Javier Benavente

List of Publications by Year
in descending order

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41 papers	1,442 citations	279798 23 h-index	315739 38 g-index
41 all docs	41 docs citations	41 times ranked	693 citing authors

#	Article	IF	Citations
1	Cross-protective immune responses against African horse sickness virus after vaccination with protein NS1 delivered by avian reovirus muNS microspheres and modified vaccinia virus Ankara. Vaccine, 2020, 38, 882-889.	3.8	11
2	IC-Tagging methodology applied to the expression of viral glycoproteins and the difficult-to-express membrane-bound IGRP autoantigen. Scientific Reports, 2018, 8, 16286.	3.3	3
3	Microspheres-prime/rMVA-boost vaccination enhances humoral and cellular immune response in IFNAR(â^'/â^') mice conferring protection against serotypes 1 and 4 of bluetongue virus. Antiviral Research, 2017, 142, 55-62.	4.1	13
4	Response of Three Different Viruses to Interferon Priming and Dithiothreitol Treatment of Avian Cells. Journal of Virology, 2016, 90, 8328-8340.	3.4	1
5	Interferon induction by avian reovirus. Virology, 2016, 487, 104-111.	2.4	11
6	Using IC-Tagging Methodology for Production and Purification of Epitope-Loaded Protein Microspheres for Vaccination. Methods in Molecular Biology, 2016, 1349, 25-34.	0.9	2
7	VP2, VP7, and NS1 proteins of bluetongue virus targeted in avian reovirus muNS-Mi microspheres elicit a protective immune response in IFNAR(â^'/â^') mice. Antiviral Research, 2014, 110, 42-51.	4.1	27
8	Avian reovirus-triggered apoptosis enhances both virus spread and the processing of the viral nonstructural muNS protein. Virology, 2014, 462-463, 49-59.	2.4	18
9	Different intracellular distribution of avian reovirus core protein sigmaA in cells of avian and mammalian origin. Virology, 2012, 432, 495-504.	2.4	5
10	IC-tagged proteins are able to interact with each other and perform complex reactions when integrated into muNS-derived inclusions. Journal of Biotechnology, 2011, 155, 284-286.	3.8	7
11	Avian and mammalian reoviruses use different molecular mechanisms to synthesize their Î¼NS isoforms. Journal of General Virology, 2011, 92, 2566-2574.	2.9	12
12	Avian Reovirus Î¼NS Protein Forms Homo-Oligomeric Inclusions in a Microtubule-Independent Fashion, Which Involves Specific Regions of Its C-Terminal Domain. Journal of Virology, 2010, 84, 4289-4301.	3.4	40
13	IC-Tagging and Protein Relocation to ARV muNS Inclusions: A Method to Study Protein-Protein Interactions in the Cytoplasm or Nucleus of Living Cells. PLoS ONE, 2010, 5, e13785.	2.5	10
14	A Versatile Molecular Tagging Method for Targeting Proteins to Avian Reovirus muNS Inclusions. Use in Protein Immobilization and Purification. PLoS ONE, 2010, 5, e13961.	2.5	20
15	Avian Reovirus SigmaA Localizes to the Nucleolus and Enters the Nucleus by a Nonclassical Energy- and Carrier-Independent Pathway. Journal of Virology, 2009, 83, 10163-10175.	3.4	32
16	Crystal Structure of the Avian Reovirus Inner Capsid Protein Ïƒ A. Journal of Virology, 2008, 82, 11208-11216.	3.4	20
17	Avian reovirus: Structure and biology. Virus Research, 2007, 123, 105-119.	2.2	196
18	Crystallization of the avian reovirus double-stranded RNA-binding and core protein Ïƒ A. Acta Crystallographica Section F: Structural Biology Communications, 2007, 63, 426-429.	0.7	3

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19	Crystallization of the C-terminal globular domain of avian reovirus fibre. Acta Crystallographica Section F: Structural Biology Communications, 2005, 61, 651-654.	0.7	6
20	Characterization of the nucleic acid-binding activity of the avian reovirus non-structural protein ÏƒNS. Journal of General Virology, 2005, 86, 1159-1169.	2.9	24
21	The Second Open Reading Frame of the Avian Reovirus S1 Gene Encodes a Transcription-Dependent and CRM1-Independent Nucleocytoplasmic Shuttling Protein. Journal of Virology, 2005, 79, 2141-2150.	3.4	51
22	Structure of the Carboxy-terminal Receptor-binding Domain of Avian Reovirus Fibre SigmaC. Journal of Molecular Biology, 2005, 354, 137-149.	4.2	56
23	Avian reovirus nonstructural protein Î¼NS forms viroplasm-like inclusions and recruits protein ÏƒNS to these structures. Virology, 2004, 319, 94-106.	2.4	80
24	Avian Reovirus Morphogenesis Occurs Within Viral Factories and Begins with the Selective Recruitment of ÏƒNS and Î»A to Î¼NS Inclusions. Journal of Molecular Biology, 2004, 341, 361-374.	4.2	60
25	Evidence that avian reovirus ÏƒA protein is an inhibitor of the double-stranded RNA-dependent protein kinase. Journal of General Virology, 2003, 84, 1629-1639.	2.9	59
26	Avian Reoviruses Cause Apoptosis in Cultured Cells: Viral Uncoating, but Not Viral Gene Expression, Is Required for Apoptosis Induction. Journal of Virology, 2002, 76, 7932-7941.	3.4	58
27	Modification of Late Membrane Permeability in Avian Reovirus-infected Cells. Journal of Biological Chemistry, 2002, 277, 17789-17796.	3.4	59
28	Cloning, Expression, and Characterization of Avian Reovirus Guanylyltransferase. Virology, 2002, 296, 288-299.	2.4	36
29	Subunit composition and conformational stability of the oligomeric form of the avian reovirus cell-attachment protein ÏƒC. Journal of General Virology, 2002, 83, 131-139.	2.9	34
30	The Avian Reovirus Genome Segment S1 Is a Functionally Tricistronic Gene That Expresses One Structural and Two Nonstructural Proteins in Infected Cells. Virology, 2001, 290, 181-191.	2.4	105
31	Optimal conditions for the growth, purification and storage of the avian reovirus S1133. Journal of Virological Methods, 2000, 85, 43-54.	2.1	24
32	Oligomerization and Cell-Binding Properties of the Avian Reovirus Cell-Attachment Protein Ï‚C. Virology, 2000, 274, 367-377.	2.4	30
33	Possible Involvement of the Double-Stranded RNA-Binding Core Protein Ï‚A in the Resistance of Avian Reovirus to Interferon. Journal of Virology, 2000, 74, 1124-1131.	3.4	58
34	A new double-stranded RNA mycovirus fromBotrytis cinerea. FEMS Microbiology Letters, 1999, 175, 95-99.	1.8	35
35	Permeabilization of Mammalian Cells to Proteins: Poliovirus 2Aproas a Probe to Analyze Entry of Proteins into Cells. Experimental Cell Research, 1997, 232, 186-190.	2.6	0
36	Protein architecture of avian reovirus S1133 and identification of the cell attachment protein. Journal of Virology, 1997, 71, 59-64.	3.4	96

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37	Intracellular posttranslational modifications of S1133 avian reovirus proteins. Journal of Virology, 1996, 70, 2974-2981.	3.4	48
38	Endogenous Enzymatic Activities of the Avian Reovirus S1133: Identification of the Viral Capping Enzyme. Virology, 1995, 206, 1017-1026.	2.4	40
39	Avian reovirus S1133 can replicate in mouse L cells: effect of pH and cell attachment status on viral infection. Journal of Virology, 1991, 65, 5499-5505.	3.4	11
40	The stimulatory effect of actinomycin D on avian reovirus replication in L cells suggests that translational competition dictates the fate of the infection. Journal of Virology, 1991, 65, 5506-5512.	3.4	4
41	Effect of interferon on integrity of vaccinia virus and ribosomal RNA in infected cells. Virology, 1984, 134, 40-51.	2.4	37