

Gatikrushna Singh

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

429
citations

1040056

9
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

662
citing authors

#	ARTICLE	IF	CITATIONS
1	1,2,3-Triazoles as Amide Bioisosteres: Discovery of a New Class of Potent HIV-1 Vif Antagonists. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 7677-7682.	6.4	156
2	Suppression of RNA silencing by Flock house virus B2 protein is mediated through its interaction with the PAZ domain of Dicer. <i>FASEB Journal</i> , 2009, 23, 1845-1857.	0.5	66
3	Interaction of <i>Bacillus thuringiensis</i> Vegetative Insecticidal Protein with Ribosomal S2 Protein Triggers Larvicidal Activity in <i>Spodoptera frugiperda</i> . <i>Applied and Environmental Microbiology</i> , 2010, 76, 7202-7209.	3.1	62
4	SAR and Lead Optimization of an HIV-1 Vif-APOBEC3G Axis Inhibitor. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 465-469.	2.8	26
5	HIV-1 and two avian retroviral 5' untranslated regions bind orthologous human and chicken RNA binding proteins. <i>Virology</i> , 2015, 486, 307-320.	2.4	23
6	HIV-1 hypermethylated guanosine cap licenses specialized translation unaffected by mTOR. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	22
7	Virion-associated, host-derived DHX9/RNA helicase A enhances the processivity of HIV-1 reverse transcriptase on genomic RNA. <i>Journal of Biological Chemistry</i> , 2019, 294, 11473-11485.	3.4	19
8	The mRNA encoding the JUND tumor suppressor detains nuclear RNA-binding proteins to assemble polysomes that are unaffected by mTOR. <i>Journal of Biological Chemistry</i> , 2020, 295, 7763-7773.	3.4	13
9	Identification of conserved, primary sequence motifs that direct retrovirus RNA fate. <i>Nucleic Acids Research</i> , 2018, 46, 7366-7378.	14.5	12
10	The three-way junction structure of the HIV-1 PBS-segment binds host enzyme important for viral infectivity. <i>Nucleic Acids Research</i> , 2021, 49, 5925-5942.	14.5	9
11	Systematic deletion and site-directed mutagenesis of FHVB2 establish the role of C-terminal amino acid residues in RNAi suppression. <i>Biochemical and Biophysical Research Communications</i> , 2010, 398, 290-295.	2.1	7
12	Anomalous HIV-1 RNA, How Cap-Methylation Segregates Viral Transcripts by Form and Function. <i>Viruses</i> , 2022, 14, 935.	3.3	6
13	A New Approach to 3D Modeling of Inhomogeneous Populations of Viral Regulatory RNA. <i>Viruses</i> , 2020, 12, 1108.	3.3	4
14	Isolation of Cognate RNA-protein Complexes from Cells Using Oligonucleotide-directed Elution. <i>Journal of Visualized Experiments</i> , 2017, .	0.3	3
15	Cellular RNA Helicases Support Early and Late Events in Retroviral Replication. , 2018, , 253-271.		1