Mathew D Esona

List of Publications by Year
in descending order

67 papers	2,886 citations	159585 30 h-index	168389 53 g-index
71 all docs	71 docs citations	71 times ranked	2076 citing authors

#	Article	IF	Citations
1	Uniformity of rotavirus strain nomenclature proposed by the Rotavirus Classification Working Group (RCWG). Archives of Virology, 2011, 156, 1397-1413.	2.1	827
2	New oligonucleotide primers for P-typing of rotavirus strains: Strategies for typing previously untypeable strains. Journal of Clinical Virology, 2008, 42, 368-373.	3.1	149
3	United States Rotavirus Strain Surveillance From 2005 to 2008. Pediatric Infectious Disease Journal, 2011, 30, S42-S47.	2.0	149
4	Sibling Transmission of Vaccine-Derived Rotavirus (RotaTeq) Associated With Rotavirus Gastroenteritis. Pediatrics, 2010, 125, e438-e441.	2.1	106
5	Reassortant Group A Rotavirus from Straw-colored Fruit Bat (Eidolon helvum). Emerging Infectious Diseases, 2010, 16, 1844-1852.	4.3	85
6	Long-term Consistency in Rotavirus Vaccine Protection: RV5 and RV1 Vaccine Effectiveness in US Children, 2012â€“2013. Clinical Infectious Diseases, 2015, 61, 1792-1799.	5.8	78
7	Rotavirus. Clinics in Laboratory Medicine, 2015, 35, 363-391.	1.4	70
8	G and P Types of Circulating Rotavirus Strains in the United States during 1996â€“2005: Nine Years of Prevaccine Data. Journal of Infectious Diseases, 2009, 200, S99-S105.	4.0	59
9	Rotavirus Strain Trends During the Postlicensure Vaccine Era: United States, 2008â€“2013. Journal of Infectious Diseases, 2016, 214, 732-738.	4.0	56
10	Real-time RT-PCR assays to differentiate wild-type group A rotavirus strains from Rotarix^{Â®}and RotaTeq^{Â®}vaccine strains in stool samples. Human Vaccines and Immunotherapeutics, 2014, 10, 767-777.	3.3	55
11	Novel Human Rotavirus Genotype G5P[7] from Child with Diarrhea, Cameroon. Emerging Infectious Diseases, 2009, 15, 83-86.	4.3	54
12	Molecular epidemiology of group A rotavirus in Buenos Aires, Argentina 2004â€“2007: Reemergence of G2P[4] and emergence of G9P[8] strains. Journal of Medical Virology, 2010, 82, 1083-1093.	5.0	54
13	Molecular Epidemiology of Contemporary G2P[4] Human Rotaviruses Cocirculating in a Single U.S. Community: Footprints of a Globally Transitioning Genotype. Journal of Virology, 2014, 88, 3789-3801.	3.4	52
14	Comparison of Premierâ„¢ RotacloneÂ®, ProSpecTâ„¢, and RIDASCREENÂ® rotavirus enzyme immunoassay kits for detection of rotavirus antigen in stool specimens. Journal of Clinical Virology, 2013, 58, 292-294.	3.1	49
15	Detection of an Unusual Human Rotavirus Strain with G5P[8] Specificity in a Cameroonian Child with Diarrhea. Journal of Clinical Microbiology, 2004, 42, 441-444.	3.9	45
16	Molecular characterization of a rare, human-porcine reassortant rotavirus strain, G11P[6], from Ecuador. Archives of Virology, 2009, 154, 1823-1829.	2.1	43
17	Whole genome detection of rotavirus mixed infections in human, porcine and bovine samples co-infected with various rotavirus strains collected from sub-Saharan Africa. Infection, Genetics and Evolution, 2015, 31, 321-334.	2.3	42
18	One-step multiplex real-time RT-PCR assay for detecting and genotyping wild-type group A rotavirus strains and vaccine strains (RotarixÂ® and RotaTeqÂ®) in stool samples. PeerJ, 2016, 4, e1560.	2.0	42

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19	Rotavirus G9P[4] in 3 Countries in Latin America, 2009â€“2010. Emerging Infectious Diseases, 2013, 19, 1332-3.	4.3	39
20	Whole-gene analysis of inter-genogroup reassortant rotaviruses from the Dominican Republic: Emergence of equine-like G3 strains and evidence of their reassortment with locally-circulating strains. Virology, 2019, 534, 114-131.	2.4	38
21	Rotavirus G and P Types Circulating in the Eastern Region of Kenya. Pediatric Infectious Disease Journal, 2014, 33, S85-S88.	2.0	37
22	Detection of G3P[3] and G3P[9] rotavirus strains in American Indian children with evidence of gene reassortment between human and animal rotaviruses. Journal of Medical Virology, 2011, 83, 1288-1299.	5.0	36
23	Whole genome analyses of G1P[8] rotavirus strains from vaccinated and non-vaccinated South African children presenting with diarrhea. Journal of Medical Virology, 2015, 87, 79-101.	5.0	36
24	Detection of the first G6P[14] human rotavirus strain from a child with diarrhea in Egypt. Infection, Genetics and Evolution, 2011, 11, 1436-1442.	2.3	35
25	One Year Survey of Human Rotavirus Strains Suggests the Emergence of Genotype G12 in Cameroon. Journal of Medical Virology, 2013, 85, 1485-1490.	5.0	35
26	Multiplexed one-step RT-PCR VP7 and VP4 genotyping assays for rotaviruses using updated primers. Journal of Virological Methods, 2015, 223, 96-104.	2.1	35
27	Novel NSP1 genotype characterised in an African camel G8P[11] rotavirus strain. Infection, Genetics and Evolution, 2014, 21, 58-66.	2.3	34
28	Zoonotic bovine rotavirus strain in a diarrheic child, Nicaragua. Journal of Clinical Virology, 2009, 46, 391-393.	3.1	33
29	Comparative evaluation of commercially available manual and automated nucleic acid extraction methods for rotavirus RNA detection in stools. Journal of Virological Methods, 2013, 194, 242-249.	2.1	31
30	Multiple Introductions and Antigenic Mismatch with Vaccines May Contribute to Increased Predominance of G12P[8] Rotaviruses in the United States. Journal of Virology, 2019, 93, .	3.4	31
31	Whole-genome analyses of DS-1-like human G2P[4] and G8P[4] rotavirus strains from Eastern, Western and Southern Africa. Virus Genes, 2014, 49, 196-207.	1.6	29
32	Molecular Epidemiology of Rotavirus Infection in Western Cameroon. Journal of Tropical Pediatrics, 2003, 49, 160-163.	1.5	26
33	Sensitive and specific nested PCR assay for detection of rotavirus A in samples with a low viral load. Journal of Virological Methods, 2016, 236, 41-46.	2.1	25
34	Molecular Surveillance of Rotavirus Infection in the Democratic Republic of the Congo August 2009 to June 2012. Pediatric Infectious Disease Journal, 2014, 33, 355-359.	2.0	24
35	Outbreak of Gastroenteritis in Adults Due to Rotavirus Genotype G12P[8]. Clinical Infectious Diseases, 2015, 61, e20-e25.	5.8	24
36	Emergence and Characterization of Serotype G9 Rotavirus Strains from Africa. Journal of Infectious Diseases, 2010, 202, S55-S63.	4.0	21

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37	Detection of rare reassortant G5P[6] rotavirus, Bulgaria. Infection, Genetics and Evolution, 2012, 12, 1676-1684.	2.3	21
38	Molecular surveillance of rotavirus strains circulating in YaoundÃ©, Cameroon, September 2007â€“December 2012. Infection, Genetics and Evolution, 2014, 28, 470-475.	2.3	19
39	Characterization of a triple-recombinant, reassortant rotavirus strain from the Dominican Republic. Journal of General Virology, 2017, 98, 134-142.	2.9	19
40	Full genomic characterization of a novel genotype combination, G4P[14], of a human rotavirus strain from Barbados. Infection, Genetics and Evolution, 2014, 28, 524-529.	2.3	18
41	Molecular surveillance of rotavirus infection in Bangui, Central African Republic, October 2011â€“September 2013. Infection, Genetics and Evolution, 2014, 28, 476-479.	2.3	17
42	Whole genomeÂand in-silico analyses of G1P[8] rotavirus strains from pre- and post-vaccination periods in Rwanda. Scientific Reports, 2020, 10, 13460.	3.3	16
43	Full Genome Sequence of a Reassortant Human G9P[4] Rotavirus Strain. Genome Announcements, 2014, 2, .	0.8	15
44	Molecular Characterisation of a Rare Reassortant Porcine-Like G5P[6] Rotavirus Strain Detected in an Unvaccinated Child in Kasama, Zambia. Pathogens, 2020, 9, 663.	2.8	15
45	Comparative genomic analysis of genogroup 1 and genogroup 2 rotaviruses circulating in seven US cities, 2014â€“2016. Virus Evolution, 2021, 7, veab023.	4.9	15
46	Emergence of G12 and G9 rotavirus genotypes in the Central African Republic, January 2014 to February 2016. BMC Research Notes, 2018, 11, 5.	1.4	14
47	Low fecal rotavirus vaccine virus shedding is significantly associated with non-secretor histo-blood group antigen phenotype among infants in northern Pretoria, South Africa. Vaccine, 2020, 38, 8260-8263.	3.8	14
48	Evidence for Household Transmission of Rotavirus in the United States, 2011â€“2016. Journal of the Pediatric Infectious Diseases Society, 2020, 9, 181-187.	1.3	13
49	Molecular characterization of a human G20P[28] rotavirus a strain with multiple genes related to bat rotaviruses. Infection, Genetics and Evolution, 2018, 57, 166-170.	2.3	12
50	Next-generation sequencing of human respiratory syncytial virus subgroups A and B genomes. Journal of Virological Methods, 2022, 299, 114335.	2.1	12
51	Rotavirus Genotype Trends and Gastrointestinal Pathogen Detection in the United States, 2014â€“2016: Results From the New Vaccine Surveillance Network. Journal of Infectious Diseases, 2021, 224, 1539-1549.	4.0	11
52	Comparative genomic analysis of genogroup 1 (Wa-like) rotaviruses circulating in the USA, 2006â€“2009. Infection, Genetics and Evolution, 2014, 28, 513-523.	2.3	10
53	Characterization of 2 Human Genotype G10 Rotavirus Strains, 3008CM and 1784/CI/1999, Isolated in Cameroon and Cote dâ€™Ivoire during the 1999â€“2000 Rotavirus Season. Journal of Infectious Diseases, 2010, 202, S212-S219.	4.0	9
54	Whole Genome In-Silico Analysis of South African G1P[8] Rotavirus Strains before and after Vaccine Introduction over a Period of 14 Years. Vaccines, 2020, 8, 609.	4.4	9

#	Article	IF	Citations
55	Continued Evidence of the Impact of Rotavirus Vaccine in Children Less Than 3 Years of Age From the United States New Vaccine Surveillance Network: A Multisite Active Surveillance Program, 2006â€“2016. Clinical Infectious Diseases, 2020, 71, e421-e429.	5.8	8
56	Shared G12 VP7 gene among human and bovine rotaviruses detected in cameroonian villages. Acta Microbiologica Et Immunologica Hungarica, 2013, 60, 21-28.	0.8	5
57	Molecular characteristics of rotavirus genotypes circulating in the south of Benin, 2016â€“2018. BMC Research Notes, 2020, 13, 485.	1.4	5
58	Genetic diversity of rotavirus genome segment 6 (encoding VP6) in Pretoria, South Africa. SpringerPlus, 2014, 3, 179.	1.2	4
59	Detection of diarrhoea associated rotavirus and co-infection with diarrhoeagenic pathogens in the Littoral region of Cameroon using ELISA, RT-PCR and Luminex xTAG GPP assays. BMC Infectious Diseases, 2021, 21, 614.	2.9	4
60	Development of a Real-Time Reverse Transcription-PCR Assay To Detect and Quantify Group A Rotavirus Equine-Like G3 Strains. Journal of Clinical Microbiology, 2021, 59, e0260220.	3.9	4
61	Pre-vaccine circulating group a rotavirus strains in under 5 years children with acute diarrhea during 1999-2013 in Cameroon. Virology, 2017, 1, .	0.1	3
62	Evolutionary changes between pre- and post-vaccine South African group A G2P[4] rotavirus strains, 2003â€“2017. Microbial Genomics, 2022, 8, .	2.0	3
63	Distribution of rotavirus genotypes in the postvaccine introduction era in Ashaiman, Greater Accra Region, Ghana, 2014â€2016. Journal of Medical Virology, 2019, 91, 2025-2028.	5.0	2
64	Using genomics to improve preparedness and response of future epidemics or pandemics in Africa. Lancet Microbe, The, 2020, 1, e275-e276.	7.3	2
65	Whole genome analysis of rotavirus strains circulating in Benin before vaccine introduction, 2016â€“2018. Virus Research, 2022, 313, 198715.	2.2	2
66	Whole gene analysis of a genotype G29P[6] human rotavirus strain identified in Central African Republic. BMC Research Notes, 2021, 14, 218.	1.4	1
67	Gastrointestinal Tract Infections: Viruses. , 2021, , .		0