

Mathew D Esona

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Next-generation sequencing of human respiratory syncytial virus subgroups A and B genomes. <i>Journal of Virological Methods</i> , 2022, 299, 114335. | 2.1 | 12 |
| 2 | Whole genome analysis of rotavirus strains circulating in Benin before vaccine introduction, 2016â€“2018. <i>Virus Research</i> , 2022, 313, 198715. | 2.2 | 2 |
| 3 | Evolutionary changes between pre- and post-vaccine South African group A G2P[4] rotavirus strains, 2003â€“2017. <i>Microbial Genomics</i> , 2022, 8, . | 2.0 | 3 |
| 4 | Comparative genomic analysis of genogroup 1 and genogroup 2 rotaviruses circulating in seven US cities, 2014â€“2016. <i>Virus Evolution</i> , 2021, 7, veab023. | 4.9 | 15 |
| 5 | Rotavirus Genotype Trends and Gastrointestinal Pathogen Detection in the United States, 2014â€“2016: Results From the New Vaccine Surveillance Network. <i>Journal of Infectious Diseases</i> , 2021, 224, 1539-1549. | 4.0 | 11 |
| 6 | Whole gene analysis of a genotype G29P[6] human rotavirus strain identified in Central African Republic. <i>BMC Research Notes</i> , 2021, 14, 218. | 1.4 | 1 |
| 7 | 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. <i>BMC Infectious Diseases</i> , 2021, 21, 614. | 2.9 | 4 |
| 8 | Development of a Real-Time Reverse Transcription-PCR Assay To Detect and Quantify Group A Rotavirus Equine-Like G3 Strains. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0260220. | 3.9 | 4 |
| 9 | Gastrointestinal Tract Infections: Viruses. , 2021, , . | | 0 |
| 10 | Evidence for Household Transmission of Rotavirus in the United States, 2011â€“2016. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2020, 9, 181-187. | 1.3 | 13 |
| 11 | Whole Genome In-Silico Analysis of South African G1P[8] Rotavirus Strains before and after Vaccine Introduction over a Period of 14 Years. <i>Vaccines</i> , 2020, 8, 609. | 4.4 | 9 |
| 12 | Molecular characteristics of rotavirus genotypes circulating in the south of Benin, 2016â€“2018. <i>BMC Research Notes</i> , 2020, 13, 485. | 1.4 | 5 |
| 13 | Low fecal rotavirus vaccine virus shedding is significantly associated with non-secretor histo-blood group antigen phenotype among infants in northern Pretoria, South Africa. <i>Vaccine</i> , 2020, 38, 8260-8263. | 3.8 | 14 |
| 14 | Whole genome and in-silico analyses of G1P[8] rotavirus strains from pre- and post-vaccination periods in Rwanda. <i>Scientific Reports</i> , 2020, 10, 13460. | 3.3 | 16 |
| 15 | Molecular Characterisation of a Rare Reassortant Porcine-Like G5P[6] Rotavirus Strain Detected in an Unvaccinated Child in Kasama, Zambia. <i>Pathogens</i> , 2020, 9, 663. | 2.8 | 15 |
| 16 | Using genomics to improve preparedness and response of future epidemics or pandemics in Africa. <i>Lancet Microbe</i> , The, 2020, 1, e275-e276. | 7.3 | 2 |
| 17 | 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. <i>Clinical Infectious Diseases</i> , 2020, 71, e421-e429. | 5.8 | 8 |
| 18 | Distribution of rotavirus genotypes in the postvaccine introduction era in Ashaiman, Greater Accra Region, Ghana, 2014â€“2016. <i>Journal of Medical Virology</i> , 2019, 91, 2025-2028. | 5.0 | 2 |

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|----|--|-----|-----------|
| 19 | 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. <i>Virology</i> , 2019, 534, 114-131. | 2.4 | 38 |
| 20 | Multiple Introductions and Antigenic Mismatch with Vaccines May Contribute to Increased Predominance of G12P[8] Rotaviruses in the United States. <i>Journal of Virology</i> , 2019, 93, . | 3.4 | 31 |
| 21 | Molecular characterization of a human G20P[28] rotavirus a strain with multiple genes related to bat rotaviruses. <i>Infection, Genetics and Evolution</i> , 2018, 57, 166-170. | 2.3 | 12 |
| 22 | Emergence of G12 and G9 rotavirus genotypes in the Central African Republic, January 2014 to February 2016. <i>BMC Research Notes</i> , 2018, 11, 5. | 1.4 | 14 |
| 23 | Characterization of a triple-recombinant, reassortant rotavirus strain from the Dominican Republic. <i>Journal of General Virology</i> , 2017, 98, 134-142. | 2.9 | 19 |
| 24 | Pre-vaccine circulating group A rotavirus strains in under 5 years children with acute diarrhea during 1999-2013 in Cameroon. <i>Virology</i> , 2017, 1, . | 0.1 | 3 |
| 25 | Sensitive and specific nested PCR assay for detection of rotavirus A in samples with a low viral load. <i>Journal of Virological Methods</i> , 2016, 236, 41-46. | 2.1 | 25 |
| 26 | Rotavirus Strain Trends During the Postlicensure Vaccine Era: United States, 2008â€“2013. <i>Journal of Infectious Diseases</i> , 2016, 214, 732-738. | 4.0 | 56 |
| 27 | One-step multiplex real-time RT-PCR assay for detecting and genotyping wild-type group A rotavirus strains and vaccine strains (Rotarix [®] and RotaTeq [®]) in stool samples. <i>PeerJ</i> , 2016, 4, e1560. | 2.0 | 42 |
| 28 | Rotavirus. <i>Clinics in Laboratory Medicine</i> , 2015, 35, 363-391. | 1.4 | 70 |
| 29 | Outbreak of Gastroenteritis in Adults Due to Rotavirus Genotype G12P[8]. <i>Clinical Infectious Diseases</i> , 2015, 61, e20-e25. | 5.8 | 24 |
| 30 | Whole genome detection of rotavirus mixed infections in human, porcine and bovine samples co-infected with various rotavirus strains collected from sub-Saharan Africa. <i>Infection, Genetics and Evolution</i> , 2015, 31, 321-334. | 2.3 | 42 |
| 31 | Multiplexed one-step RT-PCR VP7 and VP4 genotyping assays for rotaviruses using updated primers. <i>Journal of Virological Methods</i> , 2015, 223, 96-104. | 2.1 | 35 |
| 32 | Long-term Consistency in Rotavirus Vaccine Protection: RV5 and RV1 Vaccine Effectiveness in US Children, 2012â€“2013. <i>Clinical Infectious Diseases</i> , 2015, 61, 1792-1799. | 5.8 | 78 |
| 33 | Whole genome analyses of G1P[8] rotavirus strains from vaccinated and non-vaccinated South African children presenting with diarrhea. <i>Journal of Medical Virology</i> , 2015, 87, 79-101. | 5.0 | 36 |
| 34 | Real-time RT-PCR assays to differentiate wild-type group A rotavirus strains from Rotarix [®] and RotaTeq [®] vaccine strains in stool samples. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 767-777. | 3.3 | 55 |
| 35 | Whole-genome analyses of DS-1-like human G2P[4] and G8P[4] rotavirus strains from Eastern, Western and Southern Africa. <i>Virus Genes</i> , 2014, 49, 196-207. | 1.6 | 29 |
| 36 | Full genomic characterization of a novel genotype combination, G4P[14], of a human rotavirus strain from Barbados. <i>Infection, Genetics and Evolution</i> , 2014, 28, 524-529. | 2.3 | 18 |

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|----|--|-----|-----------|
| 37 | Comparative genomic analysis of genogroup 1 (Wa-like) rotaviruses circulating in the USA, 2006â€“2009. <i>Infection, Genetics and Evolution</i> , 2014, 28, 513-523. | 2.3 | 10 |
| 38 | Full Genome Sequence of a Reassortant Human G9P[4] Rotavirus Strain. <i>Genome Announcements</i> , 2014, 2, . | 0.8 | 15 |
| 39 | Rotavirus G and P Types Circulating in the Eastern Region of Kenya. <i>Pediatric Infectious Disease Journal</i> , 2014, 33, S85-S88. | 2.0 | 37 |
| 40 | Molecular Surveillance of Rotavirus Infection in the Democratic Republic of the Congo August 2009 to June 2012. <i>Pediatric Infectious Disease Journal</i> , 2014, 33, 355-359. | 2.0 | 24 |
| 41 | Molecular Epidemiology of Contemporary G2P[4] Human Rotaviruses Cocirculating in a Single U.S. Community: Footprints of a Globally Transitioning Genotype. <i>Journal of Virology</i> , 2014, 88, 3789-3801. | 3.4 | 52 |
| 42 | Molecular surveillance of rotavirus strains circulating in YaoundÃ©, Cameroon, September 2007â€“December 2012. <i>Infection, Genetics and Evolution</i> , 2014, 28, 470-475. | 2.3 | 19 |
| 43 | Genetic diversity of rotavirus genome segment 6 (encoding VP6) in Pretoria, South Africa. <i>SpringerPlus</i> , 2014, 3, 179. | 1.2 | 4 |
| 44 | Molecular surveillance of rotavirus infection in Bangui, Central African Republic, October 2011â€“September 2013. <i>Infection, Genetics and Evolution</i> , 2014, 28, 476-479. | 2.3 | 17 |
| 45 | Novel NSP1 genotype characterised in an African camel G8P[11] rotavirus strain. <i>Infection, Genetics and Evolution</i> , 2014, 21, 58-66. | 2.3 | 34 |
| 46 | Comparison of Premierâ„¢, Rotacloneâ„¢, ProSpecTâ„¢, and RIDASCREENâ„¢ rotavirus enzyme immunoassay kits for detection of rotavirus antigen in stool specimens. <i>Journal of Clinical Virology</i> , 2013, 58, 292-294. | 3.1 | 49 |
| 47 | Comparative evaluation of commercially available manual and automated nucleic acid extraction methods for rotavirus RNA detection in stools. <i>Journal of Virological Methods</i> , 2013, 194, 242-249. | 2.1 | 31 |
| 48 | One Year Survey of Human Rotavirus Strains Suggests the Emergence of Genotype G12 in Cameroon. <i>Journal of Medical Virology</i> , 2013, 85, 1485-1490. | 5.0 | 35 |
| 49 | Shared G12 VP7 gene among human and bovine rotaviruses detected in cameroonian villages. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2013, 60, 21-28. | 0.8 | 5 |
| 50 | Rotavirus G9P[4] in 3 Countries in Latin America, 2009â€“2010. <i>Emerging Infectious Diseases</i> , 2013, 19, 1332-3. | 4.3 | 39 |
| 51 | Detection of rare reassortant G5P[6] rotavirus, Bulgaria. <i>Infection, Genetics and Evolution</i> , 2012, 12, 1676-1684. | 2.3 | 21 |
| 52 | United States Rotavirus Strain Surveillance From 2005 to 2008. <i>Pediatric Infectious Disease Journal</i> , 2011, 30, S42-S47. | 2.0 | 149 |
| 53 | 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 |
| 54 | Detection of G3P[3] and G3P[9] rotavirus strains in American Indian children with evidence of gene reassortment between human and animal rotaviruses. <i>Journal of Medical Virology</i> , 2011, 83, 1288-1299. | 5.0 | 36 |

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|----|--|-----|-----------|
| 55 | Detection of the first G6P[14] human rotavirus strain from a child with diarrhea in Egypt. <i>Infection, Genetics and Evolution</i> , 2011, 11, 1436-1442. | 2.3 | 35 |
| 56 | Molecular epidemiology of group A rotavirus in Buenos Aires, Argentina 2004â€“2007: Reemergence of G2P[4] and emergence of G9P[8] strains. <i>Journal of Medical Virology</i> , 2010, 82, 1083-1093. | 5.0 | 54 |
| 57 | Sibling Transmission of Vaccine-Derived Rotavirus (RotaTeq) Associated With Rotavirus Gastroenteritis. <i>Pediatrics</i> , 2010, 125, e438-e441. | 2.1 | 106 |
| 58 | Characterization of 2 Human Genotype G10 Rotavirus Strains, 3008CM and 1784/CI/1999, Isolated in Cameroon and Cote d'Ivoire during the 1999â€“2000 Rotavirus Season. <i>Journal of Infectious Diseases</i> , 2010, 202, S212-S219. | 4.0 | 9 |
| 59 | Reassortant Group A Rotavirus from Straw-colored Fruit Bat (<i>Eidolon helvum</i>). <i>Emerging Infectious Diseases</i> , 2010, 16, 1844-1852. | 4.3 | 85 |
| 60 | Emergence and Characterization of Serotype G9 Rotavirus Strains from Africa. <i>Journal of Infectious Diseases</i> , 2010, 202, S55-S63. | 4.0 | 21 |
| 61 | Novel Human Rotavirus Genotype G5P[7] from Child with Diarrhea, Cameroon. <i>Emerging Infectious Diseases</i> , 2009, 15, 83-86. | 4.3 | 54 |
| 62 | G and P Types of Circulating Rotavirus Strains in the United States during 1996â€“2005: Nine Years of Prevalence Data. <i>Journal of Infectious Diseases</i> , 2009, 200, S99-S105. | 4.0 | 59 |
| 63 | Molecular characterization of a rare, human-porcine reassortant rotavirus strain, G11P[6], from Ecuador. <i>Archives of Virology</i> , 2009, 154, 1823-1829. | 2.1 | 43 |
| 64 | Zoonotic bovine rotavirus strain in a diarrheic child, Nicaragua. <i>Journal of Clinical Virology</i> , 2009, 46, 391-393. | 3.1 | 33 |
| 65 | New oligonucleotide primers for P-typing of rotavirus strains: Strategies for typing previously untypeable strains. <i>Journal of Clinical Virology</i> , 2008, 42, 368-373. | 3.1 | 149 |
| 66 | Detection of an Unusual Human Rotavirus Strain with G5P[8] Specificity in a Cameroonian Child with Diarrhea. <i>Journal of Clinical Microbiology</i> , 2004, 42, 441-444. | 3.9 | 45 |
| 67 | Molecular Epidemiology of Rotavirus Infection in Western Cameroon. <i>Journal of Tropical Pediatrics</i> , 2003, 49, 160-163. | 1.5 | 26 |