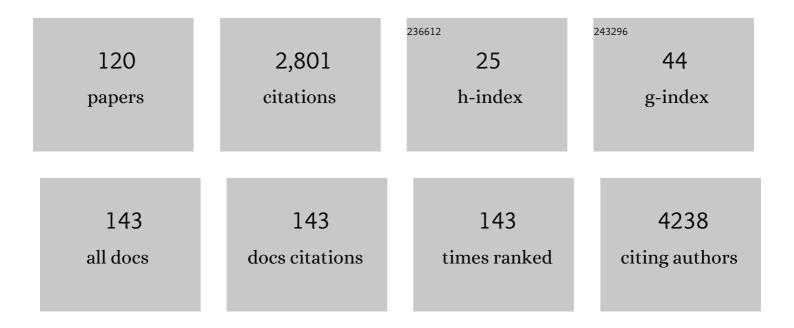
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Gut microbiota diversity predicts immune status in HIV-1 infection. Aids, 2015, 29, 2409-2418.	1.0	238
2	Dysregulation in Akt/mTOR/HIF-1 signaling identified by proteo-transcriptomics of SARS-CoV-2 infected cells. Emerging Microbes and Infections, 2020, 9, 1748-1760.	3.0	221
3	Global epidemiology of drug resistance after failure of WHO recommended first-line regimens for adult HIV-1 infection: a multicentre retrospective cohort study. Lancet Infectious Diseases, The, 2016, 16, 565-575.	4.6	217
4	Richer gut microbiota with distinct metabolic profile in HIV infected Elite Controllers. Scientific Reports, 2017, 7, 6269.	1.6	79
5	Systemic Inflammation and the Increased Risk of Inflamm-Aging and Age-Associated Diseases in People Living With HIV on Long Term Suppressive Antiretroviral Therapy. Frontiers in Immunology, 2019, 10, 1965.	2.2	77
6	Multiple NF-κB Sites in HIV-1 Subtype C Long Terminal Repeat Confer Superior Magnitude of Transcription and Thereby the Enhanced Viral Predominance. Journal of Biological Chemistry, 2012, 287, 44714-44735.	1.6	68
7	The Impact of Human Immunodeficiency Virus Infection on Gut Microbiota α-Diversity: An Individual-level Meta-analysis. Clinical Infectious Diseases, 2020, 70, 615-627.	2.9	65
8	Metabolic Perturbation Associated With COVID-19 Disease Severity and SARS-CoV-2 Replication. Molecular and Cellular Proteomics, 2021, 20, 100159.	2.5	65
9	Molecular Epidemiology of HIV-1 Subtypes in India: Origin and Evolutionary History of the Predominant Subtype C. PLoS ONE, 2012, 7, e39819.	1.1	64
10	Clade C HIV-1 isolates circulating in Southern Africa exhibit a greater frequency of dicysteine motif-containing Tat variants than those in Southeast Asia and cause increased neurovirulence. Retrovirology, 2013, 10, 61.	0.9	63
11	Cell-type-resolved quantitative proteomics map of interferon response against SARS-CoV-2. IScience, 2021, 24, 102420.	1.9	50
12	Temporal Trends in the Swedish HIV-1 Epidemic: Increase in Non-B Subtypes and Recombinant Forms over Three Decades. PLoS ONE, 2014, 9, e99390.	1.1	48
13	Plasma Metabolic Signature and Abnormalities in HIV-Infected Individuals on Long-Term Successful Antiretroviral Therapy. Metabolites, 2019, 9, 210.	1.3	46
14	Virological failure in patients with HIV-1 subtype C receiving antiretroviral therapy: an analysis of a prospective national cohort in Sweden. Lancet HIV,the, 2016, 3, e166-e174.	2.1	43
15	GS-CA Compounds: First-In-Class HIV-1 Capsid Inhibitors Covering Multiple Grounds. Frontiers in Microbiology, 2019, 10, 1227.	1.5	43
16	A high-risk gut microbiota configuration associates with fatal hyperinflammatory immune and metabolic responses to SARS-CoV-2. Gut Microbes, 2022, 14, 2073131.	4.3	40
17	Community prevalence of methicillin and vancomycin resistant Staphylococcus aureus in and around Bangalore, southern India. Revista Da Sociedade Brasileira De Medicina Tropical, 2011, 44, 309-312.	0.4	37
18	Subtypeâ€independent near fullâ€length HIVâ€1 genome sequencing and assembly to be used in large molecular epidemiological studies and clinical management. Journal of the International AIDS Society, 2015, 18, 20035.	1.2	33

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19	Immune Checkpoints as the Immune System Regulators and Potential Biomarkers in HIV-1 Infection. International Journal of Molecular Sciences, 2018, 19, 2000.	1.8	33
20	Utility of Proteomics in Emerging and Re-Emerging Infectious Diseases Caused by RNA Viruses. Journal of Proteome Research, 2020, 19, 4259-4274.	1.8	32
21	Ex-vivo antiretroviral potency of newer integrase strand transfer inhibitors cabotegravir and bictegravir in HIV type 1 non-B subtypes. Aids, 2018, 32, 469-476.	1.0	31
22	The disproportionate effect of COVID-19 mortality on ethnic minorities: Genetics or health inequalities?. EClinicalMedicine, 2020, 23, 100430.	3.2	29
23	Cost-efficient HIV-1 drug resistance surveillance using multiplexed high-throughput amplicon sequencing: implications for use in low- and middle-income countries. Journal of Antimicrobial Chemotherapy, 2014, 69, 3349-3355.	1.3	28
24	Transcriptomics and Targeted Proteomics Analysis to Gain Insights Into the Immune-control Mechanisms of HIV-1 Infected Elite Controllers. EBioMedicine, 2018, 27, 40-50.	2.7	28
25	Pretreatment drug resistance in a large countrywide Ethiopian HIV-1C cohort: a comparison of Sanger and high-throughput sequencing. Scientific Reports, 2018, 8, 7556.	1.6	28
26	Drug Resistance in Non-B Subtype HIV-1: Impact of HIV-1 Reverse Transcriptase Inhibitors. Viruses, 2014, 6, 3535-3562.	1.5	27
27	The microbial metabolite trimethylamine-N-oxide in association with inflammation and microbial dysregulation in three HIV cohorts at various disease stages. Aids, 2018, 32, 1589-1598.	1.0	26
28	Feasibility of Known RNA Polymerase Inhibitors as Anti-SARS-CoV-2 Drugs. Pathogens, 2020, 9, 320.	1.2	26
29	Human APOBEC3Gâ€mediated hypermutation is associated with antiretroviral therapy failure in HIVâ€1 subtype Câ€infected individuals. Journal of the International AIDS Society, 2013, 16, 18472.	1.2	25
30	Sub-attomole detection of HIV-1 using padlock probes and rolling circle amplification combined with microfluidic affinity chromatography. Biosensors and Bioelectronics, 2020, 166, 112442.	5.3	25
31	Nucleoside-Modified mRNA Vaccines Protect IFNAR ^{–/–} Mice against Crimean-Congo Hemorrhagic Fever Virus Infection. Journal of Virology, 2022, 96, JVI0156821.	1.5	24
32	A high rate of <scp>HIV</scp> â€1 acquisition post immigration among migrants in Sweden determined by a <scp>CD</scp> 4 Tâ€cell decline trajectory model. HIV Medicine, 2017, 18, 677-684.	1.0	23
33	Type-I interferon signatures in SARS-CoV-2 infected Huh7 cells. Cell Death Discovery, 2021, 7, 114.	2.0	23
34	Naturally Occurring Polymorphisms and Primary Drug Resistance Profile Among Antiretroviral-Naive Individuals in Bangalore, India. AIDS Research and Human Retroviruses, 2010, 26, 1097-1101.	0.5	22
35	Long-Term Efficacy of First Line Antiretroviral Therapy in Indian HIV-1 Infected Patients: A Longitudinal Cohort Study. PLoS ONE, 2013, 8, e55421.	1.1	22
36	In silico and in vitro studies reveal complement system drives coagulation cascade in SARS-CoV-2 pathogenesis. Computational and Structural Biotechnology Journal, 2020, 18, 3734-3744.	1.9	22

UJJWAL NEOGI

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37	Analyses of HIV-1 integrase sequences prior to South African national HIV-treatment program and availability of integrase inhibitors in Cape Town, South Africa. Scientific Reports, 2018, 8, 4709.	1.6	21
38	Unique Phenotypic Characteristics of Recently Transmitted HIV-1 Subtype C Envelope Glycoprotein gp120: Use of CXCR6 Coreceptor by Transmitted Founder Viruses. Journal of Virology, 2018, 92, .	1.5	20
39	Characterization of Inducible Transcription and Translation-Competent HIV-1 Using the RNAscope ISH Technology at a Single-Cell Resolution. Frontiers in Microbiology, 2018, 9, 2358.	1.5	20
40	Selection of nonnucleoside reverse transcriptase inhibitor-associated mutations in HIV-1 subtype C: evidence of etravirine cross-resistance. Aids, 2011, 25, 1123-1126.	1.0	19
41	Novel tetra-peptide insertion in Gag-p6 ALIX-binding motif in HIV-1 subtype C associated with protease inhibitor failure in Indian patients. Aids, 2014, 28, 2319-2322.	1.0	19
42	Multiplexed next-generation sequencing and de novo assembly to obtain near full-length HIV-1 genome from plasma virus. Journal of Virological Methods, 2016, 236, 98-104.	1.0	19
43	Structural Implications of Genotypic Variations in HIV-1 Integrase From Diverse Subtypes. Frontiers in Microbiology, 2018, 9, 1754.	1.5	19
44	Altered Gut Microbiome under Antiretroviral Therapy: Impact of Efavirenz and Zidovudine. ACS Infectious Diseases, 2021, 7, 1104-1115.	1.8	19
45	Virological efficacy with firstâ€line antiretroviral treatment in India: predictors of viral failure and evidence of viral resuppression. Tropical Medicine and International Health, 2015, 20, 1462-1472.	1.0	18
46	Phylogenetic Analysis of Ethiopian HIV-1 Subtype C Near Full-Length Genomes Reveals High Intrasubtype Diversity and a Strong Geographical Cluster. AIDS Research and Human Retroviruses, 2016, 32, 471-474.	0.5	18
47	High viremia and low level of transmitted drug resistance in anti-retroviral therapy-naÃ ⁻ ve perinatally-infected children and adolescents with HIV-1 subtype C infection. BMC Infectious Diseases, 2012, 12, 317.	1.3	17
48	Effectiveness of First-line Antiretroviral Therapy and Acquired Drug Resistance Among HIV-1–infected Children in India. Pediatric Infectious Disease Journal, 2013, 32, e227-e229.	1.1	17
49	Plasma soluble factor following two decades prolonged suppressive antiretroviral therapy in HIV-1-positive males. Medicine (United States), 2018, 97, e9759.	0.4	17
50	Impact of Long COVID on health and quality of life. HRB Open Research, 0, 5, 31.	0.3	17
51	Higher Prevalence of Predicted X4-Tropic Strains in Perinatally Infected Older Children With HIV-1 Subtype C in India. Journal of Acquired Immune Deficiency Syndromes (1999), 2012, 59, 347-353.	0.9	15
52	Mutational Heterogeneity in p6 Gag Late Assembly (L) Domains in HIV-1 Subtype C Viruses from South Africa. AIDS Research and Human Retroviruses, 2016, 32, 80-84.	0.5	15
53	Whole-Genome Metagenomic Analysis of the Gut Microbiome in HIV-1-Infected Individuals on Antiretroviral Therapy. Frontiers in Microbiology, 2021, 12, 667718.	1.5	15
54	Azadirachta indica A. Juss bark extract and its Nimbin isomers restrict Î ² -coronaviral infection and replication. Virology, 2022, 569, 13-28.	1.1	15

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55	Novel HIV-1 long terminal repeat (LTR) sequences of subtype B and mosaic intersubtype B/C recombinants in North India. Archives of Virology, 2008, 153, 1961-1966.	0.9	14
56	Genetic and functional characterization of human immunodeficiency virus type 1 VprC variants from north India: presence of unique recombinants with mosaic genomes from B, C and D subtypes within the open reading frame of Vpr. Journal of General Virology, 2009, 90, 2768-2776.	1.3	14
57	Drug Resistance Mutations Against Protease, Reverse Transcriptase and Integrase Inhibitors in People Living With HIV-1 Receiving Boosted Protease Inhibitors in South Africa. Frontiers in Microbiology, 2020, 11, 438.	1.5	14
58	Distinct lipid profile, low-level inflammation, and increased antioxidant defense signature in HIV-1 elite control status. IScience, 2021, 24, 102111.	1.9	14
59	The Association between Out-of-Pocket Expenditure and COVID-19 Mortality Globally. Journal of Epidemiology and Global Health, 2020, 10, 192.	1.1	14
60	The central role of the glutamate metabolism in long-term antiretroviral treated HIV-infected individuals with metabolic syndrome. Aging, 2021, 13, 22732-22751.	1.4	14
61	Genetic analysis of HIV-1 Circulating Recombinant Form 02_AG, B and C subtype-specific envelope sequences from Northern India and their predicted co-receptor usage. AIDS Research and Therapy, 2009, 6, 28.	0.7	13
62	Co-receptor tropism prediction among 1045 Indian HIV-1 subtype C sequences: Therapeutic implications for India. AIDS Research and Therapy, 2010, 7, 24.	0.7	13
63	Genetic Characterization of HIV Type 1 Tat Exon 1 from a Southern Indian Clinical Cohort: Identification of Unique Epidemiological Signature Residues. AIDS Research and Human Retroviruses, 2012, 28, 1152-1156.	0.5	13
64	Recent increased identification and transmission of HIV-1 unique recombinant forms in Sweden. Scientific Reports, 2017, 7, 6371.	1.6	13
65	Trans cohort metabolic reprogramming towards glutaminolysis in long-term successfully treated HIV-infection. Communications Biology, 2022, 5, 27.	2.0	13
66	Global HIV-1 molecular epidemiology with special reference to genetic analysis of HIV-1 subtypes circulating in North India: functional and pathogenic implications of genetic variation. Indian Journal of Experimental Biology, 2009, 47, 424-31.	0.5	13
67	High concordance of genotypic coreceptor prediction in plasma-viral RNA and proviral DNA of HIV-1 subtype C: implications for use of whole blood DNA in resource-limited settings. Journal of Antimicrobial Chemotherapy, 2013, 68, 2003-2006.	1.3	12
68	The gp120 Protein Is a Second Determinant of Decreased Neurovirulence of Indian HIV-1C Isolates Compared to Southern African HIV-1C Isolates. PLoS ONE, 2014, 9, e107074.	1.1	12
69	Increased replication capacity following evolution of PYxE insertion in Gagâ€p6 is associated with enhanced virulence in HIVâ€1 subtype C from East Africa. Journal of Medical Virology, 2017, 89, 106-111.	2.5	12
70	Quantitative humoral profiling of the HIV-1 proteome in elite controllers and patients with very long-term efficient antiretroviral therapy. Scientific Reports, 2017, 7, 666.	1.6	12
71	Antiretroviral potency of 4′-ethnyl-2′-fluoro-2′-deoxyadenosine, tenofovir alafenamide and second-generation NNRTIs across diverse HIV-1 subtypes. Journal of Antimicrobial Chemotherapy, 2018, 73, 2721-2728.	1.3	12
72	Multi-omics insights into host-viral response and pathogenesis in Crimean-Congo hemorrhagic fever viruses for novel therapeutic target. ELife, 2022, 11, .	2.8	12

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73	Microfluidic centrifugation assisted precipitation based DNA quantification. Lab on A Chip, 2019, 19, 1657-1664.	3.1	11
74	HIV-1 Subtype C with PYxE Insertion Has Enhanced Binding of Gag-p6 to Host Cell Protein ALIX and Increased Replication Fitness. Journal of Virology, 2019, 93, .	1.5	11
75	Drug resistance testing through remote genotyping and predicted treatment options in human immunodeficiency virus type 1 infected Tanzanian subjects failing first or second line antiretroviral therapy. PLoS ONE, 2017, 12, e0178942.	1.1	11
76	Genetic architecture of HIV-1 genes circulating in north India & their functional implications. Indian Journal of Medical Research, 2011, 134, 769.	0.4	11
77	Integrative Lipidomics and Metabolomics for System-Level Understanding of the Metabolic Syndrome in Long-Term Treated HIV-Infected Individuals. Frontiers in Immunology, 2021, 12, 742736.	2.2	11
78	Metabolic rewiring and serotonin depletion in patients with postacute sequelae of COVIDâ€19. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 1623-1625.	2.7	11
79	Phenotypic co-receptor tropism and Maraviroc sensitivity in HIV-1 subtype C from East Africa. Scientific Reports, 2018, 8, 2363.	1.6	10
80	Antiviral drug research for Japanese encephalitis: an updated review. Pharmacological Reports, 2022, 74, 273-296.	1.5	10
81	Genetic factors associated with slow progression of HIV among perinatally-infected Indian children. Indian Pediatrics, 2014, 51, 801-803.	0.2	8
82	HIV-1 Coreceptor Tropism in India. Journal of Acquired Immune Deficiency Syndromes (1999), 2014, 65, 397-404.	0.9	8
83	Performance of Genotypic Tools for Prediction of Tropism in HIV-1 Subtype C V3 Loop Sequences. Intervirology, 2015, 58, 1-5.	1.2	7
84	Elevated Numbers of HIV-Specific Poly-Functional CD8+ T Cells With Stem Cell-Like and Follicular Homing Phenotypes in HIV-Exposed Seronegative Individuals. Frontiers in Immunology, 2021, 12, 638144.	2.2	7
85	Fecal Metabolome Signature in the HIV-1 Elite Control Phenotype: Enrichment of Dipeptides Acts as an HIV-1 Antagonist but a <i>Prevotella</i> Agonist. Journal of Virology, 2021, 95, e0047921.	1.5	7
86	Deciphering the Role of Mucosal Immune Responses and the Cervicovaginal Microbiome in Resistance to HIV Infection in HIV-Exposed Seronegative (HESN) Women. Microbiology Spectrum, 2021, 9, e0047021.	1.2	7
87	Integrative proteo-transcriptomic and immunophenotyping signatures of HIV-1 elite control phenotype: A cross-talk between glycolysis and HIF signaling. IScience, 2022, 25, 103607.	1.9	7
88	Genome-scale metabolic models for natural and long-term drug-induced viral control in HIV infection. Life Science Alliance, 2022, 5, e202201405.	1.3	7
89	Limited Evolution but Increasing Trends of Primary Non-Nucleoside Reverse Transcriptase Inhibitor Resistance Mutations in Therapy-Naive HIV-1-Infected Individuals in India. Antiviral Therapy, 2014, 19, 813-818.	0.6	6
90	Factors influencing the efficacy of rilpivirine in HIV-1 subtype C in low- and middle-income countries. Journal of Antimicrobial Chemotherapy, 2016, 71, 367-371.	1.3	6

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91	A viral genome wide association study and genotypic resistance testing in patients failing first line antiretroviral therapy in the first large countrywide Ethiopian HIV cohort. BMC Infectious Diseases, 2019, 19, 569.	1.3	6
92	Strain-specific effect on biphasic DNA binding by HIV-1 integrase. Aids, 2019, 33, 588-592.	1.0	6
93	Following the path: Increasing trends of HIV-1 drug resistance in China. EClinicalMedicine, 2020, 18, 100251.	3.2	6
94	Distinct Metabolic Profile Associated with a Fatal Outcome in COVID-19 Patients during the Early Epidemic in Italy. Microbiology Spectrum, 2021, 9, e0054921.	1.2	6
95	Genetic and functional analysis of HIV-1 Rev Responsive Element (RRE) sequences from North-India. AIDS Research and Therapy, 2010, 7, 28.	0.7	5
96	Diversity of HIV Type 1 Long Terminal Repeat (LTR) Sequences Following Mother-to-Child Transmission in North India. AIDS Research and Human Retroviruses, 2010, 26, 1299-1305.	0.5	5
97	Characterization of HIV Type 1 Subtype C protease Gene: Selection of L63P Mutation in Protease Inhibitor-Naive Indian Patients. AIDS Research and Human Retroviruses, 2011, 27, 1249-1253.	0.5	5
98	HIV elite control is associated with reduced TRAILshort expression. Aids, 2019, 33, 1757-1763.	1.0	5
99	Increased acquired protease inhibitor drug resistance mutations in minor HIV-1 quasispecies from infected patients suspected of failing on national second-line therapy in South Africa. BMC Infectious Diseases, 2021, 21, 214.	1.3	5
100	Coordinated pyruvate kinase activity is crucial for metabolic adaptation and cell survival during mitochondrial dysfunction. Human Molecular Genetics, 2021, 30, 2012-2026.	1.4	5
101	In vitro replicative fitness of early Transmitted founder HIV-1 variants and sensitivity to Interferon alpha. Scientific Reports, 2020, 10, 2747.	1.6	4
102	Phylogenetic Characterization of Six Full-Length HIV-1 Subtype C Molecular Clones from Three Patients: Identification of Rare Subtype C Strains Containing Two NF-I°B Motifs in the Long Terminal Repeat. AIDS Research and Human Retroviruses, 2014, 30, 586-591.	0.5	3
103	Minor viral population with drug-resistant mutation and risk of persistent low-level viremia or â€`blips' in HIV-1 subtype C. Aids, 2014, 28, 2635-2636.	1.0	3
104	Can HIV reverse transcriptase activity assay be a low-cost alternative for viral load monitoring in resource-limited settings?. BMJ Open, 2016, 6, e008795.	0.8	3
105	Effect of therapy switch on time to second-line antiretroviral treatment failure in HIV-infected patients. PLoS ONE, 2017, 12, e0180140.	1.1	3
106	MiDRMpol: A High-Throughput Multiplexed Amplicon Sequencing Workflow to Quantify HIV-1 Drug Resistance Mutations against Protease, Reverse Transcriptase, and Integrase Inhibitors. Viruses, 2019, 11, 806.	1.5	3
107	Mutations in Long Terminal Repeats κB Transcription Factor Binding Sites in Plasma Virus Among South African People Living with HIV-1. AIDS Research and Human Retroviruses, 2019, 35, 572-576.	0.5	3
108	High-throughput sequencing reveals a high prevalence of pretreatment HIV-1 drug resistance in Sweden. Aids, 2021, 35, 227-234.	1.0	3

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109	Multiomics Personalized Network Analyses Highlight Progressive Immune Disruption of Central Metabolism Associated with COVID-19 Severity. SSRN Electronic Journal, 0, , .	0.4	3
110	High Viremia in HIV-1 Subtype C Infection and Spread of the Epidemic. Journal of Infectious Diseases, 2013, 208, 866-867.	1.9	2
111	Cytotoxic Lymphocytes Target HIV-1 Gag Through Granzyme M-Mediated Cleavage. Frontiers in Immunology, 2021, 12, 669347.	2.2	2
112	Peripheral blood CD4+CCR6+ compartment differentiates HIV-1 infected or seropositive elite controllers from long-term successfully treated individuals. Communications Biology, 2022, 5, 357.	2.0	2
113	Emergence of unique recombinant forms (URFs) in Indian HIV-1 epidemic: data from nationwide clinical cohort between 2007 and 2011. Retrovirology, 2012, 9, .	0.9	1
114	Genetic Architecture of HIV Type 1 Nef and Tat from HLA-B57-Typed Long-Term Survivors in an Indian Cohort of Perinatally HIV-Infected Children. AIDS Research and Human Retroviruses, 2013, 29, 1613-1616.	0.5	1
115	Distinct Lipid Profile, Low-Level Inflammation and Increased Antioxidant Defense as a Signature in HIV-1 Elite Control Status. SSRN Electronic Journal, 0, , .	0.4	1
116	P20-05. Emergence of HIV-1 circulatory recombinant forms (CRFs) and unique recombinant forms (URFs) in North India: functional and pathogenic implications. Retrovirology, 2009, 6, .	0.9	0
117	A5 Near full-length HIV-1 genome sequencing in newly diagnosed individuals in Sweden. Virus Evolution, 2019, 5, .	2.2	0
118	Deep Profiling Identifies Selection of Nonsynonymous Amino Acid Substitutions in HIV-1 Envelope During Early Infection. AIDS Research and Human Retroviruses, 2020, 36, 1024-1032.	0.5	0
119	Integrative Proteo-Transcriptomic and Immunophenotyping Signatures of HIV-1 Elite Control Phenotype: A Cross-Talk Between Glycolysis and HIF Signaling. SSRN Electronic Journal, 0, , .	0.4	0
120	The expanding HIV-1 epidemic aggravates therapeutics and vaccine development programs in India. Bioinformation, 2009, 4, 90-91.	0.2	0