

Carmen Rivas

List of Publications by Year in descending order

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70
papers

3,626
citations

172457

29
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133252

59
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71
all docs

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docs citations

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times ranked

5116
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Protein Kinase PKR in Cell Biology: from Antiviral to Antiproliferative Action. <i>Microbiology and Molecular Biology Reviews</i> , 2006, 70, 1032-1060.	6.6	656
2	Kaposi's Sarcoma-Associated Herpesvirus LANA2 Is a B-Cell-Specific Latent Viral Protein That Inhibits p53. <i>Journal of Virology</i> , 2001, 75, 429-438.	3.4	258
3	Inhibition of the Phosphoinositide 3-Kinase Pathway Induces a Senescence-like Arrest Mediated by p27Kip1. <i>Journal of Biological Chemistry</i> , 2000, 275, 21960-21968.	3.4	231
4	The Sequential Activation of the Yeast HOG and SLT2 Pathways Is Required for Cell Survival to Cell Wall Stress. <i>Molecular Biology of the Cell</i> , 2008, 19, 1113-1124.	2.1	183
5	Vaccinia Virus E3L Protein Is an Inhibitor of the Interferon (IFN)-Induced 2-5A Synthetase Enzyme. <i>Virology</i> , 1998, 243, 406-414.	2.4	142
6	Activation of the IFN-Inducible Enzyme RNase L Causes Apoptosis of Animal Cells. <i>Virology</i> , 1997, 236, 354-363.	2.4	136
7	Antiviral activity of resveratrol. <i>Biochemical Society Transactions</i> , 2010, 38, 50-53.	3.4	117
8	African Swine Fever Virus GeneA179L, a Viral Homologue of bcl-2, Protects Cells from Programmed Cell Death. <i>Virology</i> , 1996, 225, 227-230.	2.4	110
9	Dual Role of p53 in Innate Antiviral Immunity. <i>Viruses</i> , 2010, 2, 298-313.	3.3	101
10	BCR-ABL and Interleukin 3 Promote Haematopoietic Cell Proliferation and Survival through Modulation of Cyclin D2 and p27Kip1 Expression. <i>Journal of Biological Chemistry</i> , 2001, 276, 23572-23580.	3.4	94
11	The impact of PKR activation: from neurodegeneration to cancer. <i>FASEB Journal</i> , 2014, 28, 1965-1974.	0.5	90
12	Pathogenic activities of live cells and extracellular products of the fish pathogen <i>Pasteurella piscicida</i> . <i>Journal of General Microbiology</i> , 1992, 138, 2491-2498.	2.3	78
13	Kaposi's Sarcoma-Associated Herpesvirus Protein LANA2 Disrupts PML Oncogenic Domains and Inhibits PML-Mediated Transcriptional Repression of the Survivin Gene. <i>Journal of Virology</i> , 2009, 83, 8849-8858.	3.4	75
14	The latency protein LANA2 from Kaposi's sarcoma-associated herpesvirus inhibits apoptosis induced by dsRNA-activated protein kinase but not RNase L activation. <i>Journal of General Virology</i> , 2003, 84, 1463-1470.	2.9	70
15	Cell senescence is an antiviral defense mechanism. <i>Scientific Reports</i> , 2016, 6, 37007.	3.3	70
16	Regulation of the tumor suppressor PTEN by SUMO. <i>Cell Death and Disease</i> , 2012, 3, e393-e393.	6.3	68
17	Inducible Expression of the 2-5A Synthetase/RNase L System Results in Inhibition of Vaccinia Virus Replication. <i>Virology</i> , 1997, 227, 220-228.	2.4	66
18	Resistance to viral infection of super p53 mice. <i>Oncogene</i> , 2005, 24, 3059-3062.	5.9	66

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19	A Unified Nomenclature and Amino Acid Numbering for Human PTEN. <i>Science Signaling</i> , 2014, 7, pe15.	3.6	50
20	SIRT1 stabilizes PML promoting its sumoylation. <i>Cell Death and Differentiation</i> , 2011, 18, 72-79.	11.2	49
21	Toxicity of the extracellular products of <i>Vibrio damsela</i> isolated from diseased fish. <i>Current Microbiology</i> , 1993, 27, 341-347.	2.2	48
22	Latent Protein LANA2 from Kaposi's Sarcoma-Associated Herpesvirus Interacts with 14-3-3 Proteins and Inhibits FOXO3a Transcription Factor. <i>Journal of Virology</i> , 2007, 81, 1511-1516.	3.4	48
23	The Chemotherapeutic Drug 5-Fluorouracil Promotes PKR-Mediated Apoptosis in a p53- Independent Manner in Colon and Breast Cancer Cells. <i>PLoS ONE</i> , 2011, 6, e23887.	2.5	47
24	Antiviral action of the tumor suppressor ARF. <i>EMBO Journal</i> , 2006, 25, 4284-4292.	7.8	43
25	Acetylation is indispensable for p53 antiviral activity. <i>Cell Cycle</i> , 2011, 10, 3701-3705.	2.6	41
26	SUMOylation regulates AKT1 activity. <i>Oncogene</i> , 2015, 34, 1442-1450.	5.9	39
27	Covalent modification by SUMO is required for efficient disruption of PML oncogenic domains by Kaposi's sarcoma-associated herpesvirus latent protein LANA2. <i>Journal of General Virology</i> , 2011, 92, 188-194.	2.9	32
28	Analysis of SUMOylated proteins using SUMO-traps. <i>Scientific Reports</i> , 2013, 3, 1690.	3.3	32
29	Activation of NF- κ B Pathway by Virus Infection Requires Rb Expression. <i>PLoS ONE</i> , 2009, 4, e6422.	2.5	32
30	Regulation of Vaccinia Virus E3 Protein by Small Ubiquitin-Like Modifier Proteins. <i>Journal of Virology</i> , 2011, 85, 12890-12900.	3.4	27
31	The Interaction of Viruses with the Cellular Senescence Response. <i>Biology</i> , 2020, 9, 455.	2.8	25
32	Rotavirus Viroplasm Proteins Interact with the Cellular SUMOylation System: Implications for Viroplasm-Like Structure Formation. <i>Journal of Virology</i> , 2013, 87, 807-817.	3.4	24
33	SUMOylation of p53 mediates interferon activities. <i>Cell Cycle</i> , 2013, 12, 2809-2816.	2.6	23
34	Marine environment as reservoir of birnaviruses from poikilothermic animals. <i>Aquaculture</i> , 1993, 115, 183-194.	3.5	22
35	Activation of the Double-stranded RNA-dependent Protein Kinase PKR by Small Ubiquitin-like Modifier (SUMO). <i>Journal of Biological Chemistry</i> , 2014, 289, 26357-26367.	3.4	22
36	Experimental Evolution of an Oncolytic Vesicular Stomatitis Virus with Increased Selectivity for p53-Deficient Cells. <i>PLoS ONE</i> , 2014, 9, e102365.	2.5	21

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37	Conjugation of SUMO to p85 leads to a novel mechanism of PI3K regulation. <i>Oncogene</i> , 2016, 35, 2873-2880.	5.9	21
38	Identification of a nuclear export signal in the KSHV latent protein LANA2 mediating its export from the nucleus. <i>Experimental Cell Research</i> , 2005, 311, 96-105.	2.6	20
39	Interplay between SUMOylation and NEDDylation regulates RPL11 localization and function. <i>FASEB Journal</i> , 2019, 33, 643-651.	0.5	20
40	Regulation of the Ebola Virus VP24 Protein by SUMO. <i>Journal of Virology</i> , 2019, 94, .	3.4	19
41	Effect of serum factors on the survival of <i>Renibacterium salmoninarum</i> within rainbow trout macrophages. <i>Diseases of Aquatic Organisms</i> , 1995, 23, 221-227.	1.0	19
42	Induction of Paclitaxel Resistance by the Kaposi's Sarcoma-Associated Herpesvirus Latent Protein LANA2. <i>Journal of Virology</i> , 2008, 82, 1518-1525.	3.4	18
43	Kaposi's sarcoma-associated herpesvirus <i>lanA2</i> protein interacts with the pocket proteins and inhibits their sumoylation. <i>Oncogene</i> , 2014, 33, 495-503.	5.9	17
44	KSHV latent protein LANA2 inhibits sumo2 modification of p53. <i>Cell Cycle</i> , 2015, 14, 277-282.	2.6	17
45	Regulation of Ebola virus VP40 matrix protein by SUMO. <i>Scientific Reports</i> , 2016, 6, 37258.	3.3	17
46	Characterization of MDGA1, a novel human glycosylphosphatidylinositol-anchored protein localized in lipid rafts. <i>Experimental Cell Research</i> , 2005, 307, 91-99.	2.6	16
47	Susceptibility of Zebrafish to Vesicular Stomatitis Virus Infection. <i>Zebrafish</i> , 2018, 15, 124-132.	1.1	16
48	Role of Monoubiquitylation on the Control of β -Degradation and NF- κ B Activity. <i>PLoS ONE</i> , 2011, 6, e25397.	2.5	16
49	Analysis of PTEN ubiquitylation and SUMOylation using molecular traps. <i>Methods</i> , 2015, 77-78, 112-118.	3.8	14
50	SUMO and Cytoplasmic RNA Viruses: From Enemies to Best Friends. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1233, 263-277.	1.6	14
51	Transcriptional regulation of Sox2 by the retinoblastoma family of pocket proteins. <i>Oncotarget</i> , 2015, 6, 2992-3002.	1.8	14
52	Replication and morphogenesis of the turbot aquareovirus (TRV) in cell culture. <i>Aquaculture</i> , 1998, 160, 47-62.	3.5	13
53	Absence of in vitro or in vivo bystander effects in a thymidine kinase-transduced murine T lymphoma. <i>Cancer Gene Therapy</i> , 2000, 7, 954-962.	4.6	13
54	Pathogenicity of birnaviruses isolated from turbot (<i>Scophthalmus maximus</i>): comparison with reference serotypes of IPNV. <i>Aquaculture</i> , 1995, 130, 7-14.	3.5	12

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55	SUMOylation modulates the stability and function of PI3K-p110 ² . Cellular and Molecular Life Sciences, 2021, 78, 4053-4065.	5.4	11
56	Full Activation of RNaseL in Animal Cells Requires Binding of 2-5A Within Ankyrin Repeats 6 to 9 of This Interferon-Inducible Enzyme. Journal of Interferon and Cytokine Research, 1999, 19, 113-119.	1.2	10
57	Characterization of the bipartite nuclear localization signal of protein LANA2 from Kaposi's sarcoma-associated herpesvirus. Biochemical Journal, 2003, 374, 545-550.	3.7	10
58	Control of virus infection by tumour suppressors. Carcinogenesis, 2007, 28, 1140-1144.	2.8	9
59	Efficacy of Chemical Disinfectants against Turbot Aquareovirus. Applied and Environmental Microbiology, 1994, 60, 2168-2169.	3.1	9
60	Overview of the regulation of the class IA PI3K/AKT pathway by SUMO. Seminars in Cell and Developmental Biology, 2022, 132, 51-61.	5.0	9
61	BCR-ABL-Expressing Cells Transduced with the HSV-tk Gene Die by Apoptosis upon Treatment with Ganciclovir. Molecular Therapy, 2001, 3, 642-652.	8.2	7
62	In vitro and in vivo replication of turbot aquareovirus (TRV) in turbot tissues. Diseases of Aquatic Organisms, 1996, 25, 217-223.	1.0	7
63	Phosphorylable tyrosine residue 162 in the double-stranded RNA-dependent kinase PKR modulates its interaction with SUMO. Scientific Reports, 2017, 7, 14055.	3.3	6
64	Expression of the Ebola Virus VP24 Protein Compromises the Integrity of the Nuclear Envelope and Induces a Laminopathy-Like Cellular Phenotype. MBio, 2021, 12, e0097221.	4.1	6
65	Identification of Functional Domains of the Interferon-Induced Enzyme PKR in Cells Lacking Endogenous PKR. Journal of Interferon and Cytokine Research, 1999, 19, 1229-1236.	1.2	5
66	Characterization of a human Bid homologue protein from Gallus gallus. Gene, 2006, 372, 26-32.	2.2	2
67	Effect of the turbot aquareovirus on fish macrophages using an in vitro model. Diseases of Aquatic Organisms, 1996, 25, 209-216.	1.0	2
68	Novel and unexpected role for the tumor suppressor ARF in viral infection surveillance. Future Virology, 2007, 2, 625-629.	1.8	1
69	Comparison of five fish rotaviruses by crossneutralization tests. Aquaculture, 1992, 107, 131-134.	3.5	0
70	H.P3 Replication of aquareovirus TRV in turbot macrophages. Developmental and Comparative Immunology, 1994, 18, S140.	2.3	0