

Katarzyna Pirkowska

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4487518/katarzyna-piorkowska-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75
papers

548
citations

13
h-index

18
g-index

86
ext. papers

718
ext. citations

2.6
avg, IF

3.84
L-index

#	Paper	IF	Citations
75	Examination of D-loop region and DBY gene as tools for identifying hybridisation in alpacas (<i>Vicugna pacos</i>) based on Polish populations. <i>Small Ruminant Research</i> , 2022 , 211, 106690	1.7	1
74	Low diversity of mitochondrial DNA in fancy pigeons (<i>Columba livia</i>) revealed by partial D-loop sequencing. <i>Animal Genetics</i> , 2021 , 52, 382	2.5	0
73	Microsatellite-Based Genetic Structure and Hybrid Detection in Alpacas Bred in Poland. <i>Animals</i> , 2021 , 11,	3.1	2
72	Hypothalamus-pituitary axis transcriptomic modification dependent on growth rate in geese (<i>Anser anser domesticus</i>). <i>Animal Genetics</i> , 2021 , 52, 834-847	2.5	
71	Use of the HRM Method in Quick Identification of FecX Mutation in Highly Prolific Olkuska Sheep. <i>Animals</i> , 2020 , 10,	3.1	1
70	Identification of Molecular Mechanisms Related to Pig Fatness at the Transcriptome and miRNAome Levels. <i>Genes</i> , 2020 , 11,	4.2	3
69	Evaluation of SCD, ACACA and FASN Mutations: Effects on Pork Quality and Other Production Traits in Pigs Selected Based on RNA-Seq Results. <i>Animals</i> , 2020 , 10,	3.1	9
68	The SSC15 QTL-Rich Region Mutations Affecting Intramuscular Fat and Production Traits in Pigs. <i>Annals of Animal Science</i> , 2020 , 20, 425-444	2	0
67	Identification of mRNA Degradome Variation Dependent on Divergent Muscle Mass in Different Pig Breeds. <i>Annals of Animal Science</i> , 2020 , 20, 1241-1256	2	
66	Identification of candidate genes and regulatory factors related to growth rate through hypothalamus transcriptome analyses in broiler chickens. <i>BMC Genomics</i> , 2020 , 21, 509	4.5	7
65	Variability of Gene Polymorphisms across Different Horse Breeds with Regard to Selection Pressure. <i>Animals</i> , 2020 , 10,	3.1	1
64	Distribution of the Warmblood Fragile Foal Syndrome Type 1 Mutation (PLOD1 c.2032G>A) in Different Horse Breeds from Europe and the United States. <i>Genes</i> , 2020 , 11,	4.2	5
63	ACTN3 genotype distribution across horses representing different utility types and breeds. <i>Molecular Biology Reports</i> , 2019 , 46, 5795-5803	2.8	3
62	The use of the SLC16A1 gene as a potential marker to predict race performance in Arabian horses. <i>BMC Genetics</i> , 2019 , 20, 73	2.6	4
61	The Pituitary Transcriptional Response Related to Feed Conversion in Pigs. <i>Genes</i> , 2019 , 10,	4.2	4
60	Genetic screening for cerebellar abiotrophy, severe combined immunodeficiency and lavender foal syndrome in Arabian horses in Poland. <i>Veterinary Journal</i> , 2019 , 248, 71-73	2.5	4
59	Association of Ghrelin Gene Polymorphisms with Fattening Traits and Feed Intake in Pig: A Preliminary Study. <i>Animals</i> , 2019 , 9,	3.1	5

58	Genetic Variability in the Loci of FABP4, PPAR α and SCD Genes of Sheep Breeds Raised for Different Purposes. <i>Annals of Animal Science</i> , 2019 , 19, 937-954	2	0
57	The expression profile of genes involved in osteoclastogenesis detected in whole blood of Arabian horses during 3 years of competing at race track. <i>Research in Veterinary Science</i> , 2019 , 123, 59-64	2.5	3
56	Sequence analysis and expression profiling of the equine ACTN3 gene during exercise in Arabian horses. <i>Gene</i> , 2019 , 685, 149-155	3.8	9
55	Detection of genetic variants between different Polish Landrace and Puławska pigs by means of RNA-seq analysis. <i>Animal Genetics</i> , 2018 , 49, 215-225	2.5	9
54	The effect of QTL-rich region polymorphisms identified by targeted DNA-seq on pig production traits. <i>Molecular Biology Reports</i> , 2018 , 45, 361-371	2.8	1
53	Deep sequencing of a QTL-rich region spanning 128-136Mbp of pig chromosome 15. <i>Gene</i> , 2018 , 647, 268-275	3.8	3
52	Transcriptomic hallmarks of bone remodelling revealed by RNA-Seq profiling in blood of Arabian horses during racing training regime. <i>Gene</i> , 2018 , 676, 256-262	3.8	3
51	Molecular characterization of the apoptosis-related SH3RF1 and SH3RF2 genes and their association with exercise performance in Arabian horses. <i>BMC Veterinary Research</i> , 2018 , 14, 237	2.7	5
50	New Polymorphic Changes in the Wnt7A Gene and Their Effect on Reproductive Traits in Pigs. <i>Annals of Animal Science</i> , 2018 , 18, 375-385	2	3
49	Screening for candidate genes related with histological microstructure, meat quality and carcass characteristic in pig based on RNA-seq data. <i>Asian-Australasian Journal of Animal Sciences</i> , 2018 , 31, 1565-1574	2.4	8
48	Genetic variability in equine GDF9 and BMP15 genes in Arabian and Thoroughbred mares. <i>Annals of Animal Science</i> , 2018 , 18, 39-52	2	1
47	Variant calling from RNA-seq data of the brain transcriptome of pigs and its application for allele-specific expression and imprinting analysis. <i>Gene</i> , 2018 , 641, 367-375	3.8	7
46	Transcriptomic Changes in Broiler Chicken Hypothalamus during Growth and Development. <i>International Journal of Genomics</i> , 2018 , 2018, 6049469	2.5	5
45	A comprehensive transcriptome analysis of skeletal muscles in two Polish pig breeds differing in fat and meat quality traits. <i>Genetics and Molecular Biology</i> , 2018 , 41, 125-136	2	16
44	Examining the Genetic Background of Porcine Muscle Growth and Development Based on Transcriptome and miRNAome Data. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	17
43	Transcriptomic gene profiling of porcine muscle tissue depending on histological properties. <i>Animal Science Journal</i> , 2017 , 88, 1178-1188	1.8	6
42	Evolution of peroxisomal trans-2-enoyl-CoA reductase (PECR) as candidate gene for meat quality. <i>Livestock Science</i> , 2017 , 201, 85-91	1.7	7
41	Exercise-induced modification of the skeletal muscle transcriptome in Arabian horses. <i>Physiological Genomics</i> , 2017 , 49, 318-326	3.6	17

40	CAPN1 gene as a potential marker for growth performance and carcass characteristics in pigs. <i>Animal Production Science</i> , 2017 , 57, 1014	1.4	1
39	Transcriptome profiling of Arabian horse blood during training regimens. <i>BMC Genetics</i> , 2017 , 18, 31	2.6	14
38	Transcript variants of a region on SSC15 rich in QTLs associated with meat quality in pigs. <i>Annals of Animal Science</i> , 2017 , 17, 703-715	2	5
37	Variation in TBX3 Gene Region in Dun Coat Color Polish Konik Horses. <i>Journal of Equine Veterinary Science</i> , 2017 , 49, 60-62	1.2	10
36	Condition of sows during reproductive activity depending on lipid metabolism gene (DGAT1) polymorphism. <i>Annals of Animal Science</i> , 2017 , 17, 717-731	2	1
35	Association of missense MTTP gene polymorphism with carcass characteristics and meat quality traits in pigs. <i>Czech Journal of Animal Science</i> , 2017 , 62, 9-14	1.1	
34	Nutritional modification of <i>SCD</i>, <i>ACACA</i> and <i>LPL</i> gene expressions in different ovine tissues. <i>Archives Animal Breeding</i> , 2017 , 60, 243-250	1.6	1
33	Changes in body weight and fatness of sows during reproductive activity depending on LEPR and MC4R genes polymorphism. <i>Livestock Science</i> , 2016 , 192, 25-32	1.7	4
32	Association of Gene Coding for Microsomal Triglyceride Transfer Protein (MTP) and Meat Texture Characteristic in Pig. <i>Annals of Animal Science</i> , 2016 , 16, 721-729	2	3
31	Analysis of polymorphisms in the equine MSTN gene in Polish populations of horse breeds. <i>Livestock Science</i> , 2016 , 187, 151-157	1.7	3
30	The Genetic Structure of Five Pig Breeds Maintained in Poland. <i>Annals of Animal Science</i> , 2016 , 16, 1019-1027	2	
29	7. Associations between Polymorphisms in the DIO3 Gene and Reproductive Traits and Carcass Performance in Pigs. <i>Annals of Animal Science</i> , 2016 , 16, 399-413	2	2
28	Genome-wide RNA-Seq analysis of breast muscles of two broiler chicken groups differing in shear force. <i>Animal Genetics</i> , 2016 , 47, 68-80	2.5	29
27	The normalisation of CAPN gene expression in M. pectoralis superficialis in broiler lines differing in growth rate and their relationship to breast muscle tenderness. <i>British Poultry Science</i> , 2015 , 56, 452-8	1.9	8
26	Polymorphisms of the membrane-associated ring finger 4, ubiquitin protein ligase gene (MARCH4) and its relationship with porcine production traits. <i>Livestock Science</i> , 2015 , 178, 18-26	1.7	7
25	Whole transcriptome analysis of the porcine muscle tissue of breeds differing in muscularity and meat quality traits. <i>Livestock Science</i> , 2015 , 182, 93-100	1.7	6
24	Evaluation of minimally invasive muscle biopsy method for genetic analysis in horse. <i>Annals of Animal Science</i> , 2015 , 15, 621-627	2	5
23	Comprehensive analysis of the whole transcriptomes from two different pig breeds using RNA-Seq method. <i>Animal Genetics</i> , 2014 , 45, 674-84	2.5	33

22	Association of a new mobile element in predicted promoter region of ATP-binding cassette transporter 12 gene (ABCA12) with pig production traits. <i>Livestock Science</i> , 2014 , 168, 38-44	1.7	7
21	Association of calpastatin gene polymorphisms and meat quality traits in pig. <i>Meat Science</i> , 2014 , 97, 143-50	6.4	13
20	New Polymorphisms in Regulatory Regions of Porcine β -Calpain Gene and Their Association with CAPN1 Transcript Abundance. <i>Annals of Animal Science</i> , 2014 , 14, 525-535	2	2
19	New Polymorphisms in Regulatory Region of CAPN3 Gene with no Effect on Gene Expression in Breast Muscle of Broiler Chickens. <i>Annals of Animal Science</i> , 2014 , 14, 511-524	2	2
18	Association between LEPR and MC4R genes polymorphisms and composition of milk from sows of dam line. <i>Molecular Biology Reports</i> , 2013 , 40, 4339-47	2.8	5
17	Association between subcutaneous and intramuscular fat content in porcine ham and loin depending on age, breed and FABP3 and LEPR genes transcript abundance. <i>Molecular Biology Reports</i> , 2013 , 40, 2301-8	2.8	14
16	The expression pattern of proteolytic enzymes of cathepsin family in two important porcine skeletal muscles. <i>Livestock Science</i> , 2013 , 157, 427-434	1.7	4
15	Effect of EGF, AREG and LIF genes polymorphisms on reproductive traits in pigs. <i>Animal Reproduction Science</i> , 2013 , 137, 88-92	2.1	11
14	Lack of the associations of the polymorphisms in IGF2, MC4R and GNAS genes with reproduction traits in pigs and imprinting analysis of IGF2 gene in ovary and cornus uteri. <i>Reproduction in Domestic Animals</i> , 2013 , 48, 562-8	1.6	6
13	Analysis of polymorphisms of cathepsin B and cystatin B impact on economically important traits in pigs raised in Poland. <i>Livestock Science</i> , 2012 , 146, 99-104	1.7	3
12	The association between polymorphisms of three cathepsins and economically important traits in pigs raised in Poland. <i>Livestock Science</i> , 2012 , 150, 316-323	1.7	6
11	Variability of mRNA abundance of leukemia inhibitory factor gene (LIF) in porcine ovary, oviduct and uterus tissues. <i>Molecular Biology Reports</i> , 2012 , 39, 7965-72	2.8	7
10	H-FABP and LEPR gene expression profile in skeletal muscles and liver during ontogenesis in various breeds of pigs. <i>Domestic Animal Endocrinology</i> , 2011 , 40, 147-54	2.3	25
9	Novel porcine housekeeping genes for real-time RT-PCR experiments normalization in adipose tissue: assessment of leptin mRNA quantity in different pig breeds. <i>Meat Science</i> , 2011 , 87, 191-5	6.4	20
8	Frequency of DLK1 c.639C>T polymorphism and the analysis of MEG3/DLK1/PEG11 cluster expression in muscle of swine raised in Poland. <i>Meat Science</i> , 2011 , 88, 627-30	6.4	3
7	The expression pattern of myogenic regulatory factors MyoD, Myf6 and Pax7 in postnatal porcine skeletal muscles. <i>Gene Expression Patterns</i> , 2011 , 11, 79-83	1.5	36
6	New polymorphisms and expression of the porcine ghrelin (GHRL) gene in different pig breeds. <i>Journal of Animal and Feed Sciences</i> , 2011 , 20, 186-199	1.5	3
5	Expression of DLK1 and MEG3 genes in porcine tissues during postnatal development. <i>Genetics and Molecular Biology</i> , 2010 , 33, 790-4	2	12

4	Association of the melanocortin-4 receptor (MC4R) with feed intake, growth, fatness and carcass composition in pigs raised in Poland. <i>Meat Science</i> , 2010 , 85, 297-301	6.4	30
3	Expression of IGFBP-3 and IGFBP-5 genes in muscles of pigs representing five different breeds. <i>Journal of Animal and Feed Sciences</i> , 2010 , 19, 554-563	1.5	3
2	A new set of endogenous reference genes for gene expression studies of porcine stomach. <i>Journal of Animal and Feed Sciences</i> , 2010 , 19, 570-576	1.5	7
1	Known mutation (A3072G) in intron 3 of the IGF2 gene is associated with growth and carcass composition in Polish pig breeds. <i>Journal of Applied Genetics</i> , 2009 , 50, 257-9	2.5	24