# Carmen Rivas

List of Publications by Year
in descending order

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Version: 2024-02-01

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|---|---|---|---|
| 70<br>papers | 3,626<br>citations | 172457<br>29<br>h-index | 133252<br>59<br>g-index |
| 71<br>all docs | 71<br>docs citations | 71<br>times ranked | 5116<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 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 |
| 2 | SUMOylation modulates the stability and function of PI3K-p110Î². Cellular and Molecular Life Sciences, 2021, 78, 4053-4065. | 5.4 | 11 |
| 3 | 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 |
| 4 | The Interaction of Viruses with the Cellular Senescence Response. Biology, 2020, 9, 455. | 2.8 | 25 |
| 5 | SUMO and Cytoplasmic RNA Viruses: From Enemies to Best Friends. Advances in Experimental Medicine and Biology, 2020, 1233, 263-277. | 1.6 | 14 |
| 6 | Interplay between SUMOylation and NEDDylation regulates RPL11 localization and function. FASEB Journal, 2019, 33, 643-651. | 0.5 | 20 |
| 7 | Regulation of the Ebola Virus VP24 Protein by SUMO. Journal of Virology, 2019, 94, . | 3.4 | 19 |
| 8 | Susceptibility of Zebrafish to Vesicular Stomatitis Virus Infection. Zebrafish, 2018, 15, 124-132. | 1.1 | 16 |
| 9 | 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 |
| 10 | Regulation of Ebola virus VP40 matrix protein by SUMO. Scientific Reports, 2016, 6, 37258. | 3.3 | 17 |
| 11 | Cell senescence is an antiviral defense mechanism. Scientific Reports, 2016, 6, 37007. | 3.3 | 70 |
| 12 | Conjugation of SUMO to p85 leads to a novel mechanism of PI3K regulation. Oncogene, 2016, 35, 2873-2880. | 5.9 | 21 |
| 13 | KSHV latent protein LANA2 inhibits sumo2 modification of p53. Cell Cycle, 2015, 14, 277-282. | 2.6 | 17 |
| 14 | SUMOylation regulates AKT1 activity. Oncogene, 2015, 34, 1442-1450. | 5.9 | 39 |
| 15 | Analysis of PTEN ubiquitylation and SUMOylation using molecular traps. Methods, 2015, 77-78, 112-118. | 3.8 | 14 |
| 16 | Transcriptional regulation of Sox2 by the retinoblastoma family of pocket proteins. Oncotarget, 2015, 6, 2992-3002. | 1.8 | 14 |
| 17 | Activation of the Double-stranded RNA-dependent Protein Kinase PKR by Small Ubiquitin-like Modifier (SUMO). Journal of Biological Chemistry, 2014, 289, 26357-26367. | 3.4 | 22 |
| 18 | The impact of PKR activation: from neurodegeneration to cancer. FASEB Journal, 2014, 28, 1965-1974. | 0.5 | 90 |

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|---|---|---|---|
| 19 | Experimental Evolution of an Oncolytic Vesicular Stomatitis Virus with Increased Selectivity for p53-Deficient Cells. PLoS ONE, 2014, 9, e102365. | 2.5 | 21 |
| 20 | A Unified Nomenclature and Amino Acid Numbering for Human PTEN. Science Signaling, 2014, 7, pe15. | 3.6 | 50 |
| 21 | Kaposiâ€™s sarcoma-associated herpesvirus lana2 protein interacts with the pocket proteins and inhibits their sumoylation. Oncogene, 2014, 33, 495-503. | 5.9 | 17 |
| 22 | Analysis of SUMOylated proteins using SUMO-traps. Scientific Reports, 2013, 3, 1690. | 3.3 | 32 |
| 23 | Rotavirus Viroplasm Proteins Interact with the Cellular SUMOylation System: Implications for Viroplasm-Like Structure Formation. Journal of Virology, 2013, 87, 807-817. | 3.4 | 24 |
| 24 | SUMOylation of p53 mediates interferon activities. Cell Cycle, 2013, 12, 2809-2816. | 2.6 | 23 |
| 25 | Regulation of the tumor suppressor PTEN by SUMO. Cell Death and Disease, 2012, 3, e393-e393. | 6.3 | 68 |
| 26 | SIRT1 stabilizes PML promoting its sumoylation. Cell Death and Differentiation, 2011, 18, 72-79. | 11.2 | 49 |
| 27 | Acetylation is indispensable for p53 antiviral activity. Cell Cycle, 2011, 10, 3701-3705. | 2.6 | 41 |
| 28 | Covalent modification by SUMO is required for efficient disruption of PML oncogenic domains by Kaposi's sarcoma-associated herpesvirus latent protein LANA2. Journal of General Virology, 2011, 92, 188-194. | 2.9 | 32 |
| 29 | Regulation of Vaccinia Virus E3 Protein by Small Ubiquitin-Like Modifier Proteins. Journal of Virology, 2011, 85, 12890-12900. | 3.4 | 27 |
| 30 | The Chemotherapeutic Drug 5-Fluorouracil Promotes PKR-Mediated Apoptosis in a p53- Independent Manner in Colon and Breast Cancer Cells. PLoS ONE, 2011, 6, e23887. | 2.5 | 47 |
| 31 | Role of Monoubiquitylation on the Control of IÎºBÎ± Degradation and NF-Îº B Activity. PLoS ONE, 2011, 6, e25397. | 2.5 | 16 |
| 32 | Antiviral activity of resveratrol. Biochemical Society Transactions, 2010, 38, 50-53. | 3.4 | 117 |
| 33 | Dual Role of p53 in Innate Antiviral Immunity. Viruses, 2010, 2, 298-313. | 3.3 | 101 |
| 34 | Kaposi's Sarcoma-Associated Herpesvirus Protein LANA2 Disrupts PML Oncogenic Domains and Inhibits PML-Mediated Transcriptional Repression of the Survivin Gene. Journal of Virology, 2009, 83, 8849-8858. | 3.4 | 75 |
| 35 | Activation of NF-kB Pathway by Virus Infection Requires Rb Expression. PLoS ONE, 2009, 4, e6422. | 2.5 | 32 |
| 36 | Induction of Paclitaxel Resistance by the Kaposi's Sarcoma-Associated Herpesvirus Latent Protein LANA2. Journal of Virology, 2008, 82, 1518-1525. | 3.4 | 18 |

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|---|---|---|---|
| 37 | The Sequential Activation of the Yeast HOG and SLT2 Pathways Is Required for Cell Survival to Cell Wall Stress. Molecular Biology of the Cell, 2008, 19, 1113-1124. | 2.1 | 183 |
| 38 | Control of virus infection by tumour suppressors. Carcinogenesis, 2007, 28, 1140-1144. | 2.8 | 9 |
| 39 | Novel and unexpected role for the tumor suppressor ARF in viral infection surveillance. Future Virology, 2007, 2, 625-629. | 1.8 | 1 |
| 40 | Latent Protein LANA2 from Kaposi's Sarcoma-Associated Herpesvirus Interacts with 14-3-3 Proteins and Inhibits FOXO3a Transcription Factor. Journal of Virology, 2007, 81, 1511-1516. | 3.4 | 48 |
| 41 | Characterization of a human Bid homologue protein from Gallus gallus. Gene, 2006, 372, 26-32. | 2.2 | 2 |
| 42 | Antiviral action of the tumor suppressor ARF. EMBO Journal, 2006, 25, 4284-4292. | 7.8 | 43 |
| 43 | Impact of Protein Kinase PKR in Cell Biology: from Antiviral to Antiproliferative Action. Microbiology and Molecular Biology Reviews, 2006, 70, 1032-1060. | 6.6 | 656 |
| 44 | Resistance to viral infection of super p53 mice. Oncogene, 2005, 24, 3059-3062. | 5.9 | 66 |
| 45 | Characterization of MDGA1, a novel human glycosylphosphatidylinositol-anchored protein localized in lipid rafts. Experimental Cell Research, 2005, 307, 91-99. | 2.6 | 16 |
| 46 | Identification of a nuclear export signal in the KSHV latent protein LANA2 mediating its export from the nucleus. Experimental Cell Research, 2005, 311, 96-105. | 2.6 | 20 |
| 47 | The latency protein LANA2 from Kaposi's sarcoma-associated herpesvirus inhibits apoptosis induced by dsRNA-activated protein kinase but not RNase L activation. Journal of General Virology, 2003, 84, 1463-1470. | 2.9 | 70 |
| 48 | 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 |
| 49 | Kaposi's Sarcoma-Associated Herpesvirus LANA2 Is a B-Cell-Specific Latent Viral Protein That Inhibits p53. Journal of Virology, 2001, 75, 429-438. | 3.4 | 258 |
| 50 | BCR-ABL and Interleukin 3 Promote Haematopoietic Cell Proliferation and Survival through Modulation of Cyclin D2 and p27Kip1 Expression. Journal of Biological Chemistry, 2001, 276, 23572-23580. | 3.4 | 94 |
| 51 | 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 |
| 52 | Absence of in vitro or in vivo bystander effects in a thymidine kinase-transduced murine T lymphoma. Cancer Gene Therapy, 2000, 7, 954-962. | 4.6 | 13 |
| 53 | Inhibition of the Phosphoinositide 3-Kinase Pathway Induces a Senescence-like Arrest Mediated by p27Kip1. Journal of Biological Chemistry, 2000, 275, 21960-21968. | 3.4 | 231 |
| 54 | 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 |

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|---|---|---|---|
| 55 | 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 |
| 56 | Vaccinia Virus E3L Protein Is an Inhibitor of the Interferon (IFN)-Induced 2-5A Synthetase Enzyme. Virology, 1998, 243, 406-414. | 2.4 | 142 |
| 57 | Replication and morphogenesis of the turbot aquareovirus (TRV) in cell culture. Aquaculture, 1998, 160, 47-62. | 3.5 | 13 |
| 58 | Inducible Expression of the 2-5A Synthetase/RNase L System Results in Inhibition of Vaccinia Virus Replication. Virology, 1997, 227, 220-228. | 2.4 | 66 |
| 59 | Activation of the IFN-Inducible Enzyme RNase L Causes Apoptosis of Animal Cells. Virology, 1997, 236, 354-363. | 2.4 | 136 |
| 60 | African Swine Fever Virus GeneA179L,a Viral Homologue ofbcl-2, Protects Cells from Programmed Cell Death. Virology, 1996, 225, 227-230. | 2.4 | 110 |
| 61 | Effect of the turbot aquareovirus on fish macrophages using an in vitro model. Diseases of Aquatic Organisms, 1996, 25, 209-216. | 1.0 | 2 |
| 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 | Pathogenicity of birnaviruses isolated from turbot (Scophthalmus maximus): comparison with reference serotypes of IPNV. Aquaculture, 1995, 130, 7-14. | 3.5 | 12 |
| 64 | Effect of serum factors on the survival of Renibacterium salmoninarum within rainbow trout macrophages. Diseases of Aquatic Organisms, 1995, 23, 221-227. | 1.0 | 19 |
| 65 | H.P3 Replication of aquareovirus TRV in turbot macrophages. Developmental and Comparative Immunology, 1994, 18, S140. | 2.3 | 0 |
| 66 | Efficacy of Chemical Disinfectants against Turbot Aquareovirus. Applied and Environmental Microbiology, 1994, 60, 2168-2169. | 3.1 | 9 |
| 67 | Toxicity of the extracellular products ofVibrio damsela isolated from diseased fish. Current Microbiology, 1993, 27, 341-347. | 2.2 | 48 |
| 68 | Marine environment as reservoir of birnaviruses from poikilothermic animals. Aquaculture, 1993, 115, 183-194. | 3.5 | 22 |
| 69 | Pathogenic activities of live cells and extracellular products of the fish pathogen Pasteurella piscicida. Journal of General Microbiology, 1992, 138, 2491-2498. | 2.3 | 78 |
| 70 | Comparison of five fish rotaviruses by crossneutralization tests. Aquaculture, 1992, 107, 131-134. | 3.5 | 0 |