

Eric M Mucker

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,926
citations

331670

21
h-index

377865

34
g-index

34
all docs

34
docs citations

34
times ranked

1990
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Immunogenicity of a highly attenuated MVA smallpox vaccine and protection against monkeypox. <i>Nature</i> , 2004, 428, 182-185. | 27.8 | 405 |
| 2 | Human angiotensin-converting enzyme 2 transgenic mice infected with SARS-CoV-2 develop severe and fatal respiratory disease. <i>JCI Insight</i> , 2020, 5, . | 5.0 | 186 |
| 3 | Nonhuman Primates Are Protected from Smallpox Virus or Monkeypox Virus Challenges by the Antiviral Drug ST-246. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 2620-2625. | 3.2 | 139 |
| 4 | Monkeypox virus detection in rodents using real-time 3'â€²-minor groove binder TaqManÂ® assays on the Roche LightCycler. <i>Laboratory Investigation</i> , 2004, 84, 1200-1208. | 3.7 | 124 |
| 5 | Smallpox and pan -Orthopox Virus Detection by Real-Time 3'â€²-Minor Groove Binder TaqMan Assays on the Roche LightCycler and the Cepheid Smart Cycler Platforms. <i>Journal of Clinical Microbiology</i> , 2004, 42, 601-609. | 3.9 | 122 |
| 6 | ST-246 Antiviral Efficacy in a Nonhuman Primate Monkeypox Model: Determination of the Minimal Effective Dose and Human Dose Justification. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 1817-1822. | 3.2 | 112 |
| 7 | Smallpox Vaccine Does Not Protect Macaques with AIDS from a Lethal Monkeypox Virus Challenge. <i>Journal of Infectious Diseases</i> , 2005, 191, 372-381. | 4.0 | 83 |
| 8 | Efficacy of Tecovirimat (ST-246) in Nonhuman Primates Infected with Variola Virus (Smallpox). <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 6246-6253. | 3.2 | 81 |
| 9 | A Novel Respiratory Model of Infection with Monkeypox Virus in Cynomolgus Macaques. <i>Journal of Virology</i> , 2011, 85, 4898-4909. | 3.4 | 61 |
| 10 | Circulating microRNA profiles of Ebola virus infection. <i>Scientific Reports</i> , 2016, 6, 24496. | 3.3 | 50 |
| 11 | Animal Models for the Study of Rodent-Borne Hemorrhagic Fever Viruses: Arenaviruses and Hantaviruses. <i>BioMed Research International</i> , 2015, 2015, 1-31. | 1.9 | 42 |
| 12 | Inhibition of Monkeypox virus replication by RNA interference. <i>Virology Journal</i> , 2009, 6, 188. | 3.4 | 41 |
| 13 | Susceptibility of Marmosets (<i>Callithrix jacchus</i>) to Monkeypox Virus: A Low Dose Prospective Model for Monkeypox and Smallpox Disease. <i>PLoS ONE</i> , 2015, 10, e0131742. | 2.5 | 41 |
| 14 | Intranasal monkeypox marmoset model: Prophylactic antibody treatment provides benefit against severe monkeypox virus disease. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006581. | 3.0 | 39 |
| 15 | Cytauxzoon felis infections are present in bobcats (<i>Lynx rufus</i>) in a region where cytauxzoonosis is not recognized in domestic cats. <i>Veterinary Parasitology</i> , 2008, 153, 126-130. | 1.8 | 36 |
| 16 | Transcriptional Profiling of the Circulating Immune Response to Lassa Virus in an Aerosol Model of Exposure. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2171. | 3.0 | 36 |
| 17 | Side-by-Side Comparison of Gene-Based Smallpox Vaccine with MVA in Nonhuman Primates. <i>PLoS ONE</i> , 2012, 7, e42353. | 2.5 | 36 |
| 18 | Virus-encoded miRNAs in Ebola virus disease. <i>Scientific Reports</i> , 2018, 8, 6480. | 3.3 | 34 |

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|----|---|-----|-----------|
| 19 | Lipid Nanoparticle Formulation Increases Efficiency of DNA-Vectorized Vaccines/Immunoprophylaxis in Animals Including Transchromosomal Bovines. <i>Scientific Reports</i> , 2020, 10, 8764. | 3.3 | 32 |
| 20 | A Nucleic Acid-Based Orthopoxvirus Vaccine Targeting the Vaccinia Virus L1, A27, B5, and A33 Proteins Protects Rabbits against Lethal Rabbitpox Virus Aerosol Challenge. <i>Journal of Virology</i> , 2022, 96, JVI0150421. | 3.4 | 31 |
| 21 | Seroprevalence of Antibodies to <i>Toxoplasma gondii</i> in the Pennsylvania Bobcat (<i>Lynx rufus rufus</i>). <i>Journal of Wildlife Diseases</i> , 2006, 42, 188-191. | 0.8 | 24 |
| 22 | Euthanasia Assessment in Ebola Virus Infected Nonhuman Primates. <i>Viruses</i> , 2014, 6, 4666-4682. | 3.3 | 22 |
| 23 | In vivo imaging of cidofovir treatment of cowpox virus infection. <i>Virus Research</i> , 2007, 128, 88-98. | 2.2 | 21 |
| 24 | An attenuated Machupo virus with a disrupted L-segment intergenic region protects guinea pigs against lethal Guanarito virus infection. <i>Scientific Reports</i> , 2017, 7, 4679. | 3.3 | 21 |
| 25 | Infection of cynomolgus macaques with a recombinant monkeypox virus encoding green fluorescent protein. <i>Archives of Virology</i> , 2011, 156, 1877-1881. | 2.1 | 17 |
| 26 | Hamsters Expressing Human Angiotensin-Converting Enzyme 2 Develop Severe Disease following Exposure to SARS-CoV-2. <i>MBio</i> , 2022, 13, e0290621. | 4.1 | 17 |
| 27 | Lipid nanoparticle delivery of unmodified mRNAs encoding multiple monoclonal antibodies targeting poxviruses in rabbits. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 28, 847-858. | 5.1 | 17 |
| 28 | Particle-specific neutralizing activity of a monoclonal antibody targeting the poxvirus A33 protein reveals differences between cell associated and extracellular enveloped virions. <i>Virology</i> , 2020, 544, 42-54. | 2.4 | 16 |
| 29 | Rapid discovery of diverse neutralizing SARS-CoV-2 antibodies from large-scale synthetic phage libraries. <i>MAbs</i> , 2022, 14, 2002236. | 5.2 | 14 |
| 30 | Validation of a pan-orthopox real-time PCR assay for the detection and quantification of viral genomes from nonhuman primate blood. <i>Virology Journal</i> , 2017, 14, 210. | 3.4 | 10 |
| 31 | Human convalescent plasma protects K18-hACE2 mice against severe respiratory disease. <i>Journal of General Virology</i> , 2021, 102, . | 2.9 | 6 |
| 32 | Differentiation of Variola major and Variola minor variants by MGB-Eclipse probe melt curves and genotyping analysis. <i>Molecular and Cellular Probes</i> , 2009, 23, 166-170. | 2.1 | 5 |
| 33 | SARS-CoV-2 Doggybone DNA Vaccine Produces Cross-Variant Neutralizing Antibodies and Is Protective in a COVID-19 Animal Model. <i>Vaccines</i> , 2022, 10, 1104. | 4.4 | 4 |