

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

163 papers	7,673 citations	43 h-index	84 g-index
182 ext. papers	9,618 ext. citations	10.3 avg, IF	5.87 L-index

#	Paper	IF	Citations
163	SARS-CoV-2 variants B.1.351 and P.1 escape from neutralizing antibodies. <i>Cell</i> , 2021 , 184, 2384-2393.e12	56.2	459
162	Semen-derived amyloid fibrils drastically enhance HIV infection. <i>Cell</i> , 2007 , 131, 1059-71	56.2	424
161	Structure-based design of non-natural amino-acid inhibitors of amyloid fibril formation. <i>Nature</i> , 2011 , 475, 96-100	50.4	341
160	Tetherin-driven adaptation of Vpu and Nef function and the evolution of pandemic and nonpandemic HIV-1 strains. <i>Cell Host and Microbe</i> , 2009 , 6, 409-21	23.4	339
159	Nef-mediated suppression of T cell activation was lost in a lentiviral lineage that gave rise to HIV-1. <i>Cell</i> , 2006 , 125, 1055-67	56.2	318
158	Nef proteins from simian immunodeficiency viruses are tetherin antagonists. <i>Cell Host and Microbe</i> , 2009 , 6, 54-67	23.4	288
157	Detection of SARS-CoV-2 in human breastmilk. <i>Lancet, The</i> , 2020 , 395, 1757-1758	40	231
156	TRIM proteins regulate autophagy and can target autophagic substrates by direct recognition. <i>Developmental Cell</i> , 2014 , 30, 394-409	10.2	217
155	Discovery and optimization of a natural HIV-1 entry inhibitor targeting the gp41 fusion peptide. <i>Cell</i> , 2007 , 129, 263-75	56.2	206
154	SARS-CoV-2 infects and replicates in cells of the human endocrine and exocrine pancreas. <i>Nature Metabolism</i> , 2021 , 3, 149-165	14.6	176
153	Low levels of SIV infection in sooty mangabey central memory CD4 ^{hi} T cells are associated with limited CCR5 expression. <i>Nature Medicine</i> , 2011 , 17, 830-6	50.5	173
152	LSECtin interacts with filovirus glycoproteins and the spike protein of SARS coronavirus. <i>Virology</i> , 2005 , 340, 224-36	3.6	167
151	Contribution of Vpu, Env, and Nef to CD4 down-modulation and resistance of human immunodeficiency virus type 1-infected T cells to superinfection. <i>Journal of Virology</i> , 2006 , 80, 8047-59	6.6	150
150	Xiamycin, a pentacyclic indolosesquiterpene with selective anti-HIV activity from a bacterial mangrove endophyte. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010 , 20, 6685-7	2.9	145
149	Down-modulation of mature major histocompatibility complex class II and up-regulation of invariant chain cell surface expression are well-conserved functions of human and simian immunodeficiency virus nef alleles. <i>Journal of Virology</i> , 2003 , 77, 10548-56	6.6	141
148	Immune responses against SARS-CoV-2 variants after heterologous and homologous ChAdOx1 nCoV-19/BNT162b2 vaccination. <i>Nature Medicine</i> , 2021 , 27, 1525-1529	50.5	141
147	Evolutionary and functional analyses of the interaction between the myeloid restriction factor SAMHD1 and the lentiviral Vpx protein. <i>Cell Host and Microbe</i> , 2012 , 11, 205-17	23.4	140

146	The cationic properties of SEVI underlie its ability to enhance human immunodeficiency virus infection. <i>Journal of Virology</i> , 2009 , 83, 73-80	6.6	140
145	Natural proteolytic processing of hemofiltrate CC chemokine 1 generates a potent CC chemokine receptor (CCR)1 and CCR5 agonist with anti-HIV properties. <i>Journal of Experimental Medicine</i> , 2000 , 192, 1501-8	16.6	126
144	Peptides released by physiological cleavage of semen coagulum proteins form amyloids that enhance HIV infection. <i>Cell Host and Microbe</i> , 2011 , 10, 541-50	23.4	123
143	Semen-mediated enhancement of HIV infection is donor-dependent and correlates with the levels of SEVI. <i>Retrovirology</i> , 2010 , 7, 55	3.6	108
142	Peptide nanofibrils boost retroviral gene transfer and provide a rapid means for concentrating viruses. <i>Nature Nanotechnology</i> , 2013 , 8, 130-6	28.7	102
141	Nef-mediated enhancement of virion infectivity and stimulation of viral replication are fundamental properties of primate lentiviruses. <i>Journal of Virology</i> , 2007 , 81, 13852-64	6.6	88
140	Nef enhances human immunodeficiency virus type 1 infectivity and replication independently of viral coreceptor tropism. <i>Journal of Virology</i> , 2002 , 76, 8455-9	6.6	80
139	Cell-to-cell transmission of HIV-1 between CD4+T-cells involves clathrin-mediated endocytosis. <i>Retrovirology</i> , 2011 , 8,	3.6	78
138	Interferon Alpha Subtype-Specific Suppression of HIV-1 Infection In Vivo. <i>Journal of Virology</i> , 2016 , 90, 6001-6013	6.6	77
137	Naturally occurring fragments from two distinct regions of the prostatic acid phosphatase form amyloidogenic enhancers of HIV infection. <i>Journal of Virology</i> , 2012 , 86, 1244-9	6.6	74
136	Direct visualization of HIV-enhancing endogenous amyloid fibrils in human semen. <i>Nature Communications</i> , 2014 , 5, 3508	17.4	73
135	Fibrils of prostatic acid phosphatase fragments boost infections with XMRV (xenotropic murine leukemia virus-related virus), a human retrovirus associated with prostate cancer. <i>Journal of Virology</i> , 2009 , 83, 6995-7003	6.6	66
134	Peptide and peptide-based inhibitors of SARS-CoV-2 entry. <i>Advanced Drug Delivery Reviews</i> , 2020 , 167, 47-65	18.5	63
133	Short-term monotherapy in HIV-infected patients with a virus entry inhibitor against the gp41 fusion peptide. <i>Science Translational Medicine</i> , 2010 , 2, 63re3	17.5	61
132	Systematic functional analysis of SARS-CoV-2 proteins uncovers viral innate immune antagonists and remaining vulnerabilities. <i>Cell Reports</i> , 2021 , 35, 109126	10.6	61
131	Human immunodeficiency virus type 1 inhibits DNA damage-triggered apoptosis by a Nef-independent mechanism. <i>Journal of Virology</i> , 2005 , 79, 5489-98	6.6	60
130	SARS-CoV-2 Is Restricted by Zinc Finger Antiviral Protein despite Preadaptation to the Low-CpG Environment in Humans. <i>MBio</i> , 2020 , 11,	7.8	60
129	Aminoquinoline surfen inhibits the action of SEVI (semen-derived enhancer of viral infection). <i>Journal of Biological Chemistry</i> , 2010 , 285, 1861-9	5.4	59

128	Discovery and characterization of an endogenous CXCR4 antagonist. <i>Cell Reports</i> , 2015 , 11, 737-47	10.6	56
127	A molecular tweezer antagonizes seminal amyloids and HIV infection. <i>ELife</i> , 2015 , 4,	8.9	55
126	Guanylate-Binding Proteins 2 and 5 Exert Broad Antiviral Activity by Inhibiting Furin-Mediated Processing of Viral Envelope Proteins. <i>Cell Reports</i> , 2019 , 27, 2092-2104.e10	10.6	53
125	Semen enhances HIV infectivity and impairs the antiviral efficacy of microbicides. <i>Science Translational Medicine</i> , 2014 , 6, 262ra157	17.5	53
124	CL-385319 inhibits H5N1 avian influenza A virus infection by blocking viral entry. <i>European Journal of Pharmacology</i> , 2011 , 660, 460-7	5.3	51
123	Inefficient Nef-mediated downmodulation of CD3 and MHC-I correlates with loss of CD4+T cells in natural SIV infection. <i>PLoS Pathogens</i> , 2008 , 4, e1000107	7.6	47
122	Productive entry of HIV-1 during cell-to-cell transmission via dynamin-dependent endocytosis. <i>Journal of Virology</i> , 2013 , 87, 8110-23	6.6	46
121	Semen amyloids participate in spermatozoa selection and clearance. <i>ELife</i> , 2017 , 6,	8.9	45
120	Co-receptor usage of BOB/GPR15 in addition to CCR5 has no significant effect on replication of simian immunodeficiency virus in vivo. <i>Journal of Infectious Diseases</i> , 1999 , 180, 1494-502	7	43
119	Antibody-mediated procoagulant platelets in SARS-CoV-2-vaccination associated immune thrombotic thrombocytopenia. <i>Haematologica</i> , 2021 , 106, 2170-2179	6.6	43
118	Nef proteins from simian immunodeficiency virus-infected chimpanzees interact with p21-activated kinase 2 and modulate cell surface expression of various human receptors. <i>Journal of Virology</i> , 2004 , 78, 6864-74	6.6	42
117	Human immunodeficiency virus type 1 variants resistant to first- and second-version fusion inhibitors and cytopathic in ex vivo human lymphoid tissue. <i>Journal of Virology</i> , 2007 , 81, 6563-72	6.6	41
116	Liquefaction of semen generates and later degrades a conserved semenogelin peptide that enhances HIV infection. <i>Journal of Virology</i> , 2014 , 88, 7221-34	6.6	40
115	Platelet activation suppresses HIV-1 infection of T cells. <i>Retrovirology</i> , 2013 , 10, 48	3.6	39
114	Mucosal stromal fibroblasts markedly enhance HIV infection of CD4+ T cells. <i>PLoS Pathogens</i> , 2017 , 13, e1006163	7.6	38
113	Primary sooty mangabey simian immunodeficiency virus and human immunodeficiency virus type 2 nef alleles modulate cell surface expression of various human receptors and enhance viral infectivity and replication. <i>Journal of Virology</i> , 2005 , 79, 10547-60	6.6	38
112	IFITM proteins promote SARS-CoV-2 infection and are targets for virus inhibition in vitro. <i>Nature Communications</i> , 2021 , 12, 4584	17.4	38
111	Vpr and Vpu are important for efficient human immunodeficiency virus type 1 replication and CD4+ T-cell depletion in human lymphoid tissue ex vivo. <i>Journal of Virology</i> , 2004 , 78, 12689-93	6.6	36

110	Hemofiltrate CC chemokine 1[9-74] causes effective internalization of CCR5 and is a potent inhibitor of R5-tropic human immunodeficiency virus type 1 strains in primary T cells and macrophages. <i>Antimicrobial Agents and Chemotherapy</i> , 2002 , 46, 982-90	5.9	33
109	Inactivation and Environmental Stability of Zika Virus. <i>Emerging Infectious Diseases</i> , 2016 , 22, 1685-7	10.2	33
108	Drug Inhibition of SARS-CoV-2 Replication in Human Pluripotent Stem Cell-Derived Intestinal Organoids. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021 , 11, 935-948	7.9	33
107	PPI-Detect: A support vector machine model for sequence-based prediction of protein-protein interactions. <i>Journal of Computational Chemistry</i> , 2019 , 40, 1233-1242	3.5	32
106	Alpha-1 antitrypsin inhibits TMPRSS2 protease activity and SARS-CoV-2 infection. <i>Nature Communications</i> , 2021 , 12, 1726	17.4	32
105	Effect of semen and seminal amyloid on vaginal transmission of simian immunodeficiency virus. <i>Retrovirology</i> , 2013 , 10, 148	3.6	31
104	An optimized MM/PBSA virtual screening approach applied to an HIV-1 gp41 fusion peptide inhibitor. <i>Proteins: Structure, Function and Bioinformatics</i> , 2011 , 79, 3221-35	4.2	31
103	90K, an interferon-stimulated gene product, reduces the infectivity of HIV-1. <i>Retrovirology</i> , 2013 , 10, 111	3.6	29
102	Genetic identity and biological phenotype of a transmitted/founder virus representative of nonpathogenic simian immunodeficiency virus infection in African green monkeys. <i>Journal of Virology</i> , 2010 , 84, 12245-54	6.6	28
101	T-cell receptor:CD3 down-regulation is a selected in vivo function of simian immunodeficiency virus Nef but is not sufficient for effective viral replication in rhesus macaques. <i>Journal of Virology</i> , 2002 , 76, 12360-4	6.6	28
100	Incorporation of podoplanin into HIV released from HEK-293T cells, but not PBMC, is required for efficient binding to the attachment factor CLEC-2. <i>Retrovirology</i> , 2010 , 7, 47	3.6	27
99	Comprehensive analysis of nef functions selected in simian immunodeficiency virus-infected macaques. <i>Journal of Virology</i> , 2004 , 78, 10588-97	6.6	27
98	Semen inhibits Zika virus infection of cells and tissues from the anogenital region. <i>Nature Communications</i> , 2018 , 9, 2207	17.4	26
97	Amino acid 324 in the simian immunodeficiency virus SIVmac V3 loop can confer CD4 independence and modulate the interaction with CCR5 and alternative coreceptors. <i>Journal of Virology</i> , 2004 , 78, 3223-32	6.6	25
96	An enzyme-based immunodetection assay to quantify SARS-CoV-2 infection. <i>Antiviral Research</i> , 2020 , 181, 104882	10.8	25
95	Development of a high-throughput colorimetric Zika virus infection assay. <i>Medical Microbiology and Immunology</i> , 2017 , 206, 175-185	4	24
94	The molecular tweezer CLR01 inhibits Ebola and Zika virus infection. <i>Antiviral Research</i> , 2018 , 152, 26-35	10.8	24
93	Heterologous ChAdOx1 nCoV-19 and BNT162b2 prime-boost vaccination elicits potent neutralizing antibody responses and T cell reactivity against prevalent SARS-CoV-2 variants.. <i>EBioMedicine</i> , 2021 , 75, 103761	8.8	24

92	Natural amines inhibit activation of human plasmacytoid dendritic cells through CXCR4 engagement. <i>Nature Communications</i> , 2017 , 8, 14253	17.4	23
91	Macromolecular Antiviral Agents against Zika, Ebola, SARS, and Other Pathogenic Viruses. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1700748	10.1	23
90	Discovery of modulators of HIV-1 infection from the human peptidome. <i>Nature Reviews Microbiology</i> , 2014 , 12, 715-22	22.2	23
89	Effect of naturally-occurring gp41 HR1 variations on susceptibility of HIV-1 to fusion inhibitors. <i>Aids</i> , 2005 , 19, 1401-5	3.5	23
88	Exploiting the human peptidome for novel antimicrobial and anticancer agents. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 2719-2726	3.4	22
87	Analysis of nuclear actin by overexpression of wild-type and actin mutant proteins. <i>Histochemistry and Cell Biology</i> , 2014 , 141, 123-35	2.4	22
86	Peptide nanofibrils as enhancers of retroviral gene transfer. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2014 , 6, 438-51	9.2	22
85	Importance of the N-distal AP-2 binding element in Nef for simian immunodeficiency virus replication and pathogenicity in rhesus macaques. <i>Journal of Virology</i> , 2006 , 80, 4469-81	6.6	21
84	Storage-Dependent Generation of Potent Anti-ZIKV Activity in Human Breast Milk. <i>Viruses</i> , 2019 , 11,	6.2	20
83	Heterologous ChAdOx1 nCoV-19 and BNT162b2 prime-boost vaccination elicits potent neutralizing antibody responses and T cell reactivity		20
82	Proteolytic processing of human serum albumin generates EPI-X4, an endogenous antagonist of CXCR4. <i>Journal of Leukocyte Biology</i> , 2016 , 99, 863-8	6.5	19
81	Structure, function and antagonism of semen amyloids. <i>Chemical Communications</i> , 2018 , 54, 7557-7569	5.8	19
80	Inhaled and systemic heparin as a repurposed direct antiviral drug for prevention and treatment of COVID-19. <i>Clinical Medicine</i> , 2020 , 20, e218-e221	1.9	19
79	Carrageenan-containing over-the-counter nasal and oral sprays inhibit SARS-CoV-2 infection of airway epithelial cultures. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021 , 320, L750-L756	5.8	19
78	Control of TLR7-mediated type I IFN signaling in pDCs through CXCR4 engagement-A new target for lupus treatment. <i>Science Advances</i> , 2019 , 5, eaav9019	14.3	18
77	The role of the alternative coreceptor GPR15 in SIV tropism for human cells. <i>Virology</i> , 2012 , 433, 73-84	3.6	18
76	A Placenta Derived C-Terminal Fragment of β -Hemoglobin With Combined Antibacterial and Antiviral Activity. <i>Frontiers in Microbiology</i> , 2020 , 11, 508	5.7	17
75	Cathepsin G-mediated proteolytic degradation of MHC class I molecules to facilitate immune detection of human glioblastoma cells. <i>Cancer Immunology, Immunotherapy</i> , 2016 , 65, 283-91	7.4	17

74	Sandwich enzyme-linked immunosorbent assay for the quantification of human serum albumin fragment 408-423 in bodily fluids. <i>Analytical Biochemistry</i> , 2015 , 476, 29-35	3.1	16
73	Significance of N-terminal proteolysis of CCL14a to activity on the chemokine receptors CCR1 and CCR5 and the human cytomegalovirus-encoded chemokine receptor US28. <i>Journal of Immunology</i> , 2009 , 183, 1229-37	5.3	16
72	Proline 35 of human immunodeficiency virus type 1 (HIV-1) Vpr regulates the integrity of the N-terminal helix and the incorporation of Vpr into virus particles and supports the replication of R5-tropic HIV-1 in human lymphoid tissue ex vivo. <i>Journal of Virology</i> , 2007 , 81, 9572-6	6.6	15
71	Inhibition of HIV-1 group M and O isolates by fusion inhibitors. <i>Aids</i> , 2005 , 19, 1919-22	3.5	15
70	Improving preclinical models of HIV microbicide efficacy. <i>Trends in Microbiology</i> , 2015 , 23, 445-7	12.4	14
69	Enhancement and induction of HIV-1 infection through an assembled peptide derived from the CD4 binding site of gp120. <i>ChemBioChem</i> , 2015 , 16, 446-54	3.8	14
68	HIV infection in a patient with alpha-1 antitrypsin deficiency: a detrimental combination?. <i>Aids</i> , 2007 , 21, 2115-6	3.5	14
67	IFITM proteins promote SARS-CoV-2 infection and are targets for virus inhibition		14
66	Supramolecular Mechanism of Viral Envelope Disruption by Molecular Tweezers. <i>Journal of the American Chemical Society</i> , 2020 , 142, 17024-17038	16.4	14
65	Characterization of the SARS-CoV-2 Neutralization Potential of COVID-19-Convalescent Donors. <i>Journal of Immunology</i> , 2021 , 206, 2614-2622	5.3	14
64	Comparison of the effect of semen from HIV-infected and uninfected men on CD4+ T-cell infection. <i>Aids</i> , 2016 , 30, 1197-208	3.5	13
63	Low Zika virus seroprevalence among pregnant women in North Central Nigeria, 2016. <i>Journal of Clinical Virology</i> , 2018 , 105, 35-40	14.5	13
62	Structural and functional basis for pan-CoV fusion inhibitors against SARS-CoV-2 and its variants with preclinical evaluation. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 288	21	13
61	Cytoplasmic HIV-RNA in monocytes determines microglial activation and neuronal cell death in HIV-associated neurodegeneration. <i>Experimental Neurology</i> , 2014 , 261, 685-97	5.7	12
60	The role of upstream U3 sequences in HIV-1 replication and CD4+ T cell depletion in human lymphoid tissue ex vivo. <i>Virology</i> , 2005 , 341, 313-20	3.6	12
59	Pasteurization Inactivates SARS-CoV-2-Spiked Breast Milk. <i>Pediatrics</i> , 2021 , 147,	7.4	11
58	Salivary extracellular vesicles inhibit Zika virus but not SARS-CoV-2 infection. <i>Journal of Extracellular Vesicles</i> , 2020 , 9, 1808281	16.4	10
57	Lentiviral Nef proteins manipulate T cells in a subset-specific manner. <i>Journal of Virology</i> , 2015 , 89, 19866-70	20.1	9

56	Remdesivir but not famotidine inhibits SARS-CoV-2 replication in human pluripotent stem cell-derived intestinal organoids		9
55	Alpha-1 antitrypsin inhibits SARS-CoV-2 infection		9
54	Non-covalent hitchhiking on endogenous carriers as a protraction mechanism for antiviral macromolecular prodrugs. <i>Journal of Controlled Release</i> , 2019 , 294, 298-310	11.7	9
53	A naturally occurring variation in the proline-rich region does not attenuate human immunodeficiency virus type 1 nef function. <i>Journal of Virology</i> , 2004 , 78, 10197-201	6.6	8
52	Rapid, convenient and efficient kit-independent detection of SARS-CoV-2 RNA. <i>Journal of Virological Methods</i> , 2020 , 286, 113965	2.6	8
51	Natural Inhibitor of Human Cytomegalovirus in Human Seminal Plasma. <i>Journal of Virology</i> , 2019 , 93,	6.6	7
50	Reduced Susceptibility to VIRIP-Based HIV-1 Entry Inhibitors Has a High Genetic Barrier and Severe Fitness Costs. <i>Journal of Virology</i> , 2018 , 92,	6.6	7
49	An optimized derivative of an endogenous CXCR4 antagonist prevents atopic dermatitis and airway inflammation. <i>Acta Pharmaceutica Sinica B</i> , 2021 , 11, 2694-2708	15.5	6
48	Utilization of replication-competent XMRV reporter-viruses reveals severe viral restriction in primary human cells. <i>PLoS ONE</i> , 2013 , 8, e74427	3.7	6
47	Robust and durable serological response following pediatric SARS-CoV-2 infection.. <i>Nature Communications</i> , 2022 , 13, 128	17.4	6
46	New Antibacterial Peptides from the Freshwater Mollusk (Pilsbry, 1927). <i>Biomolecules</i> , 2020 , 10,	5.9	5
45	Environmental Stability and Infectivity of Hepatitis C Virus (HCV) in Different Human Body Fluids. <i>Frontiers in Microbiology</i> , 2018 , 9, 504	5.7	5
44	The Transmembrane Protease TMPRSS2 as a Therapeutic Target for COVID-19 Treatment.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	5
43	Plastic Antibodies Mimicking the ACE2 Receptor for Selective Binding of SARS-CoV-2 Spike.. <i>Advanced Materials Interfaces</i> , 2022 , 9, 2101925	4.6	5
42	The Zinc Finger Antiviral Protein restricts SARS-CoV-2		5
41	Microtiter plate-based antibody-competition assay to determine binding affinities and plasma/blood stability of CXCR4 ligands. <i>Scientific Reports</i> , 2020 , 10, 16036	4.9	5
40	Increased in vitro Anti-HIV Activity of Caffeinium-Functionalized Polyoxometalates. <i>ChemMedChem</i> , 2021 , 16, 2727-2730	3.7	5
39	PEGylated Cationic Serum Albumin for Boosting Retroviral Gene Transfer. <i>ChemBioChem</i> , 2016 , 17, 1504-1518	3.8	5

38	Targeting of CXCR4 by the Naturally Occurring CXCR4 Antagonist EPI-X4 in Waldenström's Macroglobulinemia. <i>Cancers</i> , 2021 , 13,	6.6	5
37	Generation and Characterization of Virus-Enhancing Peptide Nanofibrils Functionalized with Fluorescent Labels. <i>Bioconjugate Chemistry</i> , 2017 , 28, 1260-1270	6.3	4
36	Blocking semen-mediated enhancement of HIV infection by amyloid-binding small molecules. <i>Future Virology</i> , 2011 , 6, 183-186	2.4	4
35	Development and Characterization of Magnetic SARS-CoV-2 Peptide-Imprinted Polymers. <i>Nanomaterials</i> , 2021 , 11,	5.4	4
34	Supramolecular Peptide Nanofibrils with Optimized Sequences and Molecular Structures for Efficient Retroviral Transduction. <i>Advanced Functional Materials</i> , 2021 , 31, 2009382	15.6	4
33	Nucleic Acids as a Nature-Inspired Scaffold for Macromolecular Prodrugs of Nucleoside Analogues. <i>Advanced Science</i> , 2019 , 6, 1802095	13.6	3
32	Repeated semen exposure decreases cervicovaginal SIVmac251 infection in rhesus macaques. <i>Nature Communications</i> , 2019 , 10, 3753	17.4	3
31	Bioassay for Endothelial Damage Mediators Retrieved by Hemoadsorption. <i>Scientific Reports</i> , 2019 , 9, 14522	4.9	3
30	A simian immunodeficiency virus V3 loop mutant that does not efficiently use CCR5 or common alternative coreceptors is moderately attenuated in vivo. <i>Virology</i> , 2007 , 360, 275-85	3.6	3
29	Holder Pasteurization Inactivates SARS-CoV-2 in Human Breast Milk		3
28	An optimized derivative of an endogenous CXCR4 antagonist prevents atopic dermatitis and airway inflammation		
27	Iota-Carrageenan Inhibits Replication of SARS-CoV-2 and the Respective Variants of Concern Alpha, Beta, Gamma and Delta.. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
26	SARS-CoV-2 Vaccination boosts Neutralizing Activity against Seasonal Human Coronaviruses.. <i>Clinical Infectious Diseases</i> , 2022 ,	11.6	2
25	Respiratory B2-Microglobulin exerts pH dependent antimicrobial activity. <i>Virulence</i> , 2020 , 11, 1402-1414	4.7	2
24	Natural cystatin C fragments inhibit GPR15-mediated HIV and SIV infection without interfering with GPR15L signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	2
23	CD34T+ Humanized Mouse Model to Study Mucosal HIV-1 Transmission and Prevention. <i>Vaccines</i> , 2021 , 9,	5.3	2
22	The Molecular Tweezer CLR01 Inhibits Antibody-Resistant Cell-to-Cell Spread of Human Cytomegalovirus. <i>Viruses</i> , 2021 , 13,	6.2	2
21	Computational modeling and experimental validation of the EPI-X4/CXCR4 complex allows rational design of small peptide antagonists. <i>Communications Biology</i> , 2021 , 4, 1113	6.7	2

20	HIV-1 accessory proteins: Nef. <i>Methods in Molecular Biology</i> , 2014 , 1087, 115-23	1.4	1
19	Mutation of a diacidic motif in SIV-PBj Nef impairs T-cell activation and enteropathic disease. <i>Retrovirology</i> , 2011 , 8, 14	3.6	1
18	Microtiter plate-based antibody-competition assay to determine binding affinities and plasma/blood stability of CXCR4 ligands		1
17	Cellular Protrusions Engage Viral Infection Enhancing EF-C Peptide Nanofibrils		1
16	Undermining breastfeeding will not alleviate the COVID-19 pandemic - AuthorsTreply. <i>Lancet, The</i> , 2020 , 396, 1065-1066	4.0	1
15	Acute myeloid leukemia cells are targeted by the naturally occurring CXCR4 antagonist EPI-X4		1
14	Absence of the CXCR4 antagonist EPI-X4 from pharmaceutical human serum albumin preparations. <i>Journal of Translational Medicine</i> , 2021 , 19, 190	8.5	1
13	Virucidal activity of SARS-CoV-2 rapid antigen extraction buffers.. <i>Journal of Clinical Virology</i> , 2021 , 147, 105062	14.5	0
12	Natural SIV Infection: Virological Aspects 2012 , 3-45		0
11	Negatively Charged Peptide Nanofibrils from Immunoglobulin Light Chain Sequester Viral Particles but Lack Cell-Binding and Viral Transduction-Enhancing Properties. <i>ACS Omega</i> , 2021 , 6, 7731-7738	3.9	0
10	Dual concentration-dependent effect of ascorbic acid on PAP(248-286) amyloid formation and SEVI-mediated HIV infection. <i>RSC Chemical Biology</i> , 2021 , 2, 1534-1545	3	0
9	Macromolecular Viral Entry Inhibitors as Broad-Spectrum First-Line Antivirals with Activity against SARS-CoV-2.. <i>Advanced Science</i> , 2022 , e2201378	13.6	0
8	Immunodetection assays for the quantification of seasonal common cold coronaviruses OC43, NL63, or 229E infection confirm nirmatrelvir as broad coronavirus inhibitor. <i>Antiviral Research</i> , 2022 , 203, 105343	10.8	0
7	Combating HIV: what the human peptidome offers. <i>Future Virology</i> , 2016 , 11, 167-170	2.4	
6	Domain 15 of the serine proteinase inhibitor LEKTI blocks HIV infection in vitro. <i>Medical Journal of Indonesia</i> , 2013 , 131	0.4	
5	Prevention of contamination by xenotropic murine leukemia virus-related virus: susceptibility to alcohol-based disinfectants and environmental stability. <i>Applied and Environmental Microbiology</i> , 2014 , 80, 2617-22	4.8	
4	VIRIP: Ein natürlicher HIV-Hemmstoff mit einem neuartigen Wirkmechanismus 2008 , 65-70		
3	A Fibrinogen Alpha Fragment Mitigates Chemotherapy-Induced Rearrangements. <i>Frontiers in Oncology</i> , 2021 , 11, 689063	5.3	

- 2 Viral Transduction Enhancing Effect of EF-C Peptide Nanofibrils Is Mediated by Cellular Protrusions. *Advanced Functional Materials*, **2021**, 31, 2104814 15.6
- 1 Endogenous Peptide Inhibitors of HIV Entry.. *Advances in Experimental Medicine and Biology*, **2022**, 1366, 65-85 3.6