# Francisco Sobrino

List of Publications by Year
in descending order

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|---|---|---|---|
| 144<br>papers | 4,759<br>citations | 87888<br>38<br>h-index | 128289<br>60<br>g-index |
| 145<br>all docs | 145<br>docs citations | 145<br>times ranked | 4815<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Evolution of foot-and-mouth disease virus. Virus Research, 2003, 91, 47-63. | 2.2 | 273 |
| 2 | Oxidative Stress Triggers STAT3 Tyrosine Phosphorylation and Nuclear Translocation in Human Lymphocytes. Journal of Biological Chemistry, 1999, 274, 17580-17586. | 3.4 | 235 |
| 3 | Methylation-Dependent Gene Silencing Induced by Interleukin 1Î² via Nitric Oxide Production. Journal of Experimental Medicine, 1999, 190, 1595-1604. | 8.5 | 192 |
| 4 | Foot-and-mouth disease virus. Comparative Immunology, Microbiology and Infectious Diseases, 2002, 25, 297-308. | 1.6 | 180 |
| 5 | Oxidative stress is a critical mediator of the angiotensin II signal in human neutrophils: involvement of mitogen-activated protein kinase, calcineurin, and the transcription factor NF-ÎºB. Blood, 2003, 102, 662-671. | 1.4 | 155 |
| 6 | The Composition of West Nile Virus Lipid Envelope Unveils a Role of Sphingolipid Metabolism in Flavivirus Biogenesis. Journal of Virology, 2014, 88, 12041-12054. | 3.4 | 125 |
| 7 | 15-Deoxy-Î"12,14-prostaglandin J2 Induces Heme Oxygenase-1 Gene Expression in a Reactive Oxygen Species-dependent Manner in Human Lymphocytes. Journal of Biological Chemistry, 2004, 279, 21929-21937. | 3.4 | 100 |
| 8 | Characterization of Calcineurin in Human Neutrophils. Journal of Biological Chemistry, 1999, 274, 93-100. | 3.4 | 94 |
| 9 | Enhanced Mucosal Immunoglobulin A Response and Solid Protection against Foot-and-Mouth Disease Virus Challenge Induced by a Novel Dendrimeric Peptide. Journal of Virology, 2008, 82, 7223-7230. | 3.4 | 92 |
| 10 | Stimulators of AMP-activated protein kinase inhibit the respiratory burst in human neutrophils. FEBS Letters, 2004, 573, 219-225. | 2.8 | 90 |
| 11 | Foot-and-mouth disease virus: biology and prospects for disease control. Microbes and Infection, 2002, 4, 1183-1192. | 1.9 | 86 |
| 12 | A DNA vaccine expressing the E2 protein of classical swine fever virus elicits T cell responses that can prime for rapid antibody production and confer total protection upon viral challenge. Vaccine, 2005, 23, 3741-3752. | 3.8 | 73 |
| 13 | Homocysteine enhances superoxide anion release and NADPH oxidase assembly by human neutrophils. Effects on MAPK activation and neutrophil migration. Atherosclerosis, 2004, 172, 229-238. | 0.8 | 66 |
| 14 | Productive entry of type C foot-and-mouth disease virus into susceptible cultured cells requires clathrin and is dependent on the presence of plasma membrane cholesterol. Virology, 2007, 369, 105-118. | 2.4 | 66 |
| 15 | Primer design for specific diagnosis by PCR of highly variable RNA viruses: Typing of foot-and-mouth disease virus. Virology, 1992, 189, 363-367. | 2.4 | 60 |
| 16 | Recent advances in the development of recombinant vaccines against classical swine fever virus: Cellular responses also play a role in protection. Veterinary Journal, 2008, 177, 169-177. | 1.7 | 59 |
| 17 | Elevated secretion of myeloperoxidase by neutrophils from asthmatic patients: The effect of immunotherapy. Journal of Allergy and Clinical Immunology, 2001, 107, 623-626. | 2.9 | 58 |
| 18 | Immunogenicity and T cell recognition in swine of foot-and-mouth disease virus polymerase 3D. Virology, 2004, 322, 264-275. | 2.4 | 57 |

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|---|---|---|---|
| 19 | Modification of the Host Cell Lipid Metabolism Induced by Hypolipidemic Drugs Targeting the Acetyl Coenzyme A Carboxylase Impairs West Nile Virus Replication. Antimicrobial Agents and Chemotherapy, 2016, 60, 307-315. | 3.2 | 55 |
| 20 | A RT-PCR assay for the differential diagnosis of vesicular viral diseases of swine. Journal of Virological Methods, 1998, 72, 227-235. | 2.1 | 53 |
| 21 | NO induces a cGMPâ€independent release of cytochrome <i>c</i> from mitochondria which precedes caspase 3 activation in insulin producing RINm5F cells. FEBS Letters, 1999, 459, 238-243. | 2.8 | 53 |
| 22 | Nitric oxide-induced carbonylation of Bcl-2, GAPDH and ANT precedes apoptotic events in insulin-secreting RINm5F cells. Experimental Cell Research, 2004, 293, 22-30. | 2.6 | 52 |
| 23 | Genetic and phenotypic variability during replication of foot-and-mouth disease virus in swine. Virology, 1990, 179, 890-892. | 2.4 | 50 |
| 24 | Full protection of swine against foot-and-mouth disease by a bivalent B-cell epitope dendrimer peptide. Antiviral Research, 2016, 129, 74-80. | 4.1 | 49 |
| 25 | Differential distribution of non-structural proteins of foot-and-mouth disease virus in BHK-21 cells. Virology, 2006, 349, 409-421. | 2.4 | 48 |
| 26 | Evidence of the Coevolution of Antigenicity and Host Cell Tropism of Foot-and-Mouth Disease Virus In Vivo. Journal of Virology, 2003, 77, 1219-1226. | 3.4 | 47 |
| 27 | Nitric Oxide Triggers the Phosphatidylinositol 3-Kinase/Akt Survival Pathway in Insulin-Producing RINm5F Cells by Arousing Src to Activate Insulin Receptor Substrate-1. Endocrinology, 2004, 145, 2319-2327. | 2.8 | 46 |
| 28 | Origin and evolution of viruses causing classical swine fever in Cuba. Virus Research, 2005, 112, 123-131. | 2.2 | 46 |
| 29 | Inhibition of Enveloped Virus Infection of Cultured Cells by Valproic Acid. Journal of Virology, 2011, 85, 1267-1274. | 3.4 | 46 |
| 30 | Acid-dependent viral entry. Virus Research, 2012, 167, 125-137. | 2.2 | 46 |
| 31 | Partial protection against classical swine fever virus elicited by dendrimeric vaccine-candidate peptides in domestic pigs. Vaccine, 2011, 29, 4422-4429. | 3.8 | 45 |
| 32 | A Single Amino Acid Substitution in the Capsid of Foot-and-Mouth Disease Virus Can Increase Acid Lability and Confer Resistance to Acid-Dependent Uncoating Inhibition. Journal of Virology, 2010, 84, 2902-2912. | 3.4 | 44 |
| 33 | Host sphingomyelin increases West Nile virus infection in vivo. Journal of Lipid Research, 2016, 57, 422-432. | 4.2 | 43 |
| 34 | Guinea Pig-Adapted Foot-and-Mouth Disease Virus with Altered Receptor Recognition Can Productively Infect a Natural Host. Journal of Virology, 2007, 81, 8497-8506. | 3.4 | 42 |
| 35 | Interspecies Major Histocompatibility Complex-Restricted Th Cell Epitope on Foot-and-Mouth Disease Virus Capsid Protein VP4. Journal of Virology, 2000, 74, 4902-4907. | 3.4 | 41 |
| 36 | Sodium Nitroprusside-Induced Mitochondrial Apoptotic Events in Insulin-Secreting RINm5F Cells Are Associated with MAP Kinases Activation. Experimental Cell Research, 2001, 269, 222-229. | 2.6 | 41 |

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|---|---|---|---|
| 37 | A Single Amino Acid Substitution in the Capsid of Foot-and-Mouth Disease Virus Can Increase Acid Resistance. Journal of Virology, 2011, 85, 2733-2740. | 3.4 | 40 |
| 38 | Direct PCR detection of foot-and-mouth disease virus. Journal of Virological Methods, 1994, 47, 345-349. | 2.1 | 39 |
| 39 | Molecular epidemiology of classical swine fever in Cuba. Virus Research, 1999, 64, 61-67. | 2.2 | 39 |
| 40 | Recovery of Infectious Foot-and-Mouth Disease Virus from Suckling Mice after Direct Inoculation with In Vitro-Transcribed RNA. Journal of Virology, 2003, 77, 11290-11295. | 3.4 | 38 |
| 41 | Attenuated Foot-and-Mouth Disease Virus RNA Carrying a Deletion in the 3â€² Noncoding Region Can Elicit Immunity in Swine. Journal of Virology, 2009, 83, 3475-3485. | 3.4 | 38 |
| 42 | Antigenic Specificity of Porcine T Cell Response against Foot-and-Mouth Disease Virus Structural Proteins: Identification of T Helper Epitopes in VP1. Virology, 1994, 205, 24-33. | 2.4 | 37 |
| 43 | p53 Transactivation of the HIV-1 Long Terminal Repeat Is Blocked by PD 144795, a Calcineurin-Inhibitor with Anti-HIV Properties. Journal of Biological Chemistry, 1998, 273, 7088-7093. | 3.4 | 36 |
| 44 | Evidence for involvement of c-Src in the anti-apoptotic action of nitric oxide in serum-deprived RINm5F cells. Cellular Signalling, 2001, 13, 809-817. | 3.6 | 35 |
| 45 | Innate immune sensor LGP2 is cleaved by the Leader protease of foot-and-mouth disease virus. PLoS Pathogens, 2018, 14, e1007135. | 4.7 | 35 |
| 46 | DNA vaccines expressing B and T cell epitopes can protect mice from FMDV infection in the absence of specific humoral responses. Vaccine, 2006, 24, 3889-3899. | 3.8 | 34 |
| 47 | RNA Structural Domains in Noncoding Regions of the Foot-and-Mouth Disease Virus Genome Trigger Innate Immunity in Porcine Cells and Mice. Journal of Virology, 2011, 85, 6492-6501. | 3.4 | 33 |
| 48 | Protection of a Single Dose West Nile Virus Recombinant Subviral Particle Vaccine against Lineage 1 or 2 Strains and Analysis of the Cross-Reactivity with Usutu Virus. PLoS ONE, 2014, 9, e108056. | 2.5 | 33 |
| 49 | A recombinant DNA vaccine protects mice deficient in the alpha/beta interferon receptor against lethal challenge with Usutu virus. Vaccine, 2016, 34, 2066-2073. | 3.8 | 32 |
| 50 | Peptide vaccine candidates against classical swine fever virus: T cell and neutralizing antibody responses of dendrimers displaying E2 and NS2â€"3 epitopes. Journal of Peptide Science, 2011, 17, 24-31. | 1.4 | 30 |
| 51 | The pH Stability of Foot-and-Mouth Disease Virus Particles Is Modulated by Residues Located at the Pentameric Interface and in the N Terminus of VP1. Journal of Virology, 2015, 89, 5633-5642. | 3.4 | 30 |
| 52 | Modulation of IgE-dependent COX-2 gene expression by reactive oxygen species in human neutrophils. Journal of Leukocyte Biology, 2006, 80, 152-163. | 3.3 | 29 |
| 53 | Membrane Topology and Cellular Dynamics of Foot-and-Mouth Disease Virus 3A Protein. PLoS ONE, 2014, 9, e106685. | 2.5 | 29 |
| 54 | Targeting host metabolism by inhibition of acetyl-Coenzyme A carboxylase reduces flavivirus infection in mouse models. Emerging Microbes and Infections, 2019, 8, 624-636. | 6.5 | 29 |

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|---|---|---|---|
| 55 | Human neutrophils synthesize IL-8 in an IgE-mediated activation. Journal of Leukocyte Biology, 2004, 76, 692-700. | 3.3 | 28 |
| 56 | Oleic acid modulates mRNA expression of liver X receptor (LXR) and its target genes ABCA1 and SREBP1c in human neutrophils. European Journal of Nutrition, 2014, 53, 1707-1717. | 3.9 | 27 |
| 57 | Involvement of advanced lipooxidation end products (ALEs) and protein oxidation in the apoptotic actions of nitric oxide in insulin secreting RINm5F cells. Biochemical Pharmacology, 2003, 66, 1963-1971. | 4.4 | 26 |
| 58 | Specific Allergens Enhance Elastase Release in Stimulated Neutrophils from Asthmatic Patients. International Archives of Allergy and Immunology, 2003, 131, 174-181. | 2.1 | 25 |
| 59 | Expression of the transcription factor NFAT2 in human neutrophils: IgE-dependent, Ca2+- and calcineurin-mediated NFAT2 activation. Journal of Cell Science, 2007, 120, 2328-2337. | 2.0 | 25 |
| 60 | A newly synthesized molecule derived from ruthenium cation, with antitumour activity, activates NADPH oxidase in human neutrophils. Biochemical Journal, 1997, 328, 559-564. | 3.7 | 24 |
| 61 | Inhibition of multiplication of the prototypic arenavirus LCMV by valproic acid. Antiviral Research, 2013, 99, 172-179. | 4.1 | 24 |
| 62 | Subcellular distribution of swine vesicular disease virus proteins and alterations induced in infected cells: A comparative study with foot-and-mouth disease virus and vesicular stomatitis virus. Virology, 2008, 374, 432-443. | 2.4 | 23 |
| 63 | Heme oxygenase-1 expression is down-regulated by angiotensin II and under hypertension in human neutrophils. Journal of Leukocyte Biology, 2008, 84, 397-405. | 3.3 | 23 |
| 64 | A DNA vaccine encoding foot-and-mouth disease virus B and T-cell epitopes targeted to class II swine leukocyte antigens protects pigs against viral challenge. Antiviral Research, 2011, 92, 359-363. | 4.1 | 23 |
| 65 | A T-cell epitope on NS3 non-structural protein enhances the B and T cell responses elicited by dendrimeric constructions against CSFV in domestic pigs. Veterinary Immunology and Immunopathology, 2012, 150, 36-46. | 1.2 | 23 |
| 66 | B Epitope Multiplicity and B/T Epitope Orientation Influence Immunogenicity of Foot-and-Mouth Disease Peptide Vaccines. Clinical and Developmental Immunology, 2013, 2013, 1-9. | 3.3 | 23 |
| 67 | An Increase in Acid Resistance of Foot-and-Mouth Disease Virus Capsid Is Mediated by a Tyrosine Replacement of the VP2 Histidine Previously Associated with VP0 Cleavage. Journal of Virology, 2014, 88, 3039-3042. | 3.4 | 23 |
| 68 | A procedure for detecting selection in highly variable viral genomes: evidence of positive selection in antigenic regions of capsid protein VP1 of foot-and-mouth disease virus. Journal of Virological Methods, 1998, 74, 215-221. | 2.1 | 22 |
| 69 | Inoculation of newborn mice with non-coding regions of foot-and-mouth disease virus RNA can induce a rapid, solid and wide-range protection against viral infection. Antiviral Research, 2011, 92, 500-504. | 4.1 | 22 |
| 70 | Synthetic RNAs Mimicking Structural Domains in the Foot-and-Mouth Disease Virus Genome Elicit a Broad Innate Immune Response in Porcine Cells Triggered by RIG-I and TLR Activation. Viruses, 2015, 7, 3954-3973. | 3.3 | 22 |
| 71 | Multifunctionality of a Picornavirus Polymerase Domain: Nuclear Localization Signal and Nucleotide Recognition. Journal of Virology, 2015, 89, 6848-6859. | 3.4 | 22 |
| 72 | Grapefruit Flavonoid Naringenin Regulates the Expression of LXRÎ± in THP-1 Macrophages by Modulating AMP-Activated Protein Kinase. Molecular Pharmaceutics, 2018, 15, 1735-1745. | 4.6 | 22 |

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| --- | --- | --- | --- |
| 73 | Enhanced response to antibody binding in engineered Î²-galactosidase enzymatic sensors. BBA - Proteins and Proteomics, 2002, 1596, 212-224. | 2.1 | 21 |
| 74 | Dendritic Cell Internalization of Foot-and-Mouth Disease Virus: Influence of Heparan Sulfate Binding on Virus Uptake and Induction of the Immune Response. Journal of Virology, 2008, 82, 6379-6394. | 3.4 | 21 |
| 75 | Response to retreatment with interferon-Î± plus ribavirin in chronic hepatitis C patients is independent of the NS5A gene nucleotide sequence. American Journal of Gastroenterology, 1999, 94, 2487-2495. | 0.4 | 20 |
| 76 | Inclusion of a specific T cell epitope increases the protection conferred against foot-and-mouth disease virus in pigs by a linear peptide containing an immunodominant B cell site. Virology Journal, 2012, 9, 66. | 3.4 | 20 |
| 77 | Combined administration of synthetic RNA and a conventional vaccine improves immune responses and protection against foot-and-mouth disease virus in swine. Antiviral Research, 2017, 142, 30-36. | 4.1 | 20 |
| 78 | Dendrimeric peptides can confer protection against foot-and-mouth disease virus in cattle. PLoS ONE, 2017, 12, e0185184. | 2.5 | 19 |
| 79 | Effect of thimerosal and other sulfhydryl reagents on calcium permeability in thymus lymphocytes. Biochemical Pharmacology, 1995, 49, 227-232. | 4.4 | 18 |
| 80 | A new role for monoamine oxidases in the modulation of macrophage-inducible nitric oxide synthase gene expression. Journal of Leukocyte Biology, 2004, 75, 1093-1101. | 3.3 | 18 |
| 81 | Rac2 GTPase activation by angiotensin II is modulated by Ca2+/calcineurin and mitogen-activated protein kinases in human neutrophils. Journal of Molecular Endocrinology, 2007, 39, 351-363. | 2.5 | 18 |
| 82 | Tolerance to mutations in the foot-and-mouth disease virus integrin-binding RGD region is different in cultured cells and in vivo and depends on the capsid sequence context. Journal of General Virology, 2008, 89, 2531-2539. | 2.9 | 18 |
| 83 | Transcription of Liver X Receptor Is Down-Regulated by 15-Deoxy-Î”12,14-Prostaglandin J2 through Oxidative Stress in Human Neutrophils. PLoS ONE, 2012, 7, e42195. | 2.5 | 18 |
| 84 | Delivery of synthetic RNA can enhance the immunogenicity of vaccines against foot-and-mouth disease virus (FMDV) in mice. Vaccine, 2013, 31, 4375-4381. | 3.8 | 18 |
| 85 | A Single Dose of Dendrimer B2T Peptide Vaccine Partially Protects Pigs against Foot-and-Mouth Disease Virus Infection. Vaccines, 2020, 8, 19. | 4.4 | 18 |
| 86 | Susceptibility to viral infection is enhanced by stable expression of 3A or 3AB proteins from foot-and-mouth disease virus. Virology, 2008, 380, 34-45. | 2.4 | 17 |
| 87 | Protection against West Nile Virus Infection in Mice after Inoculation with Type I Interferon-Inducing RNA Transcripts. PLoS ONE, 2012, 7, e49494. | 2.5 | 17 |
| 88 | Induction of cyclooxygenase-2 expression by allergens in lymphocytes from allergic patients. European Journal of Immunology, 2005, 35, 2313-2324. | 2.9 | 16 |
| 89 | Intermediate alleles at the FRAXA and FRAXE loci in Parkinsonâ€™s disease. Parkinsonism and Related Disorders, 2011, 17, 281-284. | 2.2 | 16 |
| 90 | Mutations That Hamper Dimerization of Foot-and-Mouth Disease Virus 3A Protein Are Detrimental for Infectivity. Journal of Virology, 2012, 86, 11013-11023. | 3.4 | 16 |

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|---|---|---|---|
| 91 | Activation of phagocytic cell NADPH oxidase by norfloxacin: a potential mechanism to explain its bactericidal action. Journal of Leukocyte Biology, 2002, 71, 255-61. | 3.3 | 16 |
| 92 | Towards a multi-site synthetic vaccine to foot-and-mouth disease: addition of discontinuous site peptide mimic increases the neutralization response in immunized animals. Vaccine, 2004, 22, 3523-3529. | 3.8 | 15 |
| 93 | DNA immunization with 2C FMDV non-structural protein reveals the presence of an immunodominant CD8+, CTL epitope for Balb/c mice. Antiviral Research, 2006, 72, 178-189. | 4.1 | 15 |
| 94 | MDA5 cleavage by the Leader protease of foot-and-mouth disease virus reveals its pleiotropic effect against the host antiviral response. Cell Death and Disease, 2020, 11, 718. | 6.3 | 15 |
| 95 | Activation of peritoneal macrophages during the prediabetic phase in low-dose streptozotocin-treated mice. FEBS Letters, 1993, 327, 32-34. | 2.8 | 14 |
| 96 | A computer program for the design of PCR primers for diagnosis of highly variable genomes. Journal of Virological Methods, 1993, 41, 157-165. | 2.1 | 14 |
| 97 | DNA immunization of pigs with foot-and-mouth disease virus minigenes: From partial protection to disease exacerbation. Virus Research, 2011, 157, 121-125. | 2.2 | 14 |
| 98 | Characterization of a nuclear localization signal in the foot-and-mouth disease virus polymerase. Virology, 2013, 444, 203-210. | 2.4 | 14 |
| 99 | Peptide-Based Vaccines: Foot-and-Mouth Disease Virus, a Paradigm in Animal Health. Vaccines, 2021, 9, 477. | 4.4 | 14 |
| 100 | Skewed X Inactivation of the Normal Allele in Fully Mutated Female Carriers Determines the Levels of FMRP in Blood and the Fragile X Phenotype. Molecular Diagnosis and Therapy, 2005, 9, 157-162. | 1.1 | 14 |
| 101 | Thimerosal induces calcium mobilization, fructose 2,6-bisphosphate synthesis and cytoplasmic alkalinization in rat thymus lymphocytes. Biochimica Et Biophysica Acta - Molecular Cell Research, 1991, 1091, 110-114. | 4.1 | 13 |
| 102 | Heterotypic inhibition of foot-and-mouth disease virus infection by combinations of RNA transcripts corresponding to the 5â€² and 3â€² regions. Antiviral Research, 1999, 44, 133-141. | 4.1 | 13 |
| 103 | Different signaling pathways inhibit DNA methylation activity and up-regulate IFN-Â in human lymphocytes. Journal of Leukocyte Biology, 2005, 78, 1339-1346. | 3.3 | 13 |
| 104 | Internalization of Swine Vesicular Disease Virus into Cultured Cells: a Comparative Study with Foot-and-Mouth Disease Virus. Journal of Virology, 2009, 83, 4216-4226. | 3.4 | 13 |
| 105 | RNA immunization can protect mice against foot-and-mouth disease virus. Antiviral Research, 2010, 85, 556-558. | 4.1 | 13 |
| 106 | 7-Keto-cholesterol and 25-hydroxy-1 cholesterol rapidly enhance ROS production in human neutrophils. European Journal of Nutrition, 2016, 55, 2485-2492. | 4.6 | 13 |
| 107 | Estimates by computer simulation of genetic distances from comparisons of RNAse A mismatch cleavage patterns. Journal of Virological Methods, 1993, 45, 73-82. | 2.1 | 12 |
| 108 | Exploring IRES Region Accessibility by Interference of Foot-and-Mouth Disease Virus Infectivity. PLoS ONE, 2012, 7, e41382. | 2.5 | 12 |

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|---|---|---|---|
| 109 | Protection against Rift Valley fever virus infection in mice upon administration of interferon-inducing RNA transcripts from the FMDV genome. Antiviral Research, 2014, 109, 64-67. | 4.1 | 12 |
| 110 | Curcumin enhances LXRÎ± in an AMP-activated protein kinase-dependent manner in human macrophages. Journal of Nutritional Biochemistry, 2018, 54, 48-56. | 4.2 | 12 |
| 111 | Analysis of the immune response against mixotope peptide libraries from a main antigenic site of foot-and-mouth disease virus. Vaccine, 2005, 23, 2647-2657. | 3.8 | 11 |
| 112 | Immunomodulatory effect of swine CCL20 chemokine in DNA vaccination against CSFV. Veterinary Immunology and Immunopathology, 2011, 142, 243-251. | 1.2 | 11 |
| 113 | Phenylarsine Oxide Increases Intracellular Calcium Mobility and Inhibits Ca2+-Dependent ATPase Activity in Thymocytes. Molecular Genetics and Metabolism, 1999, 68, 363-370. | 1.1 | 10 |
| 114 | Cell density-dependent expression of viral antigens during persistence of foot-and-mouth disease virus in cell culture. Virology, 2010, 403, 47-55. | 2.4 | 10 |
| 115 | Foot-and-mouth disease virus particles inactivated with binary ethylenimine are efficiently internalized into cultured cells. Vaccine, 2011, 29, 9655-9662. | 3.8 | 10 |
| 116 | Clinical Infections by Herpesviruses in Patients Treated with Valproic Acid: A Nested Case-Control Study in the Spanish Primary Care Database, BIFAP. Journal of Clinical Medicine, 2019, 8, 1442. | 2.4 | 10 |
| 117 | Epstein-Barr Virus Transformation of Human Lymphoblastoid Cells from Patients with Fragile X Syndrome Induces Variable Changes on CGG Repeats Size and Promoter Methylation. Molecular Diagnosis and Therapy, 2003, 7, 163-167. | 1.1 | 9 |
| 118 | Rational Dissection of Binding Surfaces for Mimicking of Discontinuous Antigenic Sites. Chemistry and Biology, 2006, 13, 815-823. | 6.0 | 9 |
| 119 | Plasma Membrane Phosphatidylinositol 4,5 Bisphosphate Is Required for Internalization of Foot-and-Mouth Disease Virus and Vesicular Stomatitis Virus. PLoS ONE, 2012, 7, e45172. | 2.5 | 9 |
| 120 | A bivalent dendrimeric peptide bearing a T-cell epitope from foot-and-mouth disease virus protein 3A improves humoral response against classical swine fever virus. Virus Research, 2017, 238, 8-12. | 2.2 | 9 |
| 121 | Preserved immunogenicity of an inactivated vaccine based on foot-and-mouth disease virus particles with improved stability. Veterinary Microbiology, 2017, 203, 275-279. | 1.9 | 9 |
| 122 | A bivalent Bâ€cell epitope dendrimer peptide can confer longâ€lasting immunity in swine against footâ€andâ€mouth disease. Transboundary and Emerging Diseases, 2020, 67, 1614-1622. | 3.0 | 9 |
| 123 | Modulation of foot-and-mouth disease virus pH threshold for uncoating correlates with differential sensitivity to inhibition of cellular Rab GTPases and decreases infectivity in vivo. Journal of General Virology, 2012, 93, 2382-2386. | 2.9 | 8 |
| 124 | NICOTINAMIDE INHIBITS INDUCIBLE NITRIC OXIDE SYNTHASE ENZYME ACTIVITY IN MACROPHAGES BY ALLOWING NITRIC OXIDE TO INHIBIT ITS OWN FORMATION. Life Sciences, 1997, 61, 1843-1850. | 4.3 | 7 |
| 125 | Discriminating Foot-and-Mouth Disease Virus-Infected and Vaccinated Animals by Use of Î²-Galactosidase Allosteric Biosensors. Vaccine Journal, 2009, 16, 1228-1235. | 3.1 | 7 |
| 126 | Designing Functionally Versatile, Highly Immunogenic Peptide-Based Multiepitopic Vaccines against Foot-and-Mouth Disease Virus. Vaccines, 2020, 8, 406. | 4.4 | 7 |

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|---|---|---|---|
| 127 | Association of Porcine Swine Leukocyte Antigen (SLA) Haplotypes with B- and T-Cell Immune Response to Foot-and-Mouth Disease Virus (FMDV) Peptides. Vaccines, 2020, 8, 513. | 4.4 | 7 |
| 128 | Plateletâ€activating factor downregulates the expression of liver XÂreceptorâ€Î± and its target genes in human neutrophils. FEBS Journal, 2014, 281, 970-982. | 4.7 | 6 |
| 129 | Inhibition of Porcine Viruses by Different Cell-Targeted Antiviral Drugs. Frontiers in Microbiology, 2019, 10, 1853. | 3.5 | 6 |
| 130 | Inhibitory effect of albumin-derived advanced glycosylation products on PMA-induced superoxide anion production by rat macrophages. Life Sciences, 1997, 60, 2279-2289. | 4.3 | 5 |
| 131 | Contribution of a Multifunctional Polymerase Region of Foot-and-Mouth Disease Virus to Lethal Mutagenesis. Journal of Virology, 2018, 92, . | 3.4 | 5 |
| 132 | Macrophage inducible nitric oxide synthase gene expression is blocked by a benzothiophene derivative with anti-HIV properties. Molecular Genetics and Metabolism, 2002, 75, 360-368. | 1.1 | 4 |
| 133 | Platelet-activating factor and hydrogen peroxide exert a dual modulatory effect on the transcription of LXRÎ± and its target genes in human neutrophils. International Immunopharmacology, 2016, 38, 357-366. | 3.8 | 4 |
| 134 | Raccoons ( Procyon lotor ) in the Madrid region of Spain are carriers of antimicrobialâ€resistant Escherichia coli and enteropathogenic E.Âcoli. Zoonoses and Public Health, 2021, 68, 69-78. | 2.2 | 4 |
| 135 | Peptides Interfering 3A Protein Dimerization Decrease FMDV Multiplication. PLoS ONE, 2015, 10, e0141415. | 2.5 | 4 |
| 136 | Calcineurin expression and activity is regulated by the intracellular redox status and under hypertension in human neutrophils. Journal of Endocrinology, 2012, 214, 399-408. | 2.6 | 3 |
| 137 | First Complete Coding Sequence of a Spanish Isolate of Swine Vesicular Disease Virus. Genome Announcements, 2016, 4, . | 0.8 | 3 |
| 138 | Synthetic RNA derived from the foot-and-mouth disease virus genome elicits antiviral responses in bovine and porcine cells through IRF3 activation. Veterinary Microbiology, 2018, 221, 8-12. | 1.9 | 3 |
| 139 | Equine Rhinitis A Virus Mutants with Altered Acid Resistance Unveil a Key Role of VP3 and Intrasubunit Interactions in the Control of the pH Stability of the Aphthovirus Capsid. Journal of Virology, 2016, 90, 9725-9732. | 3.4 | 2 |
| 140 | Epstein-Barr Virus Transformation of Human Lymphoblastoid Cells from Patients with Fragile X Syndrome Induces Variable Changes on CGG Repeats Size and Promoter Methylation. Molecular Diagnosis and Therapy, 2003, 7, 163-167. | 1.1 | 2 |
| 141 | The Amino Acid Substitution Q65H in the 2C Protein of Swine Vesicular Disease Virus Confers Resistance to Golgi Disrupting Drugs. Frontiers in Microbiology, 2016, 7, 612. | 3.5 | 1 |
| 142 | Negatively charged amino acids at the foot-and-mouth disease virus capsid reduce the virion-destabilizing effect of viral RNA at acidic pH. Scientific Reports, 2020, 10, 1657. | 3.3 | 1 |
| 143 | Immunogenicity of Foot-and-Mouth Disease Virus Dendrimer Peptides: Need for a T-Cell Epitope and Ability to Elicit Heterotypic Responses. Molecules, 2021, 26, 4714. | 3.8 | 1 |
| 144 | Cyclosporin A antagonizes phenylephrine, oxytocin and angiotensin effects on glucose metabolism in rat thymus lymphocytes. Biochimica Et Biophysica Acta - Molecular Cell Research, 1994, 1221, 199-205. | 4.1 | 0 |