

Filippo Miglior

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.

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|-------------------|-------------------------|----------------|-----------------|
| 69 papers | 1,298 citations | 20 h-index | 33 g-index |
| 71 ext. papers | 1,760 ext. citations | 3.3 avg, IF | 4.65 L-index |

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 69 | Genome-wide association study between copy number variants and hoof health traits in Holstein dairy cattle. <i>Journal of Dairy Science</i> , 2021 , 104, 8050-8061 | 4 | 2 |
| 68 | Identification of functional candidate variants and genes for feed efficiency in Holstein and Jersey cattle breeds using RNA-sequencing. <i>Journal of Dairy Science</i> , 2021 , 104, 1928-1950 | 4 | 6 |
| 67 | Associations between feed efficiency and aspects of lactation curves in primiparous Holstein dairy cattle. <i>Journal of Dairy Science</i> , 2021 , 104, 9304-9315 | 4 | 2 |
| 66 | Breeding for reduced methane emission and feed-efficient Holstein cows: An international response. <i>Journal of Dairy Science</i> , 2021 , 104, 8983-9001 | 4 | 5 |
| 65 | Identification of unique ROH regions with unfavorable effects on production and fertility traits in Canadian Holsteins. <i>Genetics Selection Evolution</i> , 2021 , 53, 68 | 4.9 | 5 |
| 64 | The potential for mitigation of methane emissions in ruminants through the application of metagenomics, metabolomics, and other -OMICS technologies. <i>Journal of Animal Science</i> , 2021 , 99, | 0.7 | 1 |
| 63 | High confidence copy number variants identified in Holstein dairy cattle from whole genome sequence and genotype array data. <i>Scientific Reports</i> , 2020 , 10, 8044 | 4.9 | 6 |
| 62 | Genetic mechanisms underlying feed utilization and implementation of genomic selection for improved feed efficiency in dairy cattle. <i>Canadian Journal of Animal Science</i> , 2020 , 100, 587-604 | 0.9 | 7 |
| 61 | Cholesterol deficiency haplotype frequency and its impact on milk production and milk cholesterol content in Canadian Holstein cows. <i>Canadian Journal of Animal Science</i> , 2020 , 100, 786-791 | 0.9 | 1 |
| 60 | Symposium review: Multiple-trait single-step genomic evaluation for hoof health. <i>Journal of Dairy Science</i> , 2020 , 103, 5346-5353 | 4 | 4 |
| 59 | Genomic analyses for predicted milk fatty acid composition throughout lactation in North American Holstein cattle. <i>Journal of Dairy Science</i> , 2020 , 103, 6318-6331 | 4 | 6 |
| 58 | Targeted genotyping to identify potential functional variants associated with cholesterol content in bovine milk. <i>Animal Genetics</i> , 2020 , 51, 200-209 | 2.5 | 5 |
| 57 | Effect of genomic selection on rate of inbreeding and coancestry and effective population size of Holstein and Jersey cattle populations. <i>Journal of Dairy Science</i> , 2020 , 103, 5183-5199 | 4 | 27 |
| 56 | Estimation of genetic parameters for mid-infrared-predicted lactoferrin and milk fat globule size in Holstein cattle. <i>Journal of Dairy Science</i> , 2020 , 103, 2487-2497 | 4 | 2 |
| 55 | Introduction: ADSA and Interbull Joint Breeding and Genetics Symposia. <i>Journal of Dairy Science</i> , 2020 , 103, 5275-5277 | 4 | |
| 54 | The dynamic behavior of feed efficiency in primiparous dairy cattle. <i>Journal of Dairy Science</i> , 2020 , 103, 1528-1540 | 4 | 12 |
| 53 | Short communication: Time-dependent genetic parameters and single-step genome-wide association analyses for predicted milk fatty acid composition in Ayrshire and Jersey dairy cattle. <i>Journal of Dairy Science</i> , 2020 , 103, 5263-5269 | 4 | 5 |

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| 52 | Effect of recent and ancient inbreeding on production and fertility traits in Canadian Holsteins. <i>BMC Genomics</i> , 2020 , 21, 605 | 4.5 | 15 |
| 51 | Association of genetic polymorphisms related to Johne's disease with estimated breeding values of Holstein sires for milk ELISA test scores. <i>BMC Veterinary Research</i> , 2020 , 16, 165 | 2.7 | 2 |
| 50 | A targeted genotyping approach to enhance the identification of variants for lactation persistency in dairy cows. <i>Journal of Animal Science</i> , 2019 , 97, 4066-4075 | 0.7 | 2 |
| 49 | Optimizing Selection of the Reference Population for Genotype Imputation From Array to Sequence Variants. <i>Frontiers in Genetics</i> , 2019 , 10, 510 | 4.5 | 9 |
| 48 | Estimating the effect of the deleterious recessive haplotypes AH1 and AH2 on reproduction performance of Ayrshire cattle. <i>Journal of Dairy Science</i> , 2019 , 102, 5315-5322 | 4 | 8 |
| 47 | Implementation of Bayesian methods to identify SNP and haplotype regions with transmission ratio distortion across the whole genome: TRDscan v.1.0. <i>Journal of Dairy Science</i> , 2019 , 102, 3175-3188 | 4 | 7 |
| 46 | Use of a single-step approach for integrating foreign information into national genomic evaluation in Holstein cattle. <i>Journal of Dairy Science</i> , 2019 , 102, 8175-8183 | 4 | 5 |
| 45 | Genetic mechanisms regulating the host response during mastitis. <i>Journal of Dairy Science</i> , 2019 , 102, 9043-9059 | 4 | 13 |
| 44 | Genome-Wide Association Study for Milk Fatty Acids in Holstein Cattle Accounting for the Gene Effect. <i>Animals</i> , 2019 , 9, | 3.1 | 9 |
| 43 | A landscape of the heritability of Fourier-transform infrared spectral wavelengths of milk samples by parity and lactation stage in Holstein cows. <i>Journal of Dairy Science</i> , 2019 , 102, 1354-1363 | 4 | 10 |
| 42 | Genetics and genomics of reproductive disorders in Canadian Holstein cattle. <i>Journal of Dairy Science</i> , 2019 , 102, 1341-1353 | 4 | 18 |
| 41 | Genetic correlations of mid-infrared-predicted milk fatty acid groups with milk production traits. <i>Journal of Dairy Science</i> , 2018 , 101, 4295-4306 | 4 | 12 |
| 40 | Candidate gene association analyses for ketosis resistance in Holsteins. <i>Journal of Dairy Science</i> , 2018 , 101, 5240-5249 | 4 | 8 |
| 39 | Genome-wide association study and in silico functional analysis of the number of embryos produced by Holstein donors. <i>Journal of Dairy Science</i> , 2018 , 101, 7248-7257 | 4 | 11 |
| 38 | Genetic mechanisms underlying spermatogenic and testicular traits within and among cattle breeds: systematic review and prioritization of GWAS results. <i>Journal of Animal Science</i> , 2018 , 96, 4978-4999 | 0.7 | 10 |
| 37 | Genetic analysis of subclinical mastitis in early lactation of heifers using both linear and threshold models. <i>Journal of Dairy Science</i> , 2018 , 101, 11120-11131 | 4 | 4 |
| 36 | Combining multi-OMICS information to identify key-regulator genes for pleiotropic effect on fertility and production traits in beef cattle. <i>PLoS ONE</i> , 2018 , 13, e0205295 | 3.7 | 22 |
| 35 | Genome wide association study identifies novel potential candidate genes for bovine milk cholesterol content. <i>Scientific Reports</i> , 2018 , 8, 13239 | 4.9 | 17 |

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| 34 | The genetic architecture of milk ELISA scores as an indicator of Johne's disease (paratuberculosis) in dairy cattle. <i>Journal of Dairy Science</i> , 2018 , 101, 10062-10075 | 4 | 12 |
| 33 | Genetic parameters of milk cholesterol content in Holstein cattle. <i>Canadian Journal of Animal Science</i> , 2018 , 98, 714-722 | 0.9 | 8 |
| 32 | Comparison of genomic predictions for lowly heritable traits using multi-step and single-step genomic best linear unbiased predictor in Holstein cattle. <i>Journal of Dairy Science</i> , 2018 , 101, 8076-8086 | 4 | 16 |
| 31 | Variation in fat globule size in bovine milk and its prediction using mid-infrared spectroscopy. <i>Journal of Dairy Science</i> , 2017 , 100, 1640-1649 | 4 | 20 |
| 30 | Genetic parameters for hoof health traits estimated with linear and threshold models using alternative cohorts. <i>Journal of Dairy Science</i> , 2017 , 100, 2828-2836 | 4 | 17 |
| 29 | Prediction of milk fatty acid content with mid-infrared spectroscopy in Canadian dairy cattle using differently distributed model development sets. <i>Journal of Dairy Science</i> , 2017 , 100, 5073-5081 | 4 | 24 |
| 28 | Genetic analysis of groups of mid-infrared predicted fatty acids in milk. <i>Journal of Dairy Science</i> , 2017 , 100, 4731-4744 | 4 | 21 |
| 27 | Heritabilities of measured and mid-infrared predicted milk fat globule size, milk fat and protein percentages, and their genetic correlations. <i>Journal of Dairy Science</i> , 2017 , 100, 3735-3741 | 4 | 4 |
| 26 | Genetic analysis for quality of frozen embryos produced by Holstein cattle donors in Canada. <i>Journal of Dairy Science</i> , 2017 , 100, 7320-7329 | 4 | 4 |
| 25 | A 100-Year Review: Identification and genetic selection of economically important traits in dairy cattle. <i>Journal of Dairy Science</i> , 2017 , 100, 10251-10271 | 4 | 154 |
| 24 | Genotype \times environment interaction for fertility and milk yield traits in Canadian, Mexican and US Holstein cattle. <i>Spanish Journal of Agricultural Research</i> , 2017 , 15, e0402 | 1.1 | 5 |
| 23 | Short communication: Genetic correlations between number of embryos produced using in vivo and in vitro techniques in heifer and cow donors. <i>Journal of Dairy Science</i> , 2016 , 99, 8222-8226 | 4 | 5 |
| 22 | Genetic analysis of superovulatory response of Holstein cows in Canada. <i>Journal of Dairy Science</i> , 2016 , 99, 3612-3623 | 4 | 23 |
| 21 | Genetic and phenotypic associations of milk β -hydroxybutyrate with ketosis in Canadian Holsteins. <i>Canadian Journal of Animal Science</i> , 2016 , 96, 302-305 | 0.9 | 5 |
| 20 | A genome-wide association study of immune response traits in Canadian Holstein cattle. <i>BMC Genomics</i> , 2014 , 15, 559 | 4.5 | 49 |
| 19 | Genetic relationships of clinical mastitis, cystic ovaries, and lameness with milk yield and somatic cell score in first-lactation Canadian Holsteins. <i>Journal of Dairy Science</i> , 2014 , 97, 5806-13 | 4 | 27 |
| 18 | Genetic analysis of milk β -hydroxybutyrate and its association with fat-to-protein ratio, body condition score, clinical ketosis, and displaced abomasum in early first lactation of Canadian Holsteins. <i>Journal of Dairy Science</i> , 2014 , 97, 7286-92 | 4 | 40 |
| 17 | Bovine mastitis: frontiers in immunogenetics. <i>Frontiers in Immunology</i> , 2014 , 5, 493 | 8.4 | 102 |

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| 16 | Genetic associations of ketosis and displaced abomasum with milk production traits in early first lactation of Canadian Holsteins. <i>Journal of Dairy Science</i> , 2013 , 96, 4688-96 | 4 | 31 |
| 15 | Phenotypic and genetic parameters of antibody and delayed-type hypersensitivity responses of lactating Holstein cows. <i>Veterinary Immunology and Immunopathology</i> , 2013 , 154, 83-92 | 2 | 17 |
| 14 | Incidence rates of clinical mastitis among Canadian Holsteins classified as high, average, or low immune responders. <i>Vaccine Journal</i> , 2013 , 20, 106-12 | | 38 |
| 13 | Analyses of genetic diversity in five Canadian dairy breeds using pedigree data. <i>Journal of Animal Breeding and Genetics</i> , 2013 , 130, 476-86 | 2.9 | 17 |
| 12 | Alternative somatic cell count traits to improve mastitis resistance in Canadian Holsteins. <i>Journal of Dairy Science</i> , 2012 , 95, 432-9 | 4 | 43 |
| 11 | Health recording in Canadian Holsteins: data and genetic parameters. <i>Journal of Dairy Science</i> , 2012 , 95, 4099-108 | 4 | 58 |
| 10 | Short communication: Genetic parameters for mastitis and its predictors in Canadian Holsteins. <i>Journal of Dairy Science</i> , 2012 , 95, 7363-6 | 4 | 15 |
| 9 | Short Communication: Genetic association of body condition score with disease resistance in first lactation Canadian Holsteins. <i>Canadian Journal of Animal Science</i> , 2012 , 92, 285-289 | 0.9 | 8 |
| 8 | Rates of inbreeding and genetic diversity in Canadian Holstein and Jersey cattle. <i>Journal of Dairy Science</i> , 2011 , 94, 5160-75 | 4 | 58 |
| 7 | Comparison of parametric, orthogonal, and spline functions to model individual lactation curves for milk yield in Canadian Holsteins. <i>Italian Journal of Animal Science</i> , 2010 , 9, e87 | 2.2 | 5 |
| 6 | Detection of QTL for milk protein percentage in Italian Friesian cattle by AFLP markers and selective genotyping. <i>Journal of Dairy Research</i> , 2008 , 75, 430-8 | 1.6 | 4 |
| 5 | Inbreeding of Canadian Holstein Cattle. <i>Journal of Dairy Science</i> , 1995 , 78, 1163-1167 | 4 | 28 |
| 4 | Nonadditive genetic effects and inbreeding depression for somatic cell counts of Holstein cattle. <i>Journal of Dairy Science</i> , 1995 , 78, 1168-73 | 4 | 33 |
| 3 | Production traits of Holstein cattle: estimation of nonadditive genetic variance components and inbreeding depression. <i>Journal of Dairy Science</i> , 1995 , 78, 1174-80 | 4 | 45 |
| 2 | Genetic parameter estimates of conformation and performance traits in station-tested Limousin bulls. <i>Canadian Journal of Animal Science</i> , 1994 , 74, 379-381 | 0.9 | 6 |
| 1 | Analysis of levels of inbreeding and inbreeding depression in Jersey cattle. <i>Journal of Dairy Science</i> , 1992 , 75, 1112-8 | 4 | 53 |