

# Tulio Machado Fumian

## List of Publications by Year in descending order

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63  
papers

1,986  
citations

257357

24  
h-index

276775

41  
g-index

64  
all docs

64  
docs citations

64  
times ranked

2149  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human enteric adenovirus F40/41 as a major cause of acute gastroenteritis in children in Brazil, 2018 to 2020. <i>Scientific Reports</i> , 2022, 12, .	1.6	17
2	SARS-CoV-2 RNA detection in stool samples from acute gastroenteritis cases, Brazil. <i>Journal of Medical Virology</i> , 2021, 93, 2543-2547.	2.5	16
3	Wastewater-based epidemiology as a useful tool to track SARS-CoV-2 and support public health policies at municipal level in Brazil. <i>Water Research</i> , 2021, 191, 116810.	5.3	161
4	EHEC O111:H8 strain and norovirus GII.4 Sydney [P16] causing an outbreak in a daycare center, Brazil, 2019. <i>BMC Microbiology</i> , 2021, 21, 95.	1.3	4
5	Global Trends in Norovirus Genotype Distribution among Children with Acute Gastroenteritis. <i>Emerging Infectious Diseases</i> , 2021, 27, 1438-1445.	2.0	85
6	Virological Characterization of Roof-Harvested Rainwater of Densely Urbanized Low-Income Region. <i>Food and Environmental Virology</i> , 2021, 13, 412-420.	1.5	6
7	Epidemiology of enteric virus infections in children living in the Amazon region. <i>International Journal of Infectious Diseases</i> , 2021, 108, 494-502.	1.5	9
8	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. <i>Human Vaccines and Immunotherapeutics</i> , 2021, 17, 4654-4660.	1.4	7
9	Virological and Epidemiological Features of Norovirus Infections in Brazil, 2017–2018. <i>Viruses</i> , 2021, 13, 1724.	1.5	7
10	Norovirus Foodborne Outbreak Associated With the Consumption of Ice Pop, Southern Brazil, 2020. <i>Food and Environmental Virology</i> , 2021, 13, 553-559.	1.5	12
11	Feline Calicivirus Virulent Systemic Disease: Clinical Epidemiology, Analysis of Viral Isolates and In Vitro Efficacy of Novel Antivirals in Australian Outbreaks. <i>Viruses</i> , 2021, 13, 2040.	1.5	14
12	Human Bocavirus in Brazil: Molecular Epidemiology, Viral Load and Co-Infections. <i>Pathogens</i> , 2020, 9, 645.	1.2	13
13	Human norovirus detection in bivalve shellfish in Brazil and evaluation of viral infectivity using PMA treatment. <i>Marine Pollution Bulletin</i> , 2020, 157, 111315.	2.3	30
14	Norovirus infection and HBGA host genetic susceptibility in a birth community-cohort, Rio de Janeiro, Brazil. <i>Infection, Genetics and Evolution</i> , 2020, 82, 104280.	1.0	7
15	Gastroenteric Viruses Detection in a Drinking Water Distribution-to-Consumption System in a Low-Income Community in Rio de Janeiro. <i>Food and Environmental Virology</i> , 2020, 12, 130-136.	1.5	4
16	Rotavirus A in Brazil: Molecular Epidemiology and Surveillance during 2018–2019. <i>Pathogens</i> , 2020, 9, 515.	1.2	20
17	Preliminary results of SARS-CoV-2 detection in sewerage system in Niterói municipality, Rio de Janeiro, Brazil. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2020, 115, e200196.	0.8	78
18	The evolving epidemiology of rotavirus A infection in Brazil a decade after the introduction of universal vaccination with Rotarix®. <i>BMC Pediatrics</i> , 2019, 19, 42.	0.7	30

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19	The Adenosine Analogue NITD008 has Potent Antiviral Activity against Human and Animal Caliciviruses. <i>Viruses</i> , 2019, 11, 496.	1.5	8
20	Surveillance of Enteric Viruses and Thermotolerant Coliforms in Surface Water and Bivalves from a Mangrove Estuary in Southeastern Brazil. <i>Food and Environmental Virology</i> , 2019, 11, 288-296.	1.5	18
21	High genetic diversity of noroviruses in children from a community-based study in Rio de Janeiro, Brazil, 2014-2018. <i>Archives of Virology</i> , 2019, 164, 1427-1432.	0.9	16
22	Detection of norovirus epidemic genotypes in raw sewage using next generation sequencing. <i>Environment International</i> , 2019, 123, 282-291.	4.8	65
23	High prevalence of enteric viruses associated with acute gastroenteritis in pediatric patients in a low-income area in Vitória, Southeastern Brazil. <i>Journal of Medical Virology</i> , 2019, 91, 744-750.	2.5	11
24	Rotavirus A Infections in Community Childhood Diarrhea in the Brazilian Semiarid Region During Postvaccination Era. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2019, 69, e91-e98.	0.9	0
25	Adenovirus and rotavirus recovery from a treated effluent through an optimized skimmed-milk flocculation method. <i>Environmental Science and Pollution Research</i> , 2018, 25, 17025-17032.	2.7	18
26	Surveillance of Noroviruses in Rio De Janeiro, Brazil: Occurrence of New GIV Genotype in Clinical and Wastewater Samples. <i>Food and Environmental Virology</i> , 2018, 10, 1-6.	1.5	23
27	Norovirus GII.17 Associated with a Foodborne Acute Gastroenteritis Outbreak in Brazil, 2016. <i>Food and Environmental Virology</i> , 2018, 10, 212-216.	1.5	7
28	Genetic Diversity of Norovirus Infections, Coinfections, and Undernutrition in Children From Brazilian Semiarid Region. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2018, 67, e117-e122.	0.9	7
29	Norovirus RNA in serum associated with increased fecal viral load in children: Detection, quantification and molecular analysis. <i>PLoS ONE</i> , 2018, 13, e0199763.	1.1	21
30	Potential Therapeutic Agents for Feline Calicivirus Infection. <i>Viruses</i> , 2018, 10, 433.	1.5	18
31	VP7 and VP8* genetic characterization of group A rotavirus genotype G12P[8]: Emergence and spreading in the Eastern Brazilian coast in 2014. <i>Journal of Medical Virology</i> , 2017, 89, 64-70.	2.5	18
32	Optimization of the skimmed-milk flocculation method for recovery of adenovirus from sludge. <i>Science of the Total Environment</i> , 2017, 583, 163-168.	3.9	13
33	Dissemination of gastroenteric viruses in the production of lettuce in developing countries: a public health concern. <i>FEMS Microbiology Letters</i> , 2017, 364, .	0.7	8
34	Detection and molecular characterization of emergent GII.P17/GII.17 Norovirus in Brazil, 2015. <i>Infection, Genetics and Evolution</i> , 2017, 51, 28-32.	1.0	22
35	Norovirus genogroups I and II in environmental water samples from Belém city, Northern Brazil. <i>Journal of Water and Health</i> , 2017, 15, 163-174.	1.1	15
36	Acute norovirus gastroenteritis in children in a highly rotavirus-vaccinated population in Northeast Brazil. <i>Journal of Clinical Virology</i> , 2017, 88, 33-38.	1.6	24

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37	Enteric viruses in HIV-1 seropositive and HIV-1 seronegative children with diarrheal diseases in Brazil. PLoS ONE, 2017, 12, e0183196.	1.1	17
38	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
39	High prevalence of norovirus in children with sporadic acute gastroenteritis in Manaus, Amazon Region, northern Brazil. Memórias Do Instituto Oswaldo Cruz, 2017, 112, 391-395.	0.8	16
40	Detection and Molecular Characterization of Gemycircularvirus from Environmental Samples in Brazil. Food and Environmental Virology, 2016, 8, 305-309.	1.5	8
41	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
42	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
43	Norovirus Recombinant Strains Isolated from Gastroenteritis Outbreaks in Southern Brazil, 2004-2011. PLoS ONE, 2016, 11, e0145391.	1.1	31
44	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
45	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
46	Quantitative and molecular analysis of noroviruses RNA in blood from children hospitalized for acute gastroenteritis in Belém, Brazil. Journal of Clinical Virology, 2013, 58, 31-35.	1.6	29
47	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
48	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
49	Norovirus Diversity in Diarrheic Children from an African-Descendant Settlement in Belém, Northern Brazil. PLoS ONE, 2013, 8, e56608.	1.1	28
50	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
51	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
52	Assessment of Gastroenteric Viruses Frequency in a Children's Day Care Center in Rio De Janeiro, Brazil: A Fifteen Year Study (1994-2008). PLoS ONE, 2012, 7, e33754.	1.1	59
53	Detection of enteric viruses in recreational waters of an urban lagoon in the city of Rio de Janeiro, Brazil. Memórias Do Instituto Oswaldo Cruz, 2012, 107, 778-784.	0.8	36
54	One year environmental surveillance of rotavirus specie A (RVA) genotypes in circulation after the introduction of the Rotarix® vaccine in Rio de Janeiro, Brazil. Water Research, 2011, 45, 5755-5763.	5.3	58

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55	Detection of rotavirus A in sewage samples using multiplex qPCR and an evaluation of the ultracentrifugation and adsorption-elution methods for virus concentration. <i>Journal of Virological Methods</i> , 2010, 170, 42-46.	1.0	107
56	One year monitoring of norovirus in a sewage treatment plant in Rio de Janeiro, Brazil. <i>Journal of Water and Health</i> , 2010, 8, 158-165.	1.1	59
57	Molecular detection, quantification and characterization of human polyomavirus JC from waste water in Rio De Janeiro, Brazil. <i>Journal of Water and Health</i> , 2010, 8, 438-445.	1.1	42
58	Viral load and genotypes of noroviruses in symptomatic and asymptomatic children in Southeastern Brazil. <i>Journal of Clinical Virology</i> , 2010, 47, 60-64.	1.6	75
59	A rapid procedure for detecting noroviruses from cheese and fresh lettuce. <i>Journal of Virological Methods</i> , 2009, 155, 39-43.	1.0	62
60	Evaluation of an adsorption-elution method for detection of astrovirus and norovirus in environmental waters. <i>Journal of Virological Methods</i> , 2009, 156, 73-76.	1.0	75
61	Molecular Detection and Characterization of Gastroenteritis Viruses Occurring Naturally in the Stream Waters of Manaus, Central Amazonia, Brazil. <i>Applied and Environmental Microbiology</i> , 2008, 74, 375-382.	1.4	129
62	Molecular detection of human astrovirus in an urban sewage treatment plant in Rio de Janeiro, Brazil. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2008, 103, 819-823.	0.8	17
63	Complete genetic characterization of a Brazilian dengue virus type 3 strain isolated from a fatal outcome. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2006, 101, 307-313.	0.8	23