Debashis Mitra

List of Publications by Year
in descending order

		430874	434195
36	1,023	18	31
papers	citations	h-index	g-index

37	37	37	1629
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis and anti-HIV activity of a new isoxazole containing disubstituted 1,2,4-oxadiazoles analogs. Bioorganic and Medicinal Chemistry, 2022, 56, 116612.	3.0	5
2	Comparative analysis of differential gene expression of HSP40 and HSP70 family isoforms during heat stress and HIV-1 infection in T-cells. Cell Stress and Chaperones, 2021, 26, 403-416.	2.9	17
3	Diversity in heat shock protein families: functional implications in virus infection with a comprehensive insight of their role in the HIV-1 life cycle. Cell Stress and Chaperones, 2021, 26, 743-768.	2.9	21
4	A novel isothiocyanate derivative inhibits HIV-1 gene expression and replication by modulating the nuclear matrix associated protein SMAR1. Antiviral Research, 2020, 173, 104648.	4.1	6
5	The barley lectin, horcolin, binds high-mannose glycans in a multivalent fashion, enabling high-affinity, specific inhibition of cellular HIV infection. Journal of Biological Chemistry, 2020, 295, 12111-12129.	3.4	8
6	N-p-Tosyl-L-phenylalanine chloromethyl ketone (TPCK) inhibits HIV-1 by suppressing the activity of viral protease. Biochemical and Biophysical Research Communications, 2020, 527, 167-172.	2.1	1
7	High yield production of recombinant cyanovirin-N (antiviral lectin) exhibiting significant anti-HIV activity, from a rationally selected Escherichia coli strain. Process Biochemistry, 2020, 93, 1-11.	3.7	5
8	Recent Advances in the Development of Integrase Inhibitors for HIV Treatment. Current HIV/AIDS Reports, 2020, 17, 63-75.	3.1	22
9	Discovery of 2-isoxazol-3-yl-acetamide analogues as heat shock protein 90 (HSP90) inhibitors with significant anti-HIV activity. European Journal of Medicinal Chemistry, 2019, 183, 111699.	5.5	11
10	Plant-Derived Molecules in Managing HIV Infection. , 2019, , 273-298.		1
11	Design, synthesis, docking studies and biological screening of 2-thiazolyl substituted -2,3-dihydro-1H-naphtho[1,2-e][1,3]oxazines as potent HIV-1 reverse transcriptase inhibitors. European Journal of Medicinal Chemistry, 2018, 157, 310-319.	5.5	23
12	Cyclin F/FBXO1 Interacts with HIV-1 Viral Infectivity Factor (Vif) and Restricts Progeny Virion Infectivity by Ubiquitination and Proteasomal Degradation of Vif Protein through SCFcyclin F E3 Ligase Machinery. Journal of Biological Chemistry, 2017, 292, 5349-5363.	3.4	22
13	Gene expression profiling reveals Nef induced deregulation of lipid metabolism in HIV-1 infected T cells. Biochemical and Biophysical Research Communications, 2016, 472, 169-174.	2.1	12
14	HSP70 binding protein 1 (HspBP1) suppresses HIV-1 replication by inhibiting NF-Î¹B mediated activation of viral gene expression. Nucleic Acids Research, 2016, 44, 1613-1629.	14.5	37
15	Optical and Radiative Properties of Aerosols over Two Locations in the North-West Part of India during Premonsoon Season. Advances in Meteorology, 2015, 2015, 1-11.	1.6	16
16	Tat predominantly associates with host promoter elements in <scp>HIV</scp>â€¡â€infected Tâ€cellsÂâ€“Âregulatory basis of transcriptional repression of câ€Rel. FEBS Journal, 2015, 282, 595-610.	4.7	16
17	Structure based molecular design, synthesis and biological evaluation of Î±-pyrone analogs as anti-HSV agent. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 6261-6266.	2.2	17
18	Reciprocal Regulation of Human Immunodeficiency Virus-1 Gene Expression and Replication by Heat Shock Proteins 40 and 70. Journal of Molecular Biology, 2011, 410, 944-958.	4.2	38

#	Article	IF	Citations
19	Anti-HIV activity of Indian medicinal plants. Journal of Natural Medicines, 2011, 65, 662-669.	2.3	59
20	Design and synthesis of caffeoyl-anilides as portmanteau inhibitors of HIV-1 integrase and CCR5. Bioorganic and Medicinal Chemistry, 2011, 19, 1256-1263.	3.0	20
21	Synthesis of 9-substituted derivatives of berberine as anti-HIV agents. European Journal of Medicinal Chemistry, 2011, 46, 1045-1049.	5.5	76
22	Cyclin K Inhibits HIV-1 Gene Expression and Replication by Interfering with Cyclin-dependent Kinase 9 (CDK9)-Cyclin T1 Interaction in Nef-dependent Manner. Journal of Biological Chemistry, 2011, 286, 22943-22954.	3.4	16
23	Cellular heat shock factor 1 positively regulates human immunodeficiency virus-1 gene expression and replication by two distinct pathways. Nucleic Acids Research, 2011, 39, 5879-5892.	14.5	40
24	Differential modulation of mitochondrial OXPHOS system during HIV-1 induced T-cell apoptosis: up regulation of Complex-IV subunit COX-II and its possible implications. Apoptosis: an International Journal on Programmed Cell Death, 2010, 15, 28-40.	4.9	32
25	The cell death regulator GRIM-19 is involved in HIV-1 induced T-cell apoptosis. Apoptosis: an International Journal on Programmed Cell Death, 2010, 15, 1453-1460.	4.9	8
26	Nuclear Matrix protein SMAR1 represses HIV-1 LTR mediated transcription through chromatin remodeling. Virology, 2010, 400, 76-85.	2.4	26
27	Biomimetic synthesis and anti-HIV activity of dimeric phloroglucinols. Bioorganic and Medicinal Chemistry, 2010, 18, 2029-2036.	3.0	44
28	Synthesis and anti-HIV activity of alkylated quinoline 2,4-diols. Bioorganic and Medicinal Chemistry, 2010, 18, 2872-2879.	3.0	144
29	Synthesis and evaluation of Î²-carboline derivatives as inhibitors of human immunodeficiency virus. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 4416-4419.	2.2	56
30	Anti-HIV diterpenes from Coleus forskohlii. Natural Product Communications, 2009, 4, 1173-5.	0.5	13
31	HIV-1 Tat Suppresses gp120-Specific T Cell Response in IL-10-Dependent Manner. Journal of Immunology, 2008, 180, 79-88.	0.8	31
32	HIV-1 long terminal repeat promoter regulated dual reporter: Potential use in screening of transcription modulators. Analytical Biochemistry, 2007, 360, 315-317.	2.4	8
33	Nef: â€œNecessary and Enforcing Factorâ€•in HIV Infection. Current HIV Research, 2005, 3, 87-94.	0.5	49
34	A quantitative method for normalization of transfection efficiency using enhanced green fluorescent protein. Analytical Biochemistry, 2005, 342, 341-344.	2.4	25
35	Heat Shock Protein 40 Is Necessary for Human Immunodeficiency Virus-1 Nef-mediated Enhancement of Viral Gene Expression and Replication. Journal of Biological Chemistry, 2005, 280, 40041-40050.	3.4	67
36	Human immunodeficiency virus-1 Nef protein interacts with Tat and enhances HIV-1 gene expression. FEBS Letters, 2003, 548, 37-42.	2.8	31