

# Monica C Ledur

## List of Publications by Year in descending order

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94  
papers

1,295  
citations

361045

20  
h-index

454577

30  
g-index

96  
all docs

96  
docs citations

96  
times ranked

1193  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping QTLs on chicken chromosome 1 for performance and carcass traits in a broiler x layer cross. <i>Animal Genetics</i> , 2006, 37, 95-100.	0.6	74
2	Genetic diversity analysis of two commercial breeds of pigs using genomic and pedigree data. <i>Genetics Selection Evolution</i> , 2016, 48, 24.	1.2	61
3	High-throughput and Cost-effective Chicken Genotyping Using Next-Generation Sequencing. <i>Scientific Reports</i> , 2016, 6, 26929.	1.6	55
4	Estimates of genetic parameters, and cluster and principal components analyses of breeding values related to egg production traits in a White Leghorn population. <i>Poultry Science</i> , 2011, 90, 2174-2188.	1.5	50
5	Quantitative trait loci associated with fatness in a broiler layer cross. <i>Animal Genetics</i> , 2009, 40, 729-736.	0.6	48
6	Quantitative trait loci for performance traits in a broiler layer cross. <i>Animal Genetics</i> , 2009, 40, 200-208.	0.6	46
7	Genome-wide characterization of genetic variants and putative regions under selection in meat and egg-type chicken lines. <i>BMC Genomics</i> , 2018, 19, 83.	1.2	39
8	Genome-wide association study for performance traits in chickens using genotype by sequencing approach. <i>Scientific Reports</i> , 2017, 7, 41748.	1.6	33
9	Association of IGF1 and KDM5A polymorphisms with performance, fatness and carcass traits in chickens. <i>Journal of Applied Genetics</i> , 2013, 54, 103-112.	1.0	32
10	Integration of genome wide association studies and whole genome sequencing provides novel insights into fat deposition in chicken. <i>Scientific Reports</i> , 2018, 8, 16222.	1.6	29
11	Variant discovery in a QTL region on chromosome 3 associated with fatness in chickens. <i>Animal Genetics</i> , 2015, 46, 141-147.	0.6	28
12	A genome-wide association study reveals novel genomic regions and positional candidate genes for fat deposition in broiler chickens. <i>BMC Genomics</i> , 2018, 19, 374.	1.2	28
13	Identification of selection signatures involved in performance traits in a paternal broiler line. <i>BMC Genomics</i> , 2019, 20, 449.	1.2	28
14	Comparison of logistic and neural network models to fit to the egg production curve of White Leghorn hens. <i>Poultry Science</i> , 2011, 90, 705-711.	1.5	27
15	Principal components analysis applied to performance and carcass traits in the chicken. <i>Animal Research</i> , 2006, 55, 419-425.	0.6	26
16	Genotypic characterization of microsatellite markers in broiler and layer selected chicken lines and their reciprocal F1s. <i>Scientia Agricola</i> , 2009, 66, 150-158.	0.6	26
17	Egg production curve fitting using nonlinear models for selected and nonselected lines of White Leghorn hens. <i>Poultry Science</i> , 2012, 91, 2977-2987.	1.5	26
18	Genetic and phenotypic parameters of carcass and organ traits of broiler chickens. <i>Genetics and Molecular Research</i> , 2014, 13, 10294-10300.	0.3	24

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19	Genetic parameters and principal component analysis for egg production from White Leghorn hens. Poultry Science, 2013, 92, 2283-2289.	1.5	23
20	Identification and association of polymorphisms in CAPN1 and CAPN3 candidate genes related to performance and meat quality traits in chickens. Genetics and Molecular Research, 2013, 12, 472-482.	0.3	23
21	Exploring the genetic architecture of feed efficiency traits in chickens. Scientific Reports, 2021, 11, 4622.	1.6	23
22	Genome-wide detection of CNVs and their association with performance traits in broilers. BMC Genomics, 2021, 22, 354.	1.2	23
23	Segmented polynomial model for estimation of egg production curves in laying hens. British Poultry Science, 1997, 38, 66-73.	0.8	21
24	Large-scale SNP genotyping in crosses between outbred lines: how useful is it?. Heredity, 2010, 105, 173-182.	1.2	21
25	SNP and INDEL detection in a QTL region on chicken chromosome 2 associated with muscle deposition. Animal Genetics, 2015, 46, 158-163.	0.6	21
26	QTL for percentage of carcass and carcass parts in a broiler x layer cross. Animal Genetics, 2011, 42, 117-124.	0.6	20
27	Quantitative differential expression of alpha and beta ryanodine receptor genes in PSE (Pale, Soft,) Tj ETQq1 1 0.784314 rgBT /Overlo Technology, 2009, 52, 1519-1525.	0.5	18
28	Genome-wide association scan for QTL and their positional candidate genes associated with internal organ traits in chickens. BMC Genomics, 2019, 20, 669.	1.2	17
29	Unraveling the associations of osteoprotegerin gene with production traits in a paternal broiler line. SpringerPlus, 2014, 3, 682.	1.2	16
30	Unravelling the genetic components involved in the immune response of pigs vaccinated against influenza virus. Virus Research, 2015, 210, 327-336.	1.1	16
31	Putative Epigenetic Biomarkers of Stress in Red Blood Cells of Chickens Reared Across Different Biomes. Frontiers in Genetics, 2020, 11, 508809.	1.1	16
32	Identification of polymorphisms associated with production traits on chicken (Gallus gallus) chromosome 4. Genetics and Molecular Research, 2015, 14, 10717-10728.	0.3	15
33	Estimation of genetic parameters for partial egg production periods by means of random regression models. Genetics and Molecular Research, 2012, 11, 1819-1829.	0.3	14
34	Quantitative trait loci associated with chemical composition of the chicken carcass. Animal Genetics, 2012, 43, 570-576.	0.6	14
35	Genomic structure of a crossbred Landrace pig population. PLoS ONE, 2019, 14, e0212266.	1.1	14
36	Genetic linkage map of chicken chromosome 1 from a Brazilian resource population. Scientia Agricola, 2005, 62, 12-17.	0.6	11

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37	Polymorphisms in FGFBP1 and FGFBP2 genes associated with carcass and meat quality traits in chickens. <i>Genetics and Molecular Research</i> , 2013, 12, 208-222.	0.3	11
38	New genes involved in the Bacterial Chondronecrosis with Osteomyelitis in commercial broilers. <i>Livestock Science</i> , 2018, 208, 33-39.	0.6	11
39	Proximal femoral head transcriptome reveals novel candidate genes related to epiphysiolysis in broiler chickens. <i>BMC Genomics</i> , 2019, 20, 1031.	1.2	11
40	Identification and characterization of microRNAs expressed in chicken skeletal muscle. <i>Genetics and Molecular Research</i> , 2014, 13, 1465-1479.	0.3	10
41	Identification of endogenous normalizing genes for expression studies in inguinal ring tissue for scrotal hernias in pigs. <i>PLoS ONE</i> , 2018, 13, e0204348.	1.1	10
42	Unraveling genomic associations with feed efficiency and body weight traits in chickens through an integrative approach. <i>BMC Genetics</i> , 2019, 20, 83.	2.7	10
43	Transcriptome analysis identifies genes involved with the development of umbilical hernias in pigs. <i>PLoS ONE</i> , 2020, 15, e0232542.	1.1	10
44	Genetic linkage maps of chicken chromosomes 6, 7, 8, 11 and 13 from a Brazilian resource population. <i>Scientia Agricola</i> , 2008, 65, 447-452.	0.6	10
45	Association of Apolipoprotein B and Adiponectin Receptor 1 Genes with Carcass, Bone Integrity and Performance Traits in a Paternal Broiler Line. <i>PLoS ONE</i> , 2015, 10, e0136824.	1.1	9
46	Association between ACTA1 candidate gene and performance, organs and carcass traits in broilers. <i>Poultry Science</i> , 2015, 94, 2863-2869.	1.5	9
47	Reference genes for proximal femoral epiphysiolysis expression studies in broilers cartilage. <i>PLoS ONE</i> , 2020, 15, e0238189.	1.1	9
48	Investigation of Leptin gene in broiler and layer chicken lines. <i>Scientia Agricola</i> , 2008, 65, 214-219.	0.6	8
49	Genetic parameters for body weight, carcass chemical composition and yield in a broiler-layer cross developed for QTL mapping. <i>Genetics and Molecular Biology</i> , 2011, 34, 429-434.	0.6	8
50	Phenotypic, genetic and environmental parameters for traits related to femur bone integrity and body weight at 42 days of age in a broiler population. <i>Poultry Science</i> , 2015, 94, 2604-2607.	1.5	8
51	Identification of Genetic Regions Associated with Scrotal Hernias in a Commercial Swine Herd. <i>Veterinary Sciences</i> , 2018, 5, 15.	0.6	8
52	Stable reference genes for expression studies in breast muscle of normal and white striping-affected chickens. <i>Molecular Biology Reports</i> , 2020, 47, 45-53.	1.0	8
53	Differential Expression of Myogenic and Calcium Signaling-Related Genes in Broilers Affected With White Striping. <i>Frontiers in Physiology</i> , 2021, 12, 712464.	1.3	8
54	Genetic effects of ageing on fertility and hatchability in the first laying cycle of three White Leghorn strains and their two-way crosses. <i>British Poultry Science</i> , 2000, 41, 552-561.	0.8	7

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55	Strategic marker selection to detect quantitative trait loci in chicken. <i>Scientia Agricola</i> , 2005, 62, 111-116.	0.6	7
56	Heritabilities and genetic correlations for reproductive traits in an F2 reciprocal cross chicken population. <i>Genetics and Molecular Research</i> , 2011, 10, 1247-1254.	0.3	7
57	Application of Enzyme Digestion and Deconjugation Followed by Quick, Easy, Cheap, Effective, Rugged, Safe Extraction and Liquid Chromatography-Tandem Mass Spectrometry Methodology To Determine Ractopamine Residue in Pork. <i>Journal of Food Protection</i> , 2018, 81, 1258-1263.	0.8	7
58	Sex Determination Using RNA-Sequencing Analyses in Early Prenatal Pig Development. <i>Genes</i> , 2019, 10, 1010.	1.0	7
59	Genome-wide association study of periweaning failure-to-thrive syndrome (PFTS) in pigs. <i>Veterinary Record</i> , 2016, 178, 653-653.	0.2	6
60	Quantitative trait loci with sex-specific effects for internal organs weights and hematocrit value in a broiler-layer cross. <i>Journal of Applied Genetics</i> , 2016, 57, 215-224.	1.0	6
61	Inguinal Ring RNA Sequencing Reveals Downregulation of Muscular Genes Related to Scrotal Hernia in Pigs. <i>Genes</i> , 2020, 11, 117.	1.0	6
62	Genes and SNPs Involved with Scrotal and Umbilical Hernia in Pigs. <i>Genes</i> , 2021, 12, 166.	1.0	5
63	Parâmetros genéticos para caracteres de sãmen de aves White Leghorn.: 1. Herdabilidades e correlações. <i>Revista Brasileira De Zootecnia</i> , 2000, 29, 1320-1326.	0.3	4
64	Data modeling as a main source of discrepancies in single and multiple marker association methods. <i>BMC Proceedings</i> , 2009, 3, S9.	1.8	4
65	Mapping quantitative trait loci in <i>Gallus gallus</i> using principal components. <i>Revista Brasileira De Zootecnia</i> , 2010, 39, 2434-2441.	0.3	4
66	Genetic parameters and mapping quantitative trait loci associated with tibia traits in broilers. <i>Genetics and Molecular Research</i> , 2015, 14, 17544-17554.	0.3	4
67	RNA-seq reveals downregulated osteochondral genes potentially related to tibia bacterial chondronecrosis with osteomyelitis in broilers. <i>BMC Genetics</i> , 2020, 21, 58.	2.7	4
68	l-Arginine supplementation of gilts during early gestation modulates energy sensitive pathways in pig conceptuses. <i>Molecular Reproduction and Development</i> , 2020, 87, 819-834.	1.0	4
69	A Missense Mutation in the MYBPH Gene Is Associated With Abdominal Fat Traits in Meat-Type Chickens. <i>Frontiers in Genetics</i> , 2021, 12, 698163.	1.1	4
70	Differentially expressed genes in the femur cartilage transcriptome clarify the understanding of femoral head separation in chickens. <i>Scientific Reports</i> , 2021, 11, 17965.	1.6	4
71	Genetic parameters for performance and carcass traits in a paternal 1 lineage of broiler. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20180697.	0.3	4
72	Precision of distances and ordering of microsatellite markers in consensus linkage maps of chromosomes 1, 3 and 4 from two reciprocal chicken populations using bootstrap sampling. <i>Genetics and Molecular Research</i> , 2010, 9, 1357-1376.	0.3	4

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73	Contributions and perspectives of chicken genomics in Brazil: from biological model to export commodity. <i>World's Poultry Science Journal</i> , 2007, 63, 597-610.	1.4	3
74	Estimates of genetic parameters and cluster analyses for carcass and meat quality traits in birds. <i>Pesquisa Agropecuaria Brasileira</i> , 2017, 52, 205-213.	0.9	3
75	Transcription Landscape of the Early Developmental Biology in Pigs. <i>Animals</i> , 2021, 11, 1443.	1.0	3
76	A joint analysis using exome and transcriptome data identifies candidate polymorphisms and genes involved with umbilical hernia in pigs. <i>BMC Genomics</i> , 2021, 22, 818.	1.2	3
77	Upregulated genes in articular cartilage may help to counteract femoral head separation in broilers with 21 days of age. <i>Research in Veterinary Science</i> , 2022, 147, 92-95.	0.9	3
78	Mudanças genéticas em linhas puras de frango de corte. <i>Pesquisa Agropecuaria Brasileira</i> , 1999, 34, 623-627.	0.9	2
79	Genetic parameter estimates and principal component analysis on performance and carcass traits of a terminal pig sire line. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 2014, 64, 137-144.	0.2	2
80	Parâmetros genéticos e efeitos de sexo e cruzamento recíproco sobre características de interesse econômico em aves F2. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2016, 68, 716-724.	0.1	2
81	Genetic variation of the bronze locus (MC1R) in turkeys from Southern Brazil. <i>Genetics and Molecular Biology</i> , 2017, 40, 104-108.	0.6	2
82	Regiões genômicas associadas a características de desempenho e carcaça no cromossomo 5 de linhagens Brasileiras de galinha. <i>Pesquisa Agropecuaria Brasileira</i> , 2011, 46, 229-238.	0.9	2
83	Composite interval mapping and mixed models reveal QTL associated with performance and carcass traits on chicken chromosomes 1, 3, and 4. <i>Journal of Applied Genetics</i> , 2014, 55, 97-103.	1.0	1
84	SAP30 Gene Is a Probable Regulator of Muscle Hypertrophy in Chickens. <i>Frontiers in Genetics</i> , 2021, 12, 709937.	1.1	1
85	ESTs and putative line-specific (broiler and layer) SNPs identified in genes expressed in <i>Gallus gallus</i> pituitary and hypothalamus. <i>Genetics and Molecular Biology</i> , 2007, 30, 1077-1081.	0.6	1
86	Replacement of corn and soybean meal with corn gluten meal on rooster's diet. <i>Turkish Journal of Veterinary and Animal Sciences</i> , 2020, 44, 798-804.	0.2	1
87	Improving skeletal structure in meat-type chickens given fast weight gain and large breast yield through genetic selection.. <i>CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources</i> , 0, , 1-9.	0.6	1
88	Comprehensive Analyses of Bone and Cartilage Transcriptomes Evince Ion Transport, Inflammation and Cartilage Development-Related Genes Involved in Chickens' Femoral Head Separation. <i>Animals</i> , 2022, 12, 788.	1.0	1
89	Comparison of iterated single-step and Bayesian regressions on genomic evaluations for age at 100 kg in swine1. <i>Journal of Animal Science</i> , 2015, 93, 4675-4683.	0.2	0
90	Reduced-rank estimation of genetic parameters for egg production traits and cluster analyses with predicted breeding values. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 2018, 68, 81-86.	0.2	0

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91	60 Re-ranking of estimated breeding values using different panel densities with ssGBLUP in broiler chickens. <i>Journal of Animal Science</i> , 2019, 97, 36-37.	0.2	0
92	A dinâmica do resíduo de ractopamina na produção de suínos: farinha de carne e ossos, tecidos e urina. , 2021, , 55-70.		0
93	Innate immunity in chicken lines developed by EMBRAPA Suínos e Aves: antimicrobial activity of macrophages and serum. <i>Revista Brasileira De Zootecnia</i> , 2021, 50, .	0.3	0
94	Chicken skeletal muscle-associated macroarray for gene discovery. <i>Genetics and Molecular Research</i> , 2010, 9, 188-207.	0.3	0