Tulio Machado Fumian

List of Publications by Year
in descending order

63	1,986	257357	276775
papers	citations	24 h-index	41 g-index

64	64	64	2149
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Wastewater-based epidemiology as a useful tool to track SARS-CoV-2 and support public health policies at municipal level in Brazil. Water Research, 2021, 191, 116810.	5.3	161
2	Molecular Detection and Characterization of Gastroenteritis Viruses Occurring Naturally in the Stream Waters of Manaus, Central Amazoì,nia, Brazil. Applied and Environmental Microbiology, 2008, 74, 375-382.	1.4	129
3	Detection of rotavirus A in sewage samples using multiplex qPCR and an evaluation of the ultracentrifugation and adsorption-elution methods for virus concentration. Journal of Virological Methods, 2010, 170, 42-46.	1.0	107
4	Detection and quantification of classic and emerging viruses by skimmed-milk flocculation and PCR in river water from two geographical areas. Water Research, 2013, 47, 2797-2810.	5.3	92
5	Global Trends in Norovirus Genotype Distribution among Children with Acute Gastroenteritis. Emerging Infectious Diseases, 2021, 27, 1438-1445.	2.0	85
6	Preliminary results of SARS-CoV-2 detection in sewerage system in NiterÃ³i municipality, Rio de Janeiro, Brazil. Memorias Do Instituto Oswaldo Cruz, 2020, 115, e200196.	0.8	78
7	Evaluation of an adsorptionâ€“elution method for detection of astrovirus and norovirus in environmental waters. Journal of Virological Methods, 2009, 156, 73-76.	1.0	75
8	Viral load and genotypes of noroviruses in symptomatic and asymptomatic children in Southeastern Brazil. Journal of Clinical Virology, 2010, 47, 60-64.	1.6	75
9	Detection of norovirus epidemic genotypes in raw sewage using next generation sequencing. Environment International, 2019, 123, 282-291.	4.8	65
10	A rapid procedure for detecting noroviruses from cheese and fresh lettuce. Journal of Virological Methods, 2009, 155, 39-43.	1.0	62
11	One year monitoring of norovirus in a sewage treatment plant in Rio de Janeiro, Brazil. Journal of Water and Health, 2010, 8, 158-165.	1.1	59
12	Assessment of Gastroenteric Viruses Frequency in a Children's Day Care Center in Rio De Janeiro, Brazil: A Fifteen Year Study (1994â€“2008). PLoS ONE, 2012, 7, e33754.	1.1	59
13	One year environmental surveillance of rotavirus specie A (RVA) genotypes in circulation after the introduction of the RotarixÂ® vaccine in Rio de Janeiro, Brazil. Water Research, 2011, 45, 5755-5763.	5.3	58
14	Assessment of burden of virus agents in an urban sewage treatment plant in Rio de Janeiro, Brazil. Journal of Water and Health, 2013, 11, 110-119.	1.1	44
15	Molecular detection, quantification and characterization of human polyomavirus JC from waste water in Rio De Janeiro, Brazil. Journal of Water and Health, 2010, 8, 438-445.	1.1	42
16	Monitoring the hepatitis A virus in urban wastewater from Rio de Janeiro, Brazil. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2012, 106, 104-109.	0.7	40
17	Detection of enteric viruses in recreational waters of an urban lagoon in the city of Rio de Janeiro, Brazil. Memorias Do Instituto Oswaldo Cruz, 2012, 107, 778-784.	0.8	36
18	Norovirus Recombinant Strains Isolated from Gastroenteritis Outbreaks in Southern Brazil, 2004â€“2011. PLoS ONE, 2016, 11, e0145391.	1.1	31

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19	The evolving epidemiology of rotavirus A infection in Brazil a decade after the introduction of universal vaccination with RotarixÂ®. BMC Pediatrics, 2019, 19, 42.	0.7	30
20	Human norovirus detection in bivalve shellfish in Brazil and evaluation of viral infectivity using PMA treatment. Marine Pollution Bulletin, 2020, 157, 111315.	2.3	30
21	Quantitative and molecular analysis of noroviruses RNA in blood from children hospitalized for acute gastroenteritis in BelÃ©m, Brazil. Journal of Clinical Virology, 2013, 58, 31-35.	1.6	29
22	Norovirus Diversity in Diarrheic Children from an African-Descendant Settlement in BelÃ©m, Northern Brazil. PLoS ONE, 2013, 8, e56608.	1.1	28
23	Detection and molecular characterization of the novel recombinant norovirus GII.P16-GII.4 Sydney in southeastern Brazil in 2016. PLoS ONE, 2017, 12, e0189504.	1.1	27
24	Acute norovirus gastroenteritis in children in a highly rotavirus-vaccinated population in Northeast Brazil. Journal of Clinical Virology, 2017, 88, 33-38.	1.6	24
25	Complete genetic characterization of a Brazilian dengue virus type 3 strain isolated from a fatal outcome. Memorias Do Instituto Oswaldo Cruz, 2006, 101, 307-313.	0.8	23
26	Surveillance of Noroviruses in Rio De Janeiro, Brazil: Occurrence of New GIV Genotype in Clinical and Wastewater Samples. Food and Environmental Virology, 2018, 10, 1-6.	1.5	23
27	Detection and molecular characterization of emergent GII.P17/GII.17 Norovirus in Brazil, 2015. Infection, Genetics and Evolution, 2017, 51, 28-32.	1.0	22
28	Norovirus RNA in serum associated with increased fecal viral load in children: Detection, quantification and molecular analysis. PLoS ONE, 2018, 13, e0199763.	1.1	21
29	Rotavirus A in Brazil: Molecular Epidemiology and Surveillance during 2018â€“2019. Pathogens, 2020, 9, 515.	1.2	20
30	VP7 and VP8* genetic characterization of group A rotavirus genotype G12P[8]: Emergence and spreading in the Eastern Brazilian coast in 2014. Journal of Medical Virology, 2017, 89, 64-70.	2.5	18
31	Adenovirus and rotavirus recovery from a treated effluent through an optimized skimmed-milk flocculation method. Environmental Science and Pollution Research, 2018, 25, 17025-17032.	2.7	18
32	Potential Therapeutic Agents for Feline Calicivirus Infection. Viruses, 2018, 10, 433.	1.5	18
33	Surveillance of Enteric Viruses and Thermotolerant Coliforms in Surface Water and Bivalves from a Mangrove Estuary in Southeastern Brazil. Food and Environmental Virology, 2019, 11, 288-296.	1.5	18
34	Molecular detection of human astrovirus in an urban sewage treatment plant in Rio de Janeiro, Brazil. Memorias Do Instituto Oswaldo Cruz, 2008, 103, 819-823.	0.8	17
35	Phylogenetic analyses of Norovirus strains detected in Uruguay reveal the circulation of the novel GII.P7/GII.6 recombinant variant. Infection, Genetics and Evolution, 2014, 28, 328-332.	1.0	17
36	Enteric viruses in HIV-1 seropositive and HIV-1 seronegative children with diarrheal diseases in Brazil. PLoS ONE, 2017, 12, e0183196.	1.1	17

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37	Human enteric adenovirus F40/41 as a major cause of acute gastroenteritis in children in Brazil, 2018 to 2020. Scientific Reports, 2022, 12, .	1.6	17
38	Assessment of Water Quality in a Border Region Between the Atlantic Forest and an Urbanised Area in Rio de Janeiro, Brazil. Food and Environmental Virology, 2014, 6, 110-115.	1.5	16
39	High prevalence of norovirus in children with sporadic acute gastroenteritis in Manaus, Amazon Region, northern Brazil. Memorias Do Instituto Oswaldo Cruz, 2017, 112, 391-395.	0.8	16
40	High genetic diversity of noroviruses in children from a community-based study in Rio de Janeiro, Brazil, 2014-2018. Archives of Virology, 2019, 164, 1427-1432.	0.9	16
41	SARSâ€CoVâ€2 RNA detection in stool samples from acute gastroenteritis cases, Brazil. Journal of Medical Virology, 2021, 93, 2543-2547.	2.5	16
42	Norovirus genogroups I and II in environmental water samples from BelÃ©m city, Northern Brazil. Journal of Water and Health, 2017, 15, 163-174.	1.1	15
43	Detection of a novel recombinant strain of norovirus in an African-descendant community from the Amazon region of Brazil in 2008. Archives of Virology, 2012, 157, 2389-2392.	0.9	14
44	Dissemination of human adenoviruses and rotavirus species A on fomites of hospital pediatric units. American Journal of Infection Control, 2016, 44, 1411-1413.	1.1	14
45	Feline Calicivirus Virulent Systemic Disease: Clinical Epidemiology, Analysis of Viral Isolates and In Vitro Efficacy of Novel Antivirals in Australian Outbreaks. Viruses, 2021, 13, 2040.	1.5	14
46	Optimization of the skimmed-milk flocculation method for recovery of adenovirus from sludge. Science of the Total Environment, 2017, 583, 163-168.	3.9	13
47	Human Bocavirus in Brazil: Molecular Epidemiology, Viral Load and Co-Infections. Pathogens, 2020, 9, 645.	1.2	13
48	Norovirus Foodborne Outbreak Associated With the Consumption of Ice Pop, Southern Brazil, 2020. Food and Environmental Virology, 2021, 13, 553-559.	1.5	12
49	Performance of a one-step quantitative duplex RT-PCR for detection of rotavirus A and noroviruses GII during two periods of high viral circulation. Journal of Virological Methods, 2016, 228, 123-129.	1.0	11
50	High prevalence of enteric viruses associated with acute gastroenteritis in pediatric patients in a lowâ€income area in VitÃ³ria, Southeastern Brazil. Journal of Medical Virology, 2019, 91, 744-750.	2.5	11
51	Epidemiology of enteric virus infections in children living in the Amazon region. International Journal of Infectious Diseases, 2021, 108, 494-502.	1.5	9
52	Detection and Molecular Characterization of Gemycircularvirus from Environmental Samples in Brazil. Food and Environmental Virology, 2016, 8, 305-309.	1.5	8
53	Dissemination of gastroenteric viruses in the production of lettuce in developing countries: a public health concern. FEMS Microbiology Letters, 2017, 364, .	0.7	8
54	The Adenosine Analogue NITD008 has Potent Antiviral Activity against Human and Animal Caliciviruses. Viruses, 2019, 11, 496.	1.5	8

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55	Norovirus GII.17 Associated with a Foodborne Acute Gastroenteritis Outbreak in Brazil, 2016. Food and Environmental Virology, 2018, 10, 212-216.	1.5	7
56	Genetic Diversity of Norovirus Infections, Coinfections, and Undernutrition in Children From Brazilian Semiarid Region. Journal of Pediatric Gastroenterology and Nutrition, 2018, 67, e117-e122.	0.9	7
57	Norovirus infection and HBGA host genetic susceptibility in a birth community-cohort, Rio de Janeiro, Brazil. Infection, Genetics and Evolution, 2020, 82, 104280.	1.0	7
58	Nosocomial acute gastroenteritis outbreak caused by an equine-like G3P[8] DS-1-like rotavirus and GII.4 Sydney[P16] norovirus at a pediatric hospital in Rio de Janeiro, Brazil, 2019. Human Vaccines and Immunotherapeutics, 2021, 17, 4654-4660.	1.4	7
59	Virological and Epidemiological Features of Norovirus Infections in Brazil, 2017â€“2018. Viruses, 2021, 13, 1724.	1.5	7
60	Virological Characterization of Roof-Harvested Rainwater of Densely Urbanized Low-Income Region. Food and Environmental Virology, 2021, 13, 412-420.	1.5	6
61	Gastroenteric Viruses Detection in a Drinking Water Distribution-to-Consumption System in a Low-Income Community in Rio de Janeiro. Food and Environmental Virology, 2020, 12, 130-136.	1.5	4
62	EHEC O111:H8 strain and norovirus GII.4 Sydney [P16] causing an outbreak in a daycare center, Brazil, 2019. BMC Microbiology, 2021, 21, 95.	1.3	4
63	Rotavirus A Infections in Community Childhood Diarrhea in the Brazilian Semiarid Region During Postvaccination Era. Journal of Pediatric Gastroenterology and Nutrition, 2019, 69, e91-e98.	0.9	0