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List of Publications by Year
in descending order

44 papers	2,208 citations	361413 20 h-index	243625 44 g-index
46 all docs	46 docs citations	46 times ranked	2988 citing authors

#	Article	IF	Citations
1	Flavopiridol Inhibits P-TEFb and Blocks HIV-1 Replication. Journal of Biological Chemistry, 2000, 275, 28345-28348.	3.4	408
2	Dynamics of Human Immunodeficiency Virus Transcription: P-TEFb Phosphorylates RD and Dissociates Negative Effectors from the Transactivation Response Element. Molecular and Cellular Biology, 2004, 24, 787-795.	2.3	302
3	SARS-CoV-2 spike variants exhibit differential infectivity and neutralization resistance to convalescent or post-vaccination sera. Cell Host and Microbe, 2021, 29, 522-528.e2.	11.0	173
4	Petroleum bioremediation ? a multiphase problem. Biodegradation, 1992, 3, 337-350.	3.0	133
5	Tat Transactivation: A Model for the Regulation of Eukaryotic Transcriptional Elongation. Virology, 1999, 264, 245-253.	2.4	119
6	Cooperative Interaction between HIV-1 Regulatory Proteins Tat and Vpr Modulates Transcription of the Viral Genome. Journal of Biological Chemistry, 2000, 275, 35209-35214.	3.4	99
7	The Efficacy of an Immunoisolating Membrane System for Islet Xenotransplantation in Minipigs. PLoS ONE, 2013, 8, e70150.	2.5	99
8	Interaction between P-TEFb and the C-Terminal Domain of RNA Polymerase II Activates Transcriptional Elongation from Sites Upstream or Downstream of Target Genes. Molecular and Cellular Biology, 2002, 22, 321-331.	2.3	98
9	Interactions between Tat and TAR and Human Immunodeficiency Virus Replication Are Facilitated by Human Cyclin T1 but Not Cyclins T2a or T2b. Virology, 1999, 255, 182-189.	2.4	80
10	Lost in Transcription: Molecular Mechanisms that Control HIV Latency. Viruses, 2013, 5, 902-927.	3.3	61
11	P-TEFb Containing Cyclin K and Cdk9 Can Activate Transcription via RNA. Journal of Biological Chemistry, 2002, 277, 16873-16878.	3.4	53
12	Reverse transcriptase of mouse mammary tumour virus: expression in bacteria, purification and biochemical characterization. Biochemical Journal, 1998, 329, 579-587.	3.7	49
13	Modulation of hepatitis C virus release by the interferon-induced protein BST-2/tetherin. Virology, 2012, 428, 98-111.	2.4	46
14	The Fidelity of 3' Misinsertion and Mispair Extension During DNA Synthesis Exhibited by two Drug-Resistant Mutants of the Reverse Transcriptase of Human Immunodeficiency Virus Type 1 with Leu74Val and Glu89Gly. FEBS Journal, 1997, 247, 238-247.	0.2	40
15	ZNF750 Is Expressed in Differentiated Keratinocytes and Regulates Epidermal Late Differentiation Genes. PLoS ONE, 2012, 7, e42628.	2.5	39
16	Genome-wide CRISPR knockout screen identifies ZNF304 as a silencer of HIV transcription that promotes viral latency. PLoS Pathogens, 2020, 16, e1008834.	4.7	39
17	Interactions between Equine Cyclin T1, Tat, and TAR Are Disrupted by a Leucine-to-Valine Substitution Found in Human Cyclin T1. Journal of Virology, 2000, 74, 892-898.	3.4	38
18	SARS CoV-2 Delta variant exhibits enhanced infectivity and a minor decrease in neutralization sensitivity to convalescent or post-vaccination sera. IScience, 2021, 24, 103467.	4.1	26

#	Article	IF	Citations
19	Binding of Tat to TAR and Recruitment of Positive Transcription Elongation Factor b Occur Independently in Bovine Immunodeficiency Virus. Journal of Virology, 2000, 74, 6039-6044.	3.4	25
20	Lentivirus Display: Stable Expression of Human Antibodies on the Surface of Human Cells and Virus Particles. PLoS ONE, 2008, 3, e3181.	2.5	23
21	AÎ²42 Double Mutant Inhibits AÎ²42-Induced Plasma and Mitochondrial Membrane Disruption in Artificial Membranes, Isolated Organs, and Intact Cells. ACS Chemical Neuroscience, 2020, 11, 1027-1037.	3.5	23
22	Super elongation complex promotes early HIV transcription and its function is modulated by P-TEFb. Transcription, 2017, 8, 133-149.	3.1	18
23	In VivoSelection of CD4⁺T Cells Transduced with a Gamma-Retroviral Vector Expressing a Single-Chain Intrabody Targeting HIV-1 Tat. Human Gene Therapy, 2012, 23, 917-931.	2.7	16
24	Fused in sarcoma silences HIV gene transcription and maintains viral latency through suppressing AFF4 gene activation. Retrovirology, 2019, 16, 16.	2.0	16
25	Preferential Lentiviral Targeting of Astrocytes in the Central Nervous System. PLoS ONE, 2013, 8, e76092.	2.5	15
26	DNA synthesis exhibited by the reverse transcriptase of mouse mammary tumor virus : Processivity and fidelity of misinsertion and mispair extension. FEBS Journal, 1998, 258, 1032-1039.	0.2	14
27	An AÎ²42 variant that inhibits intra- and extracellular amyloid aggregation and enhances cell viability. Biochemical Journal, 2018, 475, 3087-3103.	3.7	13
28	The Fidelity of Misinsertion and Mispair Extension Throughout DNA Synthesis Exhibited by Mutants of the Reverse Transcriptase of Human Immunodeficiency Virus Type 2 Resistant to Nucleoside Analogs. FEBS Journal, 1997, 250, 106-114.	0.2	12
29	A Minimal Chimera of Human Cyclin T1 and Tat Binds TAR and Activates Human Immunodeficiency Virus Transcription in Murine Cells. Journal of Virology, 2002, 76, 12934-12939.	3.4	12
30	A computational combinatorial approach identifies a protein inhibitor of superoxide dismutase 1 misfolding, aggregation, and cytotoxicity. Journal of Biological Chemistry, 2017, 292, 15777-15788.	3.4	12
31	BMP5/7 protect dopaminergic neurons in an Î±-synuclein mouse model of Parkinsonâ€™s disease. Brain, 2021, 144, e15-e15.	7.6	11
32	Functional Mimetics of the HIV-1 CCR5 Co-Receptor Displayed on the Surface of Magnetic Liposomes. PLoS ONE, 2015, 10, e0144043.	2.5	10
33	Functional Analysis of Spike from SARS-CoV-2 Variants Reveals the Role of Distinct Mutations in Neutralization Potential and Viral Infectivity. Viruses, 2022, 14, 803.	3.3	10
34	A Cyclin T1 point mutation that abolishes positive transcription elongation factor (P-TEFb) binding to Hexim1 and HIV tat. Retrovirology, 2014, 11, 50.	2.0	9
35	Measles Virus Persistent Infection of Human Induced Pluripotent Stem Cells. Cellular Reprogramming, 2018, 20, 17-26.	0.9	9
36	Efficient production of HIV-1 viral-like particles in mouse cells. Biochemical and Biophysical Research Communications, 2008, 368, 463-469.	2.1	8

#	Article	IF	Citations
37	A single point mutation in cyclin T1 eliminates binding to Hexim1, Cdk9 and RNA but not to AFF4 and enforces repression of HIV transcription. Retrovirology, 2014, 11, 51.	2.0	7
38	CRISPRi-mediated depletion of Spt4 and Spt5 reveals a role for DSIF in the control of HIV latency. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2021, 1864, 194656.	1.9	7
39	The pro-apoptotic domain of BIM protein forms toxic amyloid fibrils. Cellular and Molecular Life Sciences, 2021, 78, 2145-2155.	5.4	7
40	Amyloid Î² structural polymorphism, associated toxicity and therapeutic strategies. Cellular and Molecular Life Sciences, 2021, 78, 7185-7198.	5.4	7
41	Functional characterization of a human cyclin T1 mutant reveals a different binding surface for Tat and HEXIM1. Virology, 2012, 426, 152-161.	2.4	3
42	A hyperthermophilic protein G variant engineered via directed evolution prevents the formation of toxic SOD1 oligomers. Proteins: Structure, Function and Bioinformatics, 2019, 87, 738-747.	2.6	2
43	An Engineered Variant of the B1 Domain of Protein G Suppresses the Aggregation and Toxicity of Intra- and Extracellular AÎ²42. ACS Chemical Neuroscience, 2019, 10, 1488-1496.	3.5	2
44	Bcl-2-Homology-Only Proapoptotic Peptides Modulate Î²-Amyloid Aggregation and Toxicity. ACS Chemical Neuroscience, 2021, 12, 4554-4563.	3.5	1