Jos Mara Almendral

List of Publications by Year in Descending Order

31 papers	1,152 citations	21 h-index	31 g-index
31 ext. papers	1,238 ext. citations	6.3 avg, IF	3.67 L-index

#	Paper	IF	Citations
31	Viral targeting of glioblastoma stem cells with patient-specific genetic and post-translational p53 deregulations. *Cell Reports*, **2021**, 36, 109673	10.6	0
30	Antiangiogenic Vascular Endothelial Growth Factor-Blocking Peptides Displayed on the Capsid of an Infectious Oncolytic Parvovirus: Assembly and Immune Interactions. *Journal of Virology*, **2019**, 93,	6.6	2
29	Differential phosphorylation and n-terminal configuration of capsid subunits in parvovirus assembly and viral trafficking. *Virology*, **2018**, 518, 184-194	3.6	4
28	Protoparvovirus Cell Entry. *Viruses*, **2017**, 9,	6.2	22
27	The Mammalian Cell Cycle Regulates Parvovirus Nuclear Capsid Assembly. *PLoS Pathogens*, **2015**, 11, e1004920	7.6	10
26	A slender tract of glycine residues is required for translocation of the VP2 protein N-terminal domain through the parvovirus MVM capsid channel to initiate infection. *Biochemical Journal*, **2013**, 455, 87-94	3.8	13
25	Assembly of simple icosahedral viruses. *Sub-Cellular Biochemistry*, **2013**, 68, 307-28	5.5	5
24	Essential role of the unordered VP2 n-terminal domain of the parvovirus MVM capsid in nuclear assembly and endosomal enlargement of the virion fivefold channel for cell entry. *Virology*, **2012**, 432, 45-56	3.6	18
23	Viral oncolysis that targets Raf-1 signaling control of nuclear transport. *Journal of Virology*, **2010**, 84, 2090-9	6.6	27
22	Translation control by protein kinase R restricts minute virus of mice infection: role in parvovirus oncolysis. *Journal of Virology*, **2010**, 84, 5043-51	6.6	15
21	A supraphysiological nuclear export signal is required for parvovirus nuclear export. *Molecular Biology of the Cell*, **2008**, 19, 2544-52	3.5	31
20	Evolution to pathogenicity of the parvovirus minute virus of mice in immunodeficient mice involves genetic heterogeneity at the capsid domain that determines tropism. *Journal of Virology*, **2008**, 82, 1195-203	6.6	14
19	Minute virus of mice, a parvovirus, in complex with the Fab fragment of a neutralizing monoclonal antibody. *Journal of Virology*, **2007**, 81, 9851-8	6.6	29
18	Low pH-dependent endosomal processing of the incoming parvovirus minute virus of mice virion leads to externalization of the VP1 N-terminal sequence (N-VP1), N-VP2 cleavage, and uncoating of the full-length genome. *Journal of Virology*, **2006**, 80, 1015-24	6.6	89
17	Host-selected amino acid changes at the sialic acid binding pocket of the parvovirus capsid modulate cell binding affinity and determine virulence. *Journal of Virology*, **2006**, 80, 1563-73	6.6	66
16	Nuclear transport of trimeric assembly intermediates exerts a morphogenetic control on the icosahedral parvovirus capsid. *Journal of Molecular Biology*, **2006**, 357, 1026-38	6.5	46
15	Virulent variants emerging in mice infected with the apathogenic prototype strain of the parvovirus minute virus of mice exhibit a capsid with low avidity for a primary receptor. *Journal of Virology*, **2005**, 79, 11280-90	6.6	28

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14	Functional relevance of amino acid residues involved in interactions with ordered nucleic acid in a spherical virus. *Journal of Biological Chemistry*, **2005**, 280, 17969-77	5.4	23
13	Structural determinants of tissue tropism and in vivo pathogenicity for the parvovirus minute virus of mice. *Journal of Virology*, **2005**, 79, 10931-43	6.6	73
12	Enhanced cytoplasmic sequestration of the nuclear export receptor CRM1 by NS2 mutations developed in the host regulates parvovirus fitness. *Journal of Virology*, **2004**, 78, 10674-84	6.6	21
11	Role of interfacial amino acid residues in assembly, stability, and conformation of a spherical virus capsid. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 2724-9	11.5	73
10	Nuclear export of the nonenveloped parvovirus virion is directed by an unordered protein signal exposed on the capsid surface. *Journal of Virology*, **2004**, 78, 10685-94	6.6	63
9	In vitro disassembly of a parvovirus capsid and effect on capsid stability of heterologous peptide insertions in surface loops. *Journal of Biological Chemistry*, **2004**, 279, 6517-25	5.4	59
8	Parvovirus infection suppresses long-term repopulating hematopoietic stem cells. *Journal of Virology*, **2003**, 77, 8495-503	6.6	22
7	High mutant frequency in populations of a DNA virus allows evasion from antibody therapy in an immunodeficient host. *Journal of Virology*, **2003**, 77, 2701-8	6.6	66
6	Complementary roles of multiple nuclear targeting signals in the capsid proteins of the parvovirus minute virus of mice during assembly and onset of infection. *Journal of Virology*, **2002**, 76, 7049-59	6.6	90
5	Biochemical and physical characterization of parvovirus minute virus of mice virus-like particles. *Virology*, **2000**, 267, 299-309	3.6	69
4	Transcriptional inhibition of the parvovirus minute virus of mice by constitutive expression of an antisense RNA targeted against the NS-1 transactivator protein. *Virology*, **1995**, 206, 57-68	3.6	24
3	Ex vivo expansion and selection of retrovirally transduced bone marrow: an efficient methodology for gene-transfer to murine lympho-haemopoietic stem cells. *British Journal of Haematology*, **1994**, 87, 6-17	4.5	29
2	Cytotoxic infection of hematopoietic stem and committed progenitor cells by the parvovirus minute virus of mice. Propagation of an acute myelosuppression in culture. *Annals of the New York Academy of Sciences*, **1991**, 628, 262-72	6.5	3
1	Hairpin loop structure of African swine fever virus DNA. *Nucleic Acids Research*, **1986**, 14, 6835-44	20.1	118