

Binod Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,199
citations

361388

20
h-index

395678

33
g-index

49
all docs

49
docs citations

49
times ranked

1596
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Presentation of Patients with Seasonal Influenza and Pandemic Influenza A (H1N1-2009) Requiring Hospitalisation. <i>The Indian Journal of Chest Diseases & Allied Sciences</i> , 2022, 55, 15-19.	0.1	2
2	Assembly and Entry of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV2): Evaluation Using Virus-Like Particles. <i>Cells</i> , 2021, 10, 853.	4.1	46
3	Editorial: Emerging Concepts in Dengue Pathogenesis and Host Innate Immune Response. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 708484.	3.9	0
4	Dynamics of SARS-CoV-2 Spike Proteins in Cell Entry: Control Elements in the Amino-Terminal Domains. <i>MBio</i> , 2021, 12, e0159021.	4.1	49
5	Deubiquitination and Activation of the NLRP3 Inflammasome by UCHL5 in HCV-Infected Cells. <i>Microbiology Spectrum</i> , 2021, 9, e0075521.	3.0	18
6	Current Insights into the Host Immune Response to Respiratory Viral Infections. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1313, 59-83.	1.6	5
7	Kaposi's Sarcoma-Associated Herpesvirus Infection Induces the Expression of Neuroendocrine Genes in Endothelial Cells. <i>Journal of Virology</i> , 2020, 94, .	3.4	10
8	Proximity Ligation Assay (PLA) to Determine the Endosomal Localization of ESCRT Subunit in Virus-Infected Cells. <i>Methods in Molecular Biology</i> , 2019, 1998, 63-72.	0.9	4
9	Emerging Influenza D Virus Threat: What We Know so Far!. <i>Journal of Clinical Medicine</i> , 2019, 8, 192.	2.4	85
10	HACE1, an E3 Ubiquitin Protein Ligase, Mitigates Kaposi's Sarcoma-Associated Herpesvirus Infection-Induced Oxidative Stress by Promoting Nrf2 Activity. <i>Journal of Virology</i> , 2019, 93, .	3.4	13
11	Bisbenzimidazoles: Anticancer Vacuolar (H ⁺)-ATPase Inhibitors. , 2019, , .		0
12	Advancements in Nucleic Acid Based Therapeutics against Respiratory Viral Infections. <i>Journal of Clinical Medicine</i> , 2019, 8, 6.	2.4	44
13	IFI16, a nuclear innate immune DNA sensor, mediates epigenetic silencing of herpesvirus genomes by its association with H3K9 methyltransferases SUV39H1 and GLP. <i>ELife</i> , 2019, 8, .	6.0	44
14	Osteopontin Regulates Hepatitis C Virus (HCV) Replication and Assembly by Interacting with HCV Proteins and Lipid Droplets and by Binding to Receptors ß2 and CD44. <i>Journal of Virology</i> , 2018, 92, .	3.4	26
15	The emerging influenza virus threat: status and new prospects for its therapy and control. <i>Archives of Virology</i> , 2018, 163, 831-844.	2.1	64
16	Insight into the Roles of E3 Ubiquitin Ligase c-Cbl, ESCRT Machinery, and Host Cell Signaling in Kaposi's Sarcoma-Associated Herpesvirus Entry and Trafficking. <i>Journal of Virology</i> , 2018, 92, .	3.4	20
17	Key Age-Imposed Signaling Changes That Are Responsible for the Decline of Stem Cell Function. <i>Sub-Cellular Biochemistry</i> , 2018, 90, 119-143.	2.4	6
18	Preventing Zoonotic Influenza. , 2018, , .		2

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19	Interferon- β -inducible protein 16 (IFI16) is required for the maintenance of Epstein-Barr virus latency. <i>Virology Journal</i> , 2017, 14, 221.	3.4	32
20	Impact of Genetic Variations in HIV-1 Tat on LTR-Mediated Transcription via TAR RNA Interaction. <i>Frontiers in Microbiology</i> , 2017, 8, 706.	3.5	22
21	KSHV Entry and Trafficking in Target Cells—Hijacking of Cell Signal Pathways, Actin and Membrane Dynamics. <i>Viruses</i> , 2016, 8, 305.	3.3	50
22	Histone H2B-IFI16 Recognition of Nuclear Herpesviral Genome Induces Cytoplasmic Interferon- β Responses. <i>PLoS Pathogens</i> , 2016, 12, e1005967.	4.7	42
23	Nuclear Innate Immune DNA Sensor IFI16 Is Degraded during Lytic Reactivation of Kaposi's Sarcoma-Associated Herpesvirus (KSHV): Role of IFI16 in Maintenance of KSHV Latency. <i>Journal of Virology</i> , 2016, 90, 8822-8841.	3.4	61
24	ESCRT-0 Component Hrs Promotes Macropinocytosis of Kaposi's Sarcoma-Associated Herpesvirus in Human Dermal Microvascular Endothelial Cells. <i>Journal of Virology</i> , 2016, 90, 3860-3872.	3.4	24
25	ESCRT-I Protein Tsg101 Plays a Role in the Post-macropinocytic Trafficking and Infection of Endothelial Cells by Kaposi's Sarcoma-Associated Herpesvirus. <i>PLoS Pathogens</i> , 2016, 12, e1005960.	4.7	32
26	Diagnostic Potential of Recombinant scFv Antibodies Generated Against Hemagglutinin Protein of Influenza A Virus. <i>Frontiers in Immunology</i> , 2015, 6, 440.	4.8	11
27	BRCA1 Regulates IFI16 Mediated Nuclear Innate Sensing of Herpes Viral DNA and Subsequent Induction of the Innate Inflammasome and Interferon- β Responses. <i>PLoS Pathogens</i> , 2015, 11, e1005030.	4.7	96
28	Potent Intracellular Knock-Down of Influenza A Virus M2 Gene Transcript by DNAzymes Considerably Reduces Viral Replication in Host Cells. <i>Molecular Biotechnology</i> , 2015, 57, 836-845.	2.4	10
29	Gene silencing: a therapeutic approach to combat influenza virus infections. <i>Future Microbiology</i> , 2015, 10, 131-140.	2.0	16
30	Herpesvirus Genome Recognition Induced Acetylation of Nuclear IFI16 Is Essential for Its Cytoplasmic Translocation, Inflammasome and IFN- β Responses. <i>PLoS Pathogens</i> , 2015, 11, e1005019.	4.7	107
31	Influenza virus Induced Cytokine Responses: An Evaluation of Host-Pathogen Association. <i>Immunome Research</i> , 2014, 01, .	0.1	0
32	Protective Immunity Based on the Conserved Hemagglutinin Stalk Domain and Its Prospects for Universal Influenza Vaccine Development. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	42
33	Cross-Protective Effect of Antisense Oligonucleotide Developed Against the Common 5' NCR of Influenza A Virus Genome. <i>Molecular Biotechnology</i> , 2013, 55, 203-211.	2.4	12
34	Sequence-Specific Cleavage of BM2 Gene Transcript of Influenza B Virus by 10-23 Catalytic Motif Containing DNA Enzymes Significantly Inhibits Viral RNA Translation and Replication. <i>Nucleic Acid Therapeutics</i> , 2013, 23, 355-362.	3.6	14
35	Influenza pandemics of 1918 and 2009: a comparative account. <i>Future Virology</i> , 2013, 8, 335-342.	1.8	16
36	Clinical presentation of patients with seasonal influenza and pandemic influenza A (H1N1-2009) requiring hospitalisation. <i>The Indian Journal of Chest Diseases & Allied Sciences</i> , 2013, 55, 15-9.	0.1	2

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37	Age-sex distribution and seasonality pattern among influenza virus infected patients in Delhi, 2009-2010. Indian Journal of Community Medicine, 2012, 37, 57.	0.4	5
38	Small Interfering RNA Targeting the Nonstructural Gene 1 Transcript Inhibits Influenza A Virus Replication in Experimental Mice. Nucleic Acid Therapeutics, 2012, 22, 414-422.	3.6	22
39	Pandemic Influenza A H1N1 (2009) Virus: Lessons from the Past and Implications for the Future. Indian Journal of Virology: an Official Organ of Indian Virological Society, 2012, 23, 12-17.	0.7	24
40	Nucleic Acid-Mediated Cleavage of M1 Gene of Influenza A Virus Is Significantly Augmented by Antisense Molecules Targeted to Hybridize Close to the Cleavage Site. Molecular Biotechnology, 2012, 51, 27-36.	2.4	23
41	A conserved matrix epitope based DNA vaccine protects mice against influenza A virus challenge. Antiviral Research, 2012, 93, 78-85.	4.1	10
42	OL-055 Evaluation of SYBR Green I and TaqMan real-time PCR chemistries for specific detection of influenza A viruses. International Journal of Infectious Diseases, 2011, 15, S33.	3.3	0
43	Detection of Influenza Virus Induced Ultrastructural Changes and DNA Damage. Indian Journal of Virology: an Official Organ of Indian Virological Society, 2010, 21, 50-55.	0.7	6
44	Diagnosis of Novel Pandemic Influenza Virus 2009 H1N1 in Hospitalized Patients. Indian Journal of Virology: an Official Organ of Indian Virological Society, 2010, 21, 45-49.	0.7	5
45	PP-074 Small interfering RNA (siRNA) mediated inhibition of influenza A virus replication in mammalian cell line. International Journal of Infectious Diseases, 2010, 14, S47.	3.3	0
46	Pandemic swine influenza virus (H1N1): A threatening evolution. Indian Journal of Microbiology, 2009, 49, 365-369.	2.7	12
47	Emerging influenza virus: A global threat. Journal of Biosciences, 2008, 33, 475-482.	1.1	62
48	Hepatitis C Virus and Inflammation. , 0, , .		3