

Maria Vitale

List of Publications by Year in descending order

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74
papers

1,585
citations

304368

22
h-index

329751

37
g-index

74
all docs

74
docs citations

74
times ranked

2076
citing authors

#	ARTICLE	IF	CITATIONS
1	cDNA cloning and primary structure of a white-face hornet venom allergen, antigen 5.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 895-899.	3.3	152
2	Identification of a novel bluetongue virus vector species of <i>Culicoides</i> in Sicily. Veterinary Record, 2003, 153, 71-74.	0.2	145
3	Development and initial evaluation of a real-time RT-PCR assay to detect bluetongue virus genome segment 1. Journal of Virological Methods, 2007, 145, 115-126.	1.0	136
4	Seroepidemiology of <i>Toxoplasma gondii</i> infection in women of child-bearing age in central Ethiopia. BMC Infectious Diseases, 2013, 13, 101.	1.3	79
5	Immune mediators of sea-cucumber <i>Holothuria tubulosa</i> (Echinodermata) as source of novel antimicrobial and anti-staphylococcal biofilm agents. AMB Express, 2013, 3, 35.	1.4	56
6	Staphylococcal Food Poisoning Case and Molecular Analysis of Toxin Genes in <i>Staphylococcus aureus</i> Strains Isolated from Food in Sicily, Italy. Foodborne Pathogens and Disease, 2015, 12, 21-23.	0.8	44
7	TaqMan-Based Detection of <i>Leishmania infantum</i> DNA Using Canine Samples. Annals of the New York Academy of Sciences, 2004, 1026, 139-143.	1.8	43
8	Some risk factors for reproductive failures and contribution of <i>Toxoplasma gondii</i> infection in sheep and goats of Central Ethiopia: A cross-sectional study. Research in Veterinary Science, 2013, 95, 894-900.	0.9	43
9	Serum hepatitis C virus (HCV)-RNA and response to alpha-interferon in anti-HCV positive chronic hepatitis. Journal of Medical Virology, 1992, 38, 200-206.	2.5	38
10	<i>Origanum vulgare</i> subsp. <i>hirtum</i> Essential Oil Prevented Biofilm Formation and Showed Antibacterial Activity against Planktonic and Sessile Bacterial Cells. Journal of Food Protection, 2013, 76, 1747-1752.	0.8	36
11	Pyrrrolomycins as potential anti-staphylococcal biofilms agents. Biofouling, 2010, 26, 433-438.	0.8	35
12	Seroepidemiological study of ovine toxoplasmosis in East and West Shewa Zones of Oromia Regional State, Central Ethiopia. BMC Veterinary Research, 2013, 9, 117.	0.7	35
13	Seroepidemiological study of caprine toxoplasmosis in East and West Shewa Zones, Oromia Regional State, Central Ethiopia. Research in Veterinary Science, 2013, 94, 43-48.	0.9	33
14	Molecular epidemiology of <i>Mycobacterium tuberculosis</i> complex strains isolated from livestock and wild animals in Italy suggests the need for a different eradication strategy for bovine tuberculosis. Transboundary and Emerging Diseases, 2018, 65, e416-e424.	1.3	31
15	First report of <i>Toxoplasma gondii</i> in camels (<i>Camelus dromedarius</i>) in Ethiopia: bioassay and seroepidemiological investigation. BMC Veterinary Research, 2014, 10, 222.	0.7	29
16	A High Sensitive Nested PCR for <i>Toxoplasma gondii</i> Detection in Animal and Food Samples. Journal of Microbial & Biochemical Technology, 2013, 05, .	0.2	28
17	Molecular cloning of the mouse CCK gene: expression in different brain regions and during cortical development. Nucleic Acids Research, 1991, 19, 169-177.	6.5	27
18	Real-Time PCR in Dogs Treated for Leishmaniasis with Allopurinol. Veterinary Research Communications, 2005, 29, 301-303.	0.6	26

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19	Antibiotic Resistance Profiling, Analysis of Virulence Aspects and Molecular Genotyping of <i>Staphylococcus aureus</i> Isolated in Sicily, Italy. <i>Foodborne Pathogens and Disease</i> , 2018, 15, 177-185.	0.8	26
20	First report on seroepidemiology of <i>Toxoplasma gondii</i> infection in pigs in Central Ethiopia. <i>BMC Veterinary Research</i> , 2015, 11, 59.	0.7	25
21	A Synthetic Derivative of Antimicrobial Peptide Holothuroidin 2 from Mediterranean Sea Cucumber (<i>Holothuria tubulosa</i>) in the Control of <i>Listeria monocytogenes</i> . <i>Marine Drugs</i> , 2019, 17, 159.	2.2	25
22	Human leptospirosis cases in Palermo Italy. The role of rodents and climate. <i>Journal of Infection and Public Health</i> , 2018, 11, 209-214.	1.9	24
23	Comparison of Antibiotic Resistance Profile and Biofilm Production of <i>Staphylococcus aureus</i> Isolates Derived from Human Specimens and Animal-Derived Samples. <i>Antibiotics</i> , 2019, 8, 97.	1.5	23
24	Synthesis and anti-staphylococcal activity of new 4-diazopyrazole derivatives. <i>European Journal of Medicinal Chemistry</i> , 2012, 58, 64-71.	2.6	21
25	Paracentrin 1, a synthetic antimicrobial peptide from the sea-urchin <i>Paracentrotus lividus</i> , interferes with staphylococcal and <i>Pseudomonas aeruginosa</i> biofilm formation. <i>AMB Express</i> , 2014, 4, 78.	1.4	21
26	Fragments of α -thymosin from the sea urchin <i>Paracentrotus lividus</i> as potential antimicrobial peptides against staphylococcal biofilms. <i>Annals of the New York Academy of Sciences</i> , 2012, 1270, 79-85.	1.8	20
27	Impact of Traditional Practices on Food Safety: A Case of Acute Toxoplasmosis Related to the Consumption of Contaminated Raw Pork Sausage in Italy. <i>Journal of Food Protection</i> , 2014, 77, 643-646.	0.8	20
28	Expression of the cholecystokinin gene in pediatric tumors.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 5819-5823.	3.3	18
29	Genotype diversity and distribution of <i>Mycobacterium bovis</i> from livestock in a small, high-risk area in northeastern Sicily, Italy. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007546.	1.3	17
30	Comparison of two PCR methods for detection of <i>Leptospira interrogans</i> in formalin-fixed and paraffin-embedded tissues. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2012, 107, 85-88.	0.8	16
31	Seroepidemiology of <i>Toxoplasma gondii</i> infection in free-range chickens (<i>Gallus</i>) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 5	1.0	16
32	Evidence for a Globin Promoter-Specific Silencer Element Located Upstream of the Human γ -Globin Gene. <i>Biochemical and Biophysical Research Communications</i> , 1994, 204, 413-418.	1.0	15
33	Biodiversity and selection for scrapie resistance in goats: Genetic polymorphism in <i>Girgentana</i> breed in Sicily, Italy. <i>Small Ruminant Research</i> , 2015, 125, 137-141.	0.6	15
34	Scrapie incidence and PRNP polymorphisms: rare small ruminant breeds of Sicily with TSE protecting genetic reservoirs. <i>BMC Veterinary Research</i> , 2016, 12, 141.	0.7	14
35	A peptide from human γ thymosin as a platform for the development of new anti-biofilm agents for <i>Staphylococcus</i> spp. and <i>Pseudomonas aeruginosa</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 124.	1.7	14
36	A rare case of acute toxoplasmosis in a stray dog due to infection of <i>T. gondii</i> clonal type I: public health concern in urban settings with stray animals?. <i>BMC Veterinary Research</i> , 2017, 13, 249.	0.7	14

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37	Study on Bacteria Isolates and Antimicrobial Resistance in Wildlife in Sicily, Southern Italy. <i>Microorganisms</i> , 2021, 9, 203.	1.6	14
38	Anti-HCV antibodies in household contacts of patients with cirrhosis of the liver – Preliminary results. <i>Infection</i> , 1992, 20, 51-52.	2.3	12
39	An outbreak of bovine tuberculosis in a fallow deer herd (<i>Dama dama</i>) in Sicily. <i>Research in Veterinary Science</i> , 2016, 106, 116-120.	0.9	11
40	Toxoplasmosis in camels (<i>Camelus dromedarius</i>) of Borana zone, Oromia region, Ethiopia: seroprevalence and risk factors. <i>Tropical Animal Health and Production</i> , 2016, 48, 1599-1606.	0.5	11
41	Pathology and genetic findings in a rare case of <i>Mycobacterium caprae</i> infection in a sow. <i>Veterinary Microbiology</i> , 2017, 205, 71-74.	0.8	11
42	Analysis of differences in prion protein gene (<i>PRNP</i>) polymorphisms between Algerian and Southern Italy's goats. <i>Italian Journal of Animal Science</i> , 2018, 17, 578-585.	0.8	11
43	A case of bovine trypanosomiasis caused by <i>Trypanosoma theileri</i> in Sicily, Italy. <i>Parasitology Research</i> , 2019, 118, 2723-2727.	0.6	11
44	Identification of New Antimicrobial Peptides from Mediterranean Medical Plant <i>Charybdis pancraticum</i> (Steinh.) Speta. <i>Antibiotics</i> , 2020, 9, 747.	1.5	10
45	A cross-sectional study of <i>PRNP</i> gene in two native Sicilian goat populations in Italy: a relation between prion gene polymorphisms and scrapie incidence. <i>Journal of Genetics</i> , 2017, 96, 319-325.	0.4	9
46	Control of Growth and Persistence of <i>Listeria monocytogenes</i> and β -Lactam-Resistant <i>Escherichia coli</i> by Thymol in Food Processing Settings. <i>Molecules</i> , 2020, 25, 383.	1.7	9
47	Seroprevalence and risk factors of <i>Toxoplasma gondii</i> infection in humans in East Hararghe Zone, Ethiopia. <i>Epidemiology and Infection</i> , 2016, 144, 64-71.	1.0	8
48	Molecular Characterization of Antimicrobial Resistance and Virulence Genes of Bacterial Pathogens from Bovine and Caprine Mastitis in Northern Lebanon. <i>Microorganisms</i> , 2021, 9, 1148.	1.6	8
49	Can Human Handling Increase the Presence of Multidrug Resistance (MDR) in <i>Salmonella</i> spp. Isolated from Food Sources?. <i>Microorganisms</i> , 2021, 9, 2018.	1.6	8
50	<i>Cryptosporidium</i> and <i>Giardia</i> infections in dairy calves in southern Ethiopia. <i>Parasite Epidemiology and Control</i> , 2020, 10, e00155.	0.6	7
51	Retrieving Historical Cases of Aujeszky's Disease in Sicily (Italy): Report of a Natural Outbreak Affecting Sheep, Goats, Dogs, Cats and Foxes and Considerations on Critical Issues and Perspectives in Light of the Recent EU Regulation 429/2016. <i>Pathogens</i> , 2021, 10, 1301.	1.2	7
52	Prion protein gene frequencies in three Sicilian dairy sheep populations. <i>Italian Journal of Animal Science</i> , 2008, 7, 87-94.	0.8	6
53	Expansion of intracellular IFN- γ positive lymphocytes during <i>Mycoplasma agalactiae</i> infection in sheep. <i>Research in Veterinary Science</i> , 2011, 91, e64-e67.	0.9	6
54	Two novel amino acid substitutions in highly conserved regions of prion protein (PrP) and a high frequency of a scrapie protective variant in native Ethiopian goats. <i>BMC Veterinary Research</i> , 2019, 15, 128.	0.7	6

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55	Prevalence and risk factors of <i>Toxoplasma gondii</i> and <i>Leishmania</i> spp. infections in apparently healthy dogs in west Shewa zone, Oromia, Ethiopia. <i>BMC Veterinary Research</i> , 2021, 17, 284.	0.7	6
56	Virulence, Antimicrobial Resistance and Biofilm Production of <i>Escherichia coli</i> Isolates from Healthy Broiler Chickens in Western Algeria. <i>Antibiotics</i> , 2021, 10, 1157.	1.5	6
57	Antimicrobial Resistance (AMR) of Bacteria Isolated from Dogs with Canine Parvovirus (CPV) Infection: The Need for a Rational Use of Antibiotics in Companion Animal Health. <i>Antibiotics</i> , 2022, 11, 142.	1.5	6
58	Rho-dependence of the terminator active at the end of the I region of transcription of bacteriophage f1. <i>Molecular Genetics and Genomics</i> , 1984, 195, 5-9.	2.4	5
59	A Region Upstream of the Human $\hat{\gamma}$ -Globin Gene Shows a Stage-Specific Interaction with Globin Promoters in Erythroid Cell Lines. <i>Blood Cells, Molecules, and Diseases</i> , 2001, 27, 874-881.	0.6	5
60	Majority of <i>T. gondii</i> seropositive chickens (<i>Gallus domesticus</i>) in Central Ethiopia carries the infective parasite. <i>Acta Veterinaria Scandinavica</i> , 2014, 56, 60.	0.5	5
61	Biofilm Related to Animal Health, Zoonosis and Food Transmitted Diseases: Alternative Targets for Antimicrobial Strategy?. <i>Journal of Microbial & Biochemical Technology</i> , 2012, 04, .	0.2	5
62	Transcription in bacteriophage f1-infected <i>Escherichia coli</i> : RNA synthesized on DNA of deletion mutant PII shows the existence of a two-site terminator. <i>Molecular Genetics and Genomics</i> , 1984, 195, 411-417.	2.4	4
63	<i>M. bovis</i> infection in pigs: Improvement of the $\hat{\gamma}$ -IFN assay efficiency in this species using a maintenance medium. <i>Tuberculosis</i> , 2018, 108, 151-154.	0.8	4
64	Stimulation of Bovine Whole-Blood Samples Cultured in Media Supplemented with Recombinant Interleukin-7 (IL-7) and IL-12 Extends the Life Span of the Gamma Interferon Assay To Detect <i>Mycobacterium bovis</i> -Infected Cattle. <i>Journal of Clinical Microbiology</i> , 2016, 54, 2315-2320.	1.8	3
65	Readthrough transcription occurs at the rho dependent signal F1 TIVin suppressor cells. <i>Nucleic Acids Research</i> , 1990, 18, 865-870.	6.5	2
66	Food Safety or Typical Dishes?: <i>Toxoplasma gondii</i> and Educational Preventive Campaign. <i>Foodborne Pathogens and Disease</i> , 2013, 10, 196-196.	0.8	2
67	Zoonotic tuberculosis: a complex issue of the <i>Mycobacterium tuberculosis</i> complex. <i>Lancet Microbe</i> , The, 2020, 1, e45-e46.	3.4	2
68	Hepatitis C virus replication in chronic liver disease. <i>Journal of Hepatology</i> , 1991, 13, S40-S41.	1.8	1
69	Polypoid nasal neoformations in sheep: Pathological investigations. <i>Small Ruminant Research</i> , 2015, 126, 6-9.	0.6	1
70	Ocular squamous cell carcinoma in Valle del Belice sheep: Histology and immunohistochemistry. <i>Small Ruminant Research</i> , 2015, 126, 28-32.	0.6	1
71	Intra-vitam Diagnosis of Tuberculosis in Pigs: Concordance Between Interferon-Gamma Release Assay and Comparative Tuberculin Skin Test. <i>Frontiers in Veterinary Science</i> , 2020, 7, 591444.	0.9	1
72	Tuberculosis caused by <i>Mycobacterium bovis</i> in a striped dolphin (<i>Stenella coeruleoalba</i>) in the coasts of Sicily (Italy). <i>European Journal of Wildlife Research</i> , 2022, 68, 1.	0.7	1

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73	Lesions Consistent with Tuberculous Spondylitis in Domestic and Wild Swine and Their Potential Use as a Model for Pott Disease in Humans. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1214, 23-30.	0.8	0
74	Phenotypic and genotypic study on antibiotic resistance and pathogenic factors of <i>Staphylococcus aureus</i> isolates from small ruminant mastitis milk in South of Italy (Sicily). <i>Italian Journal of Food Safety</i> , 2021, 10, 9722.	0.5	0