Hem Chandra Jha

List of Publications by Year
in descending order

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104 papers	2,140 citations	236925 25 h-index	289244 40 g-index
114 all docs	114 docs citations	114 times ranked	2616 citing authors

#	Article	IF	Citations
1	Epsteinâ€“Barr virus and Burkitt lymphoma. Postgraduate Medical Journal, 2008, 84, 372-377.	1.8	160
2	The Role of Gammaherpesviruses in Cancer Pathogenesis. Pathogens, 2016, 5, 18.	2.8	101
3	Epsteinâ€“Barr Virus: Diseases Linked to Infection and Transformation. Frontiers in Microbiology, 2016, 7, 1602.	3.5	84
4	The EBV Latent Antigen 3C Inhibits Apoptosis through Targeted Regulation of Interferon Regulatory Factors 4 and 8. PLoS Pathogens, 2013, 9, e1003314.	4.7	75
5	An Update on Antiviral Therapy Against SARS-CoV-2: How Far Have We Come?. Frontiers in Pharmacology, 2021, 12, 632677.	3.5	65
6	Potential Therapeutic Targets and Vaccine Development for SARS-CoV-2/COVID-19 Pandemic Management: A Review on the Recent Update. Frontiers in Immunology, 2021, 12, 658519.	4.8	63
7	H2AX Phosphorylation Is Important for LANA-Mediated Kaposi's Sarcoma-Associated Herpesvirus Episome Persistence. Journal of Virology, 2013, 87, 5255-5269.	3.4	61
8	A review of the presence of SARS-CoV-2 RNA in wastewater and airborne particulates and its use for virus spreading surveillance. Environmental Research, 2021, 196, 110929.	7.5	56
9	Epigenetic silencing of tumor suppressor genes during in vitro Epsteinâ€“Barr virus infection. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5199-207.	7.1	52
10	Gammaherpesvirus Infection of Human Neuronal Cells. MBio, 2015, 6, e01844-15.	4.1	49
11	EBNA3C-Mediated Regulation of Aurora Kinase B Contributes to Epstein-Barr Virus-Induced B-Cell Proliferation through Modulation of the Activities of the Retinoblastoma Protein and Apoptotic Caspases. Journal of Virology, 2013, 87, 12121-12138.	3.4	48
12	Status of Epstein-Barr Virus Coinfection withHelicobacter pyloriin Gastric Cancer. Journal of Oncology, 2017, 2017, 1-17.	1.3	47
13	SARS-CoV-2, an Underestimated Pathogen of the Nervous System. SN Comprehensive Clinical Medicine, 2020, 2, 2137-2146.	0.6	46
14	High immunoglobulin A seropositivity for combined Chlamydia pneumoniae, Helicobacter pylori infection, and high-sensitivity C-reactive protein in coronary artery disease patients in India can serve as atherosclerotic marker. Heart and Vessels, 2008, 23, 390-396.	1.2	44
15	EBNA3C Augments Pim-1 Mediated Phosphorylation and Degradation of p21 to Promote B-Cell Proliferation. PLoS Pathogens, 2014, 10, e1004304.	4.7	43
16	Metabolic reprogramming of Kaposiâ€™s sarcoma associated herpes virus infected B-cells in hypoxia. PLoS Pathogens, 2018, 14, e1007062.	4.7	41
17	Plasma circulatory markers in male and female patients with coronary artery disease. Heart and Lung: Journal of Acute and Critical Care, 2010, 39, 296-303.	1.6	38
18	Chromatinization of the KSHV Genome During the KSHV Life Cycle. Cancers, 2015, 7, 112-142.	3.7	35

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19	Glial cell response to Epstein-Barr Virus infection: A plausible contribution to virus-associated inflammatory reactions in the brain. Virology, 2021, 559, 182-195.	2.4	34
20	Epigenetic Regulation of Tumor Suppressors byHelicobacter pyloriEnhances EBV-Induced Proliferation of Gastric Epithelial Cells. MBio, 2018, 9, .	4.1	33
21	Kaposi's Sarcoma-Associated Herpesvirus-Encoded LANA Can Induce Chromosomal Instability through Targeted Degradation of the Mitotic Checkpoint Kinase Bub1. Journal of Virology, 2014, 88, 7367-7378.	3.4	31
22	Mutational analysis of structural proteins of SARS-CoV-2. Heliyon, 2021, 7, e06572.	3.2	30
23	Epstein-Barr Virus Essential Antigen EBNA3C Attenuates H2AX Expression. Journal of Virology, 2014, 88, 3776-3788.	3.4	29
24	An essential EBV latent antigen 3C binds Bcl6 for targeted degradation and cell proliferation. PLoS Pathogens, 2017, 13, e1006500.	4.7	29
25	Temporal In Vitro Raman Spectroscopy for Monitoring Replication Kinetics of Epsteinâ€“Barr Virus Infection in Glial Cells. ACS Omega, 2020, 5, 29547-29560.	3.5	29
26	Comorbidity Assessment Is Essential During COVID-19 Treatment. Frontiers in Physiology, 2020, 11, 984.	2.8	29
27	Identification of Potential Inhibitors against Epsteinâ€“Barr Virus Nuclear Antigen 1 (EBNA1): An Insight from Docking and Molecular Dynamic Simulations. ACS Chemical Neuroscience, 2021, 12, 3060-3072.	3.5	28
28	Helicobacter pylori and Epstein-Barr Virus Coinfection Stimulates Aggressiveness in Gastric Cancer through the Regulation of Gankyrin. MSphere, 2021, 6, e0075121.	2.9	28
29	Higher incidence of persistent chronic infection of Chlamydia pneumoniae among coronary artery disease patients in India is a cause of concern. BMC Infectious Diseases, 2007, 7, 48.	2.9	27
30	EBV Nuclear Antigen 3C Mediates Regulation of E2F6 to Inhibit E2F1 Transcription and Promote Cell Proliferation. PLoS Pathogens, 2016, 12, e1005844.	4.7	26
31	KSHV-Mediated Regulation of Par3 and SNAIL Contributes to B-Cell Proliferation. PLoS Pathogens, 2016, 12, e1005801.	4.7	26
32	EBNA3C regulates p53 through induction of Aurora kinase B. Oncotarget, 2015, 6, 5788-5803.	1.8	26
33	Impact of Gastrointestinal Symptoms in COVID-19: a Molecular Approach. SN Comprehensive Clinical Medicine, 2020, 2, 2658-2669.	0.6	24
34	Major Histocompatibility Complex Class II HLA-DRÎ± Is Downregulated by Kaposi's Sarcoma-Associated Herpesvirus-Encoded Lytic Transactivator RTA and MARCH8. Journal of Virology, 2016, 90, 8047-8058.	3.4	23
35	Epsteinâ€“Barr virus infection modulates bloodâ€“brain barrier cells and its co-infection with Plasmodium falciparum induces RBC adhesion. Pathogens and Disease, 2021, 79, .	2.0	23
36	Herpesviruses and the hidden links to Multiple Sclerosis neuropathology. Journal of Neuroimmunology, 2021, 358, 577636.	2.3	23

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37	Chlamydia pneumoniae heat shock protein 60 is associated with apoptotic signaling pathway in human atheromatous plaques of coronary artery disease patients. Journal of Cardiology, 2011, 58, 216-225.	1.9	22
38	Kaposiâ€™s Sarcoma-Associated Herpesvirus Genome Programming during the Early Stages of Primary Infection of Peripheral Blood Mononuclear Cells. MBio, 2014, 5, .	4.1	21
39	Kaposi's Sarcoma-Associated Herpesvirus-Encoded LANA Contributes to Viral Latent Replication by Activating Phosphorylation of Survivin. Journal of Virology, 2014, 88, 4204-4217.	3.4	21
40	Quassinoid analogs with enhanced efficacy for treatment of hematologic malignancies target the PI3KÎ³ isoform. Communications Biology, 2020, 3, 267.	4.4	21
41	In silicoanalysis of antiviral phytochemicals efficacy against Epsteinâ€“Barr virus glycoprotein H. Journal of Biomolecular Structure and Dynamics, 2022, 40, 5372-5385.	3.5	21
42	Indication of Neurodegenerative Cascade Initiation by Amyloid-like Aggregate-Forming EBV Proteins and Peptide in Alzheimerâ€™s Disease. ACS Chemical Neuroscience, 2021, 12, 3957-3967.	3.5	20
43	Prevalence of Chlamydophila pneumoniae is higher in aorta and coronary artery than in carotid artery of coronary artery disease patients. Apmis, 2009, 117, 905-911.	2.0	19
44	Oral rinses in growth inhibition and treatment of Helicobacter pylori infection. BMC Microbiology, 2020, 20, 45.	3.3	19
45	Plant derived active compounds as potential anti SARS-CoV-2 agents: an in-silico study. Journal of Biomolecular Structure and Dynamics, 2022, 40, 10629-10650.	3.5	19
46	Status of kinases in Epstein-Barr virus and Helicobacter pylori Coinfection in gastric Cancer cells. BMC Cancer, 2020, 20, 925.	2.6	18
47	Recent updates on COVID-19: A holistic review. Heliyon, 2020, 6, e05706.	3.2	16
48	Upregulation of Cellular Bcl-2 by the KSHV Encoded RTA Promotes Virion Production. PLoS ONE, 2011, 6, e23892.	2.5	15
49	A comparative analysis of COVID-19 outbreak on age groups and both the sexes of population from India and other countries. Journal of Infection in Developing Countries, 2021, 15, 333-341.	1.2	15
50	Bub1 in Complex with LANA Recruits PCNA To Regulate Kaposi's Sarcoma-Associated Herpesvirus Latent Replication and DNA Translesion Synthesis. Journal of Virology, 2015, 89, 10206-10218.	3.4	14
51	Repurposing of gastric cancer drugs against COVID-19. Computers in Biology and Medicine, 2021, 137, 104826.	7.0	14
52	Higher expression of ferritin protectsChlamydia trachomatisinfected HeLa 229 cells from reactive oxygen species mediated cell death. Biochemistry and Cell Biology, 2010, 88, 835-842.	2.0	12
53	Regulation of the metastasis suppressor Nm23-H1 by tumor viruses. Naunyn-Schmiedeberg's Archives of Pharmacology, 2015, 388, 207-224.	3.0	12
54	Shugoshin 1 is dislocated by KSHV-encoded LANA inducing aneuploidy. PLoS Pathogens, 2018, 14, e1007253.	4.7	12

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55	Insights into Plasmodium and SARS-CoV-2 co-infection driven neurological manifestations. Biosafety and Health, 2021, 3, 230-234.	2.7	12
56	Chlamydia pneumoniae IgA and elevated level of IL-6 may synergize to accelerate coronary artery disease. Journal of Cardiology, 2008, 52, 140-145.	1.9	11
57	Potential of algal metabolites for the development of broadâ€spectrum antiviral therapeutics: Possible implications in COVID â€19 therapy. Phytotherapy Research, 2021, 35, 2296-2316.	5.8	11
58	Persistently Elevated Level of IL-8 inChlamydia trachomatisInfected HeLa 229 Cells is Dependent on Intracellular Available Iron. Mediators of Inflammation, 2009, 2009, 1-6.	3.0	10
59	Differing Effects of Azithromycin and Doxycycline on Cytokines in Cells fromChlamydia trachomatisâ€“Infected Women. DNA and Cell Biology, 2012, 31, 392-401.	1.9	10
60	Cross talk between COVID-19 and breast cancer. Current Cancer Drug Targets, 2021, 21, 575-600.	1.6	10
61	An EBV recombinant deleted for residues 130-159 in EBNA3C can deregulate p53/Mdm2 and Cyclin D1/CDK6 which results in apoptosis and reduced cell proliferation. Oncotarget, 2016, 7, 18116-18134.	1.8	10
62	Chlamydia pneumoniaeHeat Shock Protein 60 Enhances Expression of ERK, TLR-4 and IL-8 in Atheromatous Plaques of Coronary Artery Disease Patients. Immunological Investigations, 2011, 40, 206-222.	2.0	9
63	A plausible contributor to multiple sclerosis; presentation of antigenic myelin protein epitopes by major histocompatibility complexes. Computers in Biology and Medicine, 2022, 148, 105856.	7.0	9
64	Small molecule growth inhibitors of human oncogenic gammaherpesvirus infected Bâ€cells. Molecular Oncology, 2015, 9, 365-376.	4.6	8
65	Decoding the Hostâ€“Parasite Protein Interactions Involved in Cerebral Malaria Through Glares of Molecular Dynamics Simulations. Journal of Physical Chemistry B, 2022, 126, 387-402.	2.6	8
66	Azithromycin Treatment Modulates Cytokine Production in Chlamydia trachomatis Infected Women. Basic and Clinical Pharmacology and Toxicology, 2009, 104, 478-482.	2.5	7
67	Oncogenic viruses associated with vulva cancer in HIV-1 patients in Botswana. Infectious Agents and Cancer, 2014, 9, 28.	2.6	7
68	Brain Tumour Detection and Grading Using Raman Scattering: Analogy from Semiconductors for Solving Biological Problem. Advances in Materials and Processing Technologies, 2020, , 1-12.	1.4	7
69	Dissecting the contribution of EBNA3C domains important for EBV-induced B-cell growth and proliferation. Oncotarget, 2015, 6, 30115-30129.	1.8	7
70	Gankyrin: At the crossroads of cancer diagnosis, disease prognosis, and development of efficient cancer therapeutics. Advances in Cancer Biology Metastasis, 2022, 4, 100023.	2.0	7
71	Unraveling the links between neurodegeneration and Epstein-Barr virus-mediated cell cycle dysregulation. Current Research in Neurobiology, 2022, 3, 100046.	2.3	7
72	Ultrasonic Atomizer-Driven Development of Biocompatible and Biodegradable Poly(<scp>d</scp>,<scp>l</scp>-lactide-co-glycolide) Nanocarrier-Encapsulated Suberoylanilide Hydroxamic Acid to Combat Brain Cancer. ACS Applied Bio Materials, 2021, 4, 5627-5637.	4.6	6

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73	Plant-derived active compounds as a potential nucleocapsid protein inhibitor of SARS-CoV-2: anin-silicostudy. Journal of Biomolecular Structure and Dynamics, 2023, 41, 4770-4785.	3.5	6
74	Association of Plasma Circulatory Markers,Chlamydia pneumoniae, and High Sensitive C-Reactive Protein in Coronary Artery Disease Patients of India. Mediators of Inflammation, 2009, 2009, 1-5.	3.0	5
75	Epstein-Barr Virus Facilitates Expression of KLF14 by Regulating the Cooperative Binding of the E2F-Rb-HDAC Complex in Latent Infection. Journal of Virology, 2020, 94, .	3.4	5
76	Potential entry receptors for human Î³-herpesvirus into epithelial cells: A plausible therapeutic target for viral infections. Tumour Virus Research, 2021, 12, 200227.	3.8	5
77	Comparative Account of Biomolecular Changes Post Epstein Barr Virus Infection of the Neuronal and Glial Cells Using Raman Microspectroscopy. ACS Chemical Neuroscience, 2022, 13, 1627-1637.	3.5	5
78	Self-assembled benzoselenadiazole-capped tripeptide hydrogels with inherent in vitro anti-cancer and anti-inflammatory activity. Chemical Communications, 2022, 58, 7534-7537.	4.1	5
79	Coronary artery disease patient's first degree relatives may be at higher risk for atherosclerosis. International Journal of Cardiology, 2009, 135, 408-409.	1.7	4
80	Early biomolecular changes in brain microvascular endothelial cells under Epsteinâ€“Barr virus influence: a Raman microspectroscopic investigation. Integrative Biology (United Kingdom), 2022, 14, 89-97.	1.3	4
81	Serovar-specific immune responses to peptides of variable regions of Chlamydia trachomatis major outer membrane protein in serovar D-infected women. Clinical and Experimental Medicine, 2008, 8, 207-215.	3.6	3
82	Atypical Green Luminescence from Raw Cassia Siamea Extract: A Comparison with Red Emitting Tinospora Cordifolia. ACS Applied Bio Materials, 2021, 4, 5981-5986.	4.6	3
83	Restructuring the ONYX-015 adenovirus by using spike protein genes from SARS-CoV-2 and MERS-CoV: Possible implications in breast cancer treatment. Medical Hypotheses, 2022, 159, 110750.	1.5	3
84	Kinases and therapeutics in pathogen mediated gastric cancer. Molecular Biology Reports, 2022, 49, 2519-2530.	2.3	3
85	Epsteinâ€“Barr Virus and Burkittâ€™s Lymphoma. , 2013, , 175-209.		2
86	The interrelation of COVID-19 and neurological modalities. Neurological Sciences, 2021, 42, 2157-2160.	1.9	2
87	Detection and Analysis of Human Brain Disorders. Advances in Intelligent Systems and Computing, 2019, , 717-726.	0.6	2
88	Post COVID-19 complications, adjunct therapy explored, and steroidal after effects. Canadian Journal of Chemistry, 2022, 100, 459-474.	1.1	2
89	Sequencing of Chlamydia pneumoniae in coronary artery disease patients attending tertiary hospital in India. American Journal of Infection Control, 2010, 38, 497-498.	2.3	1
90	Cytokine and Chemokine Expression Profiles in HIV-1 Infected Patients with Ocular Surface Squamous Neoplasia from Botswana. Cancer and Clinical Oncology, 2012, 1, .	0.2	1

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91	Transformation of Primary Conjunctival Cells Transfected with Papilloma and Herpesvirus Oncogenes. Cancer and Clinical Oncology, 2016, 5, 6.	0.2	1
92	Editorial: Molecular and Cellular Interactions Between the Host and Herpesviruses. Frontiers in Cellular and Infection Microbiology, 2021, 11, 771331.	3.9	1
93	Optical Imaging with Signal Processing for Non-invasive Diagnosis in Gastric Cancer: Nonlinear Optical Microscopy Modalities. Advances in Intelligent Systems and Computing, 2019, , 609-619.	0.6	1
94	Impact of viral and bacterial infections in coronary artery disease patients. World Journal of Translational Medicine, 2013, .	3.5	1
95	Reduce the Risk of Dementia; Early Diagnosis of Alzheimerâ€™s Disease. Advances in Intelligent Systems and Computing, 2019, , 621-632.	0.6	1
96	Why first degree relatives of coronary artery disease patient's have Chlamydia pneumoniae infection. International Journal of Cardiology, 2010, 144, e46-e47.	1.7	0
97	Anal Cancer Patients in a Metropolitan Hospital Present Infection with Multiple Oncogenic Viruses. Cancer and Clinical Oncology, 2015, 4, .	0.2	0
98	Lymphocryptoviruses: EBV and Its Role in Human Cancer. , 2012, , 169-199.		0
99	Diagnosis of Tumorigenesis and Cancer. Advances in Intelligent Systems and Computing, 2019, , 633-643.	0.6	0
100	COVID-19 Severity among Cancer-COVID Patients with Different Types of Cancer: A Case Series of Five Patients. Asian Pacific Journal of Cancer Care, 2021, 6, 117-122.	0.1	0
101	Synthesizing Luminescent Carbon from Condensed Tobacco Smoke: Bio-Waste for Possible Bioimaging. Canadian Journal of Chemistry, 0, , .	1.1	0
102	Improper Proteostasis: Can It Serve as Biomarkers for Neurodegenerative Diseases?. Molecular Neurobiology, 2022, , 1.	4.0	0
103	Evaluation and Assessment of the Expression of DNA Damage Response â€“ Related Molecules in Oral Submucous Fibrosis (OSF) and Oral Squamous Cell Carcinoma (OSCC) with OSF. Journal of Pharmaceutical Research International, 0, , 219-225.	1.0	0
104	Aurora kinase: An emerging potential target in therapeutics. , 2022, , 261-322.		0