Leonardo Susta

List of Publications by Year
in descending order

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69 papers	1,575 citations	393982 19 h-index	329751 37 g-index
70 all docs	70 docs citations	70 times ranked	1599 citing authors

#	Article	IF	Citations
1	Newcastle disease. Journal of Veterinary Diagnostic Investigation, 2011, 23, 637-656.	0.5	179
2	Role of Poultry in the Spread of Novel H7N9 Influenza Virus in China. Journal of Virology, 2014, 88, 5381-5390.	1.5	127
3	Virulent Newcastle disease virus elicits a strong innate immune response in chickens. Journal of General Virology, 2011, 92, 931-939.	1.3	125
4	Highly Divergent Virulent Isolates of Newcastle Disease Virus from the Dominican Republic Are Members of a New Genotype That May Have Evolved Unnoticed for Over 2 Decades. Journal of Clinical Microbiology, 2013, 51, 508-517.	1.8	88
5	Clinicopathological Characterization in Poultry of Three Strains of Newcastle Disease Virus Isolated From Recent Outbreaks. Veterinary Pathology, 2011, 48, 349-360.	0.8	87
6	Complete Genome and Clinicopathological Characterization of a Virulent Newcastle Disease Virus Isolate from South America. Journal of Clinical Microbiology, 2012, 50, 378-387.	1.8	75
7	Pathologic Characterization of Genotypes XIV and XVII Newcastle Disease Viruses and Efficacy of Classical Vaccination on Specific Pathogen-Free Birds. Veterinary Pathology, 2015, 52, 120-131.	0.8	48
8	In vivo transcriptional cytokine responses and association with clinical and pathological outcomes in chickens infected with different Newcastle disease virus isolates using formalin-fixed paraffin-embedded samples. Veterinary Immunology and Immunopathology, 2011, 141, 221-229.	0.5	46
9	Expression of interferon gamma by a highly virulent strain of Newcastle disease virus decreases its pathogenicity in chickens. Microbial Pathogenesis, 2013, 61-62, 73-83.	1.3	46
10	Neurological lesions in chickens experimentally infected with virulent Newcastle disease virus isolates. Avian Pathology, 2011, 40, 145-152.	0.8	39
11	Development of an improved vaccine evaluation protocol to compare the efficacy of Newcastle disease vaccines. Biologicals, 2015, 43, 136-145.	0.5	39
12	Evolutionary Changes Affecting Rapid Identification of 2008 Newcastle Disease Viruses Isolated from Double-Crested Cormorants. Journal of Clinical Microbiology, 2010, 48, 2440-2448.	1.8	38
13	Early Occurrence of Apoptosis in Lymphoid Tissues from Chickens Infected with Strains of Newcastle Disease Virus of Varying Virulence. Journal of Comparative Pathology, 2011, 145, 327-335.	0.1	37
14	Production and Purification of High-Titer Newcastle Disease Virus for Use in Preclinical Mouse Models of Cancer. Molecular Therapy - Methods and Clinical Development, 2018, 9, 181-191.	1.8	32
15	Antimicrobial resistance in fecal Escherichia coli and Salmonella enterica isolates: a two-year prospective study of small poultry flocks in Ontario, Canada. BMC Veterinary Research, 2019, 15, 464.	0.7	31
16	Antimicrobial resistance in Campylobacter jejuni and Campylobacter coli isolated from small poultry flocks in Ontario, Canada: A two-year surveillance study. PLoS ONE, 2019, 14, e0221429.	1.1	30
17	Expression of chicken interleukin-2 by a highly virulent strain of Newcastle disease virus leads to decreased systemic viral load but does not significantly affect mortality in chickens. Virology Journal, 2015, 12, 122.	1.4	26
18	Neuropathogenic Capacity of Lentogenic, Mesogenic, and Velogenic Newcastle Disease Virus Strains in Day-Old Chickens. Veterinary Pathology, 2016, 53, 53-64.	0.8	25

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19	Separate Evolution of Virulent Newcastle Disease Viruses from Mexico and Central America. Journal of Clinical Microbiology, 2014, 52, 1382-1390.	1.8	23
20	Lipid-Related Lesions in Quaker Parrots (Myiopsitta monachus). Veterinary Pathology, 2019, 56, 282-288.	0.8	22
21	Prevalence of breast muscle myopathies (spaghetti meat, woody breast, white striping) and associated risk factors in broiler chickens from Ontario Canada. PLoS ONE, 2022, 17, e0267019.	1.1	21
22	An In Situ Hybridization and Immunohistochemical Study of Cytauxzoonosis in Domestic Cats. Veterinary Pathology, 2009, 46, 1197-1204.	0.8	18
23	Vaccination of chickens decreased Newcastle disease virus contamination in eggs. Avian Pathology, 2016, 45, 38-45.	0.8	18
24	Enhancing Immune Responses to Cancer Vaccines Using Multi-Site Injections. Scientific Reports, 2017, 7, 8322.	1.6	18
25	Pathogenesis of New Strains of Newcastle Disease Virus From Israel and Pakistan. Veterinary Pathology, 2016, 53, 792-796.	0.8	17
26	Characteristics of broiler chicken breast myopathies (spaghetti meat, woody breast, white striping) in Ontario, Canada. Poultry Science, 2022, 101, 101747.	1.5	17
27	Newcastle Disease Virus Infection in Quail. Veterinary Pathology, 2018, 55, 682-692.	0.8	16
28	A two-year prospective study of small poultry flocks in Ontario, Canada, part 1: prevalence of viral and bacterial pathogens. Journal of Veterinary Diagnostic Investigation, 2019, 31, 327-335.	0.5	15
29	Process Development for Newcastle Disease Virus-Vectored Vaccines in Serum-Free Vero Cell Suspension Cultures. Vaccines, 2021, 9, 1335.	2.1	15
30	Pathogenicity evaluation of different Newcastle disease virus chimeras in 4-week-old chickens. Tropical Animal Health and Production, 2010, 42, 1785-1795.	0.5	14
31	Synovial Lesions in Experimental Canine Lyme Borreliosis. Veterinary Pathology, 2012, 49, 453-461.	0.8	14
32	DETECTION OF LYMPHOPROLIFERATIVE DISEASE VIRUS IN CANADA IN A SURVEY FOR VIRUSES IN ONTARIO WILD TURKEYS (MELEAGRIS GALLOPAVO). Journal of Wildlife Diseases, 2019, 55, 113.	0.3	14
33	Lymphoma in Psittacine Birds: A Histological and Immunohistochemical Assessment. Veterinary Pathology, 2021, 58, 663-673.	0.8	14
34	Molecular and pathological investigations of the central nervous system inBorrelia burgdorferiâ€“infected dogs. Journal of Veterinary Diagnostic Investigation, 2011, 23, 757-763.	0.5	12
35	Tropism of Newcastle disease virus strains for chicken neurons, astrocytes, oligodendrocytes, and microglia. BMC Veterinary Research, 2019, 15, 317.	0.7	12
36	A two-year prospective study of small poultry flocks in Ontario, Canada, part 2: causes of morbidity and mortality. Journal of Veterinary Diagnostic Investigation, 2019, 31, 336-342.	0.5	12

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37	Combining vanadyl sulfate with Newcastle disease virus potentiates rapid innate immune-mediated regression with curative potential in murine cancer models. Molecular Therapy - Oncolytics, 2021, 20, 306-324.	2.0	12
38	Intranasal vaccination with a Newcastle disease virus-vectored vaccine protects hamsters from SARS-CoV-2 infection and disease. IScience, 2021, 24, 103219.	1.9	12
39	AAV Vectored Immunoprophylaxis for Filovirus Infections. Tropical Medicine and Infectious Disease, 2020, 5, 169.	0.9	11
40	Isolation of Ontario aquatic bird bornavirus 1 and characterization of its replication in immortalized avian cell lines. Virology Journal, 2020, 17, 16.	1.4	11
41	Complete Genome Sequencing of a Novel Newcastle Disease Virus Isolate Circulating in Layer Chickens in the Dominican Republic. Journal of Virology, 2012, 86, 9550-9550.	1.5	9
42	Captive Psittacine Birds in Ontario, Canada: a 19-Year Retrospective Study of the Causes of Morbidity and Mortality. Journal of Comparative Pathology, 2019, 171, 38-52.	0.1	9
43	Production of Adeno-Associated Virus Vectors in Cell Stacks for Preclinical Studies in Large Animal Models. Journal of Visualized Experiments, 2021, , .	0.2	9
44	Derivation of chicken induced pluripotent stem cells tolerant to Newcastle disease virus-induced lysis through multiple rounds of infection. Virology Journal, 2016, 13, 205.	1.4	8
45	In Vitro and In Ovo Host Restriction of Aquatic Bird Bornavirus 1 in Different Avian Hosts. Viruses, 2020, 12, 1272.	1.5	7
46	Safety and Tolerability of the Adeno-Associated Virus Vector, AAV6.2FF, Expressing a Monoclonal Antibody in Murine and Ovine Animal Models. Biomedicines, 2021, 9, 1186.	1.4	7
47	Comparing three textural measurements of chicken breast fillets affected by severe wooden breast and spaghetti meat. Italian Journal of Animal Science, 2021, 20, 465-471.	0.8	7
48	Necrotic enteritis locus 1 diguanylate cyclase and phosphodiesterase (cyclic-di-GMP) gene mutation attenuates virulence in an avian necrotic enteritis isolate of Clostridium perfringens. Veterinary Microbiology, 2017, 208, 69-73.	0.8	6
49	Intestinal colonization and acute immune response in commercial turkeys following inoculation with Campylobacter jejuni constructs encoding antibiotic-resistance markers. Veterinary Immunology and Immunopathology, 2019, 210, 6-14.	0.5	6
50	Demographic Characteristics and Husbandry and Biosecurity Practices of Small Poultry Flocks in Ontario, Canada. Avian Diseases, 2021, 65, 287-294.	0.4	6
51	Delayed Newcastle disease virus replication using RNA interference to target the nucleoprotein. Biologicals, 2015, 43, 274-280.	0.5	5
52	Pathology in Practice. Journal of the American Veterinary Medical Association, 2013, 243, 57-59.	0.2	4
53	Comparing Presence of Avian Paramyxovirus-1 Through Immunohistochemistry in Tracheas of Experimentally and Naturally Infected Chickens. Avian Diseases, 2013, 57, 36-40.	0.4	4
54	Perforating foreign body in the ventriculus of a pet pigeon (Columba livia domestica). Journal of the American Veterinary Medical Association, 2018, 253, 1610-1616.	0.2	4

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55	HIGH PREVALENCE OF MYCOPLASMA AND EIMERIA SPECIES IN FREE-RANGING EASTERN WILD TURKEYS (MELEAGRIS GALLOPAVO SILVESTRIS) IN ONTARIO, CANADA. Journal of Wildlife Diseases, 2019, 55, 54.	0.3	4
56	Evaluation of chickens infected with a recombinant virulent NDV clone expressing chicken IL4. Microbial Pathogenesis, 2021, 159, 105116.	1.3	4
57	Pathology in Practice. Journal of the American Veterinary Medical Association, 2014, 245, 899-901.	0.2	3
58	Avian Influenza Virus and Newcastle Disease Virus. , 2017, , 547-559.		3
59	Survey for Bacteria and Antimicrobial Resistance in Wild Turkeys (Meleagris gallopavo) in Ontario, Canada. Avian Diseases, 2018, 62, 184-188.	0.4	3
60	Pathology in Practice. Journal of the American Veterinary Medical Association, 2010, 237, 277-279.	0.2	3
61	Turkey ovarian tissue transplantation: effects of surgical technique on graft attachment and immunological status of the grafts, 6 days post-surgery. Poultry Science, 2022, 101, 101648.	1.5	3
62	Prevalence and risk factors of hepatic lipid changes in bearded dragons (Pogona vitticeps). Veterinary Pathology, 2023, 60, 133-138.	0.8	2
63	Reply to â€œMay Newly Defined Subgenotypes Va and Vb of Newcastle Disease Virus in Poultry Be Considered Two Different Genotypes?â€• Journal of Clinical Microbiology, 2016, 54, 2205-2206.	1.8	1
64	Vasculitis Associated with Parrot Bornavirus 4ÂInfection in a Rose-Crowned Parakeet (Pyrrhura) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	0.1	1
65	Development and use of a triplex real-time PCR assay for detection of three DNA viruses in psittacine birds. Journal of Veterinary Diagnostic Investigation, 2019, 31, 719-725.	0.5	0
66	Characterization of a fowl adenovirus 9 (FAdV-9) early promoter and its application in generating dual expression FAdV-9s. Journal of Virological Methods, 2021, 294, 114172.	1.0	0
67	Iridociliary adenoma in a greater sulfur-crested cockatoo. Canadian Veterinary Journal, 2021, 62, 226-232.	0.0	0
68	Demographic, Husbandry, and Biosecurity Factors Associated with the Presence of Campylobacter spp. in Small Poultry Flocks in Ontario, Canada. Pathogens, 2021, 10, 1471.	1.2	0
69	Using a Prime-Boost Vaccination Strategy That Proved Effective for High Resolution Epitope Mapping to Characterize the Elusive Immunogenicity of Survivin. Cancers, 2021, 13, 6270.	1.7	0