

# Mattia Cecchinato

## List of Publications by Year in descending order

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92  
papers

1,747  
citations

331259

21  
h-index

360668

35  
g-index

93  
all docs

93  
docs citations

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times ranked

1532  
citing authors

#	ARTICLE	IF	CITATIONS
1	Technological quality, mineral profile, and sensory attributes of broiler chicken breasts affected by White Striping and Wooden Breast myopathies. <i>Poultry Science</i> , 2016, 95, 2707-2714.	1.5	107
2	Effect of "Wooden Breast" appearance on poultry meat quality, histological traits, and lesions characterization. <i>Czech Journal of Animal Science</i> , 2017, 62, 51-57.	0.5	85
3	Porcine circovirus type 2 (PCV2) evolution before and after the vaccination introduction: A large scale epidemiological study. <i>Scientific Reports</i> , 2016, 6, 39458.	1.6	70
4	Demonstration of loss of attenuation and extended field persistence of a live avian metapneumovirus vaccine. <i>Vaccine</i> , 2006, 24, 6476-6482.	1.7	68
5	Avian metapneumovirus (AMPV) attachment protein involvement in probable virus evolution concurrent with mass live vaccine introduction. <i>Veterinary Microbiology</i> , 2010, 146, 24-34.	0.8	54
6	First report of wild boar susceptibility to Porcine circovirus type 3: High prevalence in the Colli Euganei Regional Park (Italy) in the absence of clinical signs. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 957-962.	1.3	52
7	Think globally, act locally: Phylodynamic reconstruction of infectious bronchitis virus (IBV) QX genotype (GI-19 lineage) reveals different population dynamics and spreading patterns when evaluated on different epidemiological scales. <i>PLoS ONE</i> , 2017, 12, e0184401.	1.1	51
8	A novel variant of the infectious bronchitis virus resulting from recombination events in Italy and Spain. <i>Avian Pathology</i> , 2017, 46, 28-35.	0.8	46
9	Field avian Metapneumovirus evolution avoiding vaccine induced immunity. <i>Vaccine</i> , 2010, 28, 916-921.	1.7	45
10	A molecular epidemiology study based on VP2 gene sequences reveals that a new genotype of infectious bursal disease virus is dominantly prevalent in Italy. <i>Avian Pathology</i> , 2016, 45, 458-464.	0.8	41
11	Infectious Bronchitis Virus Evolution, Diagnosis and Control. <i>Veterinary Sciences</i> , 2020, 7, 79.	0.6	41
12	Evolution of infectious bronchitis virus in the field after homologous vaccination introduction. <i>Veterinary Research</i> , 2019, 50, 92.	1.1	40
13	Effect of different vaccination strategies on IBV QX population dynamics and clinical outbreaks. <i>Vaccine</i> , 2016, 34, 5670-5676.	1.7	38
14	Development and validation of direct PCR and quantitative PCR assays for the rapid, sensitive, and economical detection of porcine circovirus 3. <i>Journal of Veterinary Diagnostic Investigation</i> , 2018, 30, 538-544.	0.5	37
15	In vitro antiviral activity of chestnut and quebracho woods extracts against avian reovirus and metapneumovirus. <i>Research in Veterinary Science</i> , 2009, 87, 482-487.	0.9	36
16	Canine parvovirus type 2 (CPV-2) and Feline panleukopenia virus (FPV) codon bias analysis reveals a progressive adaptation to the new niche after the host jump. <i>Molecular Phylogenetics and Evolution</i> , 2017, 114, 82-92.	1.2	34
17	A turkey rhinotracheitis outbreak caused by the environmental spread of a vaccine-derived avian metapneumovirus. <i>Avian Pathology</i> , 2011, 40, 525-530.	0.8	33
18	Continued use of IBV 793B vaccine needs reassessment after its withdrawal led to the genotype's disappearance. <i>Vaccine</i> , 2014, 32, 6765-6767.	1.7	33

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19	West Nile virus circulation in Veneto region in 2008â€“2009. <i>Epidemiology and Infection</i> , 2011, 139, 818-825.	1.0	30
20	Development of a real-time RT-PCR assay for the simultaneous identification, quantitation and differentiation of avian metapneumovirus subtypes A and B. <i>Avian Pathology</i> , 2013, 42, 283-289.	0.8	27
21	Molecular characterization of the meq gene of Marek's disease viruses detected in unvaccinated backyard chickens reveals the circulation of low- and high-virulence strains. <i>Poultry Science</i> , 2019, 98, 3130-3137.	1.5	26
22	Molecular investigation of a full-length genome of a Q1-like IBV strain isolated in Italy in 2013. <i>Virus Research</i> , 2015, 210, 77-80.	1.1	23
23	Molecular epidemiology of infectious bronchitis virus and avian metapneumovirus in Greece. <i>Poultry Science</i> , 2019, 98, 5374-5384.	1.5	22
24	Avian Metapneumovirus subtype B around Europe: a phylodynamic reconstruction. <i>Veterinary Research</i> , 2020, 51, 88.	1.1	22
25	The effects of control measures on the economic burden associated with epidemics of avian influenza in Italy. <i>Poultry Science</i> , 2010, 89, 1115-1121.	1.5	21
26	The analysis of genome composition and codon bias reveals distinctive patterns between avian and mammalian circoviruses which suggest a potential recombinant origin for Porcine circovirus 3. <i>PLoS ONE</i> , 2018, 13, e0199950.	1.1	21
27	Italian Field Survey Reveals a High Diffusion of Avian Metapneumovirus Subtype B in Layers and Weaknesses in the Vaccination Strategy Applied. <i>Avian Diseases</i> , 2012, 56, 720-724.	0.4	20
28	Observation of high recombination occurrence of Porcine Reproductive and Respiratory Syndrome Virus in field condition. <i>Virus Research</i> , 2014, 194, 159-166.	1.1	19
29	Molecular insight into Italian canine parvovirus heterogeneity and comparison with the worldwide scenario. <i>Infection, Genetics and Evolution</i> , 2018, 66, 171-179.	1.0	19
30	Vaccine or field strains: the jigsaw pattern of infectious bronchitis virus molecular epidemiology in Poland. <i>Poultry Science</i> , 2019, 98, 6388-6392.	1.5	19
31	Free to Circulate: An Update on the Epidemiological Dynamics of Porcine Circovirus 2 (PCV-2) in Italy Reveals the Role of Local Spreading, Wild Populations, and Foreign Countries. <i>Pathogens</i> , 2020, 9, 221.	1.2	19
32	An Assessment of the Level of Protection Against Colibacillosis Conferred by Several Autogenous and/or Commercial Vaccination Programs in Conventional Pullets upon Experimental Challenge. <i>Veterinary Sciences</i> , 2020, 7, 80.	0.6	19
33	Avian Metapneumovirus circulation in Italian broiler farms. <i>Poultry Science</i> , 2018, 97, 503-509.	1.5	18
34	Avian metapneumoviruses expressing Infectious Bronchitis virus genes are stable and induce protection. <i>Vaccine</i> , 2013, 31, 2565-2571.	1.7	17
35	Molecular characterization of whole genome sequence of infectious bronchitis virus 624I genotype confirms the close relationship with Q1 genotype. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 207-216.	1.3	17
36	Rapid detection of subtype B avian metapneumoviruses using RT-PCR restriction endonuclease digestion indicates field circulation of vaccine-derived viruses in older turkeys. <i>Avian Pathology</i> , 2014, 43, 51-56.	0.8	16

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37	Genome sequence analysis of a distinctive Italian infectious bursal disease virus. <i>Poultry Science</i> , 2017, 96, 4370-4377.	1.5	16
38	Avian Pneumovirus infection in turkey and broiler farms in Italy: a virological, molecular and serological field survey. <i>Italian Journal of Animal Science</i> , 2004, 3, 287-292.	0.8	15
39	First Report of Avian Metapneumovirus Subtype B Field Strain in a Romanian Broiler Flock During an Outbreak of Respiratory Disease. <i>Avian Diseases</i> , 2017, 61, 250.	0.4	15
40	Bovine Coronavirus: Variability, Evolution, and Dispersal Patterns of a No Longer Neglected Betacoronavirus. <i>Viruses</i> , 2020, 12, 1285.	1.5	15
41	Phylogenetic analysis and evaluation of the balance between anthropic and environmental factors affecting IBV spreading among Italian poultry farms. <i>Scientific Reports</i> , 2020, 10, 7289.	1.6	15
42	<i>Gammacoronavirus</i> and <i>Deltacoronavirus</i> in Quail. <i>Avian Diseases</i> , 2016, 60, 656-661.	0.4	14
43	Gamma and Deltacoronaviruses in quail and pheasants from Northern Italy. <i>Poultry Science</i> , 2017, 96, 717-722.	1.5	14
44	Vaccination reduced the incidence of outbreaks of low pathogenicity avian influenza in northern Italy. <i>Vaccine</i> , 2009, 27, 3655-3661.	1.7	13
45	Phylogenetic analysis of porcine reproductive and respiratory syndrome virus (PRRSV) in Italy: Action of selective pressures and interactions between different clades. <i>Infection, Genetics and Evolution</i> , 2015, 31, 149-157.	1.0	13
46	Canine parvovirus (CPV) phylogeny is associated with disease severity. <i>Scientific Reports</i> , 2019, 9, 11266.	1.6	13
47	Detection and molecular characterization of a new genotype of infectious bursal disease virus in Portugal. <i>Avian Pathology</i> , 2022, 51, 97-105.	0.8	13
48	Low Pathogenicity Avian Influenza in Italy During 2007 and 2008: Epidemiology and Control. <i>Avian Diseases</i> , 2010, 54, 323-328.	0.4	12
49	Epidemiology and Control of Low Pathogenicity Avian Influenza Infections in Rural Poultry in Italy. <i>Avian Diseases</i> , 2011, 55, 13-20.	0.4	12
50	Impact of coccidiosis control program and feeding plan on white striping prevalence and severity degree on broiler breast fillets evaluated at three growing ages. <i>Poultry Science</i> , 2015, 94, 2114-2123.	1.5	12
51	Evaluation of 793/B-like and Mass-like vaccine strain kinetics in experimental and field conditions by real-time RT-PCR quantification. <i>Poultry Science</i> , 2018, 97, 303-312.	1.5	12
52	GI-16 lineage (624/I or Q1), there and back again: The history of one of the major threats for poultry farming of our era. <i>PLoS ONE</i> , 2018, 13, e0203513.	1.1	12
53	First evidence of avian metapneumovirus subtype A infection in turkeys in Egypt. <i>Tropical Animal Health and Production</i> , 2014, 46, 1093-1097.	0.5	11
54	Effect of genome composition and codon bias on infectious bronchitis virus evolution and adaptation to target tissues. <i>BMC Genomics</i> , 2021, 22, 244.	1.2	11

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55	Outbreak of <i>Eimeria kofoidi</i> and <i>E. legionensis</i> coccidiosis in red-legged partridges ( <i>Alectoris rufa</i> ). Italian Journal of Animal Science, 2006, 5, 318-320.	0.8	10
56	A Sensitive, Reproducible, and Economic Real-Time Reverse Transcription PCR Detecting Avian Metapneumovirus Subtypes A and B. Avian Diseases, 2014, 58, 216-222.	0.4	10
57	First Identification and Molecular Characterization of Avian metapneumovirus Subtype B from Chickens in Greece. Avian Diseases, 2017, 61, 409.	0.4	10
58	Phylogeny and evolution of infectious bursal disease virus circulating in Turkish broiler flocks. Poultry Science, 2019, 98, 1976-1984.	1.5	10
59	Comparative in vivo pathogenicity study of an ITA genotype isolate (G6) of infectious bursal disease virus. Transboundary and Emerging Diseases, 2020, 67, 1025-1031.	1.3	10
60	What is new on molecular characteristics of Avian metapneumovirus strains circulating in Europe?. Transboundary and Emerging Diseases, 2021, 68, 1314-1322.	1.3	10
61	Porcine Gammaherpesviruses in Italian Commercial Swine Population: Frequent but Harmless. Pathogens, 2021, 10, 47.	1.2	10
62	Genetic Insights into Feline Parvovirus: Evaluation of Viral Evolutionary Patterns and Association between Phylogeny and Clinical Variables. Viruses, 2021, 13, 1033.	1.5	9
63	First Molecular Characterization of Avian Metapneumovirus (aMPV) in Turkish Broiler Flocks. Avian Diseases, 2018, 62, 425.	0.4	9
64	Molecular Characterization of Avian Metapneumovirus from Guinea Fowls ( <i>Numida meleagris</i> ). Pakistan Veterinary Journal, 2018, 38, 419-423.	0.5	9
65	First detection of avian metapneumovirus subtype C Eurasian lineage in a Eurasian wigeon ( <i>Mareca</i> ) Tj ETQq1 1 0.784314 rgBT / Over viral epidemiology. Avian Pathology, 2022, 51, 283-290.	0.8	9
66	Identification of IBV QX vaccine markers : Should vaccine acceptance by authorities require similar identifications for all live IBV vaccines?. Vaccine, 2017, 35, 5531-5534.	1.7	8
67	Molecular Epidemiology and Genotyping of Infectious Bronchitis Virus and Avian Metapneumovirus in Backyard and Commercial Chickens in Jimma Zone, Southwestern Ethiopia. Veterinary Sciences, 2020, 7, 187.	0.6	8
68	Phylogenetic and phylogeographic reconstruction of porcine reproductive and respiratory syndrome virus (PRRSV) in Europe: Patterns and determinants. Transboundary and Emerging Diseases, 2022, 69, .	1.3	8
69	Infectious bronchitis virus gel vaccination: evaluation of Mass-like (B-48) and 793/B-like (1/96) vaccine kinetics after combined administration at 1 day of age. Poultry Science, 2018, 97, 3501-3509.	1.5	7
70	Molecular epidemiology of fowl adenoviruses in Greece. Poultry Science, 2020, 99, 5983-5990.	1.5	7
71	Research Note: Detection of Avian metapneumovirus subgroup C specific antibodies in a mallard flock in Italy. Poultry Science, 2021, 100, 101186.	1.5	7
72	Design, Validation, and Absolute Sensitivity of a Novel Test for the Molecular Detection of Avian Pneumovirus. Journal of Veterinary Diagnostic Investigation, 2004, 16, 582-585.	0.5	6

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73	Inoculation of specific pathogen-free chickens with an infectious bursal disease virus of the ITA genotype (G6) leads to a high and persistent viral load in lymphoid tissues and to a delayed antiviral response. <i>Veterinary Microbiology</i> , 2019, 235, 136-142.	0.8	6
74	Phylogenetic and Recombination Analyses of Avian Infectious Bronchitis GI-23 Reveal a Widespread Recombinant Cluster and New Among-Countries Linkages. <i>Animals</i> , 2021, 11, 3182.	1.0	6
75	Low pathogenic avian influenza in Italy. <i>Veterinary Record</i> , 2008, 162, 64-64.	0.2	5
76	No good vaccination quality without good control: the positive impact of a hatchery vaccination service program. <i>Poultry Science</i> , 2020, 99, 2976-2982.	1.5	5
77	Evaluation of unintended 1/96 infectious bronchitis vaccine transmission in broilers after direct contact with vaccinated ones. <i>Veterinari Medicina</i> , 2018, 63, 287-291.	0.2	4
78	Two similar commercial live attenuated AMPV vaccines prepared by random passage of the identical field isolate, have unrelated sequences. <i>Vaccine</i> , 2019, 37, 2765-2767.	1.7	4
79	Comparison and validation of different models and variable selection methods for predicting survival after canine parvovirus infection. <i>Veterinary Record</i> , 2020, 187, e76.	0.2	4
80	A comparison of AMPV subtypes A and B full genomes, gene transcripts and proteins led to reverse-genetics systems rescuing both subtypes. <i>Journal of General Virology</i> , 2016, 97, 1324-1332.	1.3	4
81	Investigation of Serotype Prevalence of Escherichia coli Strains Isolated from Layer Poultry in Greece and Interactions with Other Infectious Agents. <i>Veterinary Sciences</i> , 2022, 9, 152.	0.6	4
82	Infectious Bronchitis Hatchery Vaccination: Comparison between Traditional Spray Administration and a Newly Developed Gel Delivery System in Field Conditions. <i>Veterinary Sciences</i> , 2021, 8, 145.	0.6	3
83	Impact of viral features, host jumps and phylogeography on the rapid evolution of Aleutian mink disease virus (AMDV). <i>Scientific Reports</i> , 2021, 11, 16464.	1.6	3
84	Do modified live virus vaccines against bovine viral diarrhea induce fetal cross-protection against HoBi-like Pestivirus?. <i>Veterinary Microbiology</i> , 2021, 260, 109178.	0.8	3
85	Reconciling individual and population levels of porcine reproductive and respiratory syndrome virus evolution. <i>Virologica Sinica</i> , 2017, 32, 342-345.	1.2	2
86	Effect of assay choice, viral concentration and operator interpretation on infectious bronchitis virus detection and characterization. <i>Avian Pathology</i> , 2021, 50, 357-365.	0.8	2
87	Detection and Molecular Characterization of a Novel Species of Circovirus in a Tawny Owl (Strix) Tj ETQq1 1 0.784314 rgBT /Overlock 11	1.0	2
88	Molecular Survey and Identification of Campylobacter spp. in Layer Farms in Central Ethiopia. <i>Tropical Medicine and Infectious Disease</i> , 2022, 7, 31.	0.9	2
89	An Electronic Learning Course on Avian Influenza in Italy (2008). <i>Avian Diseases</i> , 2010, 54, 784-786.	0.4	1
90	Impact of Rotten Eggs on Hatchery Performances: A Multicentric Study. <i>Animals</i> , 2020, 10, 1725.	1.0	1

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91	An Outbreak of Blindness Due to Retinopathy in Nine Flocks of Guinea Fowl. <i>Avian Diseases</i> , 2014, 58, 337-339.	0.4	0
92	Molecular Survey of Viral Poultry Diseases with an Indirect Public Health Significance in Central Ethiopia. <i>Animals</i> , 2021, 11, 3564.	1.0	0