

N Santos

List of Publications by Year in descending order

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90
papers

5,427
citations

159585

30
h-index

82547

72
g-index

91
all docs

91
docs citations

91
times ranked

2938
citing authors

#	ARTICLE	IF	CITATIONS
1	Global distribution of rotavirus serotypes/genotypes and its implication for the development and implementation of an effective rotavirus vaccine. <i>Reviews in Medical Virology</i> , 2005, 15, 29-56.	8.3	1,106
2	Uniformity of rotavirus strain nomenclature proposed by the Rotavirus Classification Working Group (RCWG). <i>Archives of Virology</i> , 2011, 156, 1397-1413.	2.1	827
3	Recommendations for the classification of group A rotaviruses using all 11 genomic RNA segments. <i>Archives of Virology</i> , 2008, 153, 1621-1629.	2.1	642
4	Identification of bovine and porcine rotavirus G types by PCR. <i>Journal of Clinical Microbiology</i> , 1994, 32, 1338-1340.	3.9	243
5	Rotavirus serotype G5 associated with diarrhea in Brazilian children. <i>Journal of Clinical Microbiology</i> , 1994, 32, 1408-1409.	3.9	196
6	VP4 typing of bovine and porcine group A rotaviruses by PCR. <i>Journal of Clinical Microbiology</i> , 1994, 32, 1333-1337.	3.9	151
7	Detection of Rotavirus Types G8 and G10 among Brazilian Children with Diarrhea. <i>Journal of Clinical Microbiology</i> , 1998, 36, 2727-2729.	3.9	134
8	Survey of rotavirus G and P types associated with human gastroenteritis in São Paulo, Brazil, from 1986 to 1992. <i>Journal of Clinical Microbiology</i> , 1994, 32, 2622-2624.	3.9	133
9	In vitro anti-rotavirus activity of some medicinal plants used in Brazil against diarrhea. <i>Journal of Ethnopharmacology</i> , 2005, 99, 403-407.	4.1	130
10	Rotavirus Strains Bearing Genotype G9 or P[9] Recovered from Brazilian Children with Diarrhea from 1997 to 1999. <i>Journal of Clinical Microbiology</i> , 2001, 39, 1157-1160.	3.9	91
11	Human Bocavirus Infection in Children with Gastroenteritis, Brazil. <i>Emerging Infectious Diseases</i> , 2007, 13, 1756-1758.	4.3	85
12	Detection of Porcine Rotavirus Type G9 and of a Mixture of Types G1 and G5 Associated with Wa-Like VP4 Specificity: Evidence for Natural Human-Porcine Genetic Reassortment. <i>Journal of Clinical Microbiology</i> , 1999, 37, 2734-2736.	3.9	70
13	VP4 genotyping of human rotavirus in the United States. <i>Journal of Clinical Microbiology</i> , 1994, 32, 205-208.	3.9	64
14	Predominance of Rotavirus Genotype G9 during the 1999, 2000, and 2002 Seasons among Hospitalized Children in the City of Salvador, Bahia, Brazil: Implications for Future Vaccine Strategies. <i>Journal of Clinical Microbiology</i> , 2005, 43, 4064-4069.	3.9	63
15	Rotavirus Serotype G9 Strains Belonging to VP7 Gene Phylogenetic Sequence Lineage 1 May Be More Suitable for Serotype G9 Vaccine Candidates than Those Belonging to Lineage 2 or 3. <i>Journal of Virology</i> , 2004, 78, 7795-7802.	3.4	59
16	Rotavirus diarrhea in children and adults in a southern city of Brazil in 2003: Distribution of G/P types and finding of a rare G12 strain. <i>Journal of Medical Virology</i> , 2006, 78, 1241-1249.	5.0	58
17	Human bocavirus species 2 and 3 in Brazil. <i>Journal of Clinical Virology</i> , 2010, 48, 127-130.	3.1	58
18	Restriction endonuclease analysis of the vp7 genes of human and animal rotaviruses. <i>Journal of Clinical Microbiology</i> , 1993, 31, 917-923.	3.9	57

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19	Rotavirus-Specific Humoral and Cellular Immune Response after Primary, Symptomatic Infection. <i>Journal of Infectious Diseases</i> , 1993, 167, 1436-1440.	4.0	54
20	Identification of Norwalk virus in artificially seeded shellfish and selected foods. <i>Journal of Virological Methods</i> , 1994, 48, 177-187.	2.1	50
21	A novel human rotavirus serotype with dual G5-G11 specificity.. <i>Journal of General Virology</i> , 1997, 78, 1373-1378.	2.9	48
22	Rotavirus surveillance in the city of Rio de Janeiro-Brazil during 2000-2004: Detection of unusual strains with G8P[4] or G10P[9] specificities. <i>Journal of Medical Virology</i> , 2006, 78, 263-272.	5.0	46
23	Norovirus Detection and Genotyping for Children with Gastroenteritis, Brazil. <i>Emerging Infectious Diseases</i> , 2007, 13, 1244-1246.	4.3	44
24	A porcine G9 rotavirus strain shares neutralization and VP7 phylogenetic sequence lineage 3 characteristics with contemporary human G9 rotavirus strains. <i>Virology</i> , 2005, 332, 177-188.	2.4	43
25	Improved method for purification of viral RNA from fecal specimens for rotavirus detection. <i>Journal of Virological Methods</i> , 1994, 46, 11-21.	2.1	37
26	VP7 gene polymorphism of serotype G9 rotavirus strains and its impact on G genotype determination by PCR. <i>Virus Research</i> , 2003, 93, 127-138.	2.2	37
27	Identification of two lineages (WA-like and F45-like) within the major rotavirus genotype P[8]. <i>Virus Research</i> , 1999, 59, 141-147.	2.2	35
28	Surveillance of Rotavirus Strains in Rio de Janeiro, Brazil, from 1997 to 1999. <i>Journal of Clinical Microbiology</i> , 2003, 41, 3399-3402.	3.9	34
29	Development and Validation of DNA Microarray for Genotyping Group A Rotavirus VP4 (P[4], P[6], P[8],) Tj ETQq1 1 0.784314 rgBT /Ov 2641-2648.	3.9	34
30	Structure and anti-metapneumovirus activity of sulfated galactans from the red seaweed <i>Cryptonemia seminervis</i> . <i>Carbohydrate Polymers</i> , 2014, 101, 313-323.	10.2	34
31	Comparative analysis of VP8* sequences from rotaviruses possessing M37-like VP4 recovered from children with and without diarrhoea. <i>Journal of General Virology</i> , 1994, 75, 1775-1780.	2.9	32
32	Prevalence of enteric adenoviruses among children with diarrhea in four Brazilian cities. <i>Journal of Clinical Virology</i> , 2002, 23, 171-177.	3.1	30
33	Development of a Microtiter Plate Hybridization-Based PCR-Enzyme-Linked Immunosorbent Assay for Identification of Clinically Relevant Human Group A Rotavirus G and P Genotypes. <i>Journal of Clinical Microbiology</i> , 2008, 46, 462-469.	3.9	28
34	Novel Respiratory Virus Infections in Children, Brazil. <i>Emerging Infectious Diseases</i> , 2009, 15, 806-808.	4.3	28
35	Use of acridine orange staining for the detection of rotavirus RNA in polyacrylamide gels. <i>Journal of Virological Methods</i> , 2003, 114, 29-35.	2.1	26
36	Identification of two novel Rotavirus A genotypes, G35 and P[50], from Peruvian alpaca faeces. <i>Infection, Genetics and Evolution</i> , 2017, 55, 71-74.	2.3	26

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37	A rotavirus strain isolated from pig-tailed macaque (<i>Macaca nemestrina</i>) with diarrhea bears a P6[1]:G8 specificity. <i>Virology</i> , 2006, 345, 1-12.	2.4	25
38	Astrovirus detection in sporadic cases of diarrhea among hospitalized and non-hospitalized children in Rio De Janeiro, Brazil, from 1998 to 2004. <i>Journal of Medical Virology</i> , 2008, 80, 113-117.	5.0	25
39	In Vitro Anti-HMPV Activity of Meroditerpenoids from Marine Alga <i>Styopodium zonale</i> (Dictyotales). <i>Molecules</i> , 2011, 16, 8437-8450.	3.8	25
40	Correspondence. <i>Vaccine</i> , 1999, 17, 1291-1292.	3.8	24
41	Outbreak of diarrhea among preweaning alpacas (<i>Vicugna pacos</i>) in the southern Peruvian highland. <i>Journal of Infection in Developing Countries</i> , 2016, 10, 269-274.	1.2	24
42	VP7 gene polymorphism of serotype G9 rotavirus strains and its impact on G genotype determination by PCR. <i>Virus Research</i> , 2002, 90, 1-14.	2.2	23
43	Refractory pemphigus vulgaris associated with herpes infection: case report and review. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 2011, 53, 113-117.	1.1	23
44	Molecular epidemiology of adenovirus conjunctivitis in Rio de Janeiro, Brazil, between 2004 and 2007. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 2009, 51, 227-229.	1.1	23
45	The stability of porcine rotavirus in feces. <i>Veterinary Microbiology</i> , 2000, 71, 1-8.	1.9	22
46	Shedding of polyomavirus in the saliva of immunocompetent individuals. <i>Journal of Medical Virology</i> , 2013, 85, 144-148.	5.0	20
47	Multiple gene characterization of rotavirus strains: Evidence of genetic linkage among the VP7, VP4, VP6, and NSP4 encoding genes. <i>Journal of Medical Virology</i> , 2010, 82, 1797-1802.	5.0	19
48	Genetic diversity and zoonotic potential of rotavirus <i>A</i> strains in the southern Andean highlands, Peru. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 1718-1726.	3.0	19
49	Salivirus and aichivirus A infections in children with gastroenteritis in Brazil. <i>Clinical Microbiology and Infection</i> , 2015, 21, 799.e1-799.e3.	6.0	18
50	Circulation of antibodies against yellow fever virus in a simian population in the area of Porto Primavera Hydroelectric Plant, São Paulo, Brazil. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 2010, 52, 11-16.	1.1	16
51	Laboratory Diagnosis of Herpesvirus Infections in Patients with Pemphigus Vulgaris Lesions. <i>Intervirology</i> , 2013, 56, 231-236.	2.8	16
52	The VP7 Genes of Two G9 Rotaviruses Isolated in 1980 from Diarrheal Stool Samples Collected in Washington, DC, Are Unique Molecularly and Serotypically. <i>Journal of Virology</i> , 2008, 82, 4175-4179.	3.4	15
53	Relationship among serotype G3P5A rotavirus strains isolated from different host species. <i>Molecular and Cellular Probes</i> , 1998, 12, 379-386.	2.1	14
54	The Global Spread of Rotavirus G10 Strains: Detection in Ghanaian Children Hospitalized with Diarrhea. <i>Journal of Infectious Diseases</i> , 2010, 202, S231-S238.	4.0	14

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55	Current status of herpesvirus identification in the oral cavity of HIV-infected children. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2013, 46, 15-19.	0.9	14
56	Whole-genome characterization of a Peruvian alpaca rotavirus isolate expressing a novel VP4 genotype. <i>Veterinary Microbiology</i> , 2016, 196, 27-35.	1.9	14
57	Outbreak of severe gastroenteritis in adults and children associated with type G2 rotavirus. Study Group on Diarrhea of the Instituto Adolfo Lutz. <i>Journal of Diarrhoeal Diseases Research</i> , 1996, 14, 71-4.	0.0	12
58	Acute respiratory viral infections in children in Rio de Janeiro and TeresÃ³polis, Brazil. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 2012, 54, 249-255.	1.1	11
59	Polymorphism of rotavirus genotype G1 in Brazil: In silico analysis of variant strains circulating in Rio de Janeiro from 1996 to 2004. <i>Infection, Genetics and Evolution</i> , 2012, 12, 1397-1404.	2.3	11
60	Frequency of viral etiology in symptomatic adult upper respiratory tract infections. <i>Brazilian Journal of Infectious Diseases</i> , 2015, 19, 30-35.	0.6	11
61	Rotavirus A, C, and H in Brazilian pigs: potential for zoonotic transmission of RVA. <i>Journal of Veterinary Diagnostic Investigation</i> , 2021, 33, 129-135.	1.1	11
62	Human rotavirus strains bearing VP4 gene P[6] allele recovered from asymptomatic or symptomatic infections share similar, if not identical, VP4 neutralization specificities. <i>Virology</i> , 2003, 316, 1-8.	2.4	10
63	Genotyping of Enteric Adenoviruses by Using Single-Stranded Conformation Polymorphism Analysis and Heteroduplex Mobility Assay. <i>Journal of Clinical Microbiology</i> , 2004, 42, 1723-1726.	3.9	10
64	Polyomavirus in Saliva of HIV-infected Children, Brazil. <i>Emerging Infectious Diseases</i> , 2013, 19, 155-157.	4.3	10
65	Molecular characterization of group A rotavirus isolates obtained from hospitalized children in Salvador, Bahia, Brazil. <i>Brazilian Journal of Infectious Diseases</i> , 2007, 11, 35-9.	0.6	9
66	Identification of hepatitis E virus in clinical specimens: amplification of hydroxyapatite-purified virus RNA and restriction endonuclease analysis. <i>Journal of Virological Methods</i> , 1997, 69, 53-61.	2.1	8
67	First Evidence of a Trisegmented Double-Stranded RNA Virus in Canine Faeces. <i>Veterinary Journal</i> , 2001, 161, 205-207.	1.7	8
68	Hepatitis E virus infection of slaughtered healthy pigs in Brazil. <i>Zoonoses and Public Health</i> , 2018, 65, 501-504.	2.2	8
69	Diagnosis and treatment of persistent oral lesions caused by herpesvirus in a patient with pemphigus vulgaris. <i>International Journal of Dermatology</i> , 2011, 50, 335-339.	1.0	7
70	Identification of Herpesvirus types 1-8 in oral cavity of children/adolescents with chronic renal failure. <i>Journal of Oral Pathology and Medicine</i> , 2011, 40, 610-615.	2.7	7
71	Adenoviruses isolated from civilian and military personnel in the city of Rio de Janeiro, Brazil. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 2003, 45, 233-236.	1.1	7
72	Molecular characterization of viruses associated with gastrointestinal infection in HIV-positive patients. <i>Brazilian Journal of Infectious Diseases</i> , 2010, 14, 549-552.	0.6	6

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73	Molecular epidemiology of coronavirus in faeces of Brazilian calves and Peruvian camelid herds. <i>Journal of Infection in Developing Countries</i> , 2018, 12, 037-042.	1.2	6
74	Influenza A virus infection of healthy piglets in an abattoir in Brazil: animal-human interface and risk for interspecies transmission. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2013, 108, 548-553.	1.6	5
75	Porcine rotavirus C strains carrying human-like NSP4 and NSP5. <i>Zoonoses and Public Health</i> , 2020, 67, 849-861.	2.2	5
76	Enteric Viral Infections among Domesticated South American Camelids: First Detection of Mammalian Orthoreovirus in Camelids. <i>Animals</i> , 2021, 11, 1455.	2.3	5
77	LACK OF ASSOCIATION BETWEEN HERPESVIRUS DETECTION IN SALIVA AND GINGIVITIS IN HIV-INFECTED CHILDREN. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 2015, 57, 221-225.	1.1	4
78	Asthma exacerbation and viral infection in adult patients, Brazil. <i>Brazilian Journal of Infectious Diseases</i> , 2015, 19, 446-448.	0.6	4
79	Human polyomavirus KI, WU, BK, and JC in healthy volunteers. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019, 38, 135-139.	2.9	4
80	Detection and characterization of human rotavirus in hospitalized patients in the cities of Ponta Grossa, Londrina and Assai - Pr, Brazil. <i>Brazilian Journal of Infectious Diseases</i> , 2010, 14, 553-557.	0.6	3
81	Sulfated fucan from marine alga inhibits HeLa cells infection by HTLV-1 free particles: semi-quantitative analysis. <i>Revista Brasileira De Farmacognosia</i> , 2011, 21, 229-233.	1.4	3
82	Human polyomaviruses 10 and 11 in faecal samples from Brazilian children. <i>Brazilian Journal of Microbiology</i> , 2020, 51, 585-591.	2.0	3
83	Rotavirus F and G circulating in chickens in Southeastern Brazil. <i>Tropical Animal Health and Production</i> , 2022, 54, 113.	1.4	3
84	RVA in Pet, Sheltered, and Stray Dogs and Cats in Brazil. <i>Topics in Companion Animal Medicine</i> , 2022, 49, 100667.	0.9	3
85	Genotyping of human polyomavirus 1 detected in saliva. <i>Gene Reports</i> , 2022, 27, 101629.	0.8	2
86	Incidence of group A rotavirus in urban and rural areas of the city of Londrina-Brazil, from 1995 to 1997. <i>Brazilian Archives of Biology and Technology</i> , 2001, 44, 257-261.	0.5	1
87	Detection and characterization of human rotavirus in hospitalized patients in the cities of Ponta Grossa, Londrina and Assai - PR, Brazil. <i>Brazilian Journal of Infectious Diseases</i> , 2010, 14, 553-557.	0.6	1
88	Detection and Characterization of Novel Rotavirus Strains in the United States. <i>Journal of Clinical Microbiology</i> , 1999, 37, 2385-2386.	3.9	1
89	Rotaviruses A and C in dairy cattle in the state of Rio de Janeiro, Brazil. <i>Brazilian Journal of Microbiology</i> , 2022, 53, 1657-1663.	2.0	1
90	Susceptibility of a continuous murine cell line (GRX) to viral infection. <i>Revista Pan-Amazônica De Saúde</i> , 2011, 2, 65-69.	0.2	0