

Hitendra Chand

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

2,198
citations

236925

25
h-index

254184

43
g-index

85
all docs

85
docs citations

85
times ranked

3392
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of hepatic antioxidants in freshwater catfish (<i>Channa punctatus</i> Bloch) is a biomarker of paper mill effluent exposure. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2000, 1523, 37-48.	2.4	297
2	Evolutionary analysis of the Delta and Delta Plus variants of the SARS-CoV-2 viruses. <i>Journal of Autoimmunity</i> , 2021, 124, 102715.	6.5	209
3	Omicron SARS-CoV-2 variant: Unique features and their impact on pre-existing antibodies. <i>Journal of Autoimmunity</i> , 2022, 126, 102779.	6.5	169
4	Structure, function and biology of tissue factor pathway inhibitor-2. <i>Thrombosis and Haemostasis</i> , 2005, 94, 1122-1130.	3.4	88
5	Molecular Processes that Drive Cigarette Smoke-Induced Epithelial Cell Fate of the Lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 471-482.	2.9	88
6	Nontoxic amphiphilic carbon dots as promising drug nanocarriers across the blood-brain barrier and inhibitors of I ² -amyloid. <i>Nanoscale</i> , 2019, 11, 22387-22397.	5.6	83
7	Pulmonary Toxicity and the Pathophysiology of Electronic Cigarette, or Vaping Product, Use Associated Lung Injury. <i>Frontiers in Pharmacology</i> , 2019, 10, 1619.	3.5	73
8	The effect of human tissue factor pathway inhibitor-2 on the growth and metastasis of fibrosarcoma tumors in athymic mice. <i>Blood</i> , 2004, 103, 1069-1077.	1.4	57
9	SARS-CoV-2 Infection in the Central and Peripheral Nervous System-Associated Morbidities and Their Potential Mechanism. <i>Molecular Neurobiology</i> , 2021, 58, 2465-2480.	4.0	55
10	Structure-Function Analysis of the Reactive Site in the First Kunitz-type Domain of Human Tissue Factor Pathway Inhibitor-2. <i>Journal of Biological Chemistry</i> , 2004, 279, 17500-17507.	3.4	54
11	Identification of a novel human tissue factor splice variant that is upregulated in tumor cells. <i>International Journal of Cancer</i> , 2006, 118, 1713-1720.	5.1	44
12	Nanoparticle-mediated approaches for Alzheimer's disease pathogenesis, diagnosis, and therapeutics. <i>Journal of Controlled Release</i> , 2019, 314, 125-140.	9.9	43
13	Cellular stress responses and dysfunctional Mitochondrial cellular senescence, and therapeutics in chronic respiratory diseases. <i>Redox Biology</i> , 2020, 33, 101443.	9.0	41
14	Deacetylation of p53 induces autophagy by suppressing Bmf expression. <i>Journal of Cell Biology</i> , 2013, 201, 427-437.	5.2	40
15	Metabolomics to Predict Antiviral Drug Efficacy in COVID-19. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 63, 396-398.	2.9	40
16	Wood Smoke Enhances Cigarette Smoke-Induced Inflammation by Inducing the Aryl Hydrocarbon Receptor Repressor in Airway Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 52, 377-386.	2.9	39
17	Long Noncoding Transcriptome in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 678-688.	2.9	38
18	Crystal Structure of Kunitz Domain 1 (KD1) of Tissue Factor Pathway Inhibitor-2 in Complex with Trypsin. <i>Journal of Biological Chemistry</i> , 2005, 280, 27832-27838.	3.4	35

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19	Discriminating Virulence Mechanisms among <i>Bacillus anthracis</i> Strains by Using a Murine Subcutaneous Infection Model. <i>Infection and Immunity</i> , 2009, 77, 429-435.	2.2	34
20	Nanoparticle Based Treatment for Cardiovascular Diseases. <i>Cardiovascular & Hematological Disorders Drug Targets</i> , 2019, 19, 33-44.	0.7	34
21	Distinct Exosomal miRNA Profiles from BALF and Lung Tissue of COPD and IPF Patients. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11830.	4.1	33
22	Gestational Exposure to Sidestream (Secondhand) Cigarette Smoke Promotes Transgenerational Epigenetic Transmission of Exacerbated Allergic Asthma and Bronchopulmonary Dysplasia. <i>Journal of Immunology</i> , 2017, 198, 3815-3822.	0.8	30
23	MRI-Guided, Noninvasive Delivery of Magneto-Electric Drug Nanocarriers to the Brain in a Nonhuman Primate. <i>ACS Applied Bio Materials</i> , 2019, 2, 4826-4836.	4.6	30
24	Development of Multifunctional Biopolymeric Auto-Fluorescent Micro- and Nanogels as a Platform for Biomedical Applications. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 315.	4.1	26
25	Gestational Exposure of Mice to Secondhand Cigarette Smoke Causes Bronchopulmonary Dysplasia Blocked by the Nicotinic Receptor Antagonist Mecamylamine. <i>Environmental Health Perspectives</i> , 2013, 121, 957-964.	6.0	25
26	Acute Inflammation Induces Insulin-like Growth Factor-1 to Mediate Bcl-2 and Muc5ac Expression in Airway Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 47, 784-791.	2.9	24
27	Intracellular Insulin-like Growth Factor-1 Induces Bcl-2 Expression in Airway Epithelial Cells. <i>Journal of Immunology</i> , 2012, 188, 4581-4589.	0.8	23
28	A genetic variant of p53 restricts the mucous secretory phenotype by regulating SPDEF and Bcl-2 expression. <i>Nature Communications</i> , 2014, 5, 5567.	12.8	23
29	Bik reduces hyperplastic cells by increasing Bak and activating DAPk1 to juxtapose ER and mitochondria. <i>Nature Communications</i> , 2017, 8, 803.	12.8	21
30	TGF- β 1 increases viral burden and promotes HIV-1 latency in primary differentiated human bronchial epithelial cells. <i>Scientific Reports</i> , 2019, 9, 12552.	3.3	21
31	Cigarette smoke and HIV synergistically affect lung pathology in cynomolgus macaques. <i>Journal of Clinical Investigation</i> , 2018, 128, 5428-5433.	8.2	21
32	Human Immunodeficiency Virus and Severe Acute Respiratory Syndrome Coronavirus 2 Coinfection: A Systematic Review of the Literature and Challenges. <i>AIDS Research and Human Retroviruses</i> , 2021, 37, 266-282.	1.1	20
33	Identification of a human TFPI-2 splice variant that is upregulated in human tumor tissues. <i>Molecular Cancer</i> , 2007, 6, 20.	19.2	18
34	Anti-IgE therapy results in decreased myeloid dendritic cells in asthmatic airways. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 125, 1157-1158.e5.	2.9	18
35	IL-13 in LPS-Induced Inflammation Causes Bcl-2 Expression to Sustain Hyperplastic Mucous cells. <i>Scientific Reports</i> , 2018, 8, 436.	3.3	18
36	Acetylcholinesterase Inhibitor Pyridostigmine Bromide Attenuates Gut Pathology and Bacterial Dysbiosis in a Murine Model of Ulcerative Colitis. <i>Digestive Diseases and Sciences</i> , 2020, 65, 141-149.	2.3	17

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37	TFEB protein expression is reduced in aged brains and its overexpression mitigates senescence-associated biomarkers and memory deficits in mice. <i>Neurobiology of Aging</i> , 2021, 106, 26-36.	3.1	17
38	Differential plasma exosomal long non-coding RNAs expression profiles and their emerging role in E-cigarette users, cigarette, waterpipe, and dual smokers. <i>PLoS ONE</i> , 2020, 15, e0243065.	2.5	17
39	A long noncoding RNA antisense to ICAM-1 is involved in allergic asthma associated hyperreactive response of airway epithelial cells. <i>Mucosal Immunology</i> , 2021, 14, 630-639.	6.0	16
40	Cowpox virus inhibits human dendritic cell immune function by nonlethal, nonproductive infection. <i>Virology</i> , 2011, 412, 411-425.	2.4	15
41	Blocking Bcl-2 resolves IL-13-mediated mucous cell hyperplasia in a Bik-dependent manner. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 1456-1459.e9.	2.9	14
42	Human tissue factor pathway inhibitor-2 does not bind or inhibit activated matrix metalloproteinase-1. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2003, 1621, 242-245.	2.4	13
43	Connective Tissue Growth Factor Promotes Pulmonary Epithelial Cell Senescence and Is Associated with COPD Severity. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2017, 14, 228-237.	1.6	13
44	A Small Molecule BH3-mimetic Suppresses Cigarette Smoke-Induced Mucous Expression in Airway Epithelial Cells. <i>Scientific Reports</i> , 2018, 8, 13796.	3.3	12
45	Human tissue factor pathway inhibitor-2 is internalized by cells and translocated to the nucleus by the importin system. <i>Archives of Biochemistry and Biophysics</i> , 2009, 482, 58-65.	3.0	11
46	Intimacy and a deadly feud: the interplay of autophagy and apoptosis mediated by amino acids. <i>Amino Acids</i> , 2015, 47, 2089-2099.	2.7	10
47	HIF-1 β Plays a Critical Role in the Gestational Sidestream Smoke-Induced Bronchopulmonary Dysplasia in Mice. <i>PLoS ONE</i> , 2015, 10, e0137757.	2.5	10
48	Noxa/HSP27 complex delays degradation of ubiquitylated I κ B β in airway epithelial cells to reduce pulmonary inflammation. <i>Mucosal Immunology</i> , 2018, 11, 741-751.	6.0	9
49	Role of Non-Coding RNAs in Lung Circadian Clock Related Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3013.	4.1	9
50	HIV-1 Productively Infects and Integrates in Bronchial Epithelial Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 612360.	3.9	9
51	APO-9 β -Fucoxanthinone Extracted from <i>Undaria pinnatifida</i> Protects Oxidative Stress-Mediated Apoptosis in Cigarette Smoke-Exposed Human Airway Epithelial Cells. <i>Marine Drugs</i> , 2016, 14, 140.	4.6	8
52	Bik Mediates Caspase-Dependent Cleavage of Viral Proteins to Promote Influenza A Virus Infection. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 664-673.	2.9	8
53	Rethinking the chemokine cascade in brain metastasis: Preventive and therapeutic implications. <i>Seminars in Cancer Biology</i> , 2022, 86, 914-930.	9.6	7
54	Increased Expression of Lasi lncRNA Regulates the Cigarette Smoke and COPD Associated Airway Inflammation and Mucous Cell Hyperplasia. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	7

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55	Quantitative real-time reverse transcription polymerase chain reaction analysis of a novel tissue factor splice variant in select human solid tumors. <i>Journal of Thrombosis and Haemostasis</i> , 2007, 5, 640-641.	3.8	6
56	Immunomodulatory lncRNA on antisense strand of ICAM-1 augments SARS-CoV-2 infection-associated airway mucoinflammatory phenotype. <i>iScience</i> , 2022, 25, 104685.	4.1	6
57	Molecular cloning, expression, and characterization of bovine tissue factor pathway inhibitor-2. <i>Archives of Biochemistry and Biophysics</i> , 2003, 417, 96-104.	3.0	5
58	Extent of allergic inflammation depends on intermittent versus continuous sensitization to house dust mite. <i>Inhalation Toxicology</i> , 2017, 29, 106-112.	1.6	5
59	Cell-Line-Based Studies of Nanotechnology Drug-Delivery Systems. , 2019, , 375-393.		5
60	Development and Challenges of Nanotherapeutic Formulations for Targeting Mitochondrial Cell Death Pathways in Lung and Brain Degenerative Diseases. <i>Critical Reviews in Biomedical Engineering</i> , 2020, 48, 137-152.	0.9	5
61	Gestational Exposure to Cigarette Smoke Suppresses the Gasotransmitter H ₂ S Biogenesis and the Effects Are Transmitted Transgenerationally. <i>Frontiers in Immunology</i> , 2020, 11, 1628.	4.8	4
62	Hydrogels in Tissue Engineering. , 2020, , 105-122.		3
63	T cells suppress memory-dependent rapid mucous cell metaplasia in mouse airways. <i>Respiratory Research</i> , 2016, 17, 132.	3.6	1
64	SARS-CoV-2, Inflammatory Apoptosis, and Cytokine Storm Syndrome. <i>The Open Covid Journal</i> , 2021, 1, 22-31.	0.2	1
65	Crystal Structure of Kunitz Domain 1 (KD1) of Tissue Factor Pathway Inhibitor-2 with Trypsin and Molecular Model of KD1 with Plasmin and Factor VIIa/Tissue Factor: Implications for KD1 Specificity of Inhibition.. <i>Blood</i> , 2004, 104, 121-121.	1.4	1
66	ApoL6 Induces Dichotomous Cell Death Phenotype Involving Both Apoptosis and Necroptosis in Cancer Cells. <i>Clinical Oncology and Research</i> , 2020, , 1-9.	0.0	1
67	A Reference Preparation of Buffalo Pituitary Follicle Stimulating Hormone using Lectin Affinity Chromatography. <i>Preparative Biochemistry and Biotechnology</i> , 2005, 35, 331-345.	1.9	0
68	Insulin-Like Growth Factor-I Modulates Bcl-2 Expression In Hyperplastic Mucous Cells. , 2010, , .		0
69	Insulin-Like Growth Factor-I Mediates IL-1 β -Induced BCL-2 Expression In Hyperplastic Mucous Cells In Cystic Fibrosis And Chronic Bronchitis. , 2011, , .		0
70	NOXA Interacts With HSP27 To Inhibit NF- κ B-Mediated Inflammation In Cigarette Smokers. , 2012, , .		0
71	IL-13 Induces BCL-2 Levels In Airway Epithelial Cells To Counter BIK Mediated Cell Death And Facilitate MUC5AC Expression. , 2012, , .		0
72	Targeted Disruption Of Bcl2-Interacting Killer (Bik) Augments Cigarette Smoke-Induced Lung Inflammation And Persistence Of Emphysema In Mice. , 2012, , .		0

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73	Bik Interacts With DAP-Kinase And ERK1/2 To Activate Bak And Cause Cell Death In Hyperplastic Epithelial Cells. , 2012, , .		0
74	A Long Noncoding RNA Antisense to ICAM-1 Is Involved in Allergic Asthma Associated Hyperreactive Mucous Response of Airway Epithelial Cells. , 2020, , .		0
75	Effect of TGF-Beta Induced Aberrant Micronaomics on Cliogenesis in Primary Human Bronchial Epithelial Cells. , 2020, , .		0
76	Apoptosis Cellular Models in Cancer Therapeutics. Clinical Oncology and Research, 2020, , 1-8.	0.0	0
77	Title is missing!. , 2020, 15, e0243065.		0
78	Title is missing!. , 2020, 15, e0243065.		0
79	Title is missing!. , 2020, 15, e0243065.		0
80	Title is missing!. , 2020, 15, e0243065.		0