

# Francisco Gonzalez-Scarano

## List of Publications by Year in descending order

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62  
papers

4,181  
citations

117625

34  
h-index

133252

59  
g-index

63  
all docs

63  
docs citations

63  
times ranked

3755  
citing authors

#	ARTICLE	IF	CITATIONS
1	The neuropathogenesis of AIDS. <i>Nature Reviews Immunology</i> , 2005, 5, 69-81.	22.7	1,002
2	HIV-1-Related Central Nervous System Disease: Current Issues in Pathogenesis, Diagnosis, and Treatment. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2012, 2, a007120-a007120.	6.2	180
3	Immunohistochemical Analysis of CCR2, CCR3, CCR5, and CXCR4 in the Human Brain: Potential Mechanisms for HIV Dementia. <i>Experimental and Molecular Pathology</i> , 2000, 69, 192-201.	2.1	162
4	Pathogenesis of Human Immunodeficiency Virus-Induced Neurological Disease. <i>Journal of NeuroVirology</i> , 2003, 9, 222-227.	2.1	148
5	The Effects of Human Immunodeficiency Virus in the Central Nervous System. <i>Advances in Virus Research</i> , 1998, 50, 1-47.	2.1	127
6	Binding of Human Immunodeficiency Virus Type I (HIV-1) Gp120 to Galactosylceramide (GalCer): Relationship to the V3 Loop. <i>Virology</i> , 1994, 201, 206-214.	2.4	119
7	Chemokine receptors in the human brain and their relationship to HIV infection. <i>Journal of NeuroVirology</i> , 1998, 4, 301-311.	2.1	119
8	Severe Fever with Thrombocytopenia Virus Glycoproteins Are Targeted by Neutralizing Antibodies and Can Use DC-SIGN as a Receptor for pH-Dependent Entry into Human and Animal Cell Lines. <i>Journal of Virology</i> , 2013, 87, 4384-4394.	3.4	114
9	Sequence Similarities Between Human Immunodeficiency Virus gp41 and Paramyxovirus Fusion Proteins. <i>AIDS Research and Human Retroviruses</i> , 1987, 3, 245-252.	1.1	101
10	Arboviral Encephalitides: Transmission, Emergence, and Pathogenesis. <i>Journal of NeuroImmune Pharmacology</i> , 2010, 5, 428-442.	4.1	101
11	Carbon-linked galactosphingolipid analogs bind specifically to HIV-1 gp120. <i>Journal of the American Chemical Society</i> , 1992, 114, 10639-10641.	13.7	98
12	Characterization of monoclonal antibodies against the G1 and N proteins of LaCrosse and Tahyna, two California serogroup bunyaviruses. <i>Virology</i> , 1982, 120, 42-53.	2.4	95
13	The Effect of Human Herpesvirus-6 (HHV-6) on Cultured Human Neural Cells: Oligodendrocytes and Microglia. <i>Journal of NeuroVirology</i> , 1998, 4, 486-494.	2.1	94
14	Correlation of spectroscopy and magnetization transfer imaging in the evaluation of demyelinating lesions and normal appearing white matter in multiple sclerosis. <i>Magnetic Resonance in Medicine</i> , 1994, 32, 285-293.	3.0	90
15	La Crosse Virus Nonstructural Protein NSs Counteracts the Effects of Short Interfering RNA. <i>Journal of Virology</i> , 2005, 79, 234-244.	3.4	87
16	Annexin 2: a Novel Human Immunodeficiency Virus Type 1 Gag Binding Protein Involved in Replication in Monocyte-Derived Macrophages. <i>Journal of Virology</i> , 2006, 80, 2694-2704.	3.4	84
17	Toxicity of TNF $\alpha$ and platelet activating factor for human NT2N neurons: A tissue culture model for human immunodeficiency virus dementia. <i>Journal of NeuroVirology</i> , 1996, 2, 118-126.	2.1	71
18	Human Immunodeficiency Virus Type 1 Causes Productive Infection of Macrophages in Primary Placental Cell Cultures. <i>Journal of Infectious Diseases</i> , 1994, 169, 746-753.	4.0	70

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19	HIV-1 Infection of Cultured Human Adult Oligodendrocytes. <i>Virology</i> , 1996, 217, 211-219.	2.4	68
20	HIV-1 Tat Alters Normal Organization of Neurons and Astrocytes in Primary Rodent Brain Cell Cultures: RGD Sequence Dependence. <i>AIDS Research and Human Retroviruses</i> , 1993, 9, 677-685.	1.1	67
21	Human choroid plexus cells can be latently infected with human immunodeficiency virus. <i>Annals of Neurology</i> , 1989, 25, 406-411.	5.3	64
22	HIV-1 tropism for the central nervous system: Brain-derived envelope glycoproteins with lower CD4 dependence and reduced sensitivity to a fusion inhibitor. <i>Virology</i> , 2006, 346, 169-179.	2.4	64
23	Mutagenesis of the La Crosse Virus glycoprotein supports a role for Gc (1066â€“1087) as the fusion peptide. <i>Virology</i> , 2007, 358, 273-282.	2.4	60
24	Simian Immunodeficiency Virus Encephalitis: Analysis of Envelope Sequences from Individual Brain Multinucleated Giant Cells and Tissue Samples. <i>Virology</i> , 2002, 297, 57-67.	2.4	55
25	Microarray analysis of activated mixed glial (microglia) and monocyte-derived macrophage gene expression. <i>Journal of Neuroimmunology</i> , 2004, 157, 27-38.	2.3	55
26	La Crosse virus G1 glycoprotein undergoes a conformational change at the pH of fusion. <i>Virology</i> , 1985, 140, 209-216.	2.4	54
27	Emerging infectious diseases: The Bunyaviridae. <i>Journal of NeuroVirology</i> , 2005, 11, 412-423.	2.1	51
28	California serogroup Gc (G1) glycoprotein is the principal determinant of pH-dependent cell fusion and entry. <i>Virology</i> , 2005, 338, 121-132.	2.4	50
29	Chemokine receptors in the brain: their role in HIV infection and pathogenesis. <i>Aids</i> , 2002, 16, 1709-1730.	2.2	44
30	Expression Pattern of CXCR3, CXCR4, and CCR3 Chemokine Receptors in the Developing Human Brain. <i>Journal of Neuropathology and Experimental Neurology</i> , 2001, 60, 25-32.	1.7	41
31	Orthobunyavirus Entry into Neurons and Other Mammalian Cells Occurs via Clathrin-Mediated Endocytosis and Requires Trafficking into Early Endosomes. <i>Journal of Virology</i> , 2012, 86, 7988-8001.	3.4	41
32	Tropism of Bunyaviruses: Evidence for a G1 Glycoprotein-Mediated Entry Pathway Common to the California Serogroup. <i>Virology</i> , 1995, 214, 339-348.	2.4	40
33	HIV-associated neuropathies: role of HIV-1, CMV, and other viruses. <i>Journal of the Peripheral Nervous System</i> , 2001, 6, 2-7.	3.1	40
34	Genetic determinants of the virulence and infectivity of La Crosse virus. <i>Microbial Pathogenesis</i> , 1988, 4, 1-7.	2.9	36
35	Molecular Determinants of the Virulence and Infectivity of California Serogroup Bunya Viruses. <i>Annual Review of Microbiology</i> , 1993, 47, 117-138.	7.3	36
36	Anx2 Interacts with HIV-1 Gag at Phosphatidylinositol (4,5) Bisphosphate-Containing Lipid Rafts and Increases Viral Production in 293T Cells. <i>PLoS ONE</i> , 2009, 4, e5020.	2.5	34

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37	Interferon- $\beta$ Decreases Cell Surface Expression of Galactosyl Ceramide, the Receptor for HIV-1 GP120 on Human Colonic Epithelial Cells. <i>Virology</i> , 1994, 204, 550-557.	2.4	30
38	Rapid Progression to Simian AIDS Can Be Accompanied by Selection of CD4-Independent gp120 Variants with Impaired Ability To Bind CD4. <i>Journal of Virology</i> , 2002, 76, 7903-7909.	3.4	30
39	Analysis of the Intracellular Transport Properties of Recombinant La Crosse Virus Glycoproteins. <i>Virology</i> , 1996, 220, 485-490.	2.4	27
40	Entry of Human Immunodeficiency Virus-1 Into Glial Cells Proceeds via an Alternate, Efficient Pathway. <i>Journal of Leukocyte Biology</i> , 1991, 49, 605-609.	3.3	26
41	Murine leukemia virus pseudotypes of La Crosse and Hantaan Bunyaviruses: a system for analysis of cell tropism. <i>Virus Research</i> , 1999, 64, 23-32.	2.2	26
42	La Crosse virus (LACV) Gc fusion peptide mutants have impaired growth and fusion phenotypes, but remain neurotoxic. <i>Virology</i> , 2010, 404, 139-147.	2.4	24
43	Interactions between HIV-1 gp120, chemokines, and cultured adult microglial cells. <i>Journal of NeuroVirology</i> , 2001, 7, 196-207.	2.1	21
44	California Serogroup Viruses. , 1989, , 43-68.		20
45	Infection of cultured human adrenal cells by different strains of HIV. <i>Aids</i> , 1992, 6, 1437-1444.	2.2	19
46	Interaction with CD4 and Antibodies to CD4-Induced Epitopes of the Envelope gp120 from a Microglial Cell-Adapted Human Immunodeficiency Virus Type 1 Isolate. <i>Journal of Virology</i> , 2005, 79, 6703-6713.	3.4	18
47	Simian immunodeficiency virus envelope compartmentalizes in brain regions independent of neuropathology. <i>Journal of NeuroVirology</i> , 2006, 12, 73-89.	2.1	18
48	Genetics, infectivity and virulence of California serogroup viruses. <i>Virus Research</i> , 1992, 24, 123-135.	2.2	17
49	Pathogenesis of HIV Encephalopathy. <i>Annals of the New York Academy of Sciences</i> , 1994, 724, 87-106.	3.8	17
50	Low-level HIV replication in mixed glial cultures is associated with alterations in the processing of p55Gag. <i>Virology</i> , 2004, 325, 328-339.	2.4	17
51	Biological studies of the fusion function of California serogroup Bunyaviruses. <i>Microbial Pathogenesis</i> , 1986, 1, 491-501.	2.9	15
52	Efavirenz Is a Potent Nonnucleoside Reverse Transcriptase Inhibitor of HIV Type 1 Replication in Microglial Vitro. <i>AIDS Research and Human Retroviruses</i> , 2000, 16, 1527-1537.	1.1	15
53	Endogenous retroviruses and multiple sclerosis. <i>Annals of Neurology</i> , 2001, 50, 429-430.	5.3	15
54	Retroviruses and the Nervous System. , 1995, , 409-490.		14

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55	Pathogenesis of Diseases Caused by Viruses of the Bunyavirus Genus. , 1996, , 227-251.		9
56	Pathogenesis of Human Immunodeficiency Virus-Induced Neurological Disease. Journal of NeuroVirology, 2003, 9, 222-227.	2.1	9
57	The Bunyaviridae. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2014, 123, 449-463.	1.8	8
58	Intrathecal Humoral Responses Are Inversely Associated with the Frequency of Simian Immunodeficiency Virus Macrophage-Tropic Variants in the Central Nervous System. Journal of Virology, 2009, 83, 8282-8288.	3.4	6
59	Human Immunodeficiency Virus-Associated Distal Sensory Polyneuropathy. Archives of Neurology, 2010, 67, 534-5.	4.5	6
60	Genetic determinants controlling HIV-1 tropism for CD4 <sup>hi</sup> /GalCer <sup>+</sup> human intestinal epithelial cells. Journal of Computer - Aided Molecular Design, 1996, 5, 161-168.	1.0	5
61	Targeted Mutations in the Fusion Peptide Region of La Crosse Virus Attenuate Neuroinvasion and Confer Protection against Encephalitis. Viruses, 2022, 14, 1464.	3.3	5
62	HIV-1 infection of a CD4-negative primary cell type: The oligodendrocyte. Journal of Computer - Aided Molecular Design, 1996, 5, 43-50.	1.0	2