

Marcelo Lopez LÃ³pez-Lastra

List of Publications by Year in descending order

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69
papers

1,906
citations

218677

26
h-index

276875

41
g-index

74
all docs

74
docs citations

74
times ranked

1944
citing authors

#	ARTICLE	IF	CITATIONS
1	The Leader of Human Immunodeficiency Virus Type 1 Genomic RNA Harbors an Internal Ribosome Entry Segment That Is Active during the G ₂ /M Phase of the Cell Cycle. <i>Journal of Virology</i> , 2003, 77, 3939-3949.	3.4	178
2	Translational control of retroviruses. <i>Nature Reviews Microbiology</i> , 2007, 5, 128-140.	28.6	115
3	Protein synthesis in eukaryotes: The growing biological relevance of cap-independent translation initiation. <i>Biological Research</i> , 2005, 38, 121-46.	3.4	103
4	Human Immunodeficiency Virus Type 1 (HIV-1) Induces the Cytoplasmic Retention of Heterogeneous Nuclear Ribonucleoprotein A1 by Disrupting Nuclear Import. <i>Journal of Biological Chemistry</i> , 2009, 284, 31350-31362.	3.4	90
5	An Internal Ribosome Entry Segment Promotes Translation of the Simian Immunodeficiency Virus Genomic RNA. <i>Journal of Biological Chemistry</i> , 2000, 275, 11899-11906.	3.4	73
6	Characterization of an Internal Ribosomal Entry Segment Within the 5' Leader of Avian Reticuloendotheliosis Virus Type A RNA and Development of Novel MLV-REV-Based Retroviral Vectors. <i>Human Gene Therapy</i> , 1997, 8, 1855-1865.	2.7	63
7	Activity of the human immunodeficiency virus type 1 cell cycle-dependent internal ribosomal entry site is modulated by IRES trans-acting factors. <i>Nucleic Acids Research</i> , 2011, 39, 6186-6200.	14.5	61
8	The Elav-like protein HuR exerts translational control of viral internal ribosome entry sites. <i>Virology</i> , 2009, 392, 178-185.	2.4	58
9	Analysis of natural variants of the hepatitis C virus internal ribosome entry site reveals that primary sequence plays a key role in cap-independent translation. <i>Nucleic Acids Research</i> , 2009, 37, 957-971.	14.5	49
10	The Andes Hantavirus NSs Protein Is Expressed from the Viral Small mRNA by a Leaky Scanning Mechanism. <i>Journal of Virology</i> , 2012, 86, 2176-2187.	3.4	48
11	PKR-Dependent Mechanisms of Gene Expression from a Subgenomic Hepatitis C Virus Clone. <i>Journal of Virology</i> , 2002, 76, 10637-10653.	3.4	46
12	Dual Mechanisms of Translation Initiation of the Full-Length HIV-1 mRNA Contribute to Gag Synthesis. <i>PLoS ONE</i> , 2013, 8, e68108.	2.5	44
13	Infection of human monocyte-derived dendritic cells by ANDES Hantavirus enhances pro-inflammatory state, the secretion of active MMP-9 and indirectly enhances endothelial permeability. <i>Virology Journal</i> , 2011, 8, 223.	3.4	42
14	Translation initiation of viral mRNAs. <i>Reviews in Medical Virology</i> , 2010, 20, 177-195.	8.3	41
15	Mechanism of HIV-1 Tat RNA translation and its activation by the Tat protein. <i>Retrovirology</i> , 2009, 6, 74.	2.0	40
16	Functional and Structural Analysis of the Internal Ribosome Entry Site Present in the mRNA of Natural Variants of the HIV-1. <i>PLoS ONE</i> , 2012, 7, e35031.	2.5	39
17	A detection method for infectious pancreatic necrosis virus (IPNV) based on reverse transcription (RT)-polymerase chain reaction (PCR). <i>Journal of Fish Diseases</i> , 1994, 17, 269-282.	1.9	37
18	Andes Virus Antigens Are Shed in Urine of Patients with Acute Hantavirus Cardiopulmonary Syndrome. <i>Journal of Virology</i> , 2009, 83, 5046-5055.	3.4	37

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19	Serum levels of interleukin-6 are linked to the severity of the disease caused by Andes Virus. PLoS Neglected Tropical Diseases, 2017, 11, e0005757.	3.0	35
20	Structural domains within the HIV-1 mRNA and the ribosomal protein S25 influence cap-independent translation initiation. FEBS Journal, 2016, 283, 2508-2527.	4.7	33
21	Hepatitis A outbreak since November 2016 affecting men who have sex with men (MSM) in Chile connected to the current outbreak in MSM in Europe, situation up to October 2017. Eurosurveillance, 2018, 23, .	7.0	33
22	The 5'-untranslated region of the mouse mammary tumor virus mRNA exhibits cap-independent translation initiation. Nucleic Acids Research, 2010, 38, 618-632.	14.5	32
23	The 5' Untranslated Region of the Human T-Cell Lymphotropic Virus Type 1 mRNA Enables Cap-Independent Translation Initiation. Journal of Virology, 2014, 88, 5936-5955.	3.4	32
24	LOOP IIIId of the HCV IRES is essential for the structural rearrangement of the 40S-HCV IRES complex. Nucleic Acids Research, 2016, 44, 1309-1325.	14.5	31
25	Inhibitors of infectious pancreatic necrosis virus (IPNV) replication. Antiviral Research, 1996, 29, 309-312.	4.1	29
26	Translation initiation is driven by different mechanisms on the HIV-1 and HIV-2 genomic RNAs. Virus Research, 2013, 171, 366-381.	2.2	29
27	Targeting deoxyhypusine hydroxylase activity impairs cap-independent translation initiation driven by the 5' untranslated region of the HIV-1, HTLV-1, and MMTV mRNAs. Antiviral Research, 2016, 134, 192-206.	4.1	29
28	Vitamin D levels and vitamin D receptor gene polymorphisms in asthmatic children: a case-control study. Pediatric Allergy and Immunology, 2015, 26, 545-550.	2.6	26
29	The Andes Orthohantavirus NSs Protein Antagonizes the Type I Interferon Response by Inhibiting MAVS Signaling. Journal of Virology, 2020, 94, .	3.4	23
30	Hepatitis C virus quasispecies in plasma and peripheral blood mononuclear cells of treatment naïve chronically infected patients. Journal of Viral Hepatitis, 2009, 16, 633-643.	2.0	21
31	Post-translational modifications of hnRNP A1 differentially modulate retroviral IRES-mediated translation initiation. Nucleic Acids Research, 2020, 48, 10479-10499.	14.5	21
32	Influence of extrahepatic viral infection on the natural history of hepatitis C. Annals of Hepatology, 2008, 7, 136-143.	1.5	18
33	A cis-Acting Element Present within the gag Open Reading Frame Negatively Impacts on the Activity of the HIV-1 IRES. PLoS ONE, 2013, 8, e56962.	2.5	18
34	Genetic variations in host IL28B links to the detection of peripheral blood mononuclear cells-associated hepatitis C virus RNA in chronically infected patients. Journal of Viral Hepatitis, 2013, 20, 263-272.	2.0	17
35	Association of Single-Nucleotide Polymorphisms in IL28B, but Not TNF-, With Severity of Disease Caused by Andes Virus. Clinical Infectious Diseases, 2015, 61, e62-e69.	5.8	17
36	The Internal Ribosome Entry Site of Dengue Virus mRNA Is Active When Cap-Dependent Translation Initiation Is Inhibited. Journal of Virology, 2021, 95, .	3.4	17

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37	Efficient gene transfer in mouse neural precursors with a bicistronic retroviral vector. <i>Journal of Neuroscience Research</i> , 2001, 65, 208-219.	2.9	16
38	Translation initiation of the HIV-1 mRNA. <i>Translation</i> , 2014, 2, e960242.	2.9	16
39	The 3' UTR Untranslated Region of the Andes Hantavirus Small mRNA Functionally Replaces the Poly(A) Tail and Stimulates Cap-Dependent Translation Initiation from the Viral mRNA. <i>Journal of Virology</i> , 2010, 84, 10420-10424.	3.4	15
40	Non-canonical translation initiation of the spliced mRNA encoding the human T-cell leukemia virus type 1 basic leucine zipper protein. <i>Nucleic Acids Research</i> , 2018, 46, 11030-11047.	14.5	15
41	Polyacrylamide gel electrophoresis of viral genomic RNA as a diagnostic method for infectious pancreatic necrosis virus detection. <i>Journal of Virological Methods</i> , 1994, 50, 227-236.	2.1	14
42	Complete Translation of the Hepatitis C Virus Genome In Vitro: Membranes Play a Critical Role in the Maturation of All Virus Proteins except for NS3. <i>Journal of Virology</i> , 2005, 79, 6868-6881.	3.4	14
43	IL28B gene polymorphism rs12979860, but not rs8099917, contributes to the occurrence of chronic HCV infection in Uruguayan patients. <i>Virology Journal</i> , 2018, 15, 40.	3.4	14
44	Cap-independent translation initiation of the unspliced RNA of retroviruses. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2020, 1863, 194583.	1.9	14
45	The double-stranded RNA-binding protein, Staufen1, is an IRES-transacting factor regulating HIV-1 cap-independent translation initiation. <i>Nucleic Acids Research</i> , 2022, 50, 411-429.	14.5	14
46	Polypyrimidine tract-binding protein binds to the 5' untranslated region of the mouse mammary tumor virus mRNA and stimulates cap-independent translation initiation. <i>FEBS Journal</i> , 2016, 283, 1880-1901.	4.7	13
47	Differential expression profile of CXCR3 splicing variants is associated with thyroid neoplasia. Potential role in papillary thyroid carcinoma oncogenesis?. <i>Oncotarget</i> , 2018, 9, 2445-2467.	1.8	13
48	Retroviral Vectors for the Expression of Two Genes in Human Multipotent Neural Precursors and Their Differentiated Neuronal and Glial Progeny. <i>Human Gene Therapy</i> , 1999, 10, 1129-1138.	2.7	12
49	Determination of Gizzerosine Activity in Fish Meal with a Homologous Radioimmunoassay. <i>Poultry Science</i> , 1996, 75, 873-880.	3.4	11
50	Detection of the infectious hematopoietic necrosis virus directly from infected fish tissues by dot blot hybridization with a non-radioactive probe. <i>Journal of Virological Methods</i> , 1997, 65, 273-279.	2.1	10
51	Infectious and non-infectious diseases burden among Haitian immigrants in Chile: a cross-sectional study. <i>Scientific Reports</i> , 2020, 10, 22275.	3.3	8
52	RNA-Binding Proteins as Regulators of Internal Initiation of Viral mRNA Translation. <i>Viruses</i> , 2022, 14, 188.	3.3	8
53	Effect of ezetimibe in HCV viral load after liver transplantation. <i>Annals of Hepatology</i> , 2016, 15, 803-5.	1.5	8
54	Correlation between female sex, IL28B genotype, and the clinical severity of bronchiolitis in pediatric patients. <i>Pediatric Research</i> , 2020, 87, 785-795.	2.3	7

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55	Influence of extrahepatic viral infection on the natural history of hepatitis C. <i>Annals of Hepatology</i> , 2008, 7, 136-43.	1.5	7
56	Is Single-Strand Conformation Polymorphism Analysis of the Full 5€² Untranslated Region an Adequate Approach To Study Hepatitis C Virus Quasispecies Distribution?. <i>Journal of Virology</i> , 2009, 83, 9018-9021.	3.4	6
57	A Single-Nucleotide Polymorphism of Î±VÎ²3 Integrin Is Associated with the Andes Virus Infection Susceptibility. <i>Viruses</i> , 2019, 11, 169.	3.3	6
58	Dicistronic MLV-retroviral vectors transduce neural precursors in vivo and co-express two genes in their differentiated neuronal progeny. <i>Retrovirology</i> , 2005, 2, 60.	2.0	5
59	Urinary leukotriene and Bcl I polymorphism of glucocorticoid receptor gene in preschoolers with recurrent wheezing and high risk of asthma. <i>Allergologia Et Immunopathologia</i> , 2016, 44, 59-65.	1.7	5
60	LDL particle size and antioxidant HDL function improve after sustained virological response in patients with chronic HCV. <i>Annals of Hepatology</i> , 2022, 27, 100555.	1.5	3
61	IL28B Polymorphisms Among Latin American HCV Patients. <i>Current Hepatitis Reports</i> , 2013, 12, 276-279.	0.3	2
62	The viral nucleocapsid protein and the human RNA-binding protein Mex3A promote translation of the Andes orthohantavirussmall mRNA. <i>PLoS Pathogens</i> , 2021, 17, e1009931.	4.7	2
63	Hepatitis C virus may have an entero-hepatic cycle which could be blocked with ezetimibe. <i>Medical Hypotheses</i> , 2017, 102, 51-55.	1.5	1
64	Detection of high biliary and fecal viral loads in patients with chronic hepatitis C virus infection. <i>Gastroenterologa Y Hepatologa</i> , 2017, 40, 339-347.	0.5	1
65	Detection of high biliary and fecal viral loads in patients with chronic hepatitis C virus infection. <i>Gastroenterologa Y Hepatologa (English Edition)</i> , 2017, 40, 339-347.	0.1	1
66	Cell-based therapy to reverse advanced alcoholic liver fibrosis. <i>Annals of Hepatology</i> , 2016, 15, 806-8.	1.5	1
67	Hostvirus relationships: a sum of many battles. <i>FEBS Open Bio</i> , 2022, 12, 1094-1095.	2.3	1
68	P16: Analysis of genetic determinants associated with therapy response against hepatitis C virus: first study of IL28B polymorphisms in Uruguayan patients. <i>Journal of Viral Hepatitis</i> , 2013, 20, 24-25.	2.0	0
69	2502. Host Susceptibility to Andes Hantavirus Infection Associates to a Single Nucleotide Polymorphism at the Î±VÎ²3 Integrin. <i>Open Forum Infectious Diseases</i> , 2018, 5, S751-S751.	0.9	0