

Lionel Gresh

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

6,263
citations

87888

38
h-index

74163

75
g-index

77
all docs

77
docs citations

77
times ranked

9768
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibody-dependent enhancement of severe dengue disease in humans. <i>Science</i> , 2017, 358, 929-932.	12.6	800
2	Hepatic Stem-like Phenotype and Interplay of Wnt/ β -Catenin and Myc Signaling in Aggressive Childhood Liver Cancer. <i>Cancer Cell</i> , 2008, 14, 471-484.	16.8	443
3	A transcriptional network in polycystic kidney disease. <i>EMBO Journal</i> , 2004, 23, 1657-1668.	7.8	303
4	Bile system morphogenesis defects and liver dysfunction upon targeted deletion of HNF1 β . <i>Development (Cambridge)</i> , 2002, 129, 1829-1838.	2.5	297
5	Viremia and Clinical Presentation in Nicaraguan Patients Infected With Zika Virus, Chikungunya Virus, and Dengue Virus. <i>Clinical Infectious Diseases</i> , 2016, 63, 1584-1590.	5.8	249
6	Global burden of respiratory infections associated with seasonal influenza in children under 5 years in 2018: a systematic review and modelling study. <i>The Lancet Global Health</i> , 2020, 8, e497-e510.	6.3	235
7	Genetic analysis of p38 MAP kinases in myogenesis: fundamental role of p38 α in abrogating myoblast proliferation. <i>EMBO Journal</i> , 2007, 26, 1245-1256.	7.8	217
8	Symptomatic Versus Inapparent Outcome in Repeat Dengue Virus Infections Is Influenced by the Time Interval between Infections and Study Year. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2357.	3.0	205
9	SATB1 Defines the Developmental Context for Gene Silencing by Xist in Lymphoma and Embryonic Cells. <i>Developmental Cell</i> , 2009, 16, 507-516.	7.0	183
10	Obesity Increases the Duration of Influenza A Virus Shedding in Adults. <i>Journal of Infectious Diseases</i> , 2018, 218, 1378-1382.	4.0	178
11	Neutralizing antibody titers against dengue virus correlate with protection from symptomatic infection in a longitudinal cohort. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 728-733.	7.1	156
12	Shifting boundaries of retinoic acid activity control hindbrain segmental gene expression. <i>Development (Cambridge)</i> , 2005, 132, 2611-2622.	2.5	154
13	Characterization of the Human OATP-C (SLC21A6) Gene Promoter and Regulation of Liver-specific OATP Genes by Hepatocyte Nuclear Factor 1 α . <i>Journal of Biological Chemistry</i> , 2001, 276, 37206-37214.	3.4	146
14	Epidemiological Risk Factors Associated with High Global Frequency of Inapparent Dengue Virus Infections. <i>Frontiers in Immunology</i> , 2014, 5, 280.	4.8	144
15	Single-Reaction Multiplex Reverse Transcription PCR for Detection of Zika, Chikungunya, and Dengue Viruses. <i>Emerging Infectious Diseases</i> , 2016, 22, 1295-1297.	4.3	142
16	Novel correlates of protection against pandemic H1N1 influenza A virus infection. <i>Nature Medicine</i> , 2019, 25, 962-967.	30.7	138
17	Prior dengue virus infection and risk of Zika: A pediatric cohort in Nicaragua. <i>PLoS Medicine</i> , 2019, 16, e1002726.	8.4	130
18	Human CD8 ⁺ T-Cell Responses Against the 4 Dengue Virus Serotypes Are Associated With Distinct Patterns of Protein Targets. <i>Journal of Infectious Diseases</i> , 2015, 212, 1743-1751.	4.0	129

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19	Bile system morphogenesis defects and liver dysfunction upon targeted deletion of HNF1beta. <i>Development (Cambridge)</i> , 2002, 129, 1829-38.	2.5	106
20	Homotypic Dengue Virus Reinfections in Nicaraguan Children. <i>Journal of Infectious Diseases</i> , 2016, 214, 986-993.	4.0	100
21	The Nicaraguan Pediatric Dengue Cohort Study: Incidence of Inapparent and Symptomatic Dengue Virus Infections, 2004â€“2010. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2462.	3.0	94
22	Single-Reaction, Multiplex, Real-Time RT-PCR for the Detection, Quantitation, and Serotyping of Dengue Viruses. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2116.	3.0	93
23	The SWI/SNF chromatin-remodeling complex subunit SNF5 is essential for hepatocyte differentiation. <i>EMBO Journal</i> , 2005, 24, 3313-3324.	7.8	87
24	Hepatocyte nuclear factor 1 α and 1 β control terminal differentiation and cell fate commitment in the gut epithelium. <i>Development (Cambridge)</i> , 2010, 137, 1573-1582.	2.5	84
25	Immunodominant Dengue Virus-Specific CD8 ⁺ T Cell Responses Are Associated with a Memory PD-1 ⁺ Phenotype. <i>Journal of Virology</i> , 2016, 90, 4771-4779.	3.4	71
26	Selective Deletion of the Hnf1 β (MODY5) Gene in β -Cells Leads to Altered Gene Expression and Defective Insulin Release. <i>Endocrinology</i> , 2004, 145, 3941-3949.	2.8	65
27	Association Between the Respiratory Microbiome and Susceptibility to Influenza Virus Infection. <i>Clinical Infectious Diseases</i> , 2020, 71, 1195-1203.	5.8	63
28	The Timeline of Influenza Virus Shedding in Children and Adults in a Household Transmission Study of Influenza in Managua, Nicaragua. <i>Pediatric Infectious Disease Journal</i> , 2016, 35, 583-586.	2.0	59
29	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. <i>Journal of Clinical Microbiology</i> , 2013, 51, 3418-3420.	3.9	58
30	Pre-existing Antineuraminidase Antibodies Are Associated With Shortened Duration of Influenza A(H1N1)pdm Virus Shedding and Illness in Naturally Infected Adults. <i>Clinical Infectious Diseases</i> , 2020, 70, 2290-2297.	5.8	56
31	Hepatic artery malformations associated with a primary defect in intrahepatic bile duct development. <i>Journal of Hepatology</i> , 2003, 39, 686-692.	3.7	54
32	Metabolomics-Based Discovery of Small Molecule Biomarkers in Serum Associated with Dengue Virus Infections and Disease Outcomes. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004449.	3.0	53
33	Influenza Virus Infection Induces a Narrow Antibody Response in Children but a Broad Recall Response in Adults. <i>MBio</i> , 2020, 11, .	4.1	49
34	Clinical evaluation of a single-reaction real-time RT-PCR for pan-dengue and chikungunya virus detection. <i>Journal of Clinical Virology</i> , 2016, 78, 57-61.	3.1	48
35	Letters. <i>Diabetologia</i> , 1999, 42, 380-381.	6.3	46
36	Evaluation of the Diagnostic Utility of the Traditional and Revised WHO Dengue Case Definitions. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2385.	3.0	45

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37	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. <i>Journal of Clinical Microbiology</i> , 2013, 51, 2172-2181.	3.9	44
38	Efficient adult skeletal muscle regeneration in mice deficient in p38 ^{̂2} , p38 ^{̂3} and p38 [̂] MAP kinases. <i>Cell Cycle</i> , 2008, 7, 2208-2214.	2.6	41
39	Seroprevalence of Anti-Chikungunya Virus Antibodies in Children and Adults in Managua, Nicaragua, After the First Chikungunya Epidemic, 2014-2015. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004773.	3.0	37
40	Epidemiological Evidence for Lineage-Specific Differences in the Risk of Inapparent Chikungunya Virus Infection. <i>Journal of Virology</i> , 2019, 93, .	3.4	37
41	Infectious Chikungunya Virus in the Saliva of Mice, Monkeys and Humans. <i>PLoS ONE</i> , 2015, 10, e0139481.	2.5	32
42	Dengue and Zika virus infections in children elicit cross-reactive protective and enhancing antibodies that persist long term. <i>Science Translational Medicine</i> , 2021, 13, eabg9478.	12.4	32
43	The role of the transcription factor AP-1 in colitis-associated and ^{̂2} -catenin-dependent intestinal tumorigenesis in mice. <i>Oncogene</i> , 2008, 27, 6102-6109.	5.9	30
44	The Nicaraguan pediatric influenza cohort study: design, methods, use of technology, and compliance. <i>BMC Infectious Diseases</i> , 2015, 15, 504.	2.9	30
45	Age-dependent manifestations and case definitions of paediatric Zika: a prospective cohort study. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 371-380.	9.1	30
46	Differences in Transmission and Disease Severity Between 2 Successive Waves of Chikungunya. <i>Clinical Infectious Diseases</i> , 2018, 67, 1760-1767.	5.8	29
47	Multiplex Nucleic Acid Amplification Test for Diagnosis of Dengue Fever, Malaria, and Leptospirosis. <i>Journal of Clinical Microbiology</i> , 2014, 52, 2011-2018.	3.9	28
48	Clinical Attack Rate of Chikungunya in a Cohort of Nicaraguan Children. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 94, 397-399.	1.4	27
49	Interstitial lung disease induced by gefitinib and Toll-like receptor ligands is mediated by Fra-1. <i>Oncogene</i> , 2011, 30, 3821-3832.	5.9	26
50	Selection of RNA aptamers against the M. tuberculosis EsxG protein using surface plasmon resonance-based SELEX. <i>Biochemical and Biophysical Research Communications</i> , 2014, 449, 114-119.	2.1	26
51	Dynamics and determinants of the force of infection of dengue virus from 1994 to 2015 in Managua, Nicaragua. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10762-10767.	7.1	26
52	Effects of infection history on dengue virus infection and pathogenicity. <i>Nature Communications</i> , 2019, 10, 1246.	12.8	26
53	Differing epidemiological dynamics of Chikungunya virus in the Americas during the 2014-2015 epidemic. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006670.	3.0	23
54	High-Throughput Sequencing Enhanced Phage Display Identifies Peptides That Bind Mycobacteria. <i>PLoS ONE</i> , 2013, 8, e77844.	2.5	22

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55	Underdetection of laboratory-confirmed influenza-associated hospital admissions among infants: a multicentre, prospective study. <i>The Lancet Child and Adolescent Health</i> , 2019, 3, 781-794.	5.6	22
56	Influenza Transmission Dynamics in Urban Households, Managua, Nicaragua, 2012–2014. <i>Emerging Infectious Diseases</i> , 2018, 24, 1882-1888.	4.3	20
57	Burden of Influenza and Influenza-associated Pneumonia in the First Year of Life in a Prospective Cohort Study in Managua, Nicaragua. <i>Pediatric Infectious Disease Journal</i> , 2016, 35, 152-156.	2.0	19
58	Cystic kidney diseases: learning from animal models. <i>Nephrology Dialysis Transplantation</i> , 2004, 19, 2700-2702.	0.7	17
59	Chikungunya Virus Sequences Across the First Epidemic in Nicaragua, 2014–2015. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 94, 400-403.	1.4	17
60	Implementation of a COVID-19 Genomic Surveillance Regional Network for Latin America and Caribbean region. <i>PLoS ONE</i> , 2022, 17, e0252526.	2.5	17
61	Characterization of Dengue Virus Infections Among Febrile Children Clinically Diagnosed With a Non-Dengue Illness, Managua, Nicaragua. <i>Journal of Infectious Diseases</i> , 2017, 215, 1816-1823.	4.0	15
62	Assessing the Incidence of Symptomatic Respiratory Syncytial Virus Illness Within a Prospective Birth Cohort in Managua, Nicaragua. <i>Clinical Infectious Diseases</i> , 2020, 70, 2029-2035.	5.8	15
63	Intent to obtain pediatric influenza vaccine among mothers in four middle income countries. <i>Vaccine</i> , 2020, 38, 4325-4335.	3.8	13
64	Development of in-house serological methods for diagnosis and surveillance of chikungunya. <i>Revista Panamericana De Salud Publica/Pan American Journal of Public Health</i> , 2017, 41, 1.	1.1	13
65	Genetic risk for dengue hemorrhagic fever and dengue fever in multiple ancestries. <i>EBioMedicine</i> , 2020, 51, 102584.	6.1	10
66	Individual-level Association of Influenza Infection With Subsequent Pneumonia: A Case-control and Prospective Cohort Study. <i>Clinical Infectious Diseases</i> , 2021, 73, e4288-e4295.	5.8	10
67	Obesity Is Associated With Increased Susceptibility to Influenza A (H1N1pdm) but Not H3N2 Infection. <i>Clinical Infectious Diseases</i> , 2021, 73, e4345-e4352.	5.8	10
68	Association between Haemagglutination inhibiting antibodies and protection against clade 6B viruses in 2013 and 2015. <i>Vaccine</i> , 2017, 35, 6202-6207.	3.8	8
69	COVID-19 laboratory preparedness and response in the Americas Region: Lessons learned. <i>PLoS ONE</i> , 2021, 16, e0253334.	2.5	8
70	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. <i>BMC Infectious Diseases</i> , 2017, 17, 222.	2.9	6
71	The Nicaraguan Pediatric Influenza Cohort Study, 2011–2019: Influenza Incidence, Seasonality, and Transmission. <i>Clinical Infectious Diseases</i> , 2023, 76, e1094-e1103.	5.8	5
72	Antibody responses to influenza A(H1N1)pdm infection. <i>Vaccine</i> , 2020, 38, 4221-4225.	3.8	4

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73	Birth cohort relative to an influenza A virus's antigenic cluster introduction drives patterns of children's antibody titers. PLoS Pathogens, 2022, 18, e1010317.	4.7	3
74	Influenza Illness and Partial Vaccination in the First Two Years of Life. Vaccines, 2021, 9, 676.	4.4	2
75	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
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