

William J Muller

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

2,534
citations

393982

19
h-index

205818

48
g-index

49
all docs

49
docs citations

49
times ranked

4707
citing authors

#	ARTICLE	IF	CITATIONS
1	Progression to Malignancy in the Polyoma Middle T Oncoprotein Mouse Breast Cancer Model Provides a Reliable Model for Human Diseases. <i>American Journal of Pathology</i> , 2003, 163, 2113-2126.	1.9	912
2	Nirsevimab for Prevention of RSV in Healthy Late-Preterm and Term Infants. <i>New England Journal of Medicine</i> , 2022, 386, 837-846.	13.9	328
3	Age-Related Differences in Nasopharyngeal Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Levels in Patients With Mild to Moderate Coronavirus Disease 2019 (COVID-19). <i>JAMA Pediatrics</i> , 2020, 174, 902.	3.3	294
4	Noninvasive Diagnosis of Infection Using Plasma Next-Generation Sequencing: A Single-Center Experience. <i>Open Forum Infectious Diseases</i> , 2019, 6, .	0.4	84
5	Early viral suppression improves neurocognitive outcomes in HIV-infected children. <i>Aids</i> , 2015, 29, 295-304.	1.0	77
6	Comparison of Upper Respiratory Viral Load Distributions in Asymptomatic and Symptomatic Children Diagnosed with SARS-CoV-2 Infection in Pediatric Hospital Testing Programs. <i>Journal of Clinical Microbiology</i> , 2020, 59, .	1.8	76
7	Cell-free DNA next-generation sequencing successfully detects infectious pathogens in pediatric oncology and hematopoietic stem cell transplant patients at risk for invasive fungal disease. <i>Pediatric Blood and Cancer</i> , 2019, 66, e27734.	0.8	73
8	SARS-CoV-2 Infection in Infants Less than 90 Days Old. <i>Journal of Pediatrics</i> , 2020, 224, 150-152.	0.9	66
9	Targeted disruption of ErbB2/Neu in the mammary epithelium results in impaired ductal outgrowth. <i>Oncogene</i> , 2005, 24, 932-937.	2.6	58
10	Neurologic disease in HIV-infected children and the impact of combination antiretroviral therapy. <i>Reviews in Medical Virology</i> , 2014, 24, 316-331.	3.9	55
11	p120-catenin is essential for terminal end bud function and mammary morphogenesis. <i>Development (Cambridge)</i> , 2012, 139, 1754-1764.	1.2	39
12	The Immunologic Basis for Severe Neonatal Herpes Disease and Potential Strategies for Therapeutic Intervention. <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-16.	3.3	38
13	Immunobiology of Herpes Simplex Virus and Cytomegalovirus Infections of the Fetus and Newborn. <i>Current Immunology Reviews</i> , 2010, 6, 38-55.	1.2	37
14	Differential Reliance on Autophagy for Protection from HSV Encephalitis between Newborns and Adults. <i>PLoS Pathogens</i> , 2015, 11, e1004580.	2.1	31
15	Safety, Tolerability, and Population Pharmacokinetics of Intravenous and Oral Isavuconazonium Sulfate in Pediatric Patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0029021.	1.4	29
16	The Type I Interferon Response Determines Differences in Choroid Plexus Susceptibility between Newborns and Adults in Herpes Simplex Virus Encephalitis. <i>MBio</i> , 2016, 7, e00437-16.	1.8	27
17	Age-related Differences in the Nasal Mucosal Immune Response to SARS-CoV-2. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 66, 206-222.	1.4	27
18	Treatment of perinatal viral infections to improve neurologic outcomes. <i>Pediatric Research</i> , 2017, 81, 162-169.	1.1	23

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19	Benign course of SARS-CoV-2 infection in a series of pediatric oncology patients. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28504.	0.8	22
20	Pathogenesis of Neonatal Herpes Simplex 2 Disease in a Mouse Model Is Dependent on Entry Receptor Expression and Route of Inoculation. <i>Journal of Virology</i> , 2013, 87, 474-481.	1.5	21
21	Laboratory Diagnosis of Neonatal Herpes Simplex Virus Infections. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	1.8	18
22	Return to School for Pediatric Solid Organ Transplant Recipients in the United States During the Coronavirus Disease 2019 Pandemic: Expert Opinion on Key Considerations and Best Practices. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2020, 9, 551-563.	0.6	17
23	Functional Interaction between Herpes Simplex Virus Type 2 gD and HVEM Transiently Dampens Local Chemokine Production after Murine Mucosal Infection. <i>PLoS ONE</i> , 2011, 6, e16122.	1.1	17
24	HSV targeting of the host phosphatase PP1 \pm is required for disseminated disease in the neonate and contributes to pathogenesis in the brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6937-E6944.	3.3	15
25	Herpes simplex virus serotype and entry receptor availability alter CNS disease in a mouse model of neonatal HSV. <i>Pediatric Research</i> , 2014, 76, 528-534.	1.1	13
26	Herpesvirus entry mediator (HVEM) attenuates signals mediated by the lymphotoxin β 2 receptor (LT β 2R) in human cells stimulated by the shared ligand LIGHT. <i>Molecular Immunology</i> , 2014, 62, 96-103.	1.0	13
27	Risk factors for <i>Clostridioides (Clostridium) difficile</i> infection following solid organ transplantation in children. <i>Transplant Infectious Disease</i> , 2019, 21, e13149.	0.7	10
28	Multicenter Prospective Study of Biomarkers for Diagnosis of Invasive Candidiasis in Children and Adolescents. <i>Clinical Infectious Diseases</i> , 2022, 75, 248-259.	2.9	10
29	Herpes Simplex Virus-2 Glycoprotein Interaction with HVEM Influences Virus-Specific Recall Cellular Responses at the Mucosa. <i>Clinical and Developmental Immunology</i> , 2012, 2012, 1-10.	3.3	8
30	Mapping sites of herpes simplex virus type 1 glycoprotein D that permit insertions and impact gD and gB receptors usage. <i>Scientific Reports</i> , 2017, 7, 43712.	1.6	8
31	Pharmacokinetics of Ceftazidime in Children and Adolescents with Obesity. <i>Paediatric Drugs</i> , 2021, 23, 499-513.	1.3	8
32	Live virus vaccination following pediatric liver transplantation: Outcomes from two academic children's hospitals. <i>American Journal of Transplantation</i> , 2022, 22, 1201-1212.	2.6	8
33	Longitudinal Characterization of Herpes Simplex Virus (HSV) Isolates Acquired From Different Sites in an Immune-Compromised Child: A New HSV Thymidine Kinase Mutation Associated With Resistance. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2012, 1, 116-124.	0.6	7
34	Lessons about early neurodevelopment in children exposed to ZIKV in utero. <i>Nature Medicine</i> , 2019, 25, 1192-1193.	15.2	7
35	Return to School and COVID-19 Vaccination for Pediatric Solid Organ Transplant Recipients in the United States: Expert Opinion for 2021-2022. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2022, 11, 43-54.	0.6	7
36	Severe Acute Respiratory Syndrome Coronavirus 2 Point Prevalence Among Asymptomatic Hospitalized Children and Subsequent Healthcare Worker Evaluation. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2020, 9, 617-619.	0.6	6

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37	Utility of Metagenomic Next-generation Sequencing of Plasma for Infectious Pathogens. <i>Clinical Infectious Diseases</i> , 2020, 71, 2775-2775.	2.9	6
38	Recombinant <i>Listeria monocytogenes</i> expressing an immunodominant peptide fails to protect after intravaginal challenge with herpes simplex virus-2. <i>Archives of Virology</i> , 2008, 153, 1165-1169.	0.9	5
39	Varicella infection following vaccination in a pediatric kidney transplant recipient. <i>Pediatric Transplantation</i> , 2020, 24, e13667.	0.5	5
40	OUP accepted manuscript. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2021, 10, S69-S70.	0.6	5
41	Preliminary Results From the US Zika Pregnancy Registry. <i>JAMA - Journal of the American Medical Association</i> , 2017, 317, 35.	3.8	4
42	Viral whole-genome sequencing to assess impact of universal masking on SARS-CoV-2 transmission among pediatric healthcare workers. <i>Infection Control and Hospital Epidemiology</i> , 2022, 43, 1408-1412.	1.0	4
43	Pediatric Considerations for Postexposure Human Immunodeficiency Virus Prophylaxis. <i>Infectious Disease Clinics of North America</i> , 2018, 32, 91-101.	1.9	3
44	A Requirement for p120-catenin in the metastasis of invasive ductal breast cancer. <i>Journal of Cell Science</i> , 2020, 134, .	1.2	3
45	Comparative Effectiveness of Echinocandins vs Triazoles or Amphotericin B Formulations as Initial Directed Therapy for Invasive Candidiasis in Children and Adolescents. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2021, , .	0.6	3
46	Screening Students and Staff for Asymptomatic Coronavirus Disease 2019 in Chicago Schools. <i>Journal of Pediatrics</i> , 2021, 239, 74-80.e1.	0.9	3
47	Therapeutic Emergency Use Authorizations (EUAs) During Pandemics: Double-edged Swords. <i>Clinical Infectious Diseases</i> , 2022, 74, 1686-1690.	2.9	3
48	Preservation of lymphocyte functional fitness in perinatally-infected and treated HIV+ pediatric patients displaying sub-optimal viral control. <i>Communications Medicine</i> , 2022, 2, .	1.9	1
49	2181. Yield and Impact of Molecular Diagnostics for Pathogen Detection in Pediatric Patients: 16/18S rRNA PCR and Noninvasive Assays. <i>Open Forum Infectious Diseases</i> , 2019, 6, S740-S741.	0.4	0