

Bianca Castiglioni

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8294862/bianca-castiglioni-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

96
papers

2,005
citations

29
h-index

42
g-index

99
ext. papers

2,398
ext. citations

3.8
avg, IF

4.09
L-index

#	Paper	IF	Citations
96	Comparative secretome analysis of strains with different within-herd intramammary infection prevalence.. <i>Virulence</i> , 2022 , 13, 174-190	4.7	0
95	Dietary Supplementation with Goji Berries (Modulates the Microbiota of Digestive Tract and Caecal Metabolites in Rabbits.. <i>Animals</i> , 2022 , 12,	3.1	3
94	Development of quantitative real-time PCR and digital droplet-PCR assays for rapid and early detection of the spoilage yeasts <i>Saccharomycopsis fibuligera</i> and <i>Wickerhamomyces anomalus</i> in bread. <i>Food Microbiology</i> , 2022 , 101, 103894	6	1
93	Gut microbiome modifications over time when removing in-feed antibiotics from the prophylaxis of post-weaning diarrhea in piglets.. <i>PLoS ONE</i> , 2022 , 17, e0262199	3.7	1
92	A 20-SNP Panel as a Tool for Genetic Authentication and Traceability of Pig Breeds. <i>Animals</i> , 2022 , 12, 1335	3.1	0
91	Sperm Nuclei Analysis and Nuclear Organization of a Fertile Boar-Pig Hybrid by 2D FISH on Both Total and Motile Sperm Fractions. <i>Animals</i> , 2021 , 11,	3.1	1
90	Comparison of the response of mammary gland tissue from two divergent lines of goat with high and low milk somatic cell scores to an experimental <i>Staphylococcus aureus</i> infection. <i>Veterinary Immunology and Immunopathology</i> , 2021 , 234, 110208	2	1
89	Genotyping and Antimicrobial Susceptibility Profiling of Isolated from a Clinical Bovine Mastitis Outbreak in a Dairy Farm. <i>Antibiotics</i> , 2021 , 10,	4.9	3
88	Effect of Linseeds and Hemp Seeds on Milk Production, Energy and Nitrogen Balance, and Methane Emissions in the Dairy Goat. <i>Animals</i> , 2021 , 11,	3.1	2
87	Raw Milk Microbiota Modifications as Affected by Chlorine Usage for Cleaning Procedures: The Trentingrana PDO Case. <i>Frontiers in Microbiology</i> , 2020 , 11, 564749	5.7	2
86	Characterization of Bacterial Microbiota Composition along the Gastrointestinal Tract in Rabbits. <i>Animals</i> , 2020 , 11,	3.1	8
85	In vitro evaluation of antimicrobial and antioxidant activities of algal extracts. <i>Italian Journal of Animal Science</i> , 2020 , 19, 103-113	2.2	15
84	Technical note: Development of multiplex PCR assays for the molecular characterization of <i>Streptococcus uberis</i> strains isolated from bovine mastitis. <i>Journal of Dairy Science</i> , 2020 , 103, 915-921	4	3
83	A Randomized Controlled Trial of Teat-Sealant and Antibiotic Dry-Cow Treatments for Mastitis Prevention Shows Similar Effect on the Healthy Milk Microbiome. <i>Frontiers in Veterinary Science</i> , 2020 , 7, 581	3.1	5
82	The Role of Innate Immune Response and Microbiome in Resilience of Dairy Cattle to Disease: The Mastitis Model. <i>Animals</i> , 2020 , 10,	3.1	7
81	Isolates from Bovine Mastitis in Eight Countries: Genotypes, Detection of Genes Encoding Different Toxins and Other Virulence Genes. <i>Toxins</i> , 2018 , 10,	4.9	44
80	Cytogenetic investigation in two endangered pig breeds raised in Southern-Italy: Clinical and environmental aspects. <i>Livestock Science</i> , 2018 , 216, 36-43	1.7	5

79	What we have lost: Mastitis resistance in Holstein Friesians and in a local cattle breed. <i>Research in Veterinary Science</i> , 2018 , 116, 88-98	2.5	38
78	Milk microbiome diversity and bacterial group prevalence in a comparison between healthy Holstein Friesian and Rendena cows. <i>PLoS ONE</i> , 2018 , 13, e0205054	3.7	40
77	Involvement of tyrosinase-related protein 1 gene in the light brown plumage phenotype of Falco cherrug. <i>Animal Genetics</i> , 2017 , 48, 125-126	2.5	3
76	Development of a Droplet Digital Polymerase Chain Reaction for Rapid and Simultaneous Identification of Common Foodborne Pathogens in Soft Cheese. <i>Frontiers in Microbiology</i> , 2016 , 7, 1725	5.7	31
75	Development of a triplex real-time PCR assay for the simultaneous detection of <i>Clostridium beijerinckii</i> , <i>Clostridium sporogenes</i> and <i>Clostridium tyrobutyricum</i> in milk. <i>Anaerobe</i> , 2015 , 34, 44-9	2.8	20
74	Clonal diversity, virulence-associated genes and antimicrobial resistance profile of <i>Staphylococcus aureus</i> isolates from nasal cavities and soft tissue infections in wild ruminants in Italian Alps. <i>Veterinary Microbiology</i> , 2014 , 170, 157-61	3.3	18
73	Development of 23 individual TaqMan [®] real-time PCR assays for identifying common foodborne pathogens using a single set of amplification conditions. <i>Food Microbiology</i> , 2014 , 43, 35-40	6	25
72	Common bean (<i>Phaseolus vulgaris</i> L.) PvTIFY orchestrates global changes in transcript profile response to jasmonate and phosphorus deficiency. <i>BMC Plant Biology</i> , 2013 , 13, 26	5.3	34
71	Identification of virulence factors in 16S-23S rRNA intergenic spacer genotyped <i>Staphylococcus aureus</i> isolated from water buffaloes and small ruminants. <i>Journal of Dairy Science</i> , 2013 , 96, 7666-74	4	7
70	Evaluation of internal reference genes for quantitative expression analysis by real-time reverse transcription-PCR in somatic cells from goat milk. <i>Journal of Dairy Science</i> , 2013 , 96, 7932-44	4	13
69	SNP identification in swine candidate genes for meat quality. <i>Livestock Science</i> , 2013 , 155, 165-171	1.7	4
68	Transcript profiling of common bean nodules subjected to oxidative stress. <i>Physiologia Plantarum</i> , 2013 , 149, 389-407	4.6	8
67	Technical note: Identification of <i>Prototheca</i> species from bovine milk samples by PCR-single strand conformation polymorphism. <i>Journal of Dairy Science</i> , 2012 , 95, 6963-8	4	10
66	Characterization of <i>Staphylococcus aureus</i> strains isolated from Italian dairy products by MALDI-TOF mass fingerprinting. <i>Electrophoresis</i> , 2012 , 33, 2355-64	3.6	45
65	Response of the goat mammary gland to infection with <i>Staphylococcus aureus</i> revealed by gene expression profiling in milk somatic and white blood cells. <i>BMC Genomics</i> , 2012 , 13, 540	4.5	35
64	Detection and characterization of pathogenic vibrios in shellfish by a Ligation Detection Reaction-Universal Array approach. <i>International Journal of Food Microbiology</i> , 2012 , 153, 474-82	5.8	13
63	Genome sequence and analysis of <i>Lactobacillus helveticus</i> . <i>Frontiers in Microbiology</i> , 2012 , 3, 435	5.7	14
62	Array Platform for Food Safety and Quality 2012 , 13-56		1

61	A tool based on Ligation Detection Reaction-Universal Array (LDR-UA) for the characterization of VTEC by identification of virulence-associated and serogroup-specific genes. <i>Molecular and Cellular Probes</i> , 2011 , 25, 35-43	3.3	2
60	Transcriptome analysis to identify differential gene expression affecting meat quality in heavy Italian pigs. <i>Animal Genetics</i> , 2011 , 42, 161-71	2.5	3
59	Development of a pentaplex PCR assay for the simultaneous detection of <i>Streptococcus thermophilus</i> , <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i> , <i>L. delbrueckii</i> subsp. <i>lactis</i> , <i>L. helveticus</i> , <i>L. fermentum</i> in whey starter for Grana Padano cheese. <i>International Journal of Food Microbiology</i> , 2011 , 146, 207-11	5.8	21
58	Comprehensive analysis of <i>Salmonella</i> sequence polymorphisms and development of a LDR-UA assay for the detection and characterization of selected serotypes. <i>Applied Microbiology and Biotechnology</i> , 2011 , 91, 189-210	5.7	11
57	Advances in DNA Microarray Technology for the Detection of Foodborne Pathogens. <i>Food and Bioprocess Technology</i> , 2011 , 4, 936-953	5.1	52
56	New labelling technology for molecular probes applied to the ligation detection reaction-universal array system. <i>Molecular Biotechnology</i> , 2011 , 47, 1-8	3	
55	Strengthening insights into host responses to mastitis infection in ruminants by combining heterogeneous microarray data sources. <i>BMC Genomics</i> , 2011 , 12, 225	4.5	38
54	Differentially expressed genes associated with <i>Staphylococcus aureus</i> mastitis in dairy goats. <i>Veterinary Immunology and Immunopathology</i> , 2010 , 135, 208-17	2	24
53	Diacylglycerol acyltransferase 1, stearoyl-CoA desaturase 1, and sterol regulatory element binding protein 1 gene polymorphisms and milk fatty acid composition in Italian Brown cattle. <i>Journal of Dairy Science</i> , 2010 , 93, 753-63	4	57
52	A method based on the ligation detection reaction-universal array (LDRUA) for the detection and characterization of <i>Listeria</i> and <i>Campylobacter</i> strains. <i>European Food Research and Technology</i> , 2010 , 231, 985-998	3.4	1
51	High taxonomic level fingerprint of the human intestinal microbiota by ligase detection reaction-universal array approach. <i>BMC Microbiology</i> , 2010 , 10, 116	4.5	45
50	ORMA: a tool for identification of species-specific variations in 16S rRNA gene and oligonucleotides design. <i>Nucleic Acids Research</i> , 2009 , 37, e109	20.1	16
49	Surface-activated chemical ionization and cation exchange chromatography for the analysis of enterotoxin A. <i>Journal of Mass Spectrometry</i> , 2009 , 44, 1482-8	2.2	5
48	Pathogen detection in milk samples by ligation detection reaction-mediated universal array method. <i>Journal of Dairy Science</i> , 2009 , 92, 3027-39	4	31
47	Polymorphisms in swine candidate genes for meat quality detected by PCR-SSCP. <i>Italian Journal of Animal Science</i> , 2009 , 8, 129-131	2.2	1
46	Chromosomal assignment of the ovine hairless (hr) gene by fluorescence insitu hybridization. <i>Hereditas</i> , 2008 , 145, 258-61	2.4	1
45	Identification of hepatotoxin-producing cyanobacteria by DNA-chip. <i>Environmental Microbiology</i> , 2008 , 10, 653-64	5.2	48
44	Microarray analysis of gene expression of milk leukocytes in healthy goats. <i>Veterinary Research Communications</i> , 2008 , 32 Suppl 1, S219-21	2.9	4

43	Development of a microarray platform for detection of milk pathogens: preliminary results. <i>Veterinary Research Communications</i> , 2008 , 32 Suppl 1, S187-9	2.9	2
42	A procedure for olive oil traceability and authenticity: DNA extraction, multiplex PCR and LDR universal array analysis. <i>European Food Research and Technology</i> , 2008 , 227, 1429-1438	3.4	79
41	Pig KALRN, MYH1, MLC2V, SNX13, AK1, and PPIA loci RH mapping and chromosome position refining. <i>Genetics and Molecular Research</i> , 2008 , 7, 982-5	1.2	1
40	Microarray analyses to identify differentially expressed genes for assessing meat quality in swine. <i>Italian Journal of Animal Science</i> , 2007 , 6, 144-146	2.2	2
39	Analysis of 22 mutations within milk protein genes in Italian Friesian cattle. <i>Italian Journal of Animal Science</i> , 2007 , 6, 76-76	2.2	
38	Detection of enterotoxigenic <i>Staphylococcus aureus</i> isolates in raw milk cheese. <i>Letters in Applied Microbiology</i> , 2007 , 45, 586-91	2.9	53
37	Detection of classical enterotoxins and identification of enterotoxin genes in <i>Staphylococcus aureus</i> from milk and dairy products. <i>Veterinary Microbiology</i> , 2007 , 124, 66-72	3.3	78
36	Development of DNA extraction and PCR amplification protocols for detection of <i>Mycoplasma bovis</i> directly from milk samples. <i>Veterinary Research Communications</i> , 2007 , 31 Suppl 1, 225-7	2.9	11
35	Olive variety identification by ligation detection reaction in a universal array format. <i>Journal of Biotechnology</i> , 2007 , 129, 565-74	3.7	44
34	Stearoyl-coenzyme A desaturase gene polymorphism and milk fatty acid composition in Italian Holsteins. <i>Journal of Dairy Science</i> , 2007 , 90, 4458-65	4	116
33	Development of a single nucleotide polymorphism genotyping microarray platform for the identification of bovine milk protein genetic polymorphisms. <i>Journal of Dairy Science</i> , 2007 , 90, 451-64	4	34
32	Evaluation of different microarray experimental designs for identification of differentially expressed genes in the liver of Casertana and Large White swine breeds. <i>Italian Journal of Animal Science</i> , 2007 , 6, 220-220	2.2	
31	Technical note: Improved method for rapid DNA extraction of mastitis pathogens directly from milk. <i>Journal of Dairy Science</i> , 2006 , 89, 163-9	4	100
30	Relationships between somatic cell count and intramammary infection in buffaloes. <i>Journal of Dairy Science</i> , 2006 , 89, 998-1003	4	52
29	A structured chitosan-based platform for biomolecule attachment to solid surfaces: application to DNA microarray preparation. <i>Bioconjugate Chemistry</i> , 2006 , 17, 371-7	6.3	28
28	Molecular typing of <i>Staphylococcus aureus</i> isolated from cows, goats and sheep with intramammary infections on the basis of gene polymorphisms and toxins genes. <i>Zoonoses and Public Health</i> , 2006 , 53, 423-8		24
27	Identification of Enterotoxin Genes in <i>Staphylococcus aureus</i> Isolates from Bovine and Caprine Milk. <i>Veterinary Research Communications</i> , 2006 , 30, 241-243	2.9	2
26	Characterization of <i>Staphylococcus aureus</i> isolated from chronically infected dairy goats. <i>Journal of Dairy Science</i> , 2005 , 88, 3500-9	4	30

25	Development of a multiplex PCR assay for the identification of <i>Staphylococcus aureus</i> enterotoxigenic strains isolated from milk and dairy products. <i>Molecular and Cellular Probes</i> , 2005 , 19, 299-305	3.3	86
24	Analysis of genetic polymorphisms in <i>Staphylococcus aureus</i> strains isolated from bovine milk. <i>Veterinary Research Communications</i> , 2005 , 29 Suppl 2, 257-9	2.9	1
23	Microarray analysis applied to the study of milk protein loci in cattle. <i>Italian Journal of Animal Science</i> , 2005 , 4, 7-9	2.2	1
22	Polymorphism analysis within the HLA-A locus by universal oligonucleotide array. <i>Human Mutation</i> , 2004 , 24, 428-34	4.7	24
21	Detection and quantitation of genetically modified maize (Bt-176 transgenic maize) by applying ligation detection reaction and universal array technology. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 1049-54	5.7	35
20	Development of a universal microarray based on the ligation detection reaction and 16S rRNA gene polymorphism to target diversity of cyanobacteria. <i>Applied and Environmental Microbiology</i> , 2004 , 70, 7161-72	4.8	100
19	Detection of HLA polymorphisms by ligase detection reaction and a universal array format: a pilot study for low resolution genotyping. <i>Human Immunology</i> , 2003 , 64, 168-78	2.3	26
18	Apolipoprotein E and transferrin genotyping by ligation detection reaction and universal array. <i>Clinical Chemistry</i> , 2003 , 49, 1537-40	5.5	4
17	The mechanisms responsible for 2-dimensional pattern formation in bacterial macrofiber populations grown on solid surfaces: fiber joining and the creation of exclusion zones. <i>BMC Microbiology</i> , 2002 , 2, 1	4.5	33
16	Bacterial discrimination by means of a universal array approach mediated by LDR (ligase detection reaction). <i>BMC Microbiology</i> , 2002 , 2, 27	4.5	39
15	Investigation of the multiple anchors approach in oligonucleotide microarray preparation using linear and stem-loop structured probes. <i>Nucleic Acids Research</i> , 2002 , 30, E34-4	20.1	9
14	Cross-species conservation of SEL1L, a human pancreas-specific expressing gene. <i>OMICS A Journal of Integrative Biology</i> , 2002 , 6, 187-98	3.8	12
13	Two efficient polymeric chemical platforms for oligonucleotide microarray preparation. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2002 , 21, 561-80	1.4	20
12	Isolation and molecular characterization of rasfadin, a novel gene in the vicinity of the bovine prion gene. <i>Mammalian Genome</i> , 2001 , 12, 150-6	3.2	9
11	Assignment of interleukin-1 receptor, type I (IL1R1) to bovine chromosome band 11q12 by in situ hybridization. <i>Cytogenetic and Genome Research</i> , 2000 , 89, 166-7	1.9	
10	Eight molecular markers from bovine syntenic groups U2, U5, U24, U14, U12, U28, X and Y were fluorescence in situ mapped to eight river buffalo chromosomes. <i>Chromosome Research</i> , 1998 , 6, 656-9	4.4	
9	Comparative mapping of the prion gene (PRNP) locus in cattle, sheep and human with PCR-generated probes. <i>Mammalian Genome</i> , 1998 , 9, 853-5	3.2	16
8	Cosmid-derived markers anchoring the bovine genetic map to the physical map. <i>Mammalian Genome</i> , 1997 , 8, 29-36	3.2	31

7	Characterization and mapping of three bovine polymorphic microsatellite loci. <i>Animal Genetics</i> , 1996 , 27, 121	2.5	4
6	Physical and genetic mapping of two polymorphic bovine dinucleotide repeats: IOBT450 (D6S31) and IDVGA80 (D2S46). <i>Animal Genetics</i> , 1996 , 27, 377-8	2.5	1
5	T-banding pattern of bovine chromosomes and karyotype reconstitution with physically mapped cosmids. <i>Cytogenetic and Genome Research</i> , 1996 , 73, 229-34	1.9	
4	Six antimicrobial peptide genes of the cathelicidin family map to bovine chromosome 22q24 by fluorescence in situ hybridization. <i>Cytogenetic and Genome Research</i> , 1996 , 75, 240-2	1.9	13
3	Physical mapping of connexin 32 (GJB1) and 43 (GJA1) genes to bovine chromosomes Xq22 and 9q15/16 by fluorescence in situ hybridization. <i>Mammalian Genome</i> , 1996 , 7, 634-5	3.2	3
2	Chromosomal localization and molecular characterization of 53 cosmid-derived bovine microsatellites. <i>Mammalian Genome</i> , 1995 , 6, 629-35	3.2	60
1	Characterization of hamster-bovine somatic cell hybrids by in situ hybridization and chromosome banding. <i>Hereditas</i> , 1993 , 118, 191-4	2.4	1