

# Eugenio Spencer

## List of Publications by Year in descending order

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45  
papers

1,090  
citations

430874

18  
h-index

434195

31  
g-index

46  
all docs

46  
docs citations

46  
times ranked

671  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome Replication and Packaging of Segmented Double-Stranded RNA Viruses. <i>Virology</i> , 2000, 277, 217-225.	2.4	130
2	Photoaffinity labeling of rotavirus VP1 with 8-azido-ATP: identification of the viral RNA polymerase. <i>Journal of Virology</i> , 1991, 65, 3964-3967.	3.4	86
3	Characterization of rotavirus guanylyltransferase activity associated with polypeptide VP3. <i>Journal of General Virology</i> , 1991, 72, 325-332.	2.9	82
4	Role of the inner protein capsid on in vitro human rotavirus transcription. <i>Journal of Virology</i> , 1986, 60, 797-802.	3.4	67
5	Development of a nanoparticle-based oral vaccine for Atlantic salmon against ISAV using an alphavirus replicon as adjuvant. <i>Fish and Shellfish Immunology</i> , 2015, 45, 157-166.	3.6	54
6	Characteristics and Analysis of Electropherotypes of Human Rotavirus Isolated in Chile. <i>Journal of Infectious Diseases</i> , 1983, 148, 41-48.	4.0	49
7	In vitro transcription catalyzed by heat-treated human rotavirus. <i>Journal of Virology</i> , 1981, 40, 1-10.	3.4	45
8	Infectious salmon anemia virus—Genetics and pathogenesis. <i>Virus Research</i> , 2011, 155, 10-19.	2.2	44
9	Bioinformatic Analysis of the Genome of Infectious Salmon Anemia Virus Associated with Outbreaks with High Mortality in Chile. <i>Journal of Virology</i> , 2010, 84, 11916-11928.	3.4	39
10	Role of the Histidine Triad-like Motif in Nucleotide Hydrolysis by the Rotavirus RNA-packaging Protein NSP2. <i>Journal of Biological Chemistry</i> , 2004, 279, 10624-10633.	3.4	36
11	Features of the 3'-Consensus Sequence of Rotavirus mRNAs Critical to Minus Strand Synthesis. <i>Virology</i> , 2001, 282, 221-229.	2.4	35
12	Nosocomial transmission of rotavirus from patients admitted with diarrhea. <i>Journal of Clinical Microbiology</i> , 1992, 30, 3294-3297.	3.9	33
13	Nanoparticles and microparticles of polymers and polysaccharides to administer fish vaccines. <i>Biological Research</i> , 2013, 46, 407-419.	3.4	31
14	Replication and Transcription of the Rotavirus Genome. <i>Current Pharmaceutical Design</i> , 2004, 10, 3769-3777.	1.9	27
15	Effect of S-adenosylmethionine on human rotavirus RNA synthesis. <i>Journal of Virology</i> , 1984, 52, 188-197.	3.4	26
16	Inhibitory Effect of a Nucleotide Analog on Infectious Salmon Anemia Virus Infection. <i>Journal of Virology</i> , 2011, 85, 8037-8045.	3.4	25
17	Evaluation of the immune response against immature viral particles of infectious pancreatic necrosis virus (IPNV): A new model to develop an attenuated vaccine. <i>Vaccine</i> , 2012, 30, 5110-5117.	3.8	21
18	Acute diarrhoeal disease in children under 7 years of age in a peri-urban slum of Santiago, Chile. <i>The Journal of Hygiene</i> , 1985, 95, 457-467.	0.9	20

#	ARTICLE	IF	CITATIONS
19	Open Reading Frame in Rotavirus mRNA Specifically Promotes Synthesis of Double-Stranded RNA: Template Size Also Affects Replication Efficiency. <i>Virology</i> , 1999, 264, 167-180.	2.4	18
20	NSP5 phosphorylation regulates the fate of viral mRNA in rotavirus infected cells. <i>Archives of Virology</i> , 2002, 147, 1899-1911.	2.1	18
21	Inhibition of in vitro reconstitution of rotavirus transcriptionally active particles by anti-VP6 monoclonal antibodies. <i>Archives of Virology</i> , 1994, 135, 193-200.	2.1	16
22	In vitro transcription of human pararotavirus. <i>Journal of Virology</i> , 1986, 57, 183-190.	3.4	16
23	In vitro reconstitution of rotavirus transcriptional activity using viral cores and recombinant baculovirus expressed VP 6. <i>Archives of Virology</i> , 1993, 133, 451-458.	2.1	14
24	Function of Rotavirus VP3 Polypeptide in Viral Morphogenesis. <i>Journal of General Virology</i> , 1993, 74, 937-941.	2.9	14
25	Identification of Sequences in Rotavirus mRNAs Important for Minus Strand Synthesis Using Antisense Oligonucleotides. <i>Virology</i> , 2001, 288, 71-80.	2.4	14
26	Development of plaque assay for Chilean Infectious Salmon Anaemia Virus, application for virus purification and titration in salmon <sc>ASK</sc> cells. <i>Journal of Fish Diseases</i> , 2014, 37, 989-995.	1.9	13
27	Characterization of rotavirus electropherotypes excreted by symptomatic and asymptomatic infants. <i>Epidemiology and Infection</i> , 1991, 106, 189-198.	2.1	11
28	Effect of nucleotide analogues on rotavirus transcription and replication. <i>Virology</i> , 1991, 184, 768-772.	2.4	11
29	Characterization of a rotavirus rearranged gene 11 by gene reassortment. <i>Archives of Virology</i> , 1998, 143, 1711-1722.	2.1	11
30	An ATPase activity associated with the rotavirus phosphoprotein NSP5. <i>Virology</i> , 2007, 369, 389-399.	2.4	11
31	Development of a Reverse Genetic System for Infectious Salmon Anemia Virus: Rescue of Recombinant Fluorescent Virus by Using Salmon Internal Transcribed Spacer Region 1 as a Novel Promoter. <i>Applied and Environmental Microbiology</i> , 2015, 81, 1210-1224.	3.1	11
32	Antiviral activity of phosphonoformate on rotavirus transcription and replication. <i>Antiviral Research</i> , 1995, 27, 71-83.	4.1	9
33	Faecal excretion of rotavirus and other enteropathogens in newborns of the high and low socio-economic stratum in Santiago, Chile. <i>Epidemiology and Infection</i> , 1988, 101, 425-436.	2.1	7
34	Involvement of structural and nonstructural polypeptides on rotavirus RNA synthesis. <i>Archivos De Biología Y Medicina Experimentales</i> , 1988, 21, 381-92.	0.0	7
35	Rotavirus detection by dot blot hybridization assay using a non-radioactive synthetic oligodeoxynucleotide probe. <i>Epidemiology and Infection</i> , 1992, 108, 175-184.	2.1	5
36	Characteristics of Single- and Double-Stranded RNA Synthesis by a Rotavirus SA-11 Mutant Thermosensitive in the RNA Polymerase Gene. <i>Intervirology</i> , 1995, 38, 256-263.	2.8	5

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37	Specific Subgroup B Adenovirus Diagnosis by PCR of the Fibre Gene. <i>Journal of Infection</i> , 2000, 40, 154-159.	3.3	5
38	Genomic adaptation of the ISA virus to <i>Salmo salar</i> codon usage. <i>Virology Journal</i> , 2013, 10, 223.	3.4	5
39	Analysis of the use of codon pairs in the HE gene of the ISA virus shows a correlation between bias in HPR codon-pair use and mortality rates caused by the virus. <i>Virology Journal</i> , 2013, 10, 180.	3.4	4
40	Ribavirin stimulates the immune response of Atlantic salmon. <i>Veterinary Immunology and Immunopathology</i> , 2015, 164, 93-100.	1.2	4
41	Effect of neomycin B on rotavirus plus- and minus-strand RNA synthesis. <i>Archives of Virology</i> , 2003, 148, 1071-1084.	2.1	3
42	Simultaneous detection of the IPN and ISA viruses in outbreaks of clinical disease and mortality in farmed Atlantic salmon, <i>Salmo salar</i> L., in Chile. <i>Journal of Fish Diseases</i> , 2012, 35, 461-465.	1.9	3
43	Effect of interferon and 2,5-oligoadenylates on rotavirus RNA synthesis. <i>Antiviral Research</i> , 1995, 26, 133-143.	4.1	1
44	Differential usage of RNA templates by the rotavirus <i>in vitro</i> replication system. <i>Archives of Virology</i> , 2004, 149, 1815-29.	2.1	1
45	Respiratory syncytial virus detection by dot blot hybridization with a nonradioactive synthetic oligo deoxynucleotide probe. <i>Journal of Medical Virology</i> , 1992, 37, 165-169.	5.0	0