Hans-Georg KrÃ¤usslich

List of Publications by Year
in descending order

170 papers	19,620 citations	15504 65 h-index	12272 133 g-index
191 all docs	191 docs citations	191 times ranked	18691 citing authors

#	Article	IF	Citations
1	Humoral and cellular responses after COVID-19 vaccination in anti-CD20-treated lymphoma patients. Blood, 2022, 139, 142-147.	1.4	63
2	An Outpatient Management Strategy Using a Coronataxi Digital Early Warning System Reduces Coronavirus Disease 2019 Mortality. Open Forum Infectious Diseases, 2022, 9, ofac063.	0.9	7
3	Generation of Human Lung Organoid Cultures from Healthy and Tumor Tissue to Study Infectious Diseases. Journal of Virology, 2022, 96, e0009822.	3.4	11
4	Seroconversion Rates After the Second COVID-19 Vaccination in Patients With Systemic Light Chain (AL) amyloidosis. HemaSphere, 2022, 6, e688.	2.7	1
5	Photocaged Hoechst Enables Subnuclear Visualization and Cell Selective Staining of DNA in vivo. ChemBioChem, 2021, 22, 548-556.	2.6	6
6	Cone-shaped HIV-1 capsids are transported through intact nuclear pores. Cell, 2021, 184, 1032-1046.e18.	28.9	179
7	HIV-1 uncoating by release of viral cDNA from capsid-like structures in the nucleus of infected cells. ELife, 2021, 10, .	6.0	71
8	From Multiplex Serology to Serolomicsâ€”A Novel Approach to the Antibody Response against the SARS-CoV-2 Proteome. Viruses, 2021, 13, 749.	3.3	11
9	The Abbott PanBio WHO emergency use listed, rapid, antigen-detecting point-of-care diagnostic test for SARS-CoV-2â€”Evaluation of the accuracy and ease-of-use. PLoS ONE, 2021, 16, e0247918.	2.5	44
10	Prevalence of SARS-CoV-2 Infection in Children and Their Parents in Southwest Germany. JAMA Pediatrics, 2021, 175, 586.	6.2	124
11	Maturation of the matrix and viral membrane of HIV-1. Science, 2021, 373, 700-704.	12.6	60
12	Pooled RT-qPCR testing for SARS-CoV-2 surveillance in schools - a cluster randomised trial. EClinicalMedicine, 2021, 39, 101082.	7.1	29
13	Single-Use Capture Purification of Adeno-Associated Viral Gene Transfer Vectors by Membrane-Based Steric Exclusion Chromatography. Human Gene Therapy, 2021, 32, 959-974.	2.7	28
14	Cholesterol in the Viral Membrane is a Molecular Switch Governing HIVâ€1 Env Clustering. Advanced Science, 2021, 8, 2003468.	11.2	20
15	Microscopyâ€based assay for semiâ€quantitative detection of SARSâ€CoVâ€2 specific antibodies in human sera. BioEssays, 2021, 43, e2000257.	2.5	22
16	Transmission of Severe Acute Respiratory Syndrome Coronavirus 2 in Households with Children, Southwest Germany, Mayâ€“August 2020. Emerging Infectious Diseases, 2021, 27, 3009-3019.	4.3	25
17	HIV-1 capsid is the key orchestrator of early viral replication. PLoS Pathogens, 2021, 17, e1010109.	4.7	22
18	A Randomized Open label Phase-II Clinical Trial with or without Infusion of Plasma from Subjects after Convalescence of SARS-CoV-2 Infection in High-Risk Patients with Confirmed Severe SARS-CoV-2 Disease (RECOVER): A structured summary of a study protocol for a randomised controlled trial. Trials, 2020, 21, 828.	1.6	16

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19	Coronataxi Brings Outpatient Care to COVID-19 Patients. Annals of Emergency Medicine, 2020, 76, 811-812.	0.6	4
20	A colorimetric RT-LAMP assay and LAMP-sequencing for detecting SARS-CoV-2 RNA in clinical samples. Science Translational Medicine, 2020, 12, .	12.4	516
21	SARS-CoV-2 RNA Extraction Using Magnetic Beads for Rapid Large-Scale Testing by RT-qPCR and RT-LAMP. Viruses, 2020, 12, 863.	3.3	79
22	The native structure of the assembled matrix protein 1 of influenza A virus. Nature, 2020, 587, 495-498.	27.8	53
23	Structures and distributions of SARS-CoV-2 spike proteins on intact virions. Nature, 2020, 588, 498-502.	27.8	918
24	NSs amyloid formation is associated with the virulence of Rift Valley fever virus in mice. Nature Communications, 2020, 11, 3281.	12.8	36
25	Chemogenetic Control of Nanobodies. Nature Methods, 2020, 17, 279-282.	19.0	58
26	Pre-arrayed Pan-AAV Peptide Display Libraries for Rapid Single-Round Screening. Molecular Therapy, 2020, 28, 1016-1032.	8.2	46
27	IFITM3 Clusters on Virus Containing Endosomes and Lysosomes Early in the Influenza A Infection of Human Airway Epithelial Cells. Viruses, 2019, 11, 548.	3.3	28
28	Analysis of CA Content and CPSF6 Dependence of Early HIV-1 Replication Complexes in SupT1-R5 Cells. MBio, 2019, 10, .	4.1	34
29	Quantification of phosphoinositides reveals strong enrichment of PIP2 in HIV-1 compared to producer cell membranes. Scientific Reports, 2019, 9, 17661.	3.3	45
30	HIV-1 nuclear import in macrophages is regulated by CPSF6-capsid interactions at the nuclear pore complex. ELife, 2019, 8, .	6.0	142
31	Clathrin-adaptor ratio and membrane tension regulate the flat-to-curved transition of the clathrin coat during endocytosis. Nature Communications, 2018, 9, 1109.	12.8	109
32	Structure and architecture of immature and mature murine leukemia virus capsids. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11751-E11760.	7.1	92
33	Detailed Characterization of Early HIV-1 Replication Dynamics in Primary Human Macrophages. Viruses, 2018, 10, 620.	3.3	34
34	High-resolution structures of HIV-1 Gag cleavage mutants determine structural switch for virus maturation. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9401-E9410.	7.1	65
35	Lipidomimetic Compounds Act as HIV-1 Entry Inhibitors by Altering Viral Membrane Structure. Frontiers in Immunology, 2018, 9, 1983.	4.8	14
36	Modeling the Flat to Curved Transition during Clathrin Mediated Endocytosis. Biophysical Journal, 2018, 114, 280a.	0.5	0

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37	The secrets of the stability of the HIV-1 capsid. ELife, 2018, 7, .	6.0	4
38	A Versatile Tool for Live-Cell Imaging and Super-Resolution Nanoscopy Studies of HIV-1 Env Distribution and Mobility. Cell Chemical Biology, 2017, 24, 635-645.e5.	5.2	55
39	Genome packaging of reovirus is mediated by the scaffolding property of the microtubule network. Cellular Microbiology, 2017, 19, e12765.	2.1	25
40	The host-cell restriction factor SERINC5 restricts HIV-1 infectivity without altering the lipid composition and organization of viral particles. Journal of Biological Chemistry, 2017, 292, 13702-13713.	3.4	76
41	Synchronized HIV assembly by tunable PIP2 changes reveals PIP2 requirement for stable Gag anchoring. ELife, 2017, 6, .	6.0	45
42	Superâ€resolved insights into human immunodeficiency virus biology. FEBS Letters, 2016, 590, 1858-1876.	2.8	26
43	The structure and flexibility of conical HIV-1 capsids determined within intact virions. Science, 2016, 354, 1434-1437.	12.6	229
44	Stimulated Emission Depletion Nanoscopy Reveals Time-Course of Human Immunodeficiency Virus Proteolytic Maturation. ACS Nano, 2016, 10, 8215-8222.	14.6	30
45	Functional organization of the HIV lipid envelope. Scientific Reports, 2016, 6, 34190.	3.3	38
46	An atomic model of HIV-1 capsid-SP1 reveals structures regulating assembly and maturation. Science, 2016, 353, 506-508.	12.6	375
47	Integrative analysis of pathogen replication and spread: zooming into increasing complexity. FEBS Letters, 2016, 590, 1855-1857.	2.8	0
48	Breaking the diffraction limit of light-sheet fluorescence microscopy by RESOLFT. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3442-3446.	7.1	72
49	Specific Inhibitors of HIV Capsid Assembly Binding to the C-Terminal Domain of the Capsid Protein: Evaluation of 2-Arylquinazolines as Potential Antiviral Compounds. Journal of Medicinal Chemistry, 2016, 59, 545-558.	6.4	39
50	HIV-1 immune activation induces Siglec-1 expression and enhances viral trans-infection in blood and tissue myeloid cells. Retrovirology, 2015, 12, 37.	2.0	85
51	Reply to â€œCan HIV-1 Entry Sites Be Deduced by Comparing Bulk Endocytosis to Functional Readouts for Viral Fusion?â€• Journal of Virology, 2015, 89, 2986-2987.	3.4	11
52	Triggering HIV polyprotein processing by light using rapid photodegradation of a tight-binding protease inhibitor. Nature Communications, 2015, 6, 6461.	12.8	25
53	Ultrafast, temporally stochastic STED nanoscopy of millisecond dynamics. Nature Methods, 2015, 12, 827-830.	19.0	104
54	Structural Analysis of the Roles of Influenza A Virus Membrane-Associated Proteins in Assembly and Morphology. Journal of Virology, 2015, 89, 8957-8966.	3.4	78

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55	RNA and Nucleocapsid Are Dispensable for Mature HIV-1 Capsid Assembly. Journal of Virology, 2015, 89, 9739-9747.	3.4	17
56	Retroviral proteases and their roles in virion maturation. Virology, 2015, 479-480, 403-417.	2.4	109
57	Live-cell observation of cytosolic HIV-1 assembly onset reveals RNA-interacting Gag oligomers. Journal of Cell Biology, 2015, 210, 629-646.	5.2	86
58	Structure of the immature HIV-1 capsid in intact virus particles at 8.8ÂÃ... resolution. Nature, 2015, 517, 505-508.	27.8	277
59	HIV-1 Capture and Transmission by Dendritic Cells: The Role of Viral Glycolipids and the Cellular Receptor Siglec-1. PLoS Pathogens, 2014, 10, e1004146.	4.7	108
60	The Nucleocapsid Domain of Gag Is Dispensable for Actin Incorporation into HIV-1 and for Association of Viral Budding Sites with Cortical F-Actin. Journal of Virology, 2014, 88, 7893-7903.	3.4	23
61	Investigating the Role of F-Actin in Human Immunodeficiency Virus Assembly by Live-Cell Microscopy. Journal of Virology, 2014, 88, 7904-7914.	3.4	22
62	Re-visiting the functional Relevance of the highly conserved Serine 40 Residue within HIV-1 p6Gag. Retrovirology, 2014, 11, 114.	2.0	5
63	Cryo-electron microscopy of tubular arrays of HIV-1 Gag resolves structures essential for immature virus assembly. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 8233-8238.	7.1	98
64	HIV-1 Entry in SupT1-R5, CEM-ss, and Primary CD4⁺T Cells Occurs at the Plasma Membrane and Does Not Require Endocytosis. Journal of Virology, 2014, 88, 13956-13970.	3.4	58
65	Induced Maturation of Human Immunodeficiency Virus. Journal of Virology, 2014, 88, 13722-13731.	3.4	29
66	Proteome analysis of the HIV-1 Gag interactome. Virology, 2014, 460-461, 194-206.	2.4	46
67	Quantitative microscopy of functional HIV post-entry complexes reveals association of replication with the viral capsid. ELife, 2014, 3, e04114.	6.0	146
68	Single-molecule coordinate-based analysis of the morphology of HIV-1 assembly sites with near-molecular spatial resolution. Histochemistry and Cell Biology, 2013, 139, 173-179.	1.7	57
69	Viruses: Membranes in Disguise - Editorial on the special issue reporting on the priority program 1175 of the Deutsche Forschungsgemeinschaft (German Research Foundation): â€˜Dynamics of cellular membranes and their exploitation by virusesâ€™. Cellular Microbiology, 2013, 15, 159-160.	2.1	0
70	Molecular Characterization of a Respiratory Syncytial Virus Outbreak in a Hematology Unit in Heidelberg, Germany. Journal of Clinical Microbiology, 2013, 51, 155-162.	3.9	46
71	Multimerizable HIV Gag derivative binds to the liquid-disordered phase in model membranes. Cellular Microbiology, 2013, 15, 237-247.	2.1	29
72	Comparative lipidomics analysis of HIV-1 particles and their producer cell membrane in different cell lines. Cellular Microbiology, 2013, 15, 292-304.	2.1	157

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73	Mutations in Multiple Domains of Gag Drive the Emergence of In Vitro Resistance to the Phosphonate-Containing HIV-1 Protease Inhibitor GS-8374. Journal of Virology, 2013, 87, 454-463.	3.4	9
74	Robust RNAi enhancement via human Argonaute-2 overexpression from plasmids, viral vectors and cell lines. Nucleic Acids Research, 2013, 41, e199-e199.	14.5	53
75	Super-Resolution Microscopy Reveals Specific Recruitment of HIV-1 Envelope Proteins to Viral Assembly Sites Dependent on the Envelope C-Terminal Tail. PLoS Pathogens, 2013, 9, e1003198.	4.7	131
76	Gag-Pol Processing during HIV-1 Virion Maturation: A Systems Biology Approach. PLoS Computational Biology, 2013, 9, e1003103.	3.2	49
77	Comprehensive Mutational Analysis Reveals p6 ^{Gag} Phosphorylation To Be Dispensable for HIV-1 Morphogenesis and Replication. Journal of Virology, 2013, 87, 724-734.	3.4	17
78	Sialyllactose in Viral Membrane Gangliosides Is a Novel Molecular Recognition Pattern for Mature Dendritic Cell Capture of HIV-1. PLoS Biology, 2012, 10, e1001315.	5.6	78
79	Siglec-1 Is a Novel Dendritic Cell Receptor That Mediates HIV-1 Trans-Infection Through Recognition of Viral Membrane Gangliosides. PLoS Biology, 2012, 10, e1001448.	5.6	208
80	Maturation-Dependent HIV-1 Surface Protein Redistribution Revealed by Fluorescence Nanoscopy. Science, 2012, 338, 524-528.	12.6	245
81	Mutations in HIV-1gagandpolCompensate for the Loss of Viral Fitness Caused by a Highly Mutated Protease. Antimicrobial Agents and Chemotherapy, 2012, 56, 4320-4330.	3.2	40
82	An expanded model of HIV cell entry phenotype based on multi-parameter single-cell data. Retrovirology, 2012, 9, 60.	2.0	15
83	Role of the SP2 Domain and Its Proteolytic Cleavage in HIV-1 Structural Maturation and Infectivity. Journal of Virology, 2012, 86, 13708-13716.	3.4	37
84	HIV-1 Assembly, Budding, and Maturation. Cold Spring Harbor Perspectives in Medicine, 2012, 2, a006924-a006924.	6.2	605
85	Direct and Dynamic Detection of HIV-1 in Living Cells. PLoS ONE, 2012, 7, e50026.	2.5	42
86	Immune Reconstitution During the First Year of Antiretroviral Therapy of HIV-1-Infected Adults in Rural Burkina Faso. Open AIDS Journal, 2012, 6, 16-25.	0.5	10
87	Delayed detection of cytomegalovirus-specific T-helper cells in a preterm infant following intrauterine exposure to tacrolimus. Clinical Laboratory, 2012, 58, 811-5.	0.5	3
88	Role of the Clathrin Terminal Domain in Regulating Coated Pit Dynamics Revealed by Small Molecule Inhibition. Cell, 2011, 146, 471-484.	28.9	459
89	The Molecular Architecture of HIV. Journal of Molecular Biology, 2011, 410, 491-500.	4.2	164
90	Constitutive activation and accelerated maturation of peripheral blood t cells in healthy adults in burkina faso compared to Germany: The case of malaria?. European Journal of Medical Research, 2011, 16, 519.	2.2	1

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91	Live-cell visualization of dynamics of HIV budding site interactions with an ESCRT component. Nature Cell Biology, 2011, 13, 469-474.	10.3	173
92	Activation and maturation of peripheral blood T cells in HIV-1-infected and HIV-1-uninfected adults in Burkina Faso: a cross-sectional study. Journal of the International AIDS Society, 2011, 14, 57.	3.0	3
93	The Cellular Protein Lyric Interacts with HIV-1 Gag. Journal of Virology, 2011, 85, 13322-13332.	3.4	20
94	Architecture and Regulation of the HIV-1 Assembly and Holding Compartment in Macrophages. Journal of Virology, 2011, 85, 7922-7927.	3.4	47
95	Role of Lipids in Virus Replication. Cold Spring Harbor Perspectives in Biology, 2011, 3, a004820-a004820.	5.5	235
96	From experimental setup to bioinformatics: An RNAi screening platform to identify host factors involved in HIVâ€1 replication. Biotechnology Journal, 2010, 5, 39-49.	3.5	39
97	Conserved and Variable Features of Gag Structure and Arrangement in Immature Retrovirus Particles. Journal of Virology, 2010, 84, 11729-11736.	3.4	52
98	Divergent Evolution in Reverse Transcriptase (RT) of HIV-1 Group O and M Lineages: Impact on Structure, Fitness, and Sensitivity to Nonnucleoside RT Inhibitors. Journal of Virology, 2010, 84, 9817-9830.	3.4	25
99	CD317/Tetherin Is Enriched in the HIV-1 Envelope and Downregulated from the Plasma Membrane upon Virus Infection. Journal of Virology, 2010, 84, 4646-4658.	3.4	94
100	Cryo Electron Tomography of Native HIV-1 Budding Sites. PLoS Pathogens, 2010, 6, e1001173.	4.7	119
101	Structural Analysis of HIV-1 Maturation Using Cryo-Electron Tomography. PLoS Pathogens, 2010, 6, e1001215.	4.7	96
102	Selection of Potent Non-Toxic Inhibitory Sequences from a Randomized HIV-1 Specific Lentiviral Short Hairpin RNA Library. PLoS ONE, 2010, 5, e13172.	2.5	5
103	Probing HIV-1 Membrane Liquid Order by Laurdan Staining Reveals Producer Cell-dependent Differences. Journal of Biological Chemistry, 2009, 284, 22238-22247.	3.4	78
104	Gag Mutations Strongly Contribute to HIV-1 Resistance to Protease Inhibitors in Highly Drug-Experienced Patients besides Compensating for Fitness Loss. PLoS Pathogens, 2009, 5, e1000345.	4.7	124
105	Dynamics of HIV-1 Assembly and Release. PLoS Pathogens, 2009, 5, e1000652.	4.7	178
106	HIV-1 Gag Processing Intermediates Trans-dominantly Interfere with HIV-1 Infectivity. Journal of Biological Chemistry, 2009, 284, 29692-29703.	3.4	97
107	Analysis of the diversity of the HIVâ€1 pol gene and drug resistance associated changes among drugâ€naÃ¯ve patients in Burkina Faso. Journal of Medical Virology, 2009, 81, 1691-1701.	5.0	22
108	HIV-1 Antagonism of CD317 Is Species Specific and Involves Vpu-Mediated Proteasomal Degradation of the Restriction Factor. Cell Host and Microbe, 2009, 5, 285-297.	11.0	240

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109	Design of HIV Protease Inhibitors Based on Inorganic Polyhedral Metallacarboranes. Journal of Medicinal Chemistry, 2009, 52, 7132-7141.	6.4	132
110	Cross-Clade Recognition of HIV-1 CAp24 by CD4+ T Cells in HIV-1-Infected Individuals in Burkina Faso and Germany. Open AIDS Journal, 2009, 3, 4-7.	0.5	1
111	Genotypic resistance testing in HIV by arrayed primer extension. Analytical and Bioanalytical Chemistry, 2008, 391, 1661-1669.	3.7	4
112	HIV-1â€“cellular interactions analyzed by single virus tracing. European Biophysics Journal, 2008, 37, 1291-1301.	2.2	30
113	Three-Dimensional Analysis of Budding Sites and Released Virus Suggests a Revised Model for HIV-1 Morphogenesis. Cell Host and Microbe, 2008, 4, 592-599.	11.0	208
114	Residues in the HIV-1 Capsid Assembly Inhibitor Binding Site Are Essential for Maintaining the Assembly-competent Quaternary Structure of the Capsid Protein. Journal of Biological Chemistry, 2008, 283, 32024-32033.	3.4	74
115	NEDD4L Overexpression Rescues the Release and Infectivity of Human Immunodeficiency Virus Type 1 Constructs Lacking PTAP and YPXL Late Domains. Journal of Virology, 2008, 82, 4884-4897.	3.4	144
116	HIV Drug Resistance Pattern Among HAART-Exposed Patients With Suboptimal Virological Response in Ouagadougou, Burkina Faso. Journal of Acquired Immune Deficiency Syndromes (1999), 2008, 49, 17-25.	2.1	24
117	HIV-1 Buds Predominantly at the Plasma Membrane of Primary Human Macrophages. PLoS Pathogens, 2007, 3, e36.	4.7	228
118	A Novel Substrate-Based HIV-1 Protease Inhibitor Drug Resistance Mechanism. PLoS Medicine, 2007, 4, e36.	8.4	146
119	The Major 5â€² End of HIV Type 1 RNA Corresponds to G456. AIDS Research and Human Retroviruses, 2007, 23, 1042-1048.	1.1	16
120	Ubiquitination of Human Immunodeficiency Virus Type 1 Gag Is Highly Dependent on Gag Membrane Association. Journal of Virology, 2007, 81, 9193-9201.	3.4	35
121	Acetylation of the foamy virus transactivator Tas by PCAF augments promoter-binding affinity and virus transcription. Journal of General Virology, 2007, 88, 259-263.	2.9	16
122	More than one door - Budding of enveloped viruses through cellular membranes. FEBS Letters, 2007, 581, 2089-2097.	2.8	164
123	Aptamer Displacement Identifies Alternative Small-Molecule Target Sites that Escape Viral Resistance. Chemistry and Biology, 2007, 14, 804-812.	6.0	49
124	Double-labelled HIV-1 particles for study of virusâ€“cell interaction. Virology, 2007, 360, 92-104.	2.4	121
125	Interactions of human retroviruses with the host cell cytoskeleton. Current Opinion in Microbiology, 2006, 9, 409-415.	5.1	77
126	Ultrastructural Analysis of ESCRT Proteins Suggests a Role for Endosome-Associated Tubular-Vesicular Membranes in ESCRT Function. Traffic, 2006, 7, 1551-1566.	2.7	61

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127	The Mechanism of HIV-1 Core Assembly: Insights from Three-Dimensional Reconstructions of Authentic Virions. Structure, 2006, 14, 15-20.	3.3	188
128	Seroprevalence of six different viruses among pregnant women and blood donors in rural and urban Burkina Faso: A comparative analysis. Journal of Medical Virology, 2006, 78, 683-692.	5.0	131
129	Diversity of HIV in Rural Burkina Faso. Journal of Acquired Immune Deficiency Syndromes (1999), 2006, 43, 144-152.	2.1	23
130	Cumulative Mutations of Ubiquitin Acceptor Sites in Human Immunodeficiency Virus Type 1 Gag Cause a Late Budding Defect. Journal of Virology, 2006, 80, 6267-6275.	3.4	45
131	The HIV lipidome: A raft with an unusual composition. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2641-2646.	7.1	621
132	A peptide inhibitor of HIV-1 assembly in vitro. Nature Structural and Molecular Biology, 2005, 12, 671-677.	8.2	209
133	The HIV-1 capsid protein C-terminal domain in complex with a virus assembly inhibitor. Nature Structural and Molecular Biology, 2005, 12, 678-682.	8.2	167
134	Production of infectious hepatitis C virus in tissue culture from a cloned viral genome. Nature Medicine, 2005, 11, 791-796.	30.7	2,561
135	Involvement of Clathrin-Mediated Endocytosis in Human Immunodeficiency Virus Type 1 Entry. Journal of Virology, 2005, 79, 1581-1594.	3.4	202
136	Analysis of Human Immunodeficiency Virus Type 1 Gag Ubiquitination. Journal of Virology, 2005, 79, 9134-9144.	3.4	58
137	From nonpeptide toward noncarbon protease inhibitors: Metallacarboranes as specific and potent inhibitors of HIV protease. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 15394-15399.	7.1	279
138	Splicing of human immunodeficiency virus RNA is position-dependent suggesting sequential removal of introns from the 5' end. Nucleic Acids Research, 2005, 33, 825-837.	14.5	37
139	Nuclear RNAs confined to a reticular compartment between chromosome territories. Experimental Cell Research, 2005, 302, 180-193.	2.6	27
140	Construction and Characterization of a Fluorescently Labeled Infectious Human Immunodeficiency Virus Type 1 Derivative. Journal of Virology, 2004, 78, 10803-10813.	3.4	201
141	The Human Endosomal Sorting Complex Required for Transport (ESCRT-I) and Its Role in HIV-1 Budding. Journal of Biological Chemistry, 2004, 279, 36059-36071.	3.4	134
142	The stoichiometry of Gag protein in HIV-1. Nature Structural and Molecular Biology, 2004, 11, 672-675.	8.2	462
143	Mutation of the major 5â€² splice site renders a CMV-driven HIV-1 proviral clone Tat-dependent: connections between transcription and splicing. FEBS Letters, 2004, 563, 113-118.	2.8	29
144	Structural organization of authentic, mature HIV-1 virions and cores. EMBO Journal, 2003, 22, 1707-1715.	7.8	390

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146	Transport of the Intracisternal A-Type Particle Gag Polyprotein to the Endoplasmic Reticulum Is Mediated by the Signal Recognition Particle. Journal of Virology, 2003, 77, 6293-6304.	3.4	11
147	The Mason-Pfizer Monkey Virus PPPY and PSAP Motifs Both Contribute to Virus Release. Journal of Virology, 2003, 77, 9474-9485.	3.4	114
148	Genotypic and Phenotypic Analysis of HIV Type 1 Primary Isolates from Western Cameroon. AIDS Research and Human Retroviruses, 2002, 18, 39-48.	1.1	44
149	The Late-Domain-Containing Protein p6 Is the Predominant Phosphoprotein of Human Immunodeficiency Virus Type 1 Particles. Journal of Virology, 2002, 76, 1015-1024.	3.4	50
150	HIV: Epidemiology and Strategies for Therapy and Vaccination. Intervirology, 2002, 45, 260-266.	2.8	4
151	The Murine Endogenous Retrovirus MIA14 Encodes an Active Aspartic Proteinase That Is Functionally Similar to Proteinases from D-Type Retroviruses. Archives of Biochemistry and Biophysics, 2002, 398, 261-268.	3.0	11
152	A recombinant virus assay using full-length envelope sequences to detect changes in HIV-1 co-receptor usage. Virus Genes, 2001, 23, 281-290.	1.6	8
153	Nucleocytoplasmic RNA Transport in Retroviral Replication. Results and Problems in Cell Differentiation, 2001, 34, 197-217.	0.7	30
154	Systematic mutational analysis of the activeâ€site threonine of HIVâ€1 proteinase: Rethinking the â€œfireman's gripâ€•hypothesis. Protein Science, 2000, 9, 1631-1641.	7.6	39
155	Context Dependence of Different Modules for Posttranscriptional Enhancement of Gene Expression from Retroviral Vectors. Molecular Therapy, 2000, 2, 435-445.	8.2	188
156	Parameters Influencing Measurement of the Gag Antigen-Specific T-Proliferative Response to HIV Type 1 Infection. AIDS Research and Human Retroviruses, 2000, 16, 259-271.	1.1	9
157	Multiple copies of the Mason-Pfizer monkey virus constitutive RNA transport element lead to enhanced HIV-1 Gag expression in a context-dependent manner. Nucleic Acids Research, 2000, 28, 901-910.	14.5	71
158	Competitive Inhibition of Human Immunodeficiency Virus Type-1 Protease by the Gag-Pol Transframe Protein. Journal of Biological Chemistry, 1999, 274, 21539-21543.	3.4	33
159	Potency Comparison of Peptidomimetic Inhibitors against HIV-1 and HIV-2 Proteinases: Design of Equipotent Lead Compounds. Archives of Biochemistry and Biophysics, 1997, 341, 62-69.	3.0	18
160	Cryo-electron microscopy reveals ordered domains in the immature HIV-1 particle. Current Biology, 1997, 7, 729-738.	3.9	270
161	Configurations of Diastereomeric Hydroxyethylene Isosteres Strongly Affect Biological Activities of a Series of Specific Inhibitors of Human-Immunodeficiency-Virus Proteinase. FEBS Journal, 1997, 250, 559-566.	0.2	25
162	In Vitro Assembly Properties of Purified Bacterially Expressed Capsid Proteins of Human Immunodeficiency Virus. FEBS Journal, 1997, 249, 592-600.	0.2	195

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163	A Modular Approach to HIV-1 Proteinase Inhibitor Design. Biochemical and Biophysical Research Communications, 1996, 222, 38-43.	2.1	16
164	Proteolytic Processing of Particle-Associated Retroviral Polyproteins by Homologous and Heterologous Viral Proteinases. FEBS Journal, 1995, 228, 191-198.	0.2	42
165	A possible regulation of negative factor (Nef) activity of human immunodeficiency virus type 1 by the viral protease. FEBS Journal, 1994, 223, 589-593.	0.2	58
166	Genetic analysis and gene expression of human immunodeficiency virus. Current Opinion in Genetics and Development, 1992, 2, 82-89.	3.3	4
167	Expression of biologically active HIV glycoproteins using a T7 RNA polymerase-based eucaryotic vector system. Virus Genes, 1992, 6, 229-246.	1.6	11
168	Expression inEscherichiacoli and Purification of Human Immunodeficiency Virus Type 1 Capsid Protein (p24). AIDS Research and Human Retroviruses, 1990, 6, 1169-1175.	1.1	54
169	Polyprotein processing in picornavirus replication. Biochimie, 1988, 70, 119-130.	2.6	57
170	Viral Proteinases. Annual Review of Biochemistry, 1988, 57, 701-754.	11.1	613