Lester M Shulman

List of Publications by Year
in descending order

81 papers	2,197 citations	201575 27 h-index	243529 44 g-index
83 all docs	83 docs citations	83 times ranked	2228 citing authors

#	Article	IF	Citations
1	Specific phosphorylation in vitro of a protein associated with ribosomes of interferon-treated mouse L cells. FEBS Letters, 1976, 68, 119-124.	1.3	250
2	Epidemiology of the silent polio outbreak in Rahat, Israel, based on modeling of environmental surveillance data. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10625-E10633.	3.3	126
3	Molecular and Antigenic Characterization of a Highly Evolved Derivative of the Type 2 Oral Poliovaccine Strain Isolated from Sewage in Israel. Journal of Clinical Microbiology, 2000, 38, 3729-3734.	1.8	96
4	The Plasmacytoma Growth Inhibitor Restrictin-P Is an Antagonist of Interleukin 6 and Interleukin 11. Journal of Biological Chemistry, 1995, 270, 29594-29600.	1.6	88
5	Interferon-dependent induction of mRNA activity for (2â€²â€“5â€²)oligo-isoadenylate synthetase. Nature, 1980, 288, 98-100.	13.7	77
6	Viruses with Circular Single-Stranded DNA Genomes Are Everywhere!. Annual Review of Virology, 2017, 4, 159-180.	3.0	77
7	Resolution of the Pathways of Poliovirus Type 1 Transmission during an Outbreak. Journal of Clinical Microbiology, 2000, 38, 945-952.	1.8	67
8	Neurovirulent Vaccine-Derived Polioviruses in Sewage from Highly Immune Populations. PLoS ONE, 2006, 1, e69.	1.1	66
9	Modeling Options to Manage Type 1 Wild Poliovirus Imported Into Israel in 2013. Journal of Infectious Diseases, 2015, 211, 1800-1812.	1.9	63
10	Glycerol induced ARF in rats is mediated by tumor necrosis factor-Î±. Kidney International, 1993, 43, 1397-1401.	2.6	54
11	Stiff-Person Syndrome Following West Nile Fever. Archives of Neurology, 2004, 61, 938.	4.9	54
12	Isolation and Characterization of West Nile Virus from the Blood of Viremic Patients During the 2000 Outbreak in Israel. Emerging Infectious Diseases, 2001, 7, 748-750.	2.0	49
13	Coxsackievirus A6-related hand foot and mouth disease: Skin manifestations in a cluster of adult patients. Journal of Clinical Virology, 2014, 59, 201-203.	1.6	49
14	Effectiveness of rotavirus vaccines for prevention of rotavirus gastroenteritis-associated hospitalizations in Israel: A case-control study. Hum Vaccin, 2010, 6, 450-454.	2.4	48
15	Involvement of Tumor Necrosis Factor Alpha and Interleukin-1Î² in Enhancement of Pentylenetetrazole-Induced Seizures Caused by Shigella dysenteriae. Infection and Immunity, 1999, 67, 1455-1460.	1.0	48
16	The Israeli public health response to wild poliovirus importation. Lancet Infectious Diseases, The, 2015, 15, 1236-1242.	4.6	45
17	Incidence, Characteristics, and Economic Burden of Rotavirus Gastroenteritis Associated with Hospitalization of Israeli Children <5 Years of Age, 2007â€“2008. Journal of Infectious Diseases, 2009, 200, S254-S263.	1.9	44
18	Evaluation of Four Different Systems for Extraction of RNA from Stool Suspensions Using MS-2 Coliphage as an Exogenous Control for RT-PCR Inhibition. PLoS ONE, 2012, 7, e39455.	1.1	39

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19	Identification by Full-Genome Analysis of a Bovine Rotavirus Transmitted Directly to and Causing Diarrhea in a Human Child. Journal of Clinical Microbiology, 2013, 51, 182-189.	1.8	38
20	CMV reactivation induced BK virus-associated late onset hemorrhagic cystitis after peripheral blood stem cell transplantation. Bone Marrow Transplantation, 2001, 28, 613-614.	1.3	35
21	Barkedji virus, a novel mosquito-borne flavivirus identified in Culex perexiguus mosquitoes, Israel, 2011. Journal of General Virology, 2013, 94, 2449-2457.	1.3	35
22	Characterization of Large Mumps Outbreak among Vaccinated Palestinian Refugees. Journal of Clinical Microbiology, 2009, 47, 560-565.	1.8	34
23	Characterization of Human Metapneumovirus Infections in Israel. Journal of Clinical Microbiology, 2006, 44, 1484-1489.	1.8	33
24	Human parechovirus type 3 central nervous system infections in Israeli infants. Journal of Clinical Virology, 2013, 58, 205-210.	1.6	33
25	Intestinal immunity following a combined enhanced inactivated polio vaccine/oral polio vaccine programme in Israel. Vaccine, 2008, 26, 1083-1090.	1.7	31
26	Genetic Analysis and Characterization of Wild Poliovirus Type 1 During Sustained Transmission in a Population With >95% Vaccine Coverage, Israel 2013. Clinical Infectious Diseases, 2015, 60, 1057-1064.	2.9	30
27	Mosquito Surveillance for 15 Years Reveals High Genetic Diversity Among West Nile Viruses in Israel. Journal of Infectious Diseases, 2016, 213, 1107-1114.	1.9	30
28	Modeling the spread of polio in an IPV-vaccinated population: lessons learned from the 2013 silent outbreak in southern Israel. BMC Medicine, 2016, 14, 95.	2.3	28
29	Abrogation of B16 Melanoma Metastases by Long-Term Low-Dose Interleukin-6 Therapy. Journal of Immunotherapy, 1993, 13, 98-109.	1.2	27
30	Laboratory Challenges in Response to Silent Introduction and Sustained Transmission of Wild Poliovirus Type 1 in Israel During 2013. Journal of Infectious Diseases, 2014, 210, S304-S314.	1.9	27
31	Effectiveness of rotavirus pentavalent vaccine under a universal immunization programme in Israel, 2011â€“2015: a caseâ€“control study. Clinical Microbiology and Infection, 2018, 24, 53-59.	2.8	27
32	Antibodies to chromosome 21 coded cell surface components block binding of human Î± interferon but not Î» interferon to human cells. Virology, 1984, 137, 422-427.	1.1	26
33	BK-virus-associated Hemorrhagic Cystitis in Children After Hematopoietic Stem Cell Transplantation. Journal of Pediatric Hematology/Oncology, 2011, 33, 190-193.	0.3	23
34	A new variant of echovirus 4 associated with a large outbreak of aseptic meningitis. Journal of Clinical Virology, 1999, 13, 29-36.	1.6	22
35	A significant and consistent reduction in rotavirus gastroenteritis hospitalization of children under 5Âyears of age, following the introduction of universal rotavirus immunization in Israel. Human Vaccines and Immunotherapeutics, 2015, 11, 2475-2482.	1.4	21
36	Incidence of rotavirus gastroenteritis hospitalizations and genotypes, before and five years after introducing universal immunization in Israel. Vaccine, 2016, 34, 5916-5922.	1.7	18

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37	Human enterovirus D68 in clinical and sewage samples in Israel. Journal of Clinical Virology, 2017, 86, 52-55.	1.6	18
38	High Frequency and Diversity of Rearrangements in Polyomavirus BK Noncoding Regulatory Regions Cloned from Urine and Plasma of Israeli Renal Transplant Patients and Evidence for a New Genetic Subtype. Journal of Clinical Microbiology, 2009, 47, 1402-1411.	1.8	17
39	Oral poliovaccine: will it help eradicate polio or cause the next epidemic?. Israel Medical Association Journal, 2006, 8, 312-5.	0.1	17
40	Combined therapy with IL-6 and inactivated tumor cells suppresses metastasis in mice bearing 3LL lung carcinomas. International Journal of Cancer, 1993, 53, 812-818.	2.3	15
41	Somatic cell genetics and flow cytometry. Cytometry, 1983, 4, 99-108.	1.8	14
42	Incidence and Characteristics of Sporadic Norovirus Gastroenteritis Associated with Hospitalization of Children Less Than 5 Years of Age in Israel. Pediatric Infectious Disease Journal, 2013, 32, 688-690.	1.1	14
43	Quantitative multiplex one-step RT-PCR assay for identification and quantitation of Sabin strains of poliovirus in clinical and environmental specimens. Journal of Virological Methods, 2018, 259, 74-80.	1.0	14
44	Assignment of low-molecular-weight human (2?, 5?)a synthetase to chromosome 11. Somatic Cell and Molecular Genetics, 1984, 10, 247-257.	0.7	13
45	Poliovirus Vaccine and Vaccine-Derived Polioviruses. New England Journal of Medicine, 2010, 363, 1870-1871.	13.9	13
46	Field study of fecal excretion as a decision support tool in response to silent reintroduction of wild-type poliovirus 1 into Israel. Journal of Clinical Virology, 2015, 66, 51-55.	1.6	12
47	Antiviral Activity of 3(2H)- and 6-Chloro-3(2H)-Isoflavenes against Highly Diverged, Neurovirulent Vaccine-Derived, Type2 Poliovirus Sewage Isolates. PLoS ONE, 2011, 6, e18360.	1.1	11
48	Antibodies to islet cell autoantigens, rotaviruses and/or enteroviruses in cord blood and healthy mothers in relation to the 2010â€“2011 winter viral seasons in Israel: a pilot study. Diabetic Medicine, 2014, 31, 681-685.	1.2	11
49	BK Virus Infection and Its Effect on Renal Function in Pediatric Liver-Transplant Recipients: A Cross-Sectional, Longitudinal, Prospective Study. Transplantation, 2011, 92, 943-946.	0.5	10
50	Hemophagocytic Lymphohistiocytosis Associated With Parechovirus 3 Infection. Journal of Pediatric Hematology/Oncology, 2014, 36, e251-e253.	0.3	10
51	Coxsackievirus A6 Polymorphic Exanthem in Israeli Children. Acta Dermato-Venereologica, 2016, 96, 546-549.	0.6	10
52	Prolonged excretion of type-2 poliovirus from a primary immune deficient patient during the transition to a type-2 poliovirus-free world, Israel, 2016. Eurosurveillance, 2016, 21, .	3.9	10
53	Insight into the intrinsic sensitivity of the PCR assay used to detect CMV infection in amniotic fluid specimens. Journal of Clinical Virology, 2004, 29, 260-270.	1.6	9
54	Molecular Characterization of Polio from Environmental Samples: ISSP, The Israeli Sewage Surveillance Protocol. Methods in Molecular Biology, 2016, 1387, 55-107.	0.4	9

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55	Involvement of Interleukin-6 in the Autocrine Stimulation of Chronic Lymphocytic Leukemia B Cells by Tumor Necrosis Factor. Leukemia and Lymphoma, 1991, 5, 65-69.	0.6	8
56	Co-appearance of OPV and BCG vaccine-derived complications in two infants with severe combined immunodeficiency. Immunologic Research, 2018, 66, 437-443.	1.3	8
57	No evidence of an increase in the incidence of norovirus gastroenteritis hospitalizations in young children after the introduction of universal rotavirus immunization in Israel. Human Vaccines and Immunotherapeutics, 2019, 15, 1284-1293.	1.4	8
58	First report of a persistent oropharyngeal infection of type 2 vaccine-derived poliovirus (iVDPV2) in a primary immune deficient (PID) patient after eradication of wild type 2 poliovirus. International Journal of Infectious Diseases, 2019, 83, 40-43.	1.5	8
59	The role of time-varying viral shedding in modelling environmental surveillance for public health: revisiting the 2013 poliovirus outbreak in Israel. Journal of the Royal Society Interface, 2022, 19, 20220006.	1.5	8
60	Type 2 Polio Still in Our Midst. Science, 2009, 324, 334-334.	6.0	7
61	Evolution of echovirus 11 in a chronically infected immunodeficient patient. PLoS Pathogens, 2018, 14, e1006943.	2.1	7
62	An Attenuation in the Incidence of Early Childhood Diabetes Correlates With Introduction of Rotavirus Vaccination in Israel. Journal of Infectious Diseases, 2021, 223, 1305-1307.	1.9	6
63	Immune status to poliovirus among immigrant workers in Israel. Preventive Medicine, 2005, 40, 685-689.	1.6	5
64	Genotyping Rotavirus RNA from Archived Rotavirus-Positive Rapid Test Strips. Emerging Infectious Diseases, 2011, 17, 44-48.	2.0	5
65	How many OPV rounds are required to stop wild polio virus circulation in a developed country? Lessons from the Israeli experience. Vaccine, 2016, 34, 299-301.	1.7	5
66	Bioterrorism and Surveillance for Infectious Diseases - Lessons from Poliovirus and Enteric Virus Surveillance. Journal of Bioterrorism & Biodefense, 2012, 01, .	0.1	5
67	Inferring Numbers of Wild Poliovirus Excretors Using Quantitative Environmental Surveillance. Vaccines, 2021, 9, 870.	2.1	4
68	Polio polio and Its Epidemiology polio epidemiology. , 2012, , 8123-8173.		4
69	INTERFERON-INDUCED ENZYMES: SYNTHESIS AND FUNCTION IN THE CELL-REGULATORY ACTION OF INTERFERONS. , 1981, , 361-384.		4
70	A novel magnetic beads-based method for polioviral concentration from environmental samples. Journal of Virological Methods, 2018, 260, 62-69.	1.0	3
71	Use of the Whole Country Insulin Consumption Data in Israel to Determine the Prevalence of Type 1 Diabetes in Children <5 Years of Age Before and During Rotavirus Vaccination. Pediatric Infectious Disease Journal, 2021, 40, 771-773.	1.1	3
72	Interferon-?-related DNA on human chromosome 4. Somatic Cell and Molecular Genetics, 1985, 11, 403-408.	0.7	2

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73	Underperformed and Underreported Testing for Persistent Oropharyngeal Poliovirus Infections in Primary Immune Deficient Patientsâ€"Risk for Reemergence of Polioviruses. Journal of the Pediatric Infectious Diseases Society, 2021, 10, 326-333.	0.6	2
74	THE REGULATION OF PROTEIN SYNTHESIS BY INTERFERON. , 1979, , 415-426.		2
75	For Debate: The Controversy whether Rotavirus Vaccination Attenuates the Incidence of Childhood Type 1 Diabetes. Pediatric Endocrinology Reviews, 2020, 17, 284-286.	1.2	2
76	Polio and Its Epidemiology. , 2013, , 237-308.		1
77	Norovirus in patients with gastroenteritis. Lancet Infectious Diseases, The, 2015, 15, 508.	4.6	0
78	Evidence of Renal Cell Injury in Acute Renal Failure. , 1991, , 642-647.		0
79	Environmental Surveillance for Polioviruses in Israel: Bioerror, Bioterror, or just Mother Nature. , 2014, , 17-34.		0
80	Polioviruses and other Enteroviruses. , 0, , .		0
81	Polio and Its Epidemiology. , 2020, , 1-73.		0