

Debashis Mitra

List of Publications by Year in descending order

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36
papers

1,023
citations

430874

18
h-index

434195

31
g-index

37
all docs

37
docs citations

37
times ranked

1629
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and anti-HIV activity of alkylated quinoline 2,4-diols. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 2872-2879.	3.0	144
2	Synthesis of 9-substituted derivatives of berberine as anti-HIV agents. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 1045-1049.	5.5	76
3	Heat Shock Protein 40 Is Necessary for Human Immunodeficiency Virus-1 Nef-mediated Enhancement of Viral Gene Expression and Replication. <i>Journal of Biological Chemistry</i> , 2005, 280, 40041-40050.	3.4	67
4	Anti-HIV activity of Indian medicinal plants. <i>Journal of Natural Medicines</i> , 2011, 65, 662-669.	2.3	59
5	Synthesis and evaluation of \hat{I}^2 -carboline derivatives as inhibitors of human immunodeficiency virus. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 4416-4419.	2.2	56
6	Nef: "Necessary and Enforcing Factor" in HIV Infection. <i>Current HIV Research</i> , 2005, 3, 87-94.	0.5	49
7	Biomimetic synthesis and anti-HIV activity of dimeric phloroglucinols. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 2029-2036.	3.0	44
8	Cellular heat shock factor 1 positively regulates human immunodeficiency virus-1 gene expression and replication by two distinct pathways. <i>Nucleic Acids Research</i> , 2011, 39, 5879-5892.	14.5	40
9	Reciprocal Regulation of Human Immunodeficiency Virus-1 Gene Expression and Replication by Heat Shock Proteins 40 and 70. <i>Journal of Molecular Biology</i> , 2011, 410, 944-958.	4.2	38
10	HSP70 binding protein 1 (HspBP1) suppresses HIV-1 replication by inhibiting NF- \hat{I}^B mediated activation of viral gene expression. <i>Nucleic Acids Research</i> , 2016, 44, 1613-1629.	14.5	37
11	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. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010, 15, 28-40.	4.9	32
12	Human immunodeficiency virus-1 Nef protein interacts with Tat and enhances HIV-1 gene expression. <i>FEBS Letters</i> , 2003, 548, 37-42.	2.8	31
13	HIV-1 Tat Suppresses gp120-Specific T Cell Response in IL-10-Dependent Manner. <i>Journal of Immunology</i> , 2008, 180, 79-88.	0.8	31
14	Nuclear Matrix protein SMAR1 represses HIV-1 LTR mediated transcription through chromatin remodeling. <i>Virology</i> , 2010, 400, 76-85.	2.4	26
15	A quantitative method for normalization of transfection efficiency using enhanced green fluorescent protein. <i>Analytical Biochemistry</i> , 2005, 342, 341-344.	2.4	25
16	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. <i>European Journal of Medicinal Chemistry</i> , 2018, 157, 310-319.	5.5	23
17	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 SCF/cyclin F E3 Ligase Machinery. <i>Journal of Biological Chemistry</i> , 2017, 292, 5349-5363.	3.4	22
18	Recent Advances in the Development of Integrase Inhibitors for HIV Treatment. <i>Current HIV/AIDS Reports</i> , 2020, 17, 63-75.	3.1	22

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19	Diversity in heat shock protein families: functional implications in virus infection with a comprehensive insight of their role in the HIV-1 life cycle. <i>Cell Stress and Chaperones</i> , 2021, 26, 743-768.	2.9	21
20	Design and synthesis of caffeoyl-anilides as portmanteau inhibitors of HIV-1 integrase and CCR5. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 1256-1263.	3.0	20
21	Structure based molecular design, synthesis and biological evaluation of β -pyrone analogs as anti-HSV agent. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 6261-6266.	2.2	17
22	Comparative analysis of differential gene expression of HSP40 and HSP70 family isoforms during heat stress and HIV-1 infection in T-cells. <i>Cell Stress and Chaperones</i> , 2021, 26, 403-416.	2.9	17
23	Cyclin K Inhibits HIV-1 Gene Expression and Replication by Interfering with Cyclin-dependent Kinase 9 (CDK9)-Cyclin T1 Interaction in Nef-dependent Manner. <i>Journal of Biological Chemistry</i> , 2011, 286, 22943-22954.	3.4	16
24	Optical and Radiative Properties of Aerosols over Two Locations in the North-West Part of India during Premonsoon Season. <i>Advances in Meteorology</i> , 2015, 2015, 1-11.	1.6	16
25	Tat predominantly associates with host promoter elements in HIV-1 infected cells. Regulatory basis of transcriptional repression of <i>cis</i> . <i>FEBS Journal</i> , 2015, 282, 595-610.	4.7	16
26	Anti-HIV diterpenes from <i>Coleus forskohlii</i> . <i>Natural Product Communications</i> , 2009, 4, 1173-5.	0.5	13
27	Gene expression profiling reveals Nef induced deregulation of lipid metabolism in HIV-1 infected T cells. <i>Biochemical and Biophysical Research Communications</i> , 2016, 472, 169-174.	2.1	12
28	Discovery of 2-isoxazol-3-yl-acetamide analogues as heat shock protein 90 (HSP90) inhibitors with significant anti-HIV activity. <i>European Journal of Medicinal Chemistry</i> , 2019, 183, 111699.	5.5	11
29	HIV-1 long terminal repeat promoter regulated dual reporter: Potential use in screening of transcription modulators. <i>Analytical Biochemistry</i> , 2007, 360, 315-317.	2.4	8
30	The cell death regulator GRIM-19 is involved in HIV-1 induced T-cell apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010, 15, 1453-1460.	4.9	8
31	The barley lectin, horcolin, binds high-mannose glycans in a multivalent fashion, enabling high-affinity, specific inhibition of cellular HIV infection. <i>Journal of Biological Chemistry</i> , 2020, 295, 12111-12129.	3.4	8
32	A novel isothiocyanate derivative inhibits HIV-1 gene expression and replication by modulating the nuclear matrix associated protein SMAR1. <i>Antiviral Research</i> , 2020, 173, 104648.	4.1	6
33	High yield production of recombinant cyanovirin-N (antiviral lectin) exhibiting significant anti-HIV activity, from a rationally selected <i>Escherichia coli</i> strain. <i>Process Biochemistry</i> , 2020, 93, 1-11.	3.7	5
34	Synthesis and anti-HIV activity of a new isoxazole containing disubstituted 1,2,4-oxadiazoles analogs. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 56, 116612.	3.0	5
35	Plant-Derived Molecules in Managing HIV Infection. , 2019, , 273-298.		1
36	N-p-Tosyl-L-phenylalanine chloromethyl ketone (TPCK) inhibits HIV-1 by suppressing the activity of viral protease. <i>Biochemical and Biophysical Research Communications</i> , 2020, 527, 167-172.	2.1	1