Olivier Schwartz

List of Publications by Year
in descending order

259	34,112	5248	4870
papers	citations	83 h-index	168 g-index

316	316	316	40622
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A SARS-CoV-2 protein interaction map reveals targets for drug repurposing. Nature, 2020, 583, 459-468.	13.7	3,542
2	Reduced sensitivity of SARS-CoV-2 variant Delta to antibody neutralization. Nature, 2021, 596, 276-280.	13.7	1,803
3	The CXC chemokine SDF-1 is the ligand for LESTR/fusin and prevents infection by T-cell-line-adapted HIV-1. Nature, 1996, 382, 833-835.	13.7	1,662
4	SAMHD1 is the dendritic- and myeloid-cell-specific HIV-1 restriction factor counteracted by Vpx. Nature, 2011, 474, 654-657.	13.7	1,330
5	Considerable escape of SARS-CoV-2 Omicron to antibody neutralization. Nature, 2022, 602, 671-675.	13.7	1,202
6	Endocytosis of major histocompatibility complex class I molecules is induced by the HIVâ€“1 Nef protein. Nature Medicine, 1996, 2, 338-342.	15.2	968
7	IgA dominates the early neutralizing antibody response to SARS-CoV-2. Science Translational Medicine, 2021, 13, .	5.8	840
8	Sensitivity of infectious SARS-CoV-2 B.1.1.7 and B.1.351 variants to neutralizing antibodies. Nature Medicine, 2021, 27, 917-924.	15.2	617
9	DC-SIGN Is the Major Mycobacterium tuberculosis Receptor on Human Dendritic Cells. Journal of Experimental Medicine, 2003, 197, 121-127.	4.2	587
10	Biology and pathogenesis of chikungunya virus. Nature Reviews Microbiology, 2010, 8, 491-500.	13.6	570
11	HIV Coreceptor Downregulation as Antiviral Principle: SDF-1Î±â€“dependent Internalization of the Chemokine Receptor CXCR4 Contributes to Inhibition of HIV Replication. Journal of Experimental Medicine, 1997, 186, 139-146.	4.2	557
12	Dendriticâ€cellâ€specific ICAM3â€grabbing nonâ€integrin is essential for the productive infection of human dendritic cells by mosquitoâ€cellâ€derived dengue viruses. EMBO Reports, 2003, 4, 723-728.	2.0	436
13	The TIM and TAM Families of Phosphatidylserine Receptors Mediate Dengue Virus Entry. Cell Host and Microbe, 2012, 12, 544-557.	5.1	416
14	Characterization of Reemerging Chikungunya Virus. PLoS Pathogens, 2007, 3, e89.	2.1	401
15	Axl Mediates ZIKA Virus Entry in Human Glial Cells and Modulates Innate Immune Responses. Cell Reports, 2017, 18, 324-333.	2.9	361
16	Syncytia formation by SARSâ€CoVâ€2â€infected cells. EMBO Journal, 2020, 39, e106267.	3.5	361
17	Nef Interacts with the Î¼ Subunit of Clathrin Adaptor Complexes and Reveals a Cryptic Sorting Signal in MHC I Molecules. Immunity, 1998, 8, 483-495.	6.6	360
18	DC-SIGN and L-SIGN Are High Affinity Binding Receptors for Hepatitis C Virus Glycoprotein E2. Journal of Biological Chemistry, 2003, 278, 20358-20366.	1.6	319

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19	APOBEC3G cytidine deaminase inhibits retrotransposition of endogenous retroviruses. Nature, 2005, 433, 430-433.	13.7	308
20	SAMHD1 restricts HIV-1 reverse transcription in quiescent CD4+T-cells. Retrovirology, 2012, 9, 87.	0.9	302
21	Inefficient Human Immunodeficiency Virus Replication in Mobile Lymphocytes. Journal of Virology, 2007, 81, 1000-1012.	1.5	289
22	Human immunodeficiency virus type 1 Nef increases the efficiency of reverse transcription in the infected cell. Journal of Virology, 1995, 69, 4053-4059.	1.5	267
23	Type I IFN controls chikungunya virus via its action on nonhematopoietic cells. Journal of Experimental Medicine, 2010, 207, 429-442.	4.2	262
24	Human Immunodeficiency Virus Type 1 Entry into Macrophages Mediated by Macropinocytosis. Journal of Virology, 2001, 75, 11166-11177.	1.5	253
25	Human Immunodeficiency Virus-1 Inhibition of Immunoamphisomes in Dendritic Cells Impairs Early Innate and Adaptive Immune Responses. Immunity, 2010, 32, 654-669.	6.6	249
26	Antigen Crosspresentation by Human Plasmacytoid Dendritic Cells. Immunity, 2007, 27, 481-492.	6.6	248
27	HIV-1 suppression and durable control by combining single broadly neutralizing antibodies and antiretroviral drugs in humanized mice. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16538-16543.	3.3	247
28	Human Muscle Satellite Cells as Targets of Chikungunya Virus Infection. PLoS ONE, 2007, 2, e527.	1.1	245
29	Serum neutralization of SARS-CoV-2 Omicron sublineages BA.1 and BA.2 in patients receiving monoclonal antibodies. Nature Medicine, 2022, 28, 1297-1302.	15.2	235
30	A comparison of four serological assays for detecting antiâ€“SARS-CoV-2 antibodies in human serum samples from different populations. Science Translational Medicine, 2020, 12, .	5.8	228
31	CD32a is a marker of a CD4 T-cell HIV reservoir harbouring replication-competent proviruses. Nature, 2017, 543, 564-567.	13.7	224
32	HIV-1 Nef impairs MHC class II antigen presentation and surface expression. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 12144-12149.	3.3	220
33	Simultaneous Cell-to-Cell Transmission of Human Immunodeficiency Virus to Multiple Targets through Polysynapses. Journal of Virology, 2009, 83, 6234-6246.	1.5	207
34	Elimination of HIV-1-infected cells by broadly neutralizing antibodies. Nature Communications, 2016, 7, 10844.	5.8	201
35	Cytosolic Gag p24 as an Index of Productive Entry of Human Immunodeficiency Virus Type 1. Journal of Virology, 1998, 72, 2208-2212.	1.5	194
36	Functional Analysis via Standardized Whole-Blood Stimulation Systems Defines the Boundaries of a Healthy Immune Response to Complex Stimuli. Immunity, 2014, 40, 436-450.	6.6	192

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37	HEXIM1 and NEAT1 Long Non-coding RNA Form a Multi-subunit Complex that Regulates DNA-Mediated Innate Immune Response. Molecular Cell, 2017, 67, 387-399.e5.	4.5	191
38	Sex Differences in Plasmacytoid Dendritic Cell Levels of IRF5 Drive Higher IFN-Î± Production in Women. Journal of Immunology, 2015, 195, 5327-5336.	0.4	186
39	The downregulation of CD4 and MHC-I by primate lentiviruses: a paradigm for the modulation of cell surface receptors. Immunological Reviews, 1999, 168, 51-63.	2.8	185
40	IFITM Proteins Incorporated into HIV-1 Virions Impair Viral Fusion and Spread. Cell Host and Microbe, 2014, 16, 736-747.	5.1	184
41	DC-SIGN promotes exogenous MHC-Iâ€“restricted HIV-1 antigen presentation. Blood, 2004, 103, 2648-2654.	0.6	181
42	Chikungunya virusâ€“induced autophagy delays caspase-dependent cell death. Journal of Experimental Medicine, 2012, 209, 1029-1047.	4.2	181
43	HIV-1 Nef-Induced Upregulation of DC-SIGN in Dendritic Cells Promotes Lymphocyte Clustering and Viral Spread. Immunity, 2002, 16, 145-155.	6.6	176
44	Activation of the lectin DC-SIGN induces an immature dendritic cell phenotype triggering Rho-GTPase activity required for HIV-1 replication. Nature Immunology, 2007, 8, 569-577.	7.0	173
45	Evolution of antibody responses up to 13 months after SARS-CoV-2 infection and risk of reinfection. EBioMedicine, 2021, 71, 103561.	2.7	172
46	Innate Sensing of HIV-Infected Cells. PLoS Pathogens, 2011, 7, e1001284.	2.1	171
47	Human Immunodeficiency Virus Type-1 Infection Impairs the Formation of the Immunological Synapse. Immunity, 2006, 24, 547-561.	6.6	162
48	Real-Time Whole-Body Visualization of Chikungunya Virus Infection and Host Interferon Response in Zebrafish. PLoS Pathogens, 2013, 9, e1003619.	2.1	160
49	SARS-CoV-2 infection induces the dedifferentiation of multiciliated cells and impairs mucociliary clearance. Nature Communications, 2021, 12, 4354.	5.8	154
50	DC-SIGN Induction in Alveolar Macrophages Defines Privileged Target Host Cells for Mycobacteria in Patients with Tuberculosis. PLoS Medicine, 2005, 2, e381.	3.9	153
51	Drug-induced phospholipidosis confounds drug repurposing for SARS-CoV-2. Science, 2021, 373, 541-547.	6.0	148
52	Broadly neutralizing antibodies that inhibit HIV-1 cell to cell transmission. Journal of Experimental Medicine, 2013, 210, 2813-2821.	4.2	147
53	Rapid decline of neutralizing antibodies against SARS-CoV-2 among infected healthcare workers. Nature Communications, 2021, 12, 844.	5.8	146
54	MHC-Iâ€“restricted presentation of HIV-1 virion antigens without viral replication. Nature Medicine, 2001, 7, 344-349.	15.2	144

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55	Tetherin Restricts Productive HIV-1 Cell-to-Cell Transmission. PLoS Pathogens, 2010, 6, e1000955.	2.1	141
56	Antiviral Activity of the Proteasome on Incoming Human Immunodeficiency Virus Type 1. Journal of Virology, 1998, 72, 3845-3850.	1.5	140
57	SARSâ€CoVâ€2 Alpha, Beta, and Delta variants display enhanced Spikeâ€mediated syncytia formation. EMBO Journal, 2021, 40, e108944.	3.5	139
58	Human T-cell leukemia virus type 1 p8 protein increases cellular conduits and virus transmission. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 20738-20743.	3.3	136
59	Covert Human Immunodeficiency Virus Replication in Dendritic Cells and in DC-SIGN-Expressing Cells Promotes Long-Term Transmission to Lymphocytes. Journal of Virology, 2005, 79, 5386-5399.	1.5	130
60	Restriction of Foamy Viruses by APOBEC Cytidine Deaminases. Journal of Virology, 2006, 80, 605-614.	1.5	126
61	Quantitative characterization of extracellular vesicle uptake and content delivery within mammalian cells. Nature Communications, 2021, 12, 1864.	5.8	126
62	Dendritic cells and HIV-specific CD4+ T cells: HIV antigen presentation, T-cell activation, and viral transfer. Blood, 2006, 108, 1643-1651.	0.6	122
63	A microtransfection method using the luciferase-encoding reporter gene for the assay of human immunodeficiency virus LTR promoter activity. Gene, 1990, 88, 197-205.	1.0	121
64	Modulation of the immunological synapse: a key to HIV-1 pathogenesis?. Nature Reviews Immunology, 2007, 7, 310-317.	10.6	121
65	Zika virus induces massive cytoplasmic vacuolization and paraptosisâ€like death in infected cells. EMBO Journal, 2017, 36, 1653-1668.	3.5	118
66	Complications of K-wire fixation of fractures and dislocations in the hand and wrist. Archives of Orthopaedic and Trauma Surgery, 2001, 121, 527-530.	1.3	117
67	HIV-1 Buds and Accumulates in â€œNonacidicâ€•Endosomes of Macrophages. Cell Host and Microbe, 2007, 2, 85-95.	5.1	116
68	A Rapid and Simple Colorimetric Test for the Study of Anti-HIV Agents. AIDS Research and Human Retroviruses, 1988, 4, 441-448.	0.5	113
69	Production and Neurotropism of Lentivirus Vectors Pseudotyped with Lyssavirus Envelope Glycoproteins. Molecular Therapy, 2001, 4, 149-156.	3.7	113
70	Dual inhibitory effects of APOBEC family proteins on retrotransposition of mammalian endogenous retroviruses. Nucleic Acids Research, 2006, 34, 1522-1531.	6.5	111
71	IFITM proteins inhibit placental syncytiotrophoblast formation and promote fetal demise. Science, 2019, 365, 176-180.	6.0	111
72	ZAP-70 kinase regulates HIV cell-to-cell spread and virological synapse formation. EMBO Journal, 2007, 26, 516-526.	3.5	110

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73	Distinct systemic and mucosal immune responses during acute SARS-CoV-2 infection. Nature Immunology, 2021, 22, 1428-1439.	7.0	110
74	Extracellular vesicles containing ACE2 efficiently prevent infection by SARSâ€CoVâ€2 Spike proteinâ€containing virus. Journal of Extracellular Vesicles, 2020, 10, e12050.	5.5	106
75	More than meets the I: the diverse antiviral and cellular functions of interferon-induced transmembrane proteins. Retrovirology, 2017, 14, 53.	0.9	105
76	Respiratory Syncytial Virus Infects Regulatory B Cells in Human Neonates via Chemokine Receptor CX3CR1 and Promotes Lung Disease Severity. Immunity, 2017, 46, 301-314.	6.6	102
77	Serologic responses to SARS-CoV-2 infection among hospital staff with mild disease in eastern France. EBioMedicine, 2020, 59, 102915.	2.7	101
78	<scp>IFITM</scp> 3 requires an amphipathic helix for antiviral activity. EMBO Reports, 2017, 18, 1740-1751.	2.0	99
79	Hyperbaric oxygen therapy as a treatment for stage-I avascular necrosis of the femoral head. Journal of Bone and Joint Surgery: British Volume, 2003, 85-B, 371-375.	3.4	97
80	Deciphering the molecular bases of Mycobacterium tuberculosis binding to the lectin DC-SIGN reveals an underestimated complexity. Biochemical Journal, 2005, 392, 615-624.	1.7	96
81	Functional characterization of HIV-1 Nef mutants in the context of viral infection. Virology, 2006, 351, 322-339.	1.1	93
82	Natural mutations in <scp>IFITM</scp>3 modulate postâ€translational regulation and toggle antiviral specificity. EMBO Reports, 2016, 17, 1657-1671.	2.0	93
83	Impairment of T Cell Receptor-Dependent Stimulation in CD4+ Lymphocytes after Contact with Membrane-Bound HIV-1 Envelope Glycoprotein. Virology, 1994, 198, 360-365.	1.1	92
84	The Mechanism and Consequences of SARS-CoV-2 Spike-Mediated Fusion and Syncytia Formation. Journal of Molecular Biology, 2022, 434, 167280.	2.0	92
85	Binding of HIV-1 Nef to a Novel Thioesterase Enzyme Correlates with Nef-mediated CD4 Down-regulation. Journal of Biological Chemistry, 1997, 272, 13779-13785.	1.6	88
86	Considerable escape of SARS-CoV-2 Omicron to antibody neutralization. Nature, 0, , .	13.7	88
87	Mutation of a Conserved Residue (D123) Required for Oligomerization of Human Immunodeficiency Virus Type 1 Nef Protein Abolishes Interaction with Human Thioesterase and Results in Impairment of Nef Biological Functions. Journal of Virology, 2000, 74, 5310-5319.	1.5	87
88	Distinct Trafficking Pathways Mediate Nef-Induced and Clathrin-Dependent Major Histocompatibility Complex Class I Down-Regulation. Journal of Virology, 2000, 74, 9256-9266.	1.5	87
89	A novel pathway down-modulating T cell activation involves HPK-1â€“dependent recruitment of 14-3-3 proteins on SLP-76. Journal of Experimental Medicine, 2007, 204, 681-691.	4.2	87
90	The antiviral factor APOBEC3G improves CTL recognition of cultured HIV-infected T cells. Journal of Experimental Medicine, 2010, 207, 39-49.	4.2	86

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91	HIV-1 Vpr degrades the HLTF DNA translocase in T cells and macrophages. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5311-5316.	3.3	86
92	Lipophilic glycosyl phosphotriester derivatives of AZT: synthesis, NMR transmembrane transport study and antiviral activity. Journal of Medicinal Chemistry, 1991, 34, 1830-1837.	2.9	84
93	Human immunodeficiency virus type 1 Nef induces accumulation of CD4 in early endosomes. Journal of Virology, 1995, 69, 528-533.	1.5	83
94	Towards SARS-CoV-2 serotypes?. Nature Reviews Microbiology, 2022, 20, 187-188.	13.6	81
95	The Karyophilic Properties of Human Immunodeficiency Virus Type 1 Integrase Are Not Required for Nuclear Import of Proviral DNA. Journal of Virology, 2000, 74, 7119-7126.	1.5	78
96	The Phosphatidylserine and Phosphatidylethanolamine Receptor CD300a Binds Dengue Virus and Enhances Infection. Journal of Virology, 2016, 90, 92-102.	1.5	78
97	A human immune system mouse model with robust lymph node development. Nature Methods, 2018, 15, 623-630.	9.0	78
98	Extensive editing of a small fraction of human T-cell leukemia virus type 1 genomes by four APOBEC3 cytidine deaminases. Journal of General Virology, 2005, 86, 2489-2494.	1.3	77
99	HIV-1 Nef Inhibits Ruffles, Induces Filopodia, and Modulates Migration of Infected Lymphocytes. Journal of Virology, 2010, 84, 2282-2293.	1.5	77
100	Contrasted Innate Responses to Two Viruses in Zebrafish: Insights into the Ancestral Repertoire of Vertebrate IFN-Stimulated Genes. Journal of Immunology, 2014, 192, 4328-4341.	0.4	77
101	Identification of Cryptic MHC Iâ€“restricted Epitopes Encoded by HIV-1 Alternative Reading Frames. Journal of Experimental Medicine, 2004, 199, 1053-1063.	4.2	76
102	Cutting Edge: Independent Roles for IRF-3 and IRF-7 in Hematopoietic and Nonhematopoietic Cells during Host Response to Chikungunya Infection. Journal of Immunology, 2012, 188, 2967-2971.	0.4	76
103	Pediatric Measles Vaccine Expressing a Dengue Antigen Induces Durable Serotype-specific Neutralizing Antibodies to Dengue Virus. PLoS Neglected Tropical Diseases, 2007, 1, e96.	1.3	75
104	TIM-1ÂUbiquitination Mediates Dengue Virus Entry. Cell Reports, 2018, 23, 1779-1793.	2.9	75
105	Oligomerization within Virions and Subcellular Localization of Human Immunodeficiency Virus Type 1 Integrase. Journal of Virology, 1999, 73, 5079-5088.	1.5	74
106	Reduced cell surface expression of processed human immunodeficiency virus type 1 envelope glycoprotein in the presence of Nef. Journal of Virology, 1993, 67, 3274-3280.	1.5	72
107	The Milieu IntÃ©rieur study â€" An integrative approach for study of human immunological variance. Clinical Immunology, 2015, 157, 277-293.	1.4	71
108	The Human Polycomb Group EED Protein Interacts with the Integrase of Human Immunodeficiency Virus Type 1. Journal of Virology, 2003, 77, 12507-12522.	1.5	69

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109	SARS-CoV-2 infection in schools in a northern French city: a retrospective serological cohort study in an area of high transmission, France, January to April 2020. Eurosurveillance, 2021, 26, .	3.9	69
110	Nef Is Required for Efficient HIV-1 Replication in Cocultures of Dendritic Cells and Lymphocytes. Virology, 2001, 286, 225-236.	1.1	68
111	Sex Differences in the Evolution of Neutralizing Antibodies to Severe Acute Respiratory Syndrome Coronavirus 2. Journal of Infectious Diseases, 2021, 224, 983-988.	1.9	65
112	Ultrasensitive HIV-1 p24 Assay Detects Single Infected Cells and Differences in Reservoir Induction by Latency Reversal Agents. Journal of Virology, 2017, 91, .	1.5	64
113	Asymptomatic and symptomatic SARS-CoV-2 infections elicit polyfunctional antibodies. Cell Reports Medicine, 2021, 2, 100275.	3.3	64
114	Identification of Novel Compounds Inhibiting Chikungunya Virus-Induced Cell Death by High Throughput Screening of a Kinase Inhibitor Library. PLoS Neglected Tropical Diseases, 2013, 7, e2471.	1.3	63
115	Lack of ADCC Breadth of Human Nonneutralizing Anti-HIV-1 Antibodies. Journal of Virology, 2017, 91, .	1.5	63
116	Remodeling of the Core Leads HIV-1 Preintegration Complex into the Nucleus of Human Lymphocytes. Journal of Virology, 2020, 94, .	1.5	62
117	Transcytosis of HTLV-1 across a tight human epithelial barrier and infection of subepithelial dendritic cells. Blood, 2012, 120, 572-580.	0.6	60
118	Subcapsular sinus macrophages promote NK cell accumulation and activation in response to lymph-borne viral particles. Blood, 2012, 120, 4744-4750.	0.6	60
119	Associations between consumption of dietary fibers and the risk of cardiovascular diseases, cancers, type 2 diabetes, and mortality in the prospective NutriNet-SantÃ© cohort. American Journal of Clinical Nutrition, 2020, 112, 195-207.	2.2	60
120	Partial Inhibition of Human Immunodeficiency Virus Replication by Type I Interferons: Impact of Cell-to-Cell Viral Transfer. Journal of Virology, 2009, 83, 10527-10537.	1.5	58
121	Restricting HIV the SAMHD1 way: through nucleotide starvation. Nature Reviews Microbiology, 2012, 10, 675-680.	13.6	58
122	The Core Lipopolysaccharide of Escherichia coli Is a Ligand for the Dendritic-Cell-Specific Intercellular Adhesion Molecule Nonintegrin CD209 Receptor. Journal of Bacteriology, 2005, 187, 1710-1715.	1.0	57
123	Human Dendritic Cell-Specific Intercellular Adhesion Molecule-Grabbing Nonintegrin (CD209) Is a Receptor forYersinia pestisThat Promotes Phagocytosis by Dendritic Cells. Infection and Immunity, 2008, 76, 2070-2079.	1.0	56
124	Structural Basis for Broad HIV-1 Neutralization by the MPER-Specific Human Broadly Neutralizing Antibody LN01. Cell Host and Microbe, 2019, 26, 623-637.e8.	5.1	56
125	Hyperthermia Stimulates HIV-1 Replication. PLoS Pathogens, 2012, 8, e1002792.	2.1	55
126	DC-SIGN Facilitates Fusion of Dendritic Cells with Human T-Cell Leukemia Virus Type 1-Infected Cells. Journal of Virology, 2006, 80, 4771-4780.	1.5	54

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127	SAMHD1 Restricts HIV-1 Cell-to-Cell Transmission and Limits Immune Detection in Monocyte-Derived Dendritic Cells. Journal of Virology, 2013, 87, 2846-2856.	1.5	54
128	HIV escape from natural killer cytotoxicity: nef inhibits NKp44L expression on CD4+ T cells. Aids, 2009, 23, 1077-1087.	1.0	52
129	HIV Cell-to-Cell Transmission Requires the Production of Infectious Virus Particles and Does Not Proceed through Env-Mediated Fusion Pores. Journal of Virology, 2012, 86, 3924-3933.	1.5	51
130	Opposite Effects of SDF-1 on Human Immunodeficiency Virus Type 1 Replication. Journal of Virology, 1999, 73, 3608-3615.	1.5	51
131	Human Immunodeficiency Virus Type I Nef Independently Affects Virion Incorporation of Major Histocompatibility Complex Class I Molecules and Virus Infectivity. Virology, 1997, 229, 295-301.	1.1	50
132	Viral entry route determines how human plasmacytoid dendritic cells produce type I interferons. Science Signaling, 2015, 8, ra25.	1.6	50
133	Automated Genome-Wide Visual Profiling of Cellular Proteins Involved in HIV Infection. Journal of Biomolecular Screening, 2011, 16, 945-958.	2.6	49
134	STING orchestrates the crosstalk between polyunsaturated fatty acid metabolism and inflammatory responses. Cell Metabolism, 2022, 34, 125-139.e8.	7.2	49
135	Nef-Induced CD4 Downregulation: a Diacidic Sequence in Human Immunodeficiency Virus Type 1 Nef Does Not Function as a Protein Sorting Motif through Direct Binding to Î²-COP. Journal of Virology, 2001, 75, 3971-3976.	1.5	48
136	They Might Be Giants: Does Syncytium Formation Sink or Spread HIV Infection?. PLoS Pathogens, 2017, 13, e1006099.	2.1	48
137	DC-SIGN (CD209) recognition of Neisseria gonorrhoeae is circumvented by lipooligosaccharide variation. Journal of Leukocyte Biology, 2006, 79, 731-738.	1.5	47
138	HIV-Infected Dendritic Cells Present Endogenous MHC Class IIâ€“Restricted Antigens to HIV-Specific CD4+ T Cells. Journal of Immunology, 2016, 197, 517-532.	0.4	46
139	Conformational Plasticity in Broadly Neutralizing HIV-1 Antibodies Triggers Polyreactivity. Cell Reports, 2018, 23, 2568-2581.	2.9	46
140	A fourth dose of the mRNA-1273 SARS-CoV-2 vaccine improves serum neutralization against the Delta variant in kidney transplant recipients. Kidney International, 2022, 101, 1073-1076.	2.6	44
141	HIV-1 cell-to-cell transmission and broadly neutralizing antibodies. Retrovirology, 2018, 15, 51.	0.9	43
142	Live attenuated measles vaccine expressing HIV-1 Gag virus like particles covered with gp160Î”V1V2 is strongly immunogenic. Virology, 2009, 388, 191-203.	1.1	42
143	SUN2 Overexpression Deforms Nuclear Shape and Inhibits HIV. Journal of Virology, 2016, 90, 4199-4214.	1.5	42
144	HIV-1 Virological Synapse: Live Imaging of Transmission. Viruses, 2010, 2, 1666-1680.	1.5	40

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145	Chikungunya-induced cell death is limited by ER and oxidative stress-induced autophagy. Autophagy, 2012, 8, 1261-1263.	4.3	40
146	Low SAMHD1 expression following T-cell activation and proliferation renders CD4+ T cells susceptible to HIV-1. Aids, 2015, 29, 519-530.	1.0	40
147	Immunogenicity of BNT162b2 vaccine against the Alpha and Delta variants in immunocompromised patients with systemic inflammatory diseases. Annals of the Rheumatic Diseases, 2022, 81, 720-728.	0.5	39
148	Preclinical Studies of a Modified Vaccinia Virus Ankara-Based HIV Candidate Vaccine: Antigen Presentation and Antiviral Effect. Journal of Virology, 2010, 84, 5314-5328.	1.5	38
149	Inhibition of mTORC1 Enhances the Translation of Chikungunya Proteins via the Activation of the MnK/eIF4E Pathway. PLoS Pathogens, 2015, 11, e1005091.	2.1	38
150	A monocyte/dendritic cell molecular signature of SARS-CoV-2-related multisystem inflammatory syndrome in children with severe myocarditis. Med, 2021, 2, 1072-1092.e7.	2.2	38
151	Enhanced Presentation of Major Histocompatibility Complex Class I-Restricted Human Immunodeficiency Virus Type 1 (HIV-1) Gag-Specific Epitopes after DNA Immunization with Vectors Coding for Vesicular Stomatitis Virus Glycoprotein- Pseudotyped HIV-1 Gag Particles. Journal of Virology, 2002, 76, 7544-7553.	1.5	37
152	The Effects of HIV-1 Nef on CD4 Surface Expression and Viral Infectivity in Lymphoid Cells Are Independent of Rafts. Journal of Biological Chemistry, 2004, 279, 31398-31408.	1.6	37
153	Inhibition of Human Immunodeficiency Virus Type 1 Env-Mediated Fusion by DC-SIGN. Journal of Virology, 2003, 77, 5313-5323.	1.5	36
154	Distinct Characteristics of Endometrial and Decidual Macrophages and Regulation of Their Permissivity to HIV-1 Infection by SAMHD1. Journal of Virology, 2015, 89, 1329-1339.	1.5	35
155	Sera Neutralizing Activities Against Severe Acute Respiratory Syndrome Coronavirus 2 and Multiple Variants 6 Months After Hospitalization for Coronavirus Disease 2019. Clinical Infectious Diseases, 2021, 73, e1337-e1344.	2.9	35
156	Potent human broadly SARS-CoV-2â€“neutralizing IgA and IgG antibodies effective against Omicron BA.1 and BA.2. Journal of Experimental Medicine, 2022, 219, .	4.2	34
157	Natural amines inhibit activation of human plasmacytoid dendritic cells through CXCR4 engagement. Nature Communications, 2017, 8, 14253.	5.8	33
158	Atlastin Endoplasmic Reticulum-Shaping Proteins Facilitate Zika Virus Replication. Journal of Virology, 2019, 93, .	1.5	33
159	Type I interferon response and vascular alteration in chilblainâ€like lesions during the COVIDâ€19 outbreak*. British Journal of Dermatology, 2021, 185, 1176-1185.	1.4	33
160	Kinetics of the Severe Acute Respiratory Syndrome Coronavirus 2 Antibody Response and Serological Estimation of Time Since Infection. Journal of Infectious Diseases, 2021, 224, 1489-1499.	1.9	32
161	Activation Pathways and Human Immunodeficiency Virus Type 1 Replication Are Not Altered in CD4⁺T Cells Expressing thenefProtein. AIDS Research and Human Retroviruses, 1992, 8, 545-551.	0.5	31
162	High-throughput screening using pseudotyped lentiviral particles: A strategy for the identification of HIV-1 inhibitors in a cell-based assay. Antiviral Research, 2009, 81, 239-247.	1.9	30

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163	CTL Escape Mediated by Proteasomal Destruction of an HIV-1 Cryptic Epitope. PLoS Pathogens, 2011, 7, e1002049.	2.1	30
164	A Genome-Wide CRISPR-Cas9 Screen Identifies the Dolichol-Phosphate Mannose Synthase Complex as a Host Dependency Factor for Dengue Virus Infection. Journal of Virology, 2020, 94, .	1.5	30
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