Benhur Lee

List of Publications by Year
in descending order

200 papers	16,482 citations	13099 68 h-index	20961 115 g-index
223 all docs	223 docs citations	223 times ranked	18230 citing authors

#	Article	IF	Citations
1	Loss of furin cleavage site attenuates SARS-CoV-2 pathogenesis. Nature, 2021, 591, 293-299.	27.8	579
2	Interferon-Inducible Cholesterol-25-Hydroxylase Broadly Inhibits Viral Entry by Production of 25-Hydroxycholesterol. Immunity, 2013, 38, 92-105.	14.3	554
3	Quantification of CD4, CCR5, and CXCR4 levels on lymphocyte subsets, dendritic cells, and differentially conditioned monocyte-derived macrophages. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 5215-5220.	7.1	528
4	EphrinB2 is the entry receptor for Nipah virus, an emergent deadly paramyxovirus. Nature, 2005, 436, 401-405.	27.8	434
5	Genome-wide CRISPR Screens Reveal Host Factors Critical for SARS-CoV-2 Infection. Cell, 2021, 184, 76-91.e13.	28.9	418
6	Genetic Acceleration of AIDS Progression by a Promoter Variant of CCR5. , 1998, 282, 1907-1911.		412
7	Epitope Mapping of CCR5 Reveals Multiple Conformational States and Distinct but Overlapping Structures Involved in Chemokine and Coreceptor Function. Journal of Biological Chemistry, 1999, 274, 9617-9626.	3.4	327
8	Utilization of chemokine receptors, orphan receptors, and herpesvirus-encoded receptors by diverse human and simian immunodeficiency viruses. Journal of Virology, 1997, 71, 8999-9007.	3.4	321
9	Constitutive and induced expression of DC-SIGN on dendritic cell and macrophage subpopulations in situ and in vitro. Journal of Leukocyte Biology, 2002, 71, 445-57.	3.3	311
10	DC-SIGNR, a DC-SIGN homologue expressed in endothelial cells, binds to human and simian immunodeficiency viruses and activates infection in trans. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 2670-2675.	7.1	296
11	Microglia Express CCR5, CXCR4, and CCR3, but of These, CCR5 Is the Principal Coreceptor for Human Immunodeficiency Virus Type 1 Dementia Isolates. Journal of Virology, 1999, 73, 205-213.	3.4	293
12	MicroRNA profiling identifies miR-34a and miR-21 and their target genes JAG1 and WNT1 in the coordinate regulation of dendritic cell differentiation. Blood, 2009, 114, 404-414.	1.4	256
13	CD4-independent, CCR5-dependent infection of brain capillary endothelial cells by a neurovirulent simian immunodeficiency virus strain. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 14742-14747.	7.1	251
14	Two Key Residues in EphrinB3 Are Critical for Its Use as an Alternative Receptor for Nipah Virus. PLoS Pathogens, 2006, 2, e7.	4.7	245
15	CCR5 Binds Multiple CC-Chemokines: MCP-3 Acts as a Natural Antagonist. Blood, 1999, 94, 1899-1905.	1.4	234
16	Taxonomy of the order Mononegavirales: update 2019. Archives of Virology, 2019, 164, 1967-1980.	2.1	224
17	Galectin-9 binding to cell surface protein disulfide isomerase regulates the redox environment to enhance T-cell migration and HIV entry. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10650-10655.	7.1	220
18	ICTV Virus Taxonomy Profile: Pneumoviridae. Journal of General Virology, 2017, 98, 2912-2913.	2.9	215

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19	A broad-spectrum antiviral targeting entry of enveloped viruses. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3157-3162.	7.1	214
20	DC-SIGN Interactions with Human Immunodeficiency Virus Type 1 and 2 and Simian Immunodeficiency Virus. Journal of Virology, 2001, 75, 4664-4672.	3.4	210
21	Lentiviral vector retargeting to P-glycoprotein on metastatic melanoma through intravenous injection. Nature Medicine, 2005, 11, 346-352.	30.7	202
22	ICTV Virus Taxonomy Profile: Paramyxoviridae. Journal of General Virology, 2019, 100, 1593-1594.	2.9	194
23	Broad-spectrum antivirals against viral fusion. Nature Reviews Microbiology, 2015, 13, 426-437.	28.6	189
24	2020 taxonomic update for phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. Archives of Virology, 2020, 165, 3023-3072.	2.1	184
25	An Orphan Seven-Transmembrane Domain Receptor Expressed Widely in the Brain Functions as a Coreceptor for Human Immunodeficiency Virus Type 1 and Simian Immunodeficiency Virus. Journal of Virology, 1998, 72, 7934-7940.	3.4	183
26	SARS-CoV-2 proteases PLpro and 3CLpro cleave IRF3 and critical modulators of inflammatory pathways (NLRP12 and TAB1): implications for disease presentation across species. Emerging Microbes and Infections, 2021, 10, 178-195.	6.5	178
27	Taxonomy of the order Mononegavirales: update 2017. Archives of Virology, 2017, 162, 2493-2504.	2.1	173
28	cis Expression of DC-SIGN Allows for More Efficient Entry of Human and Simian Immunodeficiency Viruses via CD4 and a Coreceptor. Journal of Virology, 2001, 75, 12028-12038.	3.4	170
29	N-Glycans on Nipah Virus Fusion Protein Protect against Neutralization but Reduce Membrane Fusion and Viral Entry. Journal of Virology, 2006, 80, 4878-4889.	3.4	168
30	The Soluble Serum Protein Gas6 Bridges Virion Envelope Phosphatidylserine to the TAM Receptor Tyrosine Kinase Axl to Mediate Viral Entry. Cell Host and Microbe, 2011, 9, 286-298.	11.0	165
31	Novel Innate Immune Functions for Galectin-1: Galectin-1 Inhibits Cell Fusion by Nipah Virus Envelope Glycoproteins and Augments Dendritic Cell Secretion of Proinflammatory Cytokines. Journal of Immunology, 2005, 175, 413-420.	0.8	156
32	ISG15 deficiency and increased viral resistance in humans but not mice. Nature Communications, 2016, 7, 11496.	12.8	156
33	Taxonomy of the order Mononegavirales: update 2018. Archives of Virology, 2018, 163, 2283-2294.	2.1	153
34	Evidence for henipavirus spillover into human populations in Africa. Nature Communications, 2014, 5, 5342.	12.8	143
35	Influence of the<i>CCR2-V64I</i>Polymorphism on Human Immunodeficiency Virus Type 1 Coreceptor Activity and on Chemokine Receptor Function of CCR2b, CCR3, CCR5, and CXCR4. Journal of Virology, 1998, 72, 7450-7458.	3.4	138
36	Use of GPR1, GPR15, and STRL33 as Coreceptors by Diverse Human Immunodeficiency Virus Type 1 and Simian Immunodeficiency Virus Envelope Proteins. Virology, 1998, 249, 367-378.	2.4	135

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37	Placental expression of DC-SIGN may mediate intrauterine vertical transmission of HIV. Journal of Pathology, 2001, 195, 586-592.	4.5	135
38	A highly efficient short hairpin RNA potently down-regulates CCR5 expression in systemic lymphoid organs in the hu-BLT mouse model. Blood, 2010, 115, 1534-1544.	1.4	132
39	Palmitoylation of CCR5 Is Critical for Receptor Trafficking and Efficient Activation of Intracellular Signaling Pathways. Journal of Biological Chemistry, 2001, 276, 23795-23804.	3.4	125
40	Comparison of Viral Env Proteins from Acute and Chronic Infections with Subtype C Human Immunodeficiency Virus Type 1 Identifies Differences in Glycosylation and CCR5 Utilization and Suggests a New Strategy for Immunogen Design. Journal of Virology, 2013, 87, 7218-7233.	3.4	119
41	The Impact of Evolving SARS-CoV-2 Mutations and Variants on COVID-19 Vaccines. MBio, 2022, 13, e0297921.	4.1	117
42	Galectin-1-Matured Human Monocyte-Derived Dendritic Cells Have Enhanced Migration through Extracellular Matrix. Journal of Immunology, 2006, 177, 216-226.	0.8	112
43	Ubiquitin-Regulated Nuclear-Cytoplasmic Trafficking of the Nipah Virus Matrix Protein Is Important for Viral Budding. PLoS Pathogens, 2010, 6, e1001186.	4.7	110
44	Human milk oligosaccharides reduce HIV-1-gp120 binding to dendritic cell-specific ICAM3-grabbing non-integrin (DC-SIGN). British Journal of Nutrition, 2009, 101, 482-486.	2.3	109
45	Binding and Transfer of Human Immunodeficiency Virus by DC-SIGN+ Cells in Human Rectal Mucosa. Journal of Virology, 2005, 79, 5762-5773.	3.4	108
46	Extracellular Cysteines of CCR5 Are Required for Chemokine Binding, but Dispensable for HIV-1 Coreceptor Activity. Journal of Biological Chemistry, 1999, 274, 18902-18908.	3.4	104
47	Combined chloroquine and ribavirin treatment does not prevent death in a hamster model of Nipah and Hendra virus infection. Journal of General Virology, 2010, 91, 765-772.	2.9	104
48	Multiple nonfunctional alleles of CCR5 are frequent in various human populations. Blood, 2000, 96, 1638-1645.	1.4	103
49	Favipiravir (T-705) protects against Nipah virus infection in the hamster model. Scientific Reports, 2018, 8, 7604.	3.3	100
50	Elite Suppressorâ€"Derived HIV-1 Envelope Glycoproteins Exhibit Reduced Entry Efficiency and Kinetics. PLoS Pathogens, 2009, 5, e1000377.	4.7	93
51	Quantification of Entry Phenotypes of Macrophage-Tropic HIV-1 across a Wide Range of CD4 Densities. Journal of Virology, 2014, 88, 1858-1869.	3.4	92
52	Polybasic KKR Motif in the Cytoplasmic Tail of Nipah Virus Fusion Protein Modulates Membrane Fusion by Inside-Out Signaling. Journal of Virology, 2007, 81, 4520-4532.	3.4	91
53	Single Amino Acid Changes in the Nipah and Hendra Virus Attachment Glycoproteins Distinguish EphrinB2 from EphrinB3 Usage. Journal of Virology, 2007, 81, 10804-10814.	3.4	91
54	Human Immunodeficiency Virus Envelope (gp120) Binding to DC-SIGN and Primary Dendritic Cells Is Carbohydrate Dependent but Does Not Involve 2G12 or Cyanovirin Binding Sites: Implications for Structural Analyses of gp120-DC-SIGN Binding. Journal of Virology, 2002, 76, 12855-12865.	3.4	90

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55	Modes of paramyxovirus fusion: a Henipavirus perspective. Trends in Microbiology, 2011, 19, 389-399.	7.7	88
56	A Mechanistic Paradigm for Broad-Spectrum Antivirals that Target Virus-Cell Fusion. PLoS Pathogens, 2013, 9, e1003297.	4.7	88
57	Neutralizing activity of Sputnik V vaccine sera against SARS-CoV-2 variants. Nature Communications, 2021, 12, 4598.	12.8	88
58	A Quantitative Affinity-Profiling System That Reveals Distinct CD4/CCR5 Usage Patterns among Human Immunodeficiency Virus Type 1 and Simian Immunodeficiency Virus Strains. Journal of Virology, 2009, 83, 11016-11026.	3.4	84
59	Zoonotic Potential of Emerging Paramyxoviruses. Advances in Virus Research, 2017, 98, 1-55.	2.1	84
60	Coreceptor/Chemokine Receptor Expression on Human Hematopoietic Cells: Biological Implications for Human Immunodeficiency Virusâ€“Type 1 Infection. Blood, 1999, 93, 1145-1156.	1.4	83
61	A Novel Receptor-induced Activation Site in the Nipah Virus Attachment Glycoprotein (G) Involved in Triggering the Fusion Glycoprotein (F). Journal of Biological Chemistry, 2009, 284, 1628-1635.	3.4	83
62	The Matrix Protein of Nipah Virus Targets the E3-Ubiquitin Ligase TRIM6 to Inhibit the IKKÎµ Kinase-Mediated Type-I IFN Antiviral Response. PLoS Pathogens, 2016, 12, e1005880.	4.7	81
63	Expression and coreceptor activity of STRL33/Bonzo on primary peripheral blood lymphocytes. Blood, 2000, 96, 41-49.	1.4	79
64	Galectin-1 Co-clusters CD43/CD45 on Dendritic Cells and Induces Cell Activation and Migration through Syk and Protein Kinase C Signaling. Journal of Biological Chemistry, 2009, 284, 26860-26870.	3.4	78
65	Interferon-Î³ Upregulates CCR5 Expression in Cord and Adult Blood Mononuclear Phagocytes. Blood, 1999, 93, 1137-1144.	1.4	75
66	Development of a neutralization assay for Nipah virus using pseudotype particles. Journal of Virological Methods, 2009, 160, 1-6.	2.1	75
67	Association of RNase mitochondrial RNA processing enzyme with ribonuclease P in higher ordered structures in the nucleolus: a possible coordinate role in ribosome biogenesis.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 11471-11476.	7.1	71
68	HIV-1 Escape from the CCR5 Antagonist Maraviroc Associated with an Altered and Less-Efficient Mechanism of gp120-CCR5 Engagement That Attenuates Macrophage Tropism. Journal of Virology, 2011, 85, 4330-4342.	3.4	70
69	Taxonomy of the order Mononegavirales: second update 2018. Archives of Virology, 2019, 164, 1233-1244.	2.1	70
70	An Intricate Web: Chemokine Receptors, HIVâ€1 and Hematopoiesis. Stem Cells, 1998, 16, 79-88.	3.2	68
71	Transmitted/Founder and Chronic HIV-1 Envelope Proteins Are Distinguished by Differential Utilization of CCR5. Journal of Virology, 2013, 87, 2401-2411.	3.4	66
72	MicrobeÃ¢â,¬â€œHost Interactions are Positively and Negatively Regulated by GalectinÃ¢â,¬â€œGlycan Interactions. Frontiers in Immunology, 2014, 5, 284.	4.8	66

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73	CCR5 Binds Multiple CC-Chemokines: MCP-3 Acts as a Natural Antagonist. Blood, 1999, 94, 1899-1905.	1.4	66
74	Mutational Analysis of Measles Virus Suggests Constraints on Antigenic Variation of the Glycoproteins. Cell Reports, 2015, 11, 1331-1338.	6.4	64
75	Quantifying Absolute Neutralization Titers against SARS-CoV-2 by a Standardized Virus Neutralization Assay Allows for Cross-Cohort Comparisons of COVID-19 Sera. MBio, 2021, 12, .	4.1	64
76	Role of Immunoglobulin M and A Antibodies in the Neutralization of Severe Acute Respiratory Syndrome Coronavirus 2. Journal of Infectious Diseases, 2021, 223, 957-970.	4.0	64
77	Endothelial Galectin-1 Binds to Specific Glycans on Nipah Virus Fusion Protein and Inhibits Maturation, Mobility, and Function to Block Syncytia Formation. PLoS Pathogens, 2010, 6, e1000993.	4.7	62
78	Efficient Reverse Genetics Reveals Genetic Determinants of Budding and Fusogenic Differences between Nipah and Hendra Viruses and Enables Real-Time Monitoring of Viral Spread in Small Animal Models of Henipavirus Infection. Journal of Virology, 2015, 89, 1242-1253.	3.4	62
79	Emergency response for evaluating SARS-CoV-2 immune status, seroprevalence and convalescent plasma in Argentina. PLoS Pathogens, 2021, 17, e1009161.	4.7	62
80	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. Archives of Virology, 2021, 166, 3513-3566.	2.1	62
81	The Rigid Amphipathic Fusion Inhibitor dUY11 Acts through Photosensitization of Viruses. Journal of Virology, 2014, 88, 1849-1853.	3.4	61
82	Evidence for Ubiquitin-Regulated Nuclear and Subnuclear Trafficking among Paramyxovirinae Matrix Proteins. PLoS Pathogens, 2015, 11, e1004739.	4.7	60
83	HIV-1 Resistance to CCR5 Antagonists Associated with Highly Efficient Use of CCR5 and Altered Tropism on Primary CD4 ⁺ T Cells. Journal of Virology, 2010, 84, 6505-6514.	3.4	59
84	Crystal Structure of the Pre-fusion Nipah Virus Fusion Glycoprotein Reveals a Novel Hexamer-of-Trimers Assembly. PLoS Pathogens, 2015, 11, e1005322.	4.7	59
85	DC-SIGN Binds to HIV-1 Glycoprotein 120 in a Distinct but Overlapping Fashion Compared with ICAM-2 and ICAM-3. Journal of Biological Chemistry, 2004, 279, 19122-19132.	3.4	57
86	A common mechanism of clinical HIV-1 resistance to the CCR5 antagonist maraviroc despite divergent resistance levels and lack of common gp120 resistance mutations. Retrovirology, 2013, 10, 43.	2.0	57
87	An altered and more efficient mechanism of CCR5 engagement contributes to macrophage tropism of CCR5-using HIV-1 envelopes. Virology, 2010, 404, 269-278.	2.4	55
88	Efficient and Robust <i>Paramyxoviridae</i> Reverse Genetics Systems. MSphere, 2017, 2, .	2.9	55
89	A structural basis for antibody-mediated neutralization of Nipah virus reveals a site of vulnerability at the fusion glycoprotein apex. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25057-25067.	7.1	53
90	Bone marrow CD34+ cells and megakaryoblasts secrete Î²-chemokines that block infection of hematopoietic cells by M-tropic R5 HIV. Journal of Clinical Investigation, 1999, 104, 1739-1749.	8.2	51

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91	IL-13 and TNF-Î± inhibit dual-tropic HIV-1 in primary macrophages by reduction of surface expression of CD4, chemokine receptors CCR5, CXCR4 and post-entry viral gene expression. European Journal of Immunology, 2000, 30, 1340-1349.	2.9	50
92	Henipavirus Receptor Usage and Tropism. Current Topics in Microbiology and Immunology, 2012, 359, 59-78.	1.1	50
93	Cysteines in the Stalk of the Nipah Virus G Glycoprotein Are Located in a Distinct Subdomain Critical for Fusion Activation. Journal of Virology, 2012, 86, 6632-6642.	3.4	49
94	N-Glycans on the Nipah Virus Attachment Glycoprotein Modulate Fusion and Viral Entry as They Protect against Antibody Neutralization. Journal of Virology, 2012, 86, 11991-12002.	3.4	48
95	Galectin-1 Regulates Tissue Exit of Specific Dendritic Cell Populations. Journal of Biological Chemistry, 2015, 290, 22662-22677.	3.4	48
96	Molecular recognition of human ephrinB2 cell surface receptor by an emergent African henipavirus. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2156-65.	7.1	47
97	Redirecting Lentiviral Vectors Pseudotyped with Sindbis Virus-Derived Envelope Proteins to DC-SIGN by Modification of N-Linked Glycans of Envelope Proteins. Journal of Virology, 2010, 84, 6923-6934.	3.4	46
98	Idiosyncratic MÃ²jiÄ•ng virus attachment glycoprotein directs a host-cell entry pathway distinct from genetically related henipaviruses. Nature Communications, 2017, 8, 16060.	12.8	46
99	Doseâ€"response curve slope helps predict therapeutic potency and breadth of HIV broadly neutralizing antibodies. Nature Communications, 2015, 6, 8443.	12.8	44
100	Anthrax oedema toxin induces anthrax toxin receptor expression in monocyte-derived cells. Molecular Microbiology, 2006, 61, 324-337.	2.5	43
101	IL-15 regulates susceptibility of CD4⁺T cells to HIV infection. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9659-E9667.	7.1	43
102	A Quantitative and Kinetic Fusion Protein-Triggering Assay Can Discern Distinct Steps in the Nipah Virus Membrane Fusion Cascade. Journal of Virology, 2010, 84, 8033-8041.	3.4	42
103	Singlet oxygen effects on lipid membranes: implications for the mechanism of action of broad-spectrum viral fusion inhibitors. Biochemical Journal, 2014, 459, 161-170.	3.7	42
104	Simian Immunodeficiency Virus Utilizes Human and Sooty Mangabey but Not Rhesus Macaque STRL33 for Efficient Entry. Journal of Virology, 2000, 74, 5075-5082.	3.4	41
105	Emerging paramyxoviruses: molecular mechanisms and antiviral strategies. Expert Reviews in Molecular Medicine, 2011, 13, e6.	3.9	41
106	Sendai virus, an RNA virus with no risk of genomic integration, delivers CRISPR/Cas9 for efficient gene editing. Molecular Therapy - Methods and Clinical Development, 2016, 3, 16057.	4.1	40
107	Expression and Coreceptor Function of APJ for Primate Immunodeficiency Viruses. Virology, 2000, 276, 435-444.	2.4	39
108	Identification of the Optimal DC-SIGN Binding Site on Human Immunodeficiency Virus Type 1 gp120. Journal of Virology, 2007, 81, 8325-8336.	3.4	39

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109	Inefficient entry of vicriviroc-resistant HIV-1 via the inhibitor-CCR5 complex at low cell surface CCR5 densities. Virology, 2009, 387, 296-302.	2.4	39
110	Constraints on the Genetic and Antigenic Variability of Measles Virus. Viruses, 2016, 8, 109.	3.3	39
111	Emerging Paramyxoviruses: Receptor Tropism and Zoonotic Potential. PLoS Pathogens, 2016, 12, e1005390.	4.7	39
112	HIV-1 predisposed to acquiring resistance to maraviroc (MVC) and other CCR5 antagonists in vitro has an inherent, low-level ability to utilize MVC-bound CCR5 for entry. Retrovirology, 2011, 8, 89.	2.0	38
113	CRISPR/Cas9 Allows Efficient and Complete Knock-In of a Destabilization Domain-Tagged Essential Protein in a Human Cell Line, Allowing Rapid Knockdown of Protein Function. PLoS ONE, 2014, 9, e95101.	2.5	38
114	Galectin-9 binds to O-glycans on protein disulfide isomerase. Glycobiology, 2017, 27, 878-887.	2.5	37
115	Envelope-Receptor Interactions in Nipah Virus Pathobiology. Annals of the New York Academy of Sciences, 2007, 1102, 51-65.	3.8	36
116	Macrophage-tropic HIV-1 variants from brain demonstrate alterations in the way gp120 engages both CD4 and CCR5. Journal of Leukocyte Biology, 2013, 93, 113-126.	3.3	36
117	Timing of Galectin-1 Exposure Differentially Modulates Nipah Virus Entry and Syncytium Formation in Endothelial Cells. Journal of Virology, 2015, 89, 2520-2529.	3.4	36
118	Expression of human immunodeficiency virus (HIV)â€"binding lectin DC-SIGNR: Consequences for HIV infection and immunity. Human Pathology, 2002, 33, 652-659.	2.0	35
119	Nipah virus matrix protein: expert hacker of cellular machines. FEBS Letters, 2016, 590, 2494-2511.	2.8	35
120	Evolution of Codon Usage Bias in Henipaviruses Is Governed by Natural Selection and Is Host-Specific. Viruses, 2018, 10, 604.	3.3	35
121	Coreceptor/Chemokine Receptor Expression on Human Hematopoietic Cells: Biological Implications for Human Immunodeficiency Virusâ€"Type 1 Infection. Blood, 1999, 93, 1145-1156.	1.4	35
122	Rho GTPase activity modulates paramyxovirus fusion protein-mediated cellâ€"cell fusion. Virology, 2006, 350, 323-334.	2.4	33
123	Expression and coreceptor activity of STRL33/Bonzo on primary peripheral blood lymphocytes. Blood, 2000, 96, 41-49.	1.4	33
124	The Role of HIV-Related Chemokine Receptors and Chemokines in Human Erythropoiesis in Vitro. Stem Cells, 2000, 18, 128-138.	3.2	32
125	Multiple nonfunctional alleles of CCR5 are frequent in various human populations. Blood, 2000, 96, 1638-1645.	1.4	32
126	Differences in phosphorylation of the IL-2R associated JAK/STAT proteins between HTLV-I (+), IL-2-independent and IL-2-dependent cell lines and uncultured leukemic cells from patients with adult T-cell lymphoma/leukemia. Leukemia Research, 1999, 23, 373-384.	0.8	31

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127	CCR5 and CXCR4 expression correlated with X4 and R5 HIV-1 infection yet not sustained replication in Th1 and Th2 cells. Aids, 2001, 15, 1941-1949.	2.2	31
128	Nipah Virus C Protein Recruits Tsg101 to Promote the Efficient Release of Virus in an ESCRT-Dependent Pathway. PLoS Pathogens, 2016, 12, e1005659.	4.7	31
129	Specific Interaction of Feline Immunodeficiency Virus Surface Glycoprotein with Human DC-SIGN. Journal of Virology, 2004, 78, 2597-2600.	3.4	30
130	Adaptive Mutations in a Human Immunodeficiency Virus Type 1 Envelope Protein with a Truncated V3 Loop Restore Function by Improving Interactions with CD4. Journal of Virology, 2009, 83, 11005-11015.	3.4	30
131	Problems of classification in the family Paramyxoviridae. Archives of Virology, 2018, 163, 1395-1404.	2.1	30
132	Hendra and Nipah Infection: Pathology, Models and Potential Therapies. Infectious Disorders - Drug Targets, 2011, 11, 315-336.	0.8	30
133	A catalytically and genetically optimized Î²-lactamase-matrix based assay for sensitive, specific, and higher throughput analysis of native henipavirus entry characteristics. Virology Journal, 2009, 6, 119.	3.4	29
134	Longitudinal Analysis of CCR5 and CXCR4 Usage in a Cohort of Antiretroviral Therapy-NaÃ¯ve Subjects with Progressive HIV-1 Subtype C Infection. PLoS ONE, 2013, 8, e65950.	2.5	29
135	Inhibition of an Aquatic Rhabdovirus Demonstrates Promise of a Broad-Spectrum Antiviral for Use in Aquaculture. Journal of Virology, 2017, 91, .	3.4	29
136	Detection of Antibody Responses Against SARS-CoV-2 in Plasma and Saliva From Vaccinated and Infected Individuals. Frontiers in Immunology, 2021, 12, 759688.	4.8	29
137	Triggering of the Newcastle Disease Virus Fusion Protein by a Chimeric Attachment Protein That Binds to Nipah Virus Receptors. Journal of Biological Chemistry, 2011, 286, 17851-17860.	3.4	27
138	Nipah Virus Envelope-Pseudotyped Lentiviruses Efficiently Target ephrinB2-Positive Stem Cell Populations <i>In Vitro</i> and Bypass the Liver Sink When Administered <i>In Vivo</i>. Journal of Virology, 2013, 87, 2094-2108.	3.4	27
139	Affinofile profiling: How efficiency of CD4/CCR5 usage impacts the biological and pathogenic phenotype of HIV. Virology, 2013, 435, 81-91.	2.4	26
140	Differential Features of Fusion Activation within the Paramyxoviridae. Viruses, 2020, 12, 161.	3.3	26
141	Reduced Nucleoprotein Availability Impairs Negative-Sense RNA Virus Replication and Promotes Host Recognition. Journal of Virology, 2021, 95, .	3.4	26
142	Sugar and Spice: Viral Envelope-DC-SIGN Interactions in HIV Pathogenesis. Current HIV Research, 2003, 1, 87-99.	0.5	25
143	Regulation of the nucleocytoplasmic trafficking of viral and cellular proteins by ubiquitin and small ubiquitinâ€related modifiers. Biology of the Cell, 2012, 104, 121-138.	2.0	24
144	Dissecting ELANE neutropenia pathogenicity by human HSC gene editing. Cell Stem Cell, 2021, 28, 833-845.e5.	11.1	23

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145	Proteases and variants: context matters for SARS-CoV-2 entry assays. Current Opinion in Virology, 2021, 50, 49-58.	5.4	23
146	CD4-Independent Use of Rhesus CCR5 by Human Immunodeficiency Virus Type 2 Implicates an Electrostatic Interaction between the CCR5 N Terminus and the gp120 C4 Domain. Journal of Virology, 2001, 75, 10766-10778.	3.4	22
147	A key region of molecular specificity orchestrates unique ephrin-B1 utilization by Cedar virus. Life Science Alliance, 2020, 3, e201900578.	2.8	22
148	Distinct HIV-1 entry phenotypes are associated with transmission, subtype specificity, and resistance to broadly neutralizing antibodies. Retrovirology, 2014, 11, 48.	2.0	21
149	Nipah@20: Lessons Learned from Another Virus with Pandemic Potential. MSphere, 2020, 5, .	2.9	21
150	Long-term analysis of antibodies elicited by SPUTNIK V: A prospective cohort study in TucumÃ¡n, Argentina. The Lancet Regional Health Americas, 2022, 6, 100123.	2.6	21
151	Interactions of Human Complement with Virus Particles Containing the Nipah Virus Glycoproteins. Journal of Virology, 2011, 85, 5940-5948.	3.4	20
152	The magnitude of HIV-1 resistance to the CCR5 antagonist maraviroc may impart a differential alteration in HIV-1 tropism for macrophages and T-cell subsets. Virology, 2013, 442, 51-58.	2.4	20
153	CCR5 HIV-1 Coreceptor Activity. Journal of Biological Chemistry, 1999, 274, 28413-28419.	3.4	18
154	Targeted Transduction via CD4 by a Lentiviral Vector Uses a Clathrin-Mediated Entry Pathway. Journal of Virology, 2009, 83, 13026-13031.	3.4	18
155	Individual N-Glycans Added at Intervals along the Stalk of the Nipah Virus G Protein Prevent Fusion but Do Not Block the Interaction with the Homologous F Protein. Journal of Virology, 2013, 87, 3119-3129.	3.4	18
156	Orally efficacious broad-spectrum allosteric inhibitor of paramyxovirus polymerase. Nature Microbiology, 2020, 5, 1232-1246.	13.3	18
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