Lionel Gresh

List of Publications by Year
in descending order

76	6,263	87888 38	74163 75
papers	citations	h-index	g-index

77	77	77	9768
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Nicaraguan Pediatric Influenza Cohort Study, 2011â€“2019: Influenza Incidence, Seasonality, and Transmission. Clinical Infectious Diseases, 2023, 76, e1094-e1103.	5.8	5
2	Birth cohort relative to an influenza A virusâ€™s antigenic cluster introduction drives patterns of childrenâ€™s antibody titers. PLoS Pathogens, 2022, 18, e1010317.	4.7	3
3	Implementation of a COVID-19 Genomic Surveillance Regional Network for Latin America and Caribbean region. PLoS ONE, 2022, 17, e0252526.	2.5	17
4	Individual-level Association of Influenza Infection With Subsequent Pneumonia: A Case-control and Prospective Cohort Study. Clinical Infectious Diseases, 2021, 73, e4288-e4295.	5.8	10
5	Obesity Is Associated With Increased Susceptibility to Influenza A (H1N1pdm) but Not H3N2 Infection. Clinical Infectious Diseases, 2021, 73, e4345-e4352.	5.8	10
6	COVID-19 laboratory preparedness and response in the Americas Region: Lessons learned. PLoS ONE, 2021, 16, e0253334.	2.5	8
7	Influenza Illness and Partial Vaccination in the First Two Years of Life. Vaccines, 2021, 9, 676.	4.4	2
8	Dengue and Zika virus infections in children elicit cross-reactive protective and enhancing antibodies that persist long term. Science Translational Medicine, 2021, 13, eabg9478.	12.4	32
9	Pneumonia Following Symptomatic Influenza Infection Among Nicaraguan Children Before and After Introduction of the Pneumococcal Conjugate Vaccine. Journal of Infectious Diseases, 2021, 224, 643-647.	4.0	1
10	Pre-existing Antineuraminidase Antibodies Are Associated With Shortened Duration of Influenza A(H1N1)pdm Virus Shedding and Illness in Naturally Infected Adults. Clinical Infectious Diseases, 2020, 70, 2290-2297.	5.8	56
11	Assessing the Incidence of Symptomatic Respiratory Syncytial Virus Illness Within a Prospective Birth Cohort in Managua, Nicaragua. Clinical Infectious Diseases, 2020, 70, 2029-2035.	5.8	15
12	Association Between the Respiratory Microbiome and Susceptibility to Influenza Virus Infection. Clinical Infectious Diseases, 2020, 71, 1195-1203.	5.8	63
13	Genetic risk for dengue hemorrhagic fever and dengue fever in multiple ancestries. EBioMedicine, 2020, 51, 102584.	6.1	10
14	Age-dependent manifestations and case definitions of paediatric Zika: a prospective cohort study. Lancet Infectious Diseases, The, 2020, 20, 371-380.	9.1	30
15	Influenza Virus Infection Induces a Narrow Antibody Response in Children but a Broad Recall Response in Adults. MBio, 2020, 11, .	4.1	49
16	Intent to obtain pediatric influenza vaccine among mothers in four middle income countries. Vaccine, 2020, 38, 4325-4335.	3.8	13
17	Global burden of respiratory infections associated with seasonal influenza in children under 5 years in 2018: a systematic review and modelling study. The Lancet Global Health, 2020, 8, e497-e510.	6.3	235
18	Antibody responses to influenza A(H1N1)pdm infection. Vaccine, 2020, 38, 4221-4225.	3.8	4

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19	Underdetection of laboratory-confirmed influenza-associated hospital admissions among infants: a multicentre, prospective study. The Lancet Child and Adolescent Health, 2019, 3, 781-794.	5.6	22
20	Prior dengue virus infection and risk of Zika: A pediatric cohort in Nicaragua. PLoS Medicine, 2019, 16, e1002726.	8.4	130
21	Novel correlates of protection against pandemic H1N1 influenza A virus infection. Nature Medicine, 2019, 25, 962-967.	30.7	138
22	Effects of infection history on dengue virus infection and pathogenicity. Nature Communications, 2019, 10, 1246.	12.8	26
23	Epidemiological Evidence for Lineage-Specific Differences in the Risk of Inapparent Chikungunya Virus Infection. Journal of Virology, 2019, 93, .	3.4	37
24	Differences in Transmission and Disease Severity Between 2 Successive Waves of Chikungunya. Clinical Infectious Diseases, 2018, 67, 1760-1767.	5.8	29
25	Dynamics and determinants of the force of infection of dengue virus from 1994 to 2015 in Managua, Nicaragua. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10762-10767.	7.1	26
26	Influenza Transmission Dynamics in Urban Households, Managua, Nicaragua, 2012â€“2014. Emerging Infectious Diseases, 2018, 24, 1882-1888.	4.3	20
27	Obesity Increases the Duration of Influenza A Virus Shedding in Adults. Journal of Infectious Diseases, 2018, 218, 1378-1382.	4.0	178
28	Differing epidemiological dynamics of Chikungunya virus in the Americas during the 2014-2015 epidemic. PLoS Neglected Tropical Diseases, 2018, 12, e0006670.	3.0	23
29	Antibody-dependent enhancement of severe dengue disease in humans. Science, 2017, 358, 929-932.	12.6	800
30	Association between Haemagglutination inhibiting antibodies and protection against clade 6B viruses in 2013 and 2015. Vaccine, 2017, 35, 6202-6207.	3.8	8
31	Influenza and respiratory syncytial virus in infants study (IRIS) of hospitalized and non-ill infants aged <1 year in four countries: study design and methods. BMC Infectious Diseases, 2017, 17, 222.	2.9	6
32	Characterization of Dengue Virus Infections Among Febrile Children Clinically Diagnosed With a Non-Dengue Illness, Managua, Nicaragua. Journal of Infectious Diseases, 2017, 215, 1816-1823.	4.0	15
33	Development of in-house serological methods for diagnosis and surveillance of chikungunya. Revista Panamericana De Salud Publica/Pan American Journal of Public Health, 2017, 41, 1.	1.1	13
34	Single-Reaction Multiplex Reverse Transcription PCR for Detection of Zika, Chikungunya, and Dengue Viruses. Emerging Infectious Diseases, 2016, 22, 1295-1297.	4.3	142
35	Metabolomics-Based Discovery of Small Molecule Biomarkers in Serum Associated with Dengue Virus Infections and Disease Outcomes. PLoS Neglected Tropical Diseases, 2016, 10, e0004449.	3.0	53
36	Seroprevalence of Anti-Chikungunya Virus Antibodies in Children and Adults in Managua, Nicaragua, After the First Chikungunya Epidemic, 2014-2015. PLoS Neglected Tropical Diseases, 2016, 10, e0004773.	3.0	37

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37	The Timeline of Influenza Virus Shedding in Children and Adults in a Household Transmission Study of Influenza in Managua, Nicaragua. Pediatric Infectious Disease Journal, 2016, 35, 583-586.	2.0	59
38	Homotypic Dengue Virus Reinfections in Nicaraguan Children. Journal of Infectious Diseases, 2016, 214, 986-993.	4.0	100
39	Burden of Influenza and Influenza-associated Pneumonia in the First Year of Life in a Prospective Cohort Study in Managua, Nicaragua. Pediatric Infectious Disease Journal, 2016, 35, 152-156.	2.0	19
40	Viremia and Clinical Presentation in Nicaraguan Patients Infected With Zika Virus, Chikungunya Virus, and Dengue Virus. Clinical Infectious Diseases, 2016, 63, 1584-1590.	5.8	249
41	Clinical Attack Rate of Chikungunya in a Cohort of Nicaraguan Children. American Journal of Tropical Medicine and Hygiene, 2016, 94, 397-399.	1.4	27
42	Immunodominant Dengue Virus-Specific CD8 ⁺ T Cell Responses Are Associated with a Memory PD-1 ⁺ Phenotype. Journal of Virology, 2016, 90, 4771-4779.	3.4	71
43	Clinical evaluation of a single-reaction real-time RT-PCR for pan-dengue and chikungunya virus detection. Journal of Clinical Virology, 2016, 78, 57-61.	3.1	48
44	Chikungunya Virus Sequences Across the First Epidemic in Nicaragua, 2014â€“2015. American Journal of Tropical Medicine and Hygiene, 2016, 94, 400-403.	1.4	17
45	Neutralizing antibody titers against dengue virus correlate with protection from symptomatic infection in a longitudinal cohort. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 728-733.	7.1	156
46	The Nicaraguan pediatric influenza cohort study: design, methods, use of technology, and compliance. BMC Infectious Diseases, 2015, 15, 504.	2.9	30
47	Human CD8⁺T-Cell Responses Against the 4 Dengue Virus Serotypes Are Associated With Distinct Patterns of Protein Targets. Journal of Infectious Diseases, 2015, 212, 1743-1751.	4.0	129
48	Infectious Chikungunya Virus in the Saliva of Mice, Monkeys and Humans. PLoS ONE, 2015, 10, e0139481.	2.5	32
49	Epidemiological Risk Factors Associated with High Global Frequency of Inapparent Dengue Virus Infections. Frontiers in Immunology, 2014, 5, 280.	4.8	144
50	Multiplex Nucleic Acid Amplification Test for Diagnosis of Dengue Fever, Malaria, and Leptospirosis. Journal of Clinical Microbiology, 2014, 52, 2011-2018.	3.9	28
51	Selection of RNA aptamers against the M. tuberculosis EsxG protein using surface plasmon resonance-based SELEX. Biochemical and Biophysical Research Communications, 2014, 449, 114-119.	2.1	26
52	Symptomatic Versus Inapparent Outcome in Repeat Dengue Virus Infections Is Influenced by the Time Interval between Infections and Study Year. PLoS Neglected Tropical Diseases, 2013, 7, e2357.	3.0	205
53	The Nicaraguan Pediatric Dengue Cohort Study: Incidence of Inapparent and Symptomatic Dengue Virus Infections, 2004â€“2010. PLoS Neglected Tropical Diseases, 2013, 7, e2462.	3.0	94
54	Single-Reaction, Multiplex, Real-Time RT-PCR for the Detection, Quantitation, and Serotyping of Dengue Viruses. PLoS Neglected Tropical Diseases, 2013, 7, e2116.	3.0	93

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55	Evaluation of the Diagnostic Utility of the Traditional and Revised WHO Dengue Case Definitions. PLoS Neglected Tropical Diseases, 2013, 7, e2385.	3.0	45
56	Development of an Internally Controlled Real-Time Reverse Transcriptase PCR Assay for Pan-Dengue Virus Detection and Comparison of Four Molecular Dengue Virus Detection Assays. Journal of Clinical Microbiology, 2013, 51, 2172-2181.	3.9	44
57	Comparison of the FDA-Approved CDC DENV-1-4 Real-Time Reverse Transcription-PCR with a Laboratory-Developed Assay for Dengue Virus Detection and Serotyping. Journal of Clinical Microbiology, 2013, 51, 3418-3420.	3.9	58
58	High-Throughput Sequencing Enhanced Phage Display Identifies Peptides That Bind Mycobacteria. PLoS ONE, 2013, 8, e77844.	2.5	22
59	Interstitial lung disease induced by gefitinib and Toll-like receptor ligands is mediated by Fra-1. Oncogene, 2011, 30, 3821-3832.	5.9	26
60	Hepatocyte nuclear factor 1Î± and Î² control terminal differentiation and cell fate commitment in the gut epithelium. Development (Cambridge), 2010, 137, 1573-1582.	2.5	84
61	SATB1 Defines the Developmental Context for Gene Silencing by Xist in Lymphoma and Embryonic Cells. Developmental Cell, 2009, 16, 507-516.	7.0	183
62	The role of the transcription factor AP-1 in colitis-associated and Î²-catenin-dependent intestinal tumorigenesis in mice. Oncogene, 2008, 27, 6102-6109.	5.9	30
63	Hepatic Stem-like Phenotype and Interplay of Wnt/Î²-Catenin and Myc Signaling in Aggressive Childhood Liver Cancer. Cancer Cell, 2008, 14, 471-484.	16.8	443
64	Efficient adult skeletal muscle regeneration in mice deficient in p38Î², p38Î³ and p38Î´ MAP kinases. Cell Cycle, 2008, 7, 2208-2214.	2.6	41
65	Genetic analysis of p38 MAP kinases in myogenesis: fundamental role of p38Î± in abrogating myoblast proliferation. EMBO Journal, 2007, 26, 1245-1256.	7.8	217
66	The SWI/SNF chromatin-remodeling complex subunit SNF5 is essential for hepatocyte differentiation. EMBO Journal, 2005, 24, 3313-3324.	7.8	87
67	Shifting boundaries of retinoic acid activity control hindbrain segmental gene expression. Development (Cambridge), 2005, 132, 2611-2622.	2.5	154
68	A transcriptional network in polycystic kidney disease. EMBO Journal, 2004, 23, 1657-1668.	7.8	303
69	Selective Deletion of the Hnf1Î² (MODY5) Gene in Î²-Cells Leads to Altered Gene Expression and Defective Insulin Release. Endocrinology, 2004, 145, 3941-3949.	2.8	65
70	Cystic kidney diseases: learning from animal models. Nephrology Dialysis Transplantation, 2004, 19, 2700-2702.	0.7	17
71	Hepatic artery malformations associated with a primary defect in intrahepatic bile duct development. Journal of Hepatology, 2003, 39, 686-692.	3.7	54
72	Bile system morphogenesis defects and liver dysfunction upon targeted deletion of HNF1Î². Development (Cambridge), 2002, 129, 1829-1838.	2.5	297

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73	Bile system morphogenesis defects and liver dysfunction upon targeted deletion of HNF1beta. Development (Cambridge), 2002, 129, 1829-38.	2.5	106
74	Characterization of the Human OATP-C (SLC21A6) Gene Promoter and Regulation of Liver-specific OATP Genes by Hepatocyte Nuclear Factor 1Î±. Journal of Biological Chemistry, 2001, 276, 37206-37214.	3.4	146
75	Letters. Diabetologia, 1999, 42, 380-381.	6.3	46
76	Single dose vaccination among infants and toddlers provides modest protection against influenza illness which wanes after 5 months. Journal of Infectious Diseases, 0, , .	4.0	1