4ab/F4ac receptor locus on pig chromosome 13. *Animal Genetics*, **2009**, 40, 749-52	2.5	22
76	Functional analysis of the porcine USP18 and its role during porcine arterivirus replication. *Gene*, **2009**, 439, 35-42	3.8	12
75	The cholecystokinin type A receptor g.179A>G polymorphism affects feeding rate. *Animal Genetics*, **2008**, 39, 187-8	2.5	9
74	Characterization of the porcine KIT ligand gene: expression analysis, genomic structure, polymorphism detection and association with coat colour traits. *Animal Genetics*, **2008**, 39, 217-24	2.5	8
73	Quantitative trait loci for production traits in pigs: a combined analysis of two Meishan x Large White populations. *Animal Genetics*, **2008**, 39, 486-95	2.5	56
72	An animal model to evaluate the function and regulation of the adaptively evolving stress protein SEP53 in oesophageal bile damage responses. *Cell Stress and Chaperones*, **2008**, 13, 375-85	4	4
71	QTL modulating ear size and erectness in pigs. *Animal Genetics*, **2007**, 38, 222-6	2.5	27
70	Livestock genomics: bridging the gap between mice and men. *Trends in Biotechnology*, **2007**, 25, 483-9	15.1	12
69	Innate immune responses to replication of porcine reproductive and respiratory syndrome virus in isolated Swine alveolar macrophages. *Viral Immunology*, **2007**, 20, 105-18	1.7	75
68	A high utility integrated map of the pig genome. *Genome Biology*, **2007**, 8, R139	18.3	104

67	Genetic perspectives on host responses to porcine reproductive and respiratory syndrome (PRRS). *Viral Immunology*, **2007**, 20, 343-58	1.7	53
66	Identification of a single killer immunoglobulin-like receptor (KIR) gene in the porcine leukocyte receptor complex on chromosome 6q. *Immunogenetics*, **2006**, 58, 481-6	3.2	28
65	A polymorphism in the 5Suntranslated region of the porcine cholecystokinin type a receptor gene affects feed intake and growth. *Genetics*, **2006**, 174, 1555-63	4	21
64	Macrophage transcriptional responses following in vitro infection with a highly virulent African swine fever virus isolate. *Journal of Virology*, **2006**, 80, 10514-21	6.6	38
63	Genetic diversity within and between European pig breeds using microsatellite markers. *Animal Genetics*, **2006**, 37, 189-98	2.5	92
62	Genetic diversity in European pigs utilizing amplified fragment length polymorphism markers. *Animal Genetics*, **2006**, 37, 232-8	2.5	27
61	Assessment of SULT1A1, CYP2A6 and CYP2C18 as candidate genes for elevated backfat skatole levels in commercial and experimental pig populations. *Animal Genetics*, **2006**, 37, 521-2	2.5	9
60	Molecular cloning, characterization, and chromosomal assignment of porcine cationic amino acid transporter-1. *Genomics*, **2005**, 85, 352-9	4.3	10
59	Detection of quantitative trait loci for androstenone, skatole and boar taint in a cross between Large White and Meishan pigs. *Animal Genetics*, **2005**, 36, 14-22	2.5	57
58	Cloning and mapping of the porcine cytochrome-p450 2E1 gene and its association with skatole levels in the domestic pig. *Animal Genetics*, **2005**, 36, 417-22	2.5	25
57	Swine Genome Sequencing Consortium (SGSC): a strategic roadmap for sequencing the pig genome. *Comparative and Functional Genomics*, **2005**, 6, 251-5		75
56	A QTL affecting daily feed intake maps to Chromosome 2 in pigs. *Mammalian Genome*, **2005**, 16, 464-70	3.2	29
55	An assessment of European pig diversity using molecular markers: Partitioning of diversity among breeds. *Conservation Genetics*, **2005**, 6, 729-741	2.6	28
54	High-resolution comparative mapping of pig Chromosome 4, emphasizing the FAT1 region. *Mammalian Genome*, **2004**, 15, 717-31	3.2	24
53	What Can the Genetics Revolution Offer the Meat Industry?. *Outlook on Agriculture*, **2003**, 32, 219-226	2.9	5
52	A regulatory mutation in IGF2 causes a major QTL effect on muscle growth in the pig. *Nature*, **2003**, 425, 832-6	50.4	659
51	Mapping quantitative trait loci affecting female reproductive traits on porcine chromosome 8. *Biology of Reproduction*, **2003**, 68, 2172-9	3.9	74
50	Linkage and comparative mapping of the locus controlling susceptibility towards E. COLI F4ab/ac diarrhoea in pigs. *Cytogenetic and Genome Research*, **2003**, 102, 157-62	1.9	57

49	A large duplication associated with dominant white color in pigs originated by homologous recombination between LINE elements flanking KIT. *Mammalian Genome*, **2002**, 13, 569-77	3.2	103
48	No detectable association of the ESR PvuII mutation with sow productivity in a Meishan x Large White F2 population. *Animal Genetics*, **2002**, 33, 448-50	2.5	21
47	Assignment of the porcine GLUL gene to the distal end of chromosome 9q. *Animal Genetics*, **2002**, 33, 315-6	2.5	
46	Somatic cell nuclear transfer in the pig: control of pronuclear formation and integration with improved methods for activation and maintenance of pregnancy. *Biology of Reproduction*, **2002**, 66, 642-50	3.9	155
45	The porcine gonadotropin-releasing hormone receptor gene (GNRHR): Genomic organization, polymorphisms, and association with the number of corpora lutea. *Genome*, **2001**, 44, 7-12	2.4	29
44	The ARKdb: genome databases for farmed and other animals. *Nucleic Acids Research*, **2001**, 29, 106-10	20.1	50
43	Genetic and physical mapping, expression analysis and partial sequence of porcine PER1. *Cytogenetic and Genome Research*, **2001**, 95, 82-4	1.9	1
42	The porcine gonadotropin-releasing hormone receptor gene (GNRHR): genomic organization, polymorphisms, and association with the number of corpora lutea. *Genome*, **2001**, 44, 7-12	2.4	25
41	The Halothane Gene, Leanness and Stress Susceptibility in Pigs **2001**, 173-190		2
40	A large-fragment porcine genomic library resource in a BAC vector. *Mammalian Genome*, **2000**, 11, 811-4	3.2	48
39	Farm animal genome databases. *Briefings in Bioinformatics*, **2000**, 1, 151-60	13.4	21
38	Combined analyses of data from quantitative trait loci mapping studies. Chromosome 4 effects on porcine growth and fatness. *Genetics*, **2000**, 155, 1369-78	4	98
37	Physical mapping of porcine seasonality genes. *Animal Biotechnology*, **1999**, 10, 143-6	1.4	
36	Mapping of quantitative trait loci on porcine chromosome 4. *Animal Genetics*, **1998**, 29, 415-24	2.5	65
35	Physical mapping of the murine casein locus reveals the gene order as alpha-beta-gamma-epsilon-kappa. *DNA and Cell Biology*, **1997**, 16, 477-84	3.6	9
34	CpG islands of the pig. *Genome Research*, **1997**, 7, 924-31	9.7	16
33	A consensus linkage map for swine chromosome 7. *Animal Genetics*, **1997**, 28, 223-229	2.5	4
32	The porcine TTR locus maps to chromosome 6q. *Animal Genetics*, **1996**, 27, 351-3	2.5	3

31	Porcine alpha-1-antitrypsin (PI): cDNA sequence, polymorphism and assignment to chromosome 7q2.4- > q2.6. *Animal Genetics*, **1996**, 27, 85-9	2.5	9
30	Assignment of 19 porcine type I loci by somatic cell hybrid analysis detects new regions of conserved synteny between human and pig. *Mammalian Genome*, **1996**, 7, 275-9	3.2	71
29	Comparative genome organization of vertebrates. The First International Workshop on Comparative Genome Organization. *Mammalian Genome*, **1996**, 7, 717-34	3.2	125
28	CpG islands of chicken are concentrated on microchromosomes. *Nature Genetics*, **1996**, 12, 321-4	36.3	106
27	The PiGMaP consortium linkage map of the pig (Sus scrofa). *Mammalian Genome*, **1995**, 6, 157-75	3.2	402
26	A PstI RFLP at the porcine orosomucoid locus (ORM). *Animal Genetics*, **1994**, 25, 285	2.5	3
25	RFLP and linkage analysis of the porcine casein loci--CASAS1, CASAS2, CASB and CASK. *Animal Genetics*, **1994**, 25, 349-51	2.5	6
24	Anchorage of an unassigned linkage group to pig chromosome 10 with P1 clones. *Mammalian Genome*, **1994**, 5, 646-8	3.2	8
23	Livestock genetics. Fat pigs can blame their genes. *Current Biology*, **1994**, 4, 728-30	6.3	2
22	Mapping of the pig genome. *Current Opinion in Genetics and Development*, **1994**, 4, 395-400	4.9	6
21	A porcine polymorphic microsatellite locus (S0031). *Animal Genetics*, **1993**, 24, 70	2.5	1
20	Mapping the Complex Genomes of Animals and Man. *Outlook on Agriculture*, **1993**, 22, 79-84	2.9	1
19	5Sand 3SSINE-PCR allows genotyping of pig families without cloning and sequencing steps. *Mammalian Genome*, **1993**, 4, 243-6	3.2	12
18	Characterization of 24 porcine (dA-dC)n-(dT-dG)n microsatellites: genotyping of unrelated animals from four breeds and linkage studies. *Mammalian Genome*, **1993**, 4, 187-92	3.2	73
17	A TaqI RFLP at the porcine thyroid stimulating hormone beta-subunit locus (TSHB). *Animal Genetics*, **1992**, 23, 567	2.5	2
16	A BamHI RFLP at the locus encoding the 65-kDa regulatory subunit of porcine protein phosphatase 2A (PPP2ARB). *Animal Genetics*, **1992**, 23, 568	2.5	1
15	Production of pharmaceutical proteins in milk. *Experientia*, **1991**, 47, 905-12		29
14	Targeting expression to the mammary gland: intronic sequences can enhance the efficiency of gene expression in transgenic mice. *Transgenic Research*, **1991**, 1, 3-13	3.3	117

13	Production of human α1-antitrypsin in the milk of transgenic sheep and mice: Targeting expression of CDNA sequences to the mammary gland. *Animal Biotechnology*, **1991**, 2, 161-176	1.4	8
12	Cosegregation of porcine malignant hyperthermia and a probable causal mutation in the skeletal muscle ryanodine receptor gene in backcross families. *Genomics*, **1991**, 11, 744-50	4.3	123
11	Localization of the PGD and TGF beta-1 loci to pig chromosome 6q. *Animal Genetics*, **1990**, 21, 411-7	2.5	18
10	Methods of gene transfer and their potential use to modify milk composition. *Theriogenology*, **1990**, 33, 113-123	2.8	8
9	A new allele at the Pgd locus in pigs. *Animal Genetics*, **1988**, 19, 189-91	2.5	2
8	Gene Transfer into Sheep. *Nature Biotechnology*, **1988**, 6, 179-183	44.5	61
7	A new transferrin allele in sheep. *Animal Genetics*, **1986**, 17, 191-4	2.5	2
6	Complete nucleotide sequence of the murine H-2Kk gene. Comparison of three H-2K locus alleles. *Nucleic Acids Research*, **1984**, 12, 9473-87	20.1	107
5	Global analysis of transcription start sites in the new ovine reference genome (Oar rambouillet v1.0)		2
4	A chromosome-level genome assembly for the Pacific oyster (Crassostrea gigas)		2
3	Balancing selection at a premature stop mutation in the myostatin gene underlies a recessive leg weakness syndrome in pigs		1
2	An improved pig reference genome sequence to enable pig genetics and genomics research		15
1	Illuminating the dark side of the human transcriptome with TAMA Iso-Seq analysis		10