

Josep M Folch

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.

99
papers

2,403
citations

30
h-index

44
g-index

99
ext. papers

2,851
ext. citations

2.9
avg, IF

4.43
L-index

#	Paper	IF	Citations
99	Transversal gene expression panel to evaluate intestinal health in broiler chickens in different challenging conditions. <i>Scientific Reports</i> , 2021 , 11, 6315	4.9	6
98	Expression analysis of porcine miR-33a/b in liver, adipose tissue and muscle and its potential role in fatty acid metabolism. <i>PLoS ONE</i> , 2021 , 16, e0245858	3.7	
97	Porcine Digestible Peptides (PDP) in Weanling Diets Regulates the Expression of Genes Involved in Gut Barrier Function, Immune Response and Nutrient Transport in Nursery Pigs. <i>Animals</i> , 2020 , 10,	3.1	2
96	Identification of eQTLs associated with lipid metabolism in Longissimus dorsi muscle of pigs with different genetic backgrounds. <i>Scientific Reports</i> , 2020 , 10, 9845	4.9	3
95	Phytogenic actives supplemented in hyperprolific sows: effects on maternal transfer of phytogenic compounds, colostrum and milk features, performance and antioxidant status of sows and their offspring, and piglet intestinal gene expression. <i>Journal of Animal Science</i> , 2020 , 98,	0.7	11
94	Identification of strong candidate genes for backfat and intramuscular fatty acid composition in three crosses based on the Iberian pig. <i>Scientific Reports</i> , 2020 , 10, 13962	4.9	11
93	Analysis of porcine IGF2 gene expression in adipose tissue and its effect on fatty acid composition. <i>PLoS ONE</i> , 2019 , 14, e0220708	3.7	6
92	Indel detection from Whole Genome Sequencing data and association with lipid metabolism in pigs. <i>PLoS ONE</i> , 2019 , 14, e0218862	3.7	2
91	Association between the pig genome and its gut microbiota composition. <i>Scientific Reports</i> , 2019 , 9, 8794	4.9	31
90	Expression analysis of candidate genes for fatty acid composition in adipose tissue and identification of regulatory regions. <i>Scientific Reports</i> , 2018 , 8, 2045	4.9	41
89	Characterization of bacterial microbiota compositions along the intestinal tract in pigs and their interactions and functions. <i>Scientific Reports</i> , 2018 , 8, 12727	4.9	75
88	Using genome wide association studies to identify common QTL regions in three different genetic backgrounds based on Iberian pig breed. <i>PLoS ONE</i> , 2018 , 13, e0190184	3.7	8
87	Deciphering the regulation of porcine genes influencing growth, fatness and yield-related traits through genetical genomics. <i>Mammalian Genome</i> , 2017 , 28, 130-142	3.2	4
86	Integration of liver gene co-expression networks and eGWAs analyses highlighted candidate regulators implicated in lipid metabolism in pigs. <i>Scientific Reports</i> , 2017 , 7, 46539	4.9	18
85	A global analysis of CNVs in swine using whole genome sequence data and association analysis with fatty acid composition and growth traits. <i>PLoS ONE</i> , 2017 , 12, e0177014	3.7	24
84	Association of genetic variants and expression levels of porcine FABP4 and FABP5 genes. <i>Animal Genetics</i> , 2017 , 48, 660-668	2.5	4
83	Using RNA-Seq SNP data to reveal potential causal mutations related to pig production traits and RNA editing. <i>Animal Genetics</i> , 2017 , 48, 151-165	2.5	19

82	Analysis of the porcine APOA2 gene expression in liver, polymorphism identification and association with fatty acid composition traits. <i>Animal Genetics</i> , 2016 , 47, 552-9	2.5	15
81	Expression-based GWAS identifies variants, gene interactions and key regulators affecting intramuscular fatty acid content and composition in porcine meat. <i>Scientific Reports</i> , 2016 , 6, 31803	4.9	38
80	Epigenetic regulation of the ELOVL6 gene is associated with a major QTL effect on fatty acid composition in pigs. <i>Genetics Selection Evolution</i> , 2015 , 47, 20	4.9	24
79	From SNP co-association to RNA co-expression: novel insights into gene networks for intramuscular fatty acid composition in porcine. <i>BMC Genomics</i> , 2014 , 15, 232	4.5	31
78	Identification of genes regulating growth and fatness traits in pig through hypothalamic transcriptome analysis. <i>Physiological Genomics</i> , 2014 , 46, 195-206	3.6	19
77	New insight into the SSC8 genetic determination of fatty acid composition in pigs. <i>Genetics Selection Evolution</i> , 2014 , 46, 28	4.9	13
76	Differences in muscle transcriptome among pigs phenotypically extreme for fatty acid composition. <i>PLoS ONE</i> , 2014 , 9, e99720	3.7	44
75	A co-association network analysis of the genetic determination of pig conformation, growth and fatness. <i>PLoS ONE</i> , 2014 , 9, e114862	3.7	23
74	A quantitative real-time PCR method using an X-linked gene for sex typing in pigs. <i>Molecular Biotechnology</i> , 2013 , 54, 493-6	3	7
73	Analysis of porcine adipose tissue transcriptome reveals differences in de novo fatty acid synthesis in pigs with divergent muscle fatty acid composition. <i>BMC Genomics</i> , 2013 , 14, 843	4.5	58
72	Genome-wide analysis of porcine backfat and intramuscular fat fatty acid composition using high-density genotyping and expression data. <i>BMC Genomics</i> , 2013 , 14, 845	4.5	38
71	Transcriptional analysis of intramuscular fatty acid composition in the longissimus thoracis muscle of Iberian Landrace back-crossed pigs. <i>Animal Genetics</i> , 2013 , 44, 648-60	2.5	15
70	Identification of differentially expressed genes in the oviduct of two rabbit lines divergently selected for uterine capacity using suppression subtractive hybridization. <i>Animal Genetics</i> , 2013 , 44, 296-304	2.5	1
69	Disentangling two QTL on porcine chromosome 12 for backfat fatty acid composition. <i>Animal Biotechnology</i> , 2013 , 24, 168-86	1.4	8
68	Polymorphism in the ELOVL6 gene is associated with a major QTL effect on fatty acid composition in pigs. <i>PLoS ONE</i> , 2013 , 8, e53687	3.7	36
67	DAG expression: high-throughput gene expression analysis of real-time PCR data using standard curves for relative quantification. <i>PLoS ONE</i> , 2013 , 8, e80385	3.7	31
66	Transcriptional Characterization of Porcine Leptin and Leptin Receptor Genes. <i>PLoS ONE</i> , 2013 , 8, e66398	3.7	8
65	Recombination rates across porcine autosomes inferred from high-density linkage maps. <i>Animal Genetics</i> , 2012 , 43, 620-3	2.5	19

64	Evaluation of the porcine ACSL4 gene as a candidate gene for meat quality traits in pigs. <i>Animal Genetics</i> , 2012 , 43, 714-20	2.5	13
63	Joint effects of porcine leptin and leptin receptor polymorphisms on productivity and quality traits. <i>Animal Genetics</i> , 2012 , 43, 805-9	2.5	14
62	Genome-wide linkage analysis of QTL for growth and body composition employing the PorcineSNP60 BeadChip. <i>BMC Genetics</i> , 2012 , 13, 41	2.6	24
61	Liver transcriptome profile in pigs with extreme phenotypes of intramuscular fatty acid composition. <i>BMC Genomics</i> , 2012 , 13, 547	4.5	89
60	Genome-wide association study for intramuscular fatty acid composition in an Iberian \times Landrace cross. <i>Journal of Animal Science</i> , 2012 , 90, 2883-93	0.7	54
59	Survey of SSC12 Regions Affecting Fatty Acid Composition of Intramuscular Fat Using High-Density SNP Data. <i>Frontiers in Genetics</i> , 2011 , 2, 101	4.5	11
58	Building phenotype networks to improve QTL detection: a comparative analysis of fatty acid and fat traits in pigs. <i>Journal of Animal Breeding and Genetics</i> , 2011 , 128, 329-43	2.9	9
57	Nucleotide variability of the porcine SERPINA6 gene and the origin of a putative causal mutation associated with meat quality. <i>Animal Genetics</i> , 2011 , 42, 235-41	2.5	9
56	Evolutionary study of a potential selection target region in the pig. <i>Heredity</i> , 2011 , 106, 330-8	3.6	15
55	Partial short-read sequencing of a highly inbred Iberian pig and genomics inference thereof. <i>Heredity</i> , 2011 , 107, 256-64	3.6	15
54	Candidate gene analysis for reproductive traits in two lines of rabbits divergently selected for uterine capacity. <i>Journal of Animal Science</i> , 2010 , 88, 828-36	0.7	13
53	Investigation of the oviductal glycoprotein 1 (OVGP1) gene associated with embryo survival and development in the rabbit. <i>Journal of Animal Science</i> , 2010 , 88, 1597-602	0.7	7
52	Expression of progesterone receptor related to the polymorphism in the PGR gene in the rabbit reproductive tract. <i>Journal of Animal Science</i> , 2010 , 88, 421-7	0.7	10
51	Hypothalamic expression of porcine leptin receptor (LEPR), neuropeptide Y (NPY), and cocaine- and amphetamine-regulated transcript (CART) genes is influenced by LEPR genotype. <i>Mammalian Genome</i> , 2010 , 21, 583-91	3.2	33
50	Copy number variation in the porcine genome inferred from a 60 k SNP BeadChip. <i>BMC Genomics</i> , 2010 , 11, 593	4.5	86
49	Integrating Y-chromosome, mitochondrial, and autosomal data to analyze the origin of pig breeds. <i>Molecular Biology and Evolution</i> , 2009 , 26, 2061-72	8.3	89
48	Analysis of the oviductal glycoprotein 1 polymorphisms and their effects on components of litter size in rabbits. <i>Animal Genetics</i> , 2009 , 40, 756-8	2.5	8
47	A non-synonymous mutation in a conserved site of the MTTP gene is strongly associated with protein activity and fatty acid profile in pigs. <i>Animal Genetics</i> , 2009 , 40, 813-20	2.5	24

46	Evaluation of FABP2 as candidate gene for a fatty acid composition QTL in porcine chromosome 8. <i>Journal of Animal Breeding and Genetics</i> , 2009 , 126, 52-8	2.9	8
45	Nucleotide variability and linkage disequilibrium patterns at the porcine FABP5 gene. <i>Animal Genetics</i> , 2008 , 39, 468-73	2.5	12
44	Transcriptome architecture across tissues in the pig. <i>BMC Genomics</i> , 2008 , 9, 173	4.5	35
43	Identification of single-nucleotide polymorphism in the progesterone receptor gene and its association with reproductive traits in rabbits. <i>Genetics</i> , 2008 , 180, 1699-705	4	19
42	Selection in the making: a worldwide survey of haplotypic diversity around a causative mutation in porcine IGF2. <i>Genetics</i> , 2008 , 178, 1639-52	4	39
41	A quantitative trait locus genome scan for porcine muscle fiber traits reveals overdominance and epistasis. <i>Journal of Animal Science</i> , 2008 , 86, 3290-9	0.7	31
40	QTL detection on porcine chromosome 12 for fatty-acid composition and association analyses of the fatty acid synthase, gastric inhibitory polypeptide and acetyl-coenzyme A carboxylase alpha genes. <i>Animal Genetics</i> , 2007 , 38, 639-46	2.5	34
39	Rabbit oviductal glycoprotein 1 gene: genomic organization polymorphism analysis and mRNA expression. <i>Molecular Reproduction and Development</i> , 2007 , 74, 687-93	2.6	10
38	Characterization and physical mapping of the porcine CDS1 and CDS2 genes. <i>Animal Biotechnology</i> , 2007 , 18, 23-35	1.4	7
37	Unexpected high polymorphism at the FABP4 gene unveils a complex history for pig populations. <i>Genetics</i> , 2006 , 174, 2119-27	4	33
36	Assignment of Signal Transducer and Activator of Transcription 5A (STAT5A) gene to porcine chromosome 12p13-->p11 by radiation hybrid panel mapping. <i>Cytogenetic and Genome Research</i> , 2006 , 112, 342J	1.9	1
35	Assignment of the oviductal glycoprotein 1 gene (OVGP1) to porcine chromosome 4q22-->q23 by radiation hybrid panel mapping. <i>Cytogenetic and Genome Research</i> , 2006 , 114, 93C	1.9	1
34	Adipocyte fatty-acid binding protein is closely associated to the porcine FAT1 locus on chromosome 4. <i>Journal of Animal Science</i> , 2006 , 84, 2907-13	0.7	23
33	Polymorphism and chromosomal localization of the porcine signal transducer and activator of transcription 5B gene (STAT5B). <i>Journal of Animal Breeding and Genetics</i> , 2006 , 123, 284-7	2.9	3
32	Characterization of the porcine acyl-CoA synthetase long-chain 4 gene and its association with growth and meat quality traits. <i>Animal Genetics</i> , 2006 , 37, 219-24	2.5	30
31	Phylogenetic analysis of Sicilian goats reveals a new mtDNA lineage. <i>Animal Genetics</i> , 2006 , 37, 376-8	2.5	53
30	Characterization of the porcine FABP5 gene and its association with the FAT1 QTL in an Iberian by Landrace cross. <i>Animal Genetics</i> , 2006 , 37, 589-91	2.5	30
29	Expression of recombinant human follicle-stimulating hormone in the mammary gland of transgenic mice. <i>Molecular Biotechnology</i> , 2006 , 34, 37-44	3	

28	TIMP-1 as candidate gene for embryo survival in two divergent lines selected for uterine capacity in rabbits. <i>Molecular Reproduction and Development</i> , 2006 , 73, 678-84	2.6	7
27	Exclusion of the acyl CoA:diacylglycerol acyltransferase 1 gene (DGAT1) as a candidate for a fatty acid composition QTL on porcine chromosome 4. <i>Journal of Animal Breeding and Genetics</i> , 2005 , 122, 161-4	2.9	8
26	Assignment of the acyl-CoA synthetase long-chain family member 4 (ACSL4) gene to porcine chromosome X. <i>Animal Genetics</i> , 2005 , 36, 76	2.5	3
25	Assignment of the microsomal triglyceride transfer protein large subunit (MTP) gene to porcine chromosome 8. <i>Animal Genetics</i> , 2005 , 36, 354-5	2.5	5
24	Assignment of the beta-lactoglobulin (BLG) gene to porcine chromosome 1. <i>Animal Genetics</i> , 2005 , 36, 356-8	2.5	1
23	Assignment of the phospholipase Cbeta1 (PLCB1) gene to porcine chromosome 17. <i>Animal Genetics</i> , 2005 , 36, 516-7	2.5	1
22	On growth, fatness, and form: a further look at porcine chromosome 4 in an Iberian x Landrace cross. <i>Mammalian Genome</i> , 2005 , 16, 374-82	3.2	31
21	Fine mapping of porcine chromosome 6 QTL and LEPR effects on body composition in multiple generations of an Iberian by Landrace intercross. <i>Genetical Research</i> , 2005 , 85, 57-67	1.1	110
20	Polymorphisms in the goat beta-lactoglobulin gene. <i>Journal of Dairy Research</i> , 2005 , 72, 379-84	1.6	16
19	Real-time quantitative PCR-based system for determining transgene copy number in transgenic animals. <i>BioTechniques</i> , 2004 , 37, 610-3	2.5	108
18	Disruption of the mouse phospholipase C-beta1 gene in a beta-lactoglobulin transgenic line affects viability, growth, and fertility in mice. <i>Gene</i> , 2004 , 341, 279-89	3.8	20
17	A growth hormone-based phylogenetic analysis of euteleostean fishes including a representative species of the Atheriniformes Order, <i>Odontesthes argentinensis</i> . <i>Genetics and Molecular Biology</i> , 2003 , 26, 295-300	2	11
16	Detection of QTL affecting fatty acid composition in the pig. <i>Mammalian Genome</i> , 2003 , 14, 650-6	3.2	68
15	Mapping of the goat stearoyl coenzyme A desaturase gene to chromosome 26. <i>Animal Genetics</i> , 2003 , 34, 474-5	2.5	4
14	QTL mapping for growth and carcass traits in an Iberian by Landrace pig intercross: additive, dominant and epistatic effects. <i>Genetical Research</i> , 2002 , 80, 145-54	1.1	64
13	Exploring alternative models for sex-linked quantitative trait loci in outbred populations: application to an iberian x landrace pig intercross. <i>Genetics</i> , 2002 , 161, 1625-32	4	16
12	Genetic polymorphism of the caprine kappa casein gene. <i>Journal of Dairy Research</i> , 2001 , 68, 209-16	1.6	32
11	Characterization of genetic polymorphism in the goat beta-lactoglobulin gene. <i>Journal of Dairy Research</i> , 2000 , 67, 217-24	1.6	19

10	Characterisation of PCV-2 isolates from Spain, Germany and France. <i>Virus Research</i> , 2000 , 66, 65-77	6.4	146
9	Isolation, sequencing and relative quantitation by fluorescent-ratio PCR of feline beta-lactoglobulin I, II, and III cDNAs. <i>Mammalian Genome</i> , 1999 , 10, 560-4	3.2	8
8	Differential expression of bovine beta-lactoglobulin A and B promoter variants in transiently transfected HC11 cells. <i>Journal of Dairy Research</i> , 1999 , 66, 537-44	1.6	22
7	Chromatin structures of goat and sheep beta-lactoglobulin gene differ. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 252, 649-53	3.4	9
6	Expression of caprine beta-lactoglobulin in the milk of transgenic mice. <i>Transgenic Research</i> , 1997 , 6, 69-74	3.3	8
5	Characterization of a caprine beta-lactoglobulin pseudogene, identification and chromosomal localization by in situ hybridization in goat, sheep and cow. <i>Gene</i> , 1996 , 177, 87-91	3.8	21
4	Structural features of the 5Tflanking region of the caprine kappa-casein gene. <i>Journal of Dairy Science</i> , 1995 , 78, 973-7	4	15
3	Complete sequence of the caprine beta-lactoglobulin gene. <i>Journal of Dairy Science</i> , 1994 , 77, 3493-7	4	25
2	Nucleotide sequence of the goat kappa-casein cDNA. <i>Journal of Animal Science</i> , 1993 , 71, 2833	0.7	28
1	Cloning and sequencing of the cDNA encoding goat beta-lactoglobulin. <i>Journal of Animal Science</i> , 1993 , 71, 2832	0.7	12