

Miguel A. Sanz

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,178
citations

331670

21
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

1326
citing authors

#	ARTICLE	IF	CITATIONS
1	A viral RNA motif involved in signaling the initiation of translation on non-AUG codons. <i>Rna</i> , 2019, 25, 431-452.	3.5	8
2	System-wide Profiling of RNA-Binding Proteins Uncovers Key Regulators of Virus Infection. <i>Molecular Cell</i> , 2019, 74, 196-211.e11.	9.7	137
3	The Initiation Factors eIF2, eIF2A, eIF2D, eIF4A, and eIF4G Are Not Involved in Translation Driven by Hepatitis C Virus IRES in Human Cells. <i>Frontiers in Microbiology</i> , 2018, 9, 207.	3.5	31
4	The Regulation of Translation in Alphavirus-Infected Cells. <i>Viruses</i> , 2018, 10, 70.	3.3	63
5	Translation of Sindbis Subgenomic mRNA is Independent of eIF2, eIF2A and eIF2D. <i>Scientific Reports</i> , 2017, 7, 43876.	3.3	30
6	A Viral mRNA Motif at the 3' Untranslated Region that Confers Translatability in a Cell-Specific Manner. Implications for Virus Evolution. <i>Scientific Reports</i> , 2016, 6, 19217.	3.3	21
7	Differential action of pateamine A on translation of genomic and subgenomic mRNAs from Sindbis virus. <i>Virology</i> , 2015, 484, 41-50.	2.4	19
8	Inhibition of host protein synthesis by Sindbis virus: correlation with viral RNA replication and release of nuclear proteins to the cytoplasm. <i>Cellular Microbiology</i> , 2015, 17, 520-541.	2.1	10
9	Initiation codon selection is accomplished by a scanning mechanism without crucial initiation factors in Sindbis virus subgenomic mRNA. <i>Rna</i> , 2015, 21, 93-112.	3.5	15
10	Translation of viral mRNAs that do not require eIF4E is blocked by the inhibitor 4EGI-1. <i>Virology</i> , 2013, 444, 171-180.	2.4	6
11	Phosphorylation of eIF2 ϵ is responsible for the failure of the picornavirus internal ribosome entry site to direct translation from Sindbis virus replicons. <i>Journal of General Virology</i> , 2013, 94, 796-806.	2.9	11
12	Requirements for eIF4A and eIF2 during translation of Sindbis virus subgenomic mRNA in vertebrate and invertebrate host cells. <i>Cellular Microbiology</i> , 2013, 15, 823-840.	2.1	29
13	Translation Directed by Hepatitis A Virus IRES in the Absence of Active eIF4F Complex and eIF2. <i>PLoS ONE</i> , 2012, 7, e52065.	2.5	23
14	Translation of Viral mRNA without Active eIF2: The Case of Picornaviruses. <i>PLoS ONE</i> , 2011, 6, e22230.	2.5	24
15	Translation without eIF2 Promoted by Poliovirus 2A Protease. <i>PLoS ONE</i> , 2011, 6, e25699.	2.5	26
16	Translation Driven by Picornavirus IRES Is Hampered from Sindbis Virus Replicons: Rescue by Poliovirus 2A Protease. <i>Journal of Molecular Biology</i> , 2010, 402, 101-117.	4.2	21
17	Dual Mechanism for the Translation of Subgenomic mRNA from Sindbis Virus in Infected and Uninfected Cells. <i>PLoS ONE</i> , 2009, 4, e4772.	2.5	44
18	Viral Translation Is Coupled to Transcription in Sindbis Virus-Infected Cells. <i>Journal of Virology</i> , 2007, 81, 7061-7068.	3.4	36

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19	Differential inhibition of cellular and Sindbis virus translation by brefeldin A. <i>Virology</i> , 2007, 363, 430-436.	2.4	10
20	Translation of Sindbis Virus 26S mRNA Does Not Require Intact Eukariotic Initiation Factor 4G. <i>Journal of Molecular Biology</i> , 2006, 355, 942-956.	4.2	45
21	Translational resistance of late alphavirus mRNA to eIF2 \hat{A} phosphorylation: a strategy to overcome the antiviral effect of protein kinase PKR. <i>Genes and Development</i> , 2006, 20, 87-100.	5.9	176
22	Requirement of the vesicular system for membrane permeabilization by Sindbis virus. <i>Virology</i> , 2005, 332, 307-315.	2.4	33
23	Viroporin activity of murine hepatitis virus E protein. <i>FEBS Letters</i> , 2005, 579, 3607-3612.	2.8	70
24	The Alphavirus 6K Protein. , 2005, , 233-244.		4
25	Membrane-permeabilizing motif in Semliki forest virus E1 glycoprotein. <i>FEBS Letters</i> , 2004, 576, 417-422.	2.8	10
26	Individual Expression of Sindbis Virus Glycoproteins. E1 Alone Promotes Cell Fusion. <i>Virology</i> , 2003, 305, 463-472.	2.4	21
27	Interfacial Domains in Sindbis Virus 6K Protein. <i>Journal of Biological Chemistry</i> , 2003, 278, 2051-2057.	3.4	53
28	Sindbis Virus Variant with a Deletion in the 6K Gene Shows Defects in Glycoprotein Processing and Trafficking: Lack of Complementation by a Wild-Type 6K Gene in trans. <i>Journal of Virology</i> , 2001, 75, 7778-7784.	3.4	48
29	Genetic analysis of poliovirus protein 3A: characterization of a non-cytopathic mutant virus defective in killing Vero cells.. <i>Journal of General Virology</i> , 1998, 79, 1911-1921.	2.9	37
30	A Role for 3AB Protein in Poliovirus Genome Replication. <i>Journal of Biological Chemistry</i> , 1995, 270, 14430-14438.	3.4	46
31	Semliki Forest virus 6K protein modifies membrane permeability after inducible expression in <i>Escherichia coli</i> cells. <i>Journal of Biological Chemistry</i> , 1994, 269, 12106-10.	3.4	71