

Curriculum vitae

Paolo Moroni

Education

DVM, University of Milano

1993

PhD, University of Sassari

1998

Evaluation of dynamics of some immunitary parameters in Sardinia sheep in relation to udder sanitary state

Specialty Certification

Diplomate at European College of Bovine Health Management

2007-current

Professional Experience

1993 – 1994	Veterinary practitioner
1995 – 1995	Fellowship at Istituto Zooprofilattico Sperimentale delle Venezie, Verona, Italy (dr. Gaddo Vicenzoni)
1995 – 1996	Fellowship at Bundesanstalt für Milchforschung, Kiel, Germany (prof. Hamann)
1996	Fellowship at Zentrumsabteilung für Hygiene und Technologie der Milch, Tierärztliche Hochschule, Hannover, Germany (prof. Hamann)
1998-2001	Researcher, Institute of Infectious Diseases, Prophylaxy and Veterinary Legislation, Faculty of Veterinary Medicine, Università degli Studi of Milano, Italy
2001-2011	Senior Researcher, Institute of Infectious Diseases, Prophylaxy and Veterinary Legislation, Faculty of Veterinary Medicine, Università degli Studi of Milano, Italy),
2011-2021	Associate Professor, Institute of Infectious Diseases, Prophylaxy and Veterinary Legislation, Faculty of Veterinary Medicine, Università degli Studi of Milano, Italy)
2010- 2013	Associate Director, Sr. Research Associate QMPS Ithaca, College of Veterinary Medicine, Cornell University, Ithaca, NY
2011- 2023	Director of Regional Ithaca Laboratory QMPS, College of Veterinary Medicine, Cornell University, Ithaca, NY
2021-2023	Professor in Practice at Cornell University

2021-

Full Professor at University of Milano Italy

Summary

Paolo Moroni obtained his DVM dissertation in 1993 at University of Milano, Italy for his work "Investigation on the mastitis and correlations with intramammary infections and dry therapy". In 1994 he spent 6 months in Institut für Hygiene of Kiel, Germany and in 1998 followed the PhD "Dynamics of some immunitary parameters in sheep milk and correlations with intramammary infections" and in the same year he became research at the School of Veterinary Medicine at the University of Milan. Diplomate to European College of Bovine Health Management (ECBHM) from 2007.

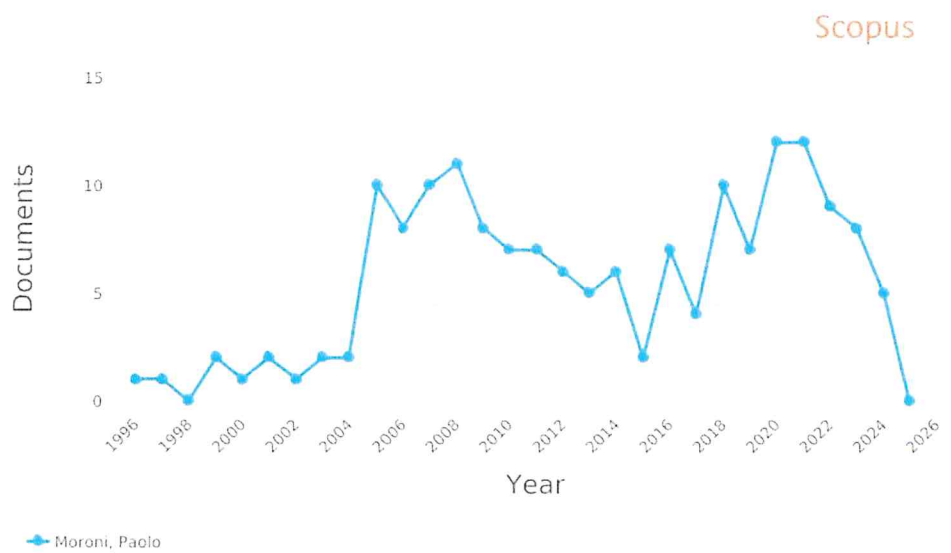
In 2010 he moved to CORNELL University and he was a Director of QMPS Ithaca until 2013 when he retired. Actually is a Full Professor at University of Milano. He believes that a strong connection between the field and the laboratory practices (bacteriology and molecular testing) are the best opportunity for developing both effective preventative programs and treatments or vaccination schemes for the practitioner and the farmer. He therefore strongly encourages to keep this cooperation active and working in order not to lose track of the real status of dairy cattle farming situation and also increase the relationship with the practitioners

Scopus profile (update 07.07.24)

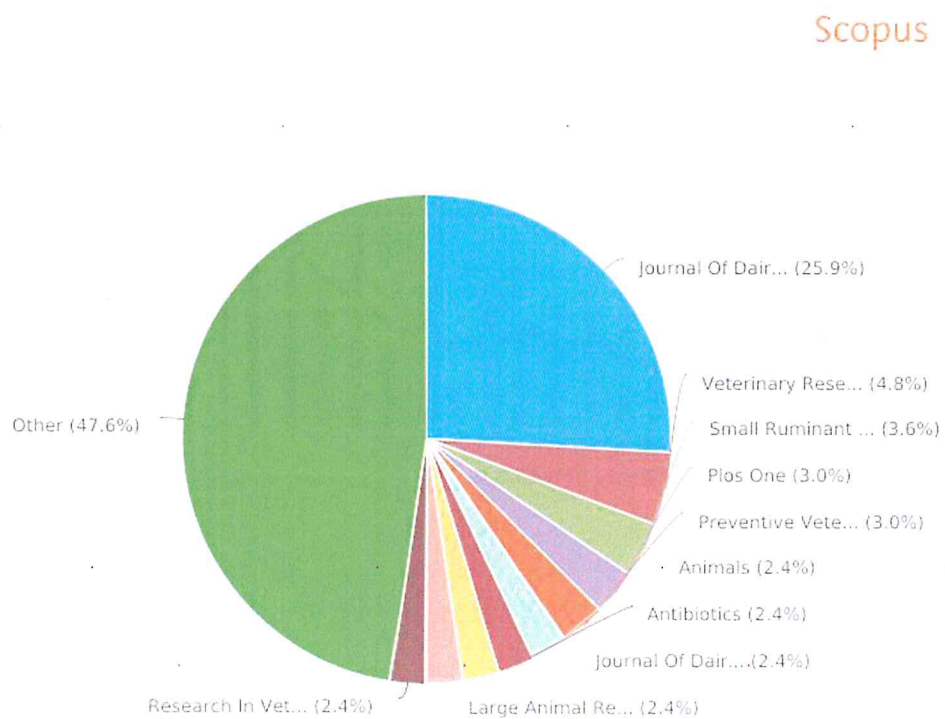
- Documents by author: 166
- Citations by 3532 documents: 4447
- h-index: 38

<https://www.scopus.com/authid/detail.uri?authorId=7006912570>

ORCID: orcid.org/0000-0002-0974-308



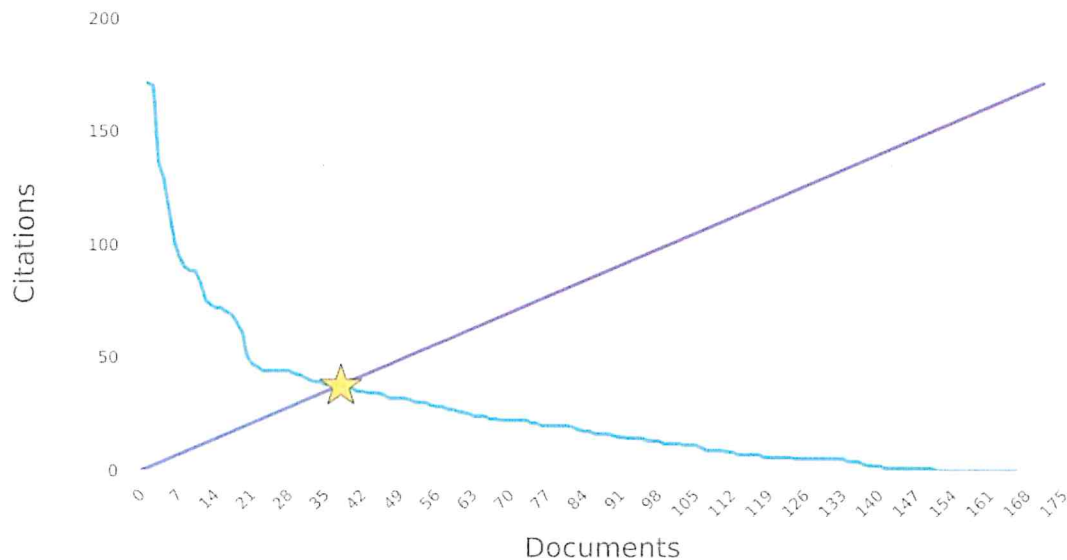
Copyright © 2024 Elsevier B.V. All rights reserved. Scopus® is a registered trademark of Elsevier B.V.



Copyright © 2024 Elsevier B.V. All rights reserved. Scopus® is a registered trademark of Elsevier B.V.

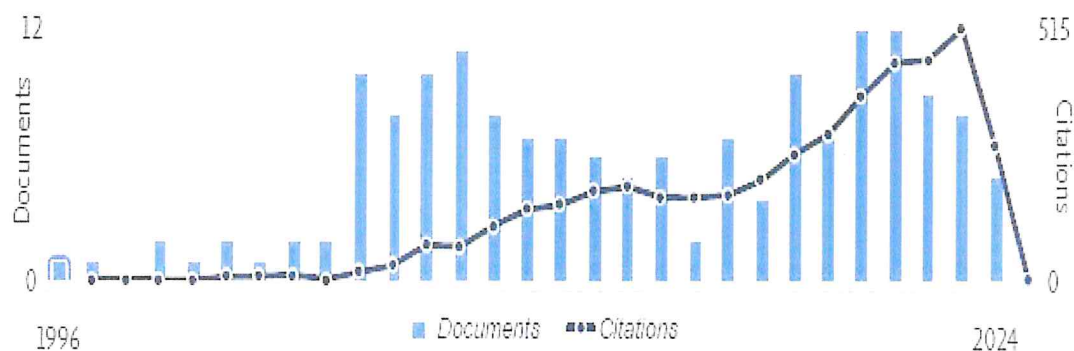
The h-index is based upon the number of documents and number of citations.

Scopus



Copyright © 2024 Elsevier B.V. All rights reserved. Scopus® is a registered trademark of Elsevier B.V.

Document & citation trends



List of Peer Review 2024-2022

- 1: Riva F, Latorre AA, Moroni P. Editorial: Ruminant mastitis: A 360° view. *Front Vet Sci.* 2022 Oct 27;9:1055323. doi: 10.3389/fvets.2022.1055323. PMID: 36387386; PMCID: PMC9647156.
- 2: Larsen J, Raisen CL, Ba X, Sadgrove NJ, Padilla-González GF, Simmonds MSJ, Loncaric I, Kerschner H, Apfalter P, Hartl R, Deplano A, Vandendriessche S, Černá Bolfíková B, Hulva P, Arendrup MC, Hare RK, Barnadas C, Stegger M, Sieber RN, Skov RL, Petersen A, Angen Ø,

Rasmussen SL, Espinosa-Gongora C, Aarestrup FM, Lindholm LJ, Nykäsenoja SM, Laurent F, Becker K, Walther B, Kehrenberg C, Cuny C, Layer F, Werner G, Witte W, Stamm I, Moroni P, Jørgensen HJ, de Lencastre H, Cercenado E, García-Garrote F, Börjesson S, Hæggman S, Perreten V, Teale CJ, Waller AS, Pichon B, Curran MD, Ellington MJ, Welch JJ, Peacock SJ, Seilly DJ, Morgan FJE, Parkhill J, Hadjirin NF, Lindsay JA, Holden MTG, Edwards GF, Foster G, Paterson GK, Didelot X, Holmes MA, Harrison EM, Larsen AR. Emergence of methicillin resistance predates the clinical use of antibiotics. *Nature*. 2022 Feb;602(7895):135-141. doi: 10.1038/s41586-021-04265-w. Epub 2022 Jan 5. PMID: 34987223; PMCID: PMC8810379.

3: Kurban D, Roy JP, Kabera F, Fréchette A, Um MM, Albaaj A, Rowe S, Godden S, Adkins PRF, Middleton JR, Gauthier ML, Keefe GP, DeVries TJ, Kelton DF, Moroni P, Veiga Dos Santos M, Barkema HW, Dufour S. Diagnosing Intramammary Infection: Meta-Analysis and Mapping Review on Frequency and Udder Health Relevance of Microorganism Species Isolated from Bovine Milk Samples. *Animals (Basel)*. 2022 Nov 25;12(23):3288. doi: 10.3390/ani12233288. PMID: 36496808; PMCID: PMC9738497.

4: Preine F, Herrera D, Scherpenzeel C, Kalmus P, McCoy F, Smulski S, Rajala-Schultz P, Schmenger A, Moroni P, Krömker V. Different European Perspectives on the Treatment of Clinical Mastitis in Lactation. *Antibiotics (Basel)*. 2022 Aug 16;11(8):1107. doi: 10.3390/antibiotics11081107. PMID: 36009976; PMCID: PMC9404852.

5: Addis MF, Pisanu S, Monistero V, Gazzola A, Penati M, Filipe J, Di Mauro S, Cremonesi P, Castiglioni B, Moroni P, Pagnozzi D, Tola S, Piccinini R. Comparative secretome analysis of *Staphylococcus aureus* strains with different within-herd intramammary infection prevalence. *Virulence*. 2022 Dec;13(1):174-190. doi: 10.1080/21505594.2021.2024014. PMID: 35030987; PMCID: PMC8765078.

6: Dal Prà A, Biscarini F, Cavani GL, Bacchelli S, Iotti A, Borghi S, Nocetti M, Moroni P. Relationship between total and differential quarter somatic cell counts at dry-off and early lactation. *PLoS One*. 2022 Oct 17;17(10):e0275755. doi: 10.1371/journal.pone.0275755. PMID: 36251634; PMCID: PMC9576081.

7: Gioia G, Freeman J, Sipka A, Santisteban C, Wieland M, Gallardo VA, Monistero V, Scott JG, Moroni P. Pathogens associated with houseflies from different areas within a New York State dairy. *JDS Commun*. 2022 May 21;3(4):285-290. doi: 10.3168/jdsc.2021-0200. PMID: 36338025; PMCID: PMC9623797.

8: Cremonesi P, Biscarini F, Castiglioni B, Sgoifo CA, Compiani R, Moroni P. Gut microbiome modifications over time when removing in-feed antibiotics from the prophylaxis of post-weaning diarrhea in piglets. *PLoS One*. 2022 Mar 7;17(3):e0262199. doi: 10.1371/journal.pone.0262199. PMID: 35255081; PMCID: PMC8901073.

9: Gioia G, Freeman J, Sipka A, Santisteban C, Wieland M, Gallardo VA, Monistero V, Scott JG, Moroni P. Pathogens associated with houseflies from different areas within a New York State dairy. *JDS Commun*. 2022 May 21;3(4):285-290. doi: 10.3168/jdsc.2021-0200. PMID: 36338025; PMCID: PMC9623797.

10: Cremonesi P, Biscarini F, Castiglioni B, Sgoifo CA, Compiani R, Moroni P. Gut microbiome modifications over time when removing in-feed antibiotics from the prophylaxis of post-weaning diarrhea in piglets. *PLoS One*. 2022 Mar 7;17(3):e0262199. doi: 10.1371/journal.pone.0262199. PMID: 35255081; PMCID: PMC8901073.

- 11: Casseri E, Bulut E, Llanos Soto S, Wemette M, Stout A, Greiner Safi A, Lynch R, Moroni P, Ivanek R. Understanding Antibiotic Resistance as a Perceived Threat towards Dairy Cattle through Beliefs and Practices: A Survey-Based Study of Dairy Farmers. *Antibiotics* (Basel). 2022 Jul 25;11(8):997. doi: 10.3390/antibiotics11080997. PMID: 35892387; PMCID: PMC9330383.
- 12: Schell RC, Bulut E, Padda H, Safi AG, Moroni P, Ivanek R. Responsible antibiotic use labeling and consumers' willingness to buy and pay for fluid milk. *J Dairy Sci.* 2023 Jan;106(1):132-150. doi: 10.3168/jds.2022-21791. Epub 2022 Nov 1. PMID: 36333136.
- 13: Freu G, Garcia BLN, Tomazi T, Di Leo GS, Gheller LS, Bronzo V, Moroni P, Dos Santos MV. Association between Mastitis Occurrence in Dairy Cows and Bedding Characteristics of Compost-Bedded Pack Barns. *Pathogens.* 2023 Apr 12;12(4):583. doi: 10.3390/pathogens12040583. PMID: 37111469; PMCID: PMC10146899.
- 14: Gioia G, Severgnini M, Cremonesi P, Castiglioni B, Freeman J, Sipka A, Santisteban C, Wieland M, Gallardo VA, Scott JG, Moroni P, Addis MF. Genomic Characterization of *Mycoplasma arginini* Isolated from a Housefly on a Dairy Farm and Comparison with Isolates from Bovine Milk and Lung Tissue. *Microbiol Spectr.* 2023 Jun 15;11(3):e0301022. doi: 10.1128/spectrum.03010-22. Epub 2023 May 18. PMID: 37199649; PMCID: PMC10269790.
- 15: Freu G, Gioia G, Gross B, Biscarini F, Virkler P, Watters R, Addis MF, Franklin-Guild RJ, Runyan J, Masroure AJ, Bronzo V, Dos Santos MV, Moroni P. Frequency of non-aureus staphylococci and mammaliicocci species isolated from quarter clinical mastitis: a six-year retrospective study. *J Dairy Sci.* 2023 Dec 4:S0022-0302(23)00829-9. doi: 10.3168/jds.2023-24086. Epub ahead of print. PMID: 38056569.
- 16: Krömker V, Rota N, Locatelli C, Gusmara C, Marinoni A, Molteni D, Schmenger A, Erk RE, Moroni P. Randomized noninferiority field trial evaluating a postmilking teat dip for the prevention of naturally occurring intramammary infections. *J Dairy Sci.* 2023 Sep;106(9):6342-6352. doi: 10.3168/jds.2022-22732. Epub 2023 Jul 20. PMID: 37479581.
- 17: Guadagnini M, Gogna C, Tolasi C, Tolasi G, Gnali G, Freu G, Masroure AJ, Moroni P. Approach to Selective Dry Cow Therapy in Early Adopter Italian Dairy Farms: Why Compliance Is So Important. *Animals* (Basel). 2023 Nov 11;13(22):3485. doi: 10.3390/ani13223485. PMID: 38003103; PMCID: PMC10668801.
- 18: Locatelli C, Gattolin S, Monistero V, Castiglioni B, Moroni P, Addis MF, Cremonesi P. *Staphylococcus aureus* *coa* gene sequence analysis can prevent misidentification of coagulase-negative strains and contribute to their control in dairy cow herds. *Front Microbiol.* 2023 May 11;14:1120305. doi: 10.3389/fmicb.2023.1120305. PMID: 37250045; PMCID: PMC10213915.
- 19: Guadagnini M, Amodeo P, Biscarini F, Bolli A, Moroni P. Observational study on dry period length and its associations with milk production, culling risk, and fertility in Italian dairy farms. *J Dairy Sci.* 2023 Apr;106(4):2630-2641. doi: 10.3168/jds.2022-22326. Epub 2023 Feb 22. PMID: 36823012.
- 20: Addis MF, Locatelli C, Penati M, Poli SF, Monistero V, Zingale L, Rota N, Gusmara C, Piccinini R, Moroni P, Bronzo V. Non-aureus staphylococci and mammaliicocci isolated from bovine milk in Italian dairy farms: a retrospective investigation. *Vet Res Commun.* 2024 Feb;48(1):547-554. doi: 10.1007/s11259-023-10187-x. Epub 2023 Aug 10. PMID: 37558858; PMCID: PMC10811067. Mialno 02.02.2024
- 21: Penati M, Musa L, Filippone Pavesi L, Guaraglia A, Ulloa F, Moroni P, Piccinini R, Addis MF. Multidrug-Resistant Extended-Spectrum Beta-Lactamase (ESBL)-Producing *Escherichia coli* in a Dairy Herd: Distribution and Antimicrobial Resistance Profiles. *Antibiotics* (Basel).

2024 Mar 5;13(3):241. doi: 10.3390/antibiotics13030241. PMID: 38534676; PMCID: PMC10967312.

22: Freu G, Gioia G, Gross B, Biscarini F, Virkler P, Watters R, Addis MF, Franklin-Guild RJ, Runyan J, Masroure AJ, Bronzo V, Dos Santos MV, Moroni P. Frequency of non-aureus staphylococci and mammaliicocci species isolated from quarter clinical mastitis: A 6-year retrospective study. J Dairy Sci. 2024 Jun;107(6):3813-3823. doi: 10.3168/jds.2023-24086. Epub 2023 Dec 7. PMID: 38056569.

23: Addis MF, Locatelli C, Penati M, Poli SF, Monistero V, Zingale L, Rota N, Gusmara C, Piccinini R, Moroni P, Bronzo V. Non-aureus staphylococci and mammaliicocci isolated from bovine milk in Italian dairy farms: a retrospective investigation. Vet Res Commun. 2024 Feb;48(1):547-554. doi: 10.1007/s11259-023-10187-x. Epub 2023 Aug 10. PMID: 37558858; PMCID: PMC10811067.

24: Magro S, Visentin E, Costa A, Penasa M, Cendron F, Moroni P, Chiarin B, Cassandro M, Santinello M, De Marchi M. Presence of pathogen DNA in milk harvested from quarters is associated to changes in cows' milk yield and composition. BMC Vet Res. 2024 Jun 7;20(1):249. doi: 10.1186/s12917-024-04083-y. PMID: 38849801; PMCID: PMC11157801.

25: Penati M, Ulloa F, Locatelli C, Monistero V, Pavesi LF, Santandrea F, Piccinini R, Moroni P, Bronzo V, Addis MF. An update on non-aureus staphylococci and mammaliicocci in cow milk: unveiling the presence of *Staphylococcus borealis* and *Staphylococcus rostri* by MALDI-TOF MS. Vet Res Commun. 2024 Jun 18. doi: 10.1007/s11259-024-10440-x. Epub ahead of print. PMID: 38888631.

List of collaborations 2022-2024

Benjamin D. Enger, Ph.D.

Department of Animal Sciences, OARDC
College of Food, Agriculture, and Environmental Sciences
1680 Madison Ave, 143 Gerlaugh Hall, Wooster, OH 44691

Collaboration on epidemiology of *Mycoplasma bovis*

Sandra Godden DVM, DVSc

College of Veterinary Medicine, University of Minnesota
225 VMC, 1365 Gortner Ave., St. Paul, MN 55108

Collaboration on validation and comparison of different test (PCR and array)
for identification of *Mycoplasma* directly from milk

Renata Ivanek PhD

Department of Population Medicine and Diagnostic Sciences Cornell University College of Veterinary Medicine Ithaca, NY 14853

Collaboration on reduction of use of antibiotic in dairy farm and understanding the use of antibiotics on New York dairy farms

Joy Scaria, PhD

Department of Veterinary & Biomedical Sciences
South Dakota State University
SAR 114, Brookings, SD 57007

Collaboration on all genomic sequence of *Mycoplasma bovis*

Volker Krömker Prof. Dr. med. vet. habil.
Hochschule Hannover – University of Applied Sciences and Arts
Fakultät 2 - Faculty 2
Abteilung Bioverfahrenstechnik - Department of Bioprocess Engineering
Heisterbergallee 10 A
D-30453 Hannover

Collaboration on reduction of use of antibiotic in dairy farm

Autorizzo il trattamento dei dati personali nel CV secondo D. Lgs. 196/2003 e Regolamento UE 2016/679

Paolo Moroni

