Roberta Davoli

List of Publications by Year
in descending order

32 papers	524 citations	840776 11 h-index	677142 22 g-index
32 all docs	32 docs citations	32 times ranked	656 citing authors

#	Article	IF	Citations
1	Describing backfat and Semimembranosus muscle fatty acid variability in heavy pigs: Analysis of nonâ€“genetic factors. Meat Science, 2022, 183, 108645.	5.5	4
2	Identification of differentially expressed genes in early-postmortem Semimembranosus muscle of Italian Large White heavy pigs divergent for glycolytic potential. Meat Science, 2022, 187, 108754.	5.5	3
3	A molecular insight into the lipid changes of pig Longissimus thoracis muscle following dietary supplementation with functional ingredients. PLoS ONE, 2022, 17, e0264953.	2.5	4
4	Genetic parameters and analysis of factors affecting variations between backfat and Semimembranosus muscle fatty acid composition in heavy pigs. Meat Science, 2022, 188, 108775.	5.5	0
5	Relationships between EUROP carcass grading and backfat fatty acid composition in Italian Large White heavy pigs. Meat Science, 2021, 171, 108291.	5.5	5
6	Weighted gene co-expression network analysis identifies molecular pathways and hub genes involved in broiler White Striping and Wooden Breast myopathies. Scientific Reports, 2021, 11, 1776.	3.3	21
7	Investigating the Features of PDO Green Hams during Salting: Insights for New Markers and Genomic Regions in Commercial Hybrid Pigs. Animals, 2021, 11, 68.	2.3	5
8	Dissecting the Gene Expression Networks Associated with Variations in the Major Components of the Fatty Acid Semimembranosus Muscle Profile in Large White Heavy Pigs. Animals, 2021, 11, 628.	2.3	8
9	Fatty acid composition of the intramuscular fat in the longissimus thoracis muscle of Apulo-Calabrese and crossbreed pigs. Livestock Science, 2020, 232, 103878.	1.6	10
10	Muscle transcriptome analysis identifies genes involved in ciliogenesis and the molecular cascade associated with intramuscular fat content in Large White heavy pigs. PLoS ONE, 2020, 15, e0233372.	2.5	25
11	Genetic parameters of muscle fatty acid profile in a purebred Large White heavy pig population. Meat Science, 2020, 163, 108057.	5.5	11
12	Association study between backfat fatty acid composition and SNPs in candidate genes highlights the effect of FASN polymorphism in large white pigs. Meat Science, 2019, 156, 75-84.	5.5	18
13	Functional analysis finds differences on the muscle transcriptome of pigs fed an n-3 PUFA-enriched diet with or without antioxidant supplementations. PLoS ONE, 2019, 14, e0212449.	2.5	6
14	Association between the splice mutation g.8283C>A of the PHKG1 gene and meat quality traits in Large White pigs. Meat Science, 2019, 148, 38-40.	5.5	7
15	Distribution and Expression of Vimentin and Desmin in Broiler Pectoralis major Affected by the Growth-Related Muscular Abnormalities. Frontiers in Physiology, 2019, 10, 1581.	2.8	27
16	Effect of diets supplemented with linseed alone or combined with vitamin E and selenium or with plant extracts, on Longissimus thoracis transcriptome in growing-finishing Italian Large White pigs. Journal of Animal Science and Biotechnology, 2018, 9, 81.	5.3	12
17	Effect of dietary polyunsaturated fatty acid and antioxidant supplementation on the transcriptional level of genes involved in lipid and energy metabolism in swine. PLoS ONE, 2018, 13, e0204869.	2.5	11
18	Association study between single nucleotide polymorphisms in porcine genes and pork quality traits for fresh consumption and processing into Italian dry-cured ham. Meat Science, 2017, 126, 73-81.	5.5	10

#	Article	IF	Citations
19	A gene and protein expression study on four porcine genes related to intramuscular fat deposition. Meat Science, 2016, 121, 27-32.	5.5	32
20	Detection of differentially expressed genes in broiler pectoralis major muscle affected by White Striping â€“ Wooden Breast myopathies. Poultry Science, 2016, 95, 2771-2785.	3.4	134
21	Comparison of expression levels of fourteen genes involved in the lipid and energy metabolism in two pig breeds. Livestock Science, 2015, 181, 156-162.	1.6	8
22	Association and expression analysis of porcine ACLY gene related to growth and carcass quality traits in Italian Large White and Italian Duroc breeds. Livestock Science, 2014, 165, 1-7.	1.6	6
23	SNPs of MYPN and TTN genes are associated to meat and carcass traits in Italian Large White and Italian Duroc pigs. Molecular Biology Reports, 2013, 40, 6927-6933.	2.3	11
24	New SNP of the porcine Perilipin 2 (PLIN2) gene, association with carcass traits and expression analysis in skeletal muscle. Molecular Biology Reports, 2011, 38, 1575-1583.	2.3	26
25	A single nucleotide polymorphism in the porcine cathepsin K (CTSK) gene is associated with back fat thickness and production traits in Italian Duroc pigs. Molecular Biology Reports, 2010, 37, 491-495.	2.3	25
26	Transcriptome analysis of skeletal muscle tissue to identify genes involved in pre-slaughter stress response in pigs. Italian Journal of Animal Science, 2009, 8, 69-71.	1.9	2
27	Skeletal muscle expression analysis of fat metabolism genes in pig. Italian Journal of Animal Science, 2009, 8, 171-173.	1.9	3
28	Molecular approaches in pig breeding to improve meat quality. Briefings in Functional Genomics & Proteomics, 2008, 6, 313-321.	3.8	59
29	Investigation of SNPs in theATP1A2, CA3andDECR1genes mapped to porcine chromosome 4: analysis in groups of pigs divergent for meat production and quality traits. Italian Journal of Animal Science, 2006, 5, 249-263.	1.9	6
30	A new approach in association study of single nucleotide polymorphism of genes for carcass and meat quality traits in commercial pigs. Italian Journal of Animal Science, 2004, 3, 177-189.	1.9	15
31	Isolation and localization of the skeletal myosin heavy chain 2X gene on pig chromosome 12q1.4-q1.5. Mammalian Genome, 1998, 9, 412-413.	2.2	6
32	Molecular Pathways and Key Genes Associated With Breast Width and Protein Content in White Striping and Wooden Breast Chicken Pectoral Muscle. Frontiers in Physiology, 0, 13, .	2.8	4