SÃ©bastien Nisole

List of Publications by Year
in descending order

65 papers	4,689 citations	172457 29 h-index	118850 62 g-index
76 all docs	76 docs citations	76 times ranked	5803 citing authors

#	Article	IF	Citations
1	Usutu Virus escapes langerin-induced restriction to productively infect human Langerhans cells, unlike West Nile virus. Emerging Microbes and Infections, 2022, 11, 761-774.	6.5	4
2	Identification of DAXX as a restriction factor of SARS-CoV-2 through a CRISPR/Cas9 screen. Nature Communications, 2022, 13, 2442.	12.8	25
3	Identifying enhancers of innate immune signaling as broad-spectrum antivirals active against emerging viruses. Cell Chemical Biology, 2022, 29, 1113-1125.e6.	5.2	10
4	Measuring the subcellular compartmentalization of viral infections by protein complementation assay. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	2
5	SARS-CoV-2 Triggers an MDA-5-Dependent Interferon Response Which Is Unable To Control Replication in Lung Epithelial Cells. Journal of Virology, 2021, 95, .	3.4	168
6	Alarmin S100A9 restricts retroviral infection by limiting reverse transcription in human dendritic cells. EMBO Journal, 2021, 40, e106540.	7.8	12
7	Regulation of Viral Restriction by Post-Translational Modifications. Viruses, 2021, 13, 2197.	3.3	8
8	Cerpegin-derived furo[3,4-c]pyridine-3,4(1H,5H)-diones enhance cellular response to interferons by de novo pyrimidine biosynthesis inhibition. European Journal of Medicinal Chemistry, 2020, 186, 111855.	5.5	13
9	Langerin (CD207) represents a novel interferon-stimulated gene in Langerhans cells. Cellular and Molecular Immunology, 2020, 17, 547-549.	10.5	9
10	Zika Virus Infection Promotes Local Inflammation, Cell Adhesion Molecule Upregulation, and Leukocyte Recruitment at the Blood-Brain Barrier. MBio, 2020, 11, .	4.1	40
11	Interplay between SARS-CoV-2 and the type I interferon response. PLoS Pathogens, 2020, 16, e1008737.	4.7	406
12	Modulation of innate immune signaling by a <i>Coxiella burnetii</i> eukaryotic-like effector protein. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 13708-13718.	7.1	26
13	West Nile Virus Restriction in Mosquito and Human Cells: A Virus under Confinement. Vaccines, 2020, 8, 256.	4.4	13
14	Daxx Inhibits HIV-1 Reverse Transcription and Uncoating in a SUMO-Dependent Manner. Viruses, 2020, 12, 636.	3.3	10
15	Control of TLR7-mediated type I IFN signaling in pDCs through CXCR4 engagementâ€"A new target for lupus treatment. Science Advances, 2019, 5, eaav9019.	10.3	34
16	Transportin-1 binds to the HIV-1 capsid via a nuclear localization signal and triggers uncoating. Nature Microbiology, 2019, 4, 1840-1850.	13.3	76
17	TRIM8 is required for virus-induced IFN response in human plasmacytoid dendritic cells. Science Advances, 2019, 5, eaax3511.	10.3	40
18	Identification of Primary Natural Killer Cell Modulators by Chemical Library Screening with a Luciferase-Based Functional Assay. SLAS Discovery, 2019, 24, 25-37.	2.7	10

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19	RanBP2 regulates the anti-retroviral activity of TRIM5Î± by SUMOylation at a predicted phosphorylated SUMOylation motif. Communications Biology, 2018, 1, 193.	4.4	16
20	TRIM Protein Family and Viral Restriction. , 2018, , 2062-2068.		0
21	Natural amines inhibit activation of human plasmacytoid dendritic cells through CXCR4 engagement. Nature Communications, 2017, 8, 14253.	12.8	33
22	Original Chemical Series of Pyrimidine Biosynthesis Inhibitors That Boost the Antiviral Interferon Response. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	21
23	Identification of a small molecule that primes the type I interferon response to cytosolic DNA. Scientific Reports, 2017, 7, 2561.	3.3	15
24	MxA Mediates SUMO-Induced Resistance to Vesicular Stomatitis Virus. Journal of Virology, 2016, 90, 6598-6610.	3.4	17
25	An efficient method for gene silencing in human primary plasmacytoid dendritic cells: silencing of the TLR7/IRF-7 pathway as a proof of concept. Scientific Reports, 2016, 6, 29891.	3.3	23
26	Endogenous TRIM5Î± Function Is Regulated by SUMOylation and Nuclear Sequestration for Efficient Innate Sensing in Dendritic Cells. Cell Reports, 2016, 14, 355-369.	6.4	31
27	Daxx, a broad-spectrum viral restriction factor. Virologie, 2016, 20, 261-272.	0.1	3
28	ID: 26. Cytokine, 2015, 76, 68.	3.2	0
29	Resistance to Rhabdoviridae Infection and Subversion of Antiviral Responses. Viruses, 2015, 7, 3675-3702.	3.3	26
30	PML/TRIM19-Dependent Inhibition of Retroviral Reverse-Transcription by Daxx. PLoS Pathogens, 2015, 11, e1005280.	4.7	48
31	Small Ubiquitin-like Modifier Alters IFN Response. Journal of Immunology, 2015, 195, 2312-2324.	0.8	42
32	TRIM Protein Family and Viral Restriction. , 2015, , 1-8.		0
33	TRIM5Î± is a SUMO substrate. Retrovirology, 2015, 12, 28.	2.0	17
34	ID: 22. Cytokine, 2015, 76, 67.	3.2	0
35	MxA interacts with and is modified by the SUMOylation machinery. Experimental Cell Research, 2015, 330, 151-163.	2.6	31
36	Implication of PMLIV in Both Intrinsic and Innate Immunity. PLoS Pathogens, 2014, 10, e1003975.	4.7	83

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37	PML control of cytokine signaling. Cytokine and Growth Factor Reviews, 2014, 25, 551-561.	7.2	30
38	Sodium arsenite induces apoptosis and Epsteinâ€"Barr virus reactivation in lymphoblastoid cells. Biochimie, 2014, 107, 247-256.	2.6	9
39	Differential Roles of PML Isoforms. Frontiers in Oncology, 2013, 3, 125.	2.8	135
40	Hyperthermia Stimulates HIV-1 Replication. PLoS Pathogens, 2012, 8, e1002792.	4.7	55
41	HIV-derived vectors for therapy and vaccination against HIV. Vaccine, 2012, 30, 2499-2509.	3.8	29
42	Molecular Insight into How HIV-1 Vpr Protein Impairs Cell Growth through Two Genetically Distinct Pathways. Journal of Biological Chemistry, 2011, 286, 23742-23752.	3.4	13
43	Human TRIM Gene Expression in Response to Interferons. PLoS ONE, 2009, 4, e4894.	2.5	223
44	The CDK Inhibitor p21^{Cip1/WAF1}Is Induced by FcÎ³R Activation and Restricts the Replication of Human Immunodeficiency Virus Type 1 and Related Primate Lentiviruses in Human Macrophages. Journal of Virology, 2009, 83, 12253-12265.	3.4	62
45	The Human Immunodeficiency Virus Type 2 Vpx Protein Usurps the CUL4A-DDB1 ^{DCAF1} Ubiquitin Ligase To Overcome a Postentry Block in Macrophage Infection. Journal of Virology, 2009, 83, 4854-4860.	3.4	111
46	HIV-1 VPR impairs cell growth through the inactivation of two genetically distinct host cell proteins. Retrovirology, 2009, 6, .	2.0	0
47	The HIV-2 Vpx protein usurps the Cul4A-DDB1-DCAF1 ubiquitin ligase to overcome a post-entry block in macrophage infection. Retrovirology, 2009, 6, .	2.0	0
48	The CDK inhibitor p21Cip1/WAF1 is induced by FcÎ³R activation and restricts HIV-1 replication in human macrophages. Retrovirology, 2009, 6, .	2.0	0
49	Implication of TRIMalpha and TRIMCyp in interferon-induced anti-retroviral restriction activities. Retrovirology, 2008, 5, 59.	2.0	60
50	Lack of endogenous TRIM5Î±-mediated restriction in rhesus macaque dendritic cells. Blood, 2008, 112, 3772-3776.	1.4	12
51	Antiviral properties of two trimeric recombinant gp41 proteins. Retrovirology, 2006, 3, 16.	2.0	4
52	TRIM family proteins: retroviral restriction and antiviral defence. Nature Reviews Microbiology, 2005, 3, 799-808.	28.6	628
53	A Single Amino Acid Change in the SPRY Domain of Human Trim5Î± Leads to HIV-1 Restriction. Current Biology, 2005, 15, 73-78.	3.9	365
54	A Trim5-cyclophilin A fusion protein found in owl monkey kidney cells can restrict HIV-1. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 13324-13328.	7.1	280

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55	Trim5Â protein restricts both HIV-1 and murine leukemia virus. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10786-10791.	7.1	410
56	Early steps of retrovirus replicative cycle. Retrovirology, 2004, 1, 9.	2.0	139
57	The Anti-HIV Pentameric Pseudopeptide HB-19 Binds the C-terminal End of Nucleolin and Prevents Anchorage of Virus Particles in the Plasma Membrane of Target Cells. Journal of Biological Chemistry, 2002, 277, 20877-20886.	3.4	80
58	The Anti-HIV Cytokine Midkine Binds the Cell Surface-expressed Nucleolin as a Low Affinity Receptor. Journal of Biological Chemistry, 2002, 277, 37492-37502.	3.4	124
59	Anchorage of HIV on Permissive Cells Leads to Coaggregation of Viral Particles with Surface Nucleolin at Membrane Raft Microdomains. Experimental Cell Research, 2002, 276, 155-173.	2.6	70
60	Inhibition of HIV Infection by the Cytokine Midkine. Virology, 2001, 281, 248-264.	2.4	49
61	The HB-19 Pseudopeptide 5[Kpsi(CH2N)PR]-TASP Inhibits Attachment of T Lymphocyte- and Macrophage-Tropic HIV to Permissive Cells. AIDS Research and Human Retroviruses, 2000, 16, 237-249.	1.1	25
62	The Cell-Surface-Expressed Nucleolin Is Associated with the Actin Cytoskeleton. Experimental Cell Research, 2000, 261, 312-328.	2.6	209
63	The V3 Loop-Mimicking Pseudopeptide 5[K psi(CH2N)PR]- TASP Inhibits HIV Infection in Primary Macrophage Cultures. AIDS Research and Human Retroviruses, 1999, 15, 381-390.	1.1	17
64	The Anti-HIV Pseudopeptide HB-19 Forms a Complex with the Cell-surface-expressed Nucleolin Independent of Heparan Sulfate Proteoglycans. Journal of Biological Chemistry, 1999, 274, 27875-27884.	3.4	71
65	Spontaneous Mutations in the env Gene of the Human Immunodeficiency Virus Type 1 NDK Isolate Are Associated with a CD4-Independent Entry Phenotype. Journal of Virology, 1998, 72, 512-519.	3.4	147