

Kp Mishra

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

1,963
citations

218677
26
h-index

265206
42
g-index

67
all docs

67
docs citations

67
times ranked

2562
citing authors

#	ARTICLE	IF	CITATIONS
1	Lead exposure and its impact on immune system: A review. <i>Toxicology in Vitro</i> , 2009, 23, 969-972.	2.4	145
2	Broad-spectrum antiviral properties of andrographolide. <i>Archives of Virology</i> , 2017, 162, 611-623.	2.1	135
3	A review of high throughput technology for the screening of natural products. <i>Biomedicine and Pharmacotherapy</i> , 2008, 62, 94-98.	5.6	107
4	Anticellular and immunosuppressive properties of ethanolic extract of <i>Acorus calamus</i> rhizome. <i>International Immunopharmacology</i> , 2003, 3, 53-61.	3.8	98
5	Effect of lead exposure on the immune response of some occupationally exposed individuals. <i>Toxicology</i> , 2003, 188, 251-259.	4.2	94
6	Effect of <i>Hippophae rhamnoides</i> leaf extract against Dengue virus infection in human blood-derived macrophages. <i>Phytomedicine</i> , 2008, 15, 793-799.	5.3	87
7	Cytotoxic response of breast cancer cell lines, MCF 7 and T 47 D to triphala and its modification by antioxidants. <i>Cancer Letters</i> , 2006, 238, 304-313.	7.2	71
8	Immunomodulation by ethanolic extract of <i>Boerhaavia diffusa</i> roots. <i>International Immunopharmacology</i> , 2002, 2, 987-996.	3.8	66
9	Aqueous Extract of <i>Rhodiola imbricata</i> Rhizome Stimulates Proinflammatory Mediators via Phosphorylated I κ B and Transcription Factor Nuclear Factor- κ B. <i>Immunopharmacology and Immunotoxicology</i> , 2006, 28, 201-212.	2.4	55
10	Aqueous extract of <i>Rhodiola imbricata</i> rhizome inhibits proliferation of an erythroleukemic cell line K-562 by inducing apoptosis and cell cycle arrest at G2/M phase. <i>Immunobiology</i> , 2008, 213, 125-131.	1.9	50
11	Influence of High Altitude Exposure on the Immune System: A Review. <i>Immunological Investigations</i> , 2010, 39, 219-234.	2.0	48
12	Evaluation of anti-dengue activity of <i>Carica papaya</i> aqueous leaf extract and its role in platelet augmentation. <i>Archives of Virology</i> , 2019, 164, 1095-1110.	2.1	45
13	RNA interference mediated silencing of Hsp60 gene in human monocytic myeloma cell line U937 revealed decreased dengue virus multiplication. <i>Immunobiology</i> , 2009, 214, 422-429.	1.9	44
14	Andrographolide - A promising therapeutic agent, negatively regulates glial cell derived neurodegeneration of prefrontal cortex, hippocampus and working memory impairment. <i>Journal of Neuroimmunology</i> , 2017, 313, 161-175.	2.3	43
15	Effect of Seabuckthorn (<i>Hippophae rhamnoides</i>) flavone on immune system: an <i>in vitro</i> approach. <i>Phytotherapy Research</i> , 2008, 22, 1490-1495.	5.8	41
16	Effect of lead exposure on lymphocyte subsets and activation markers. <i>Immunopharmacology and Immunotoxicology</i> , 2010, 32, 446-449.	2.4	40
17	Dengue Virus Infection Activates Cellular Chaperone Hsp70 in THP-1 Cells: Downregulation of Hsp70 by siRNA Revealed Decreased Viral Replication. <i>Viral Immunology</i> , 2010, 23, 557-565.	1.3	36
18	High-Altitude-Induced alterations in Gut-Immune Axis: A review. <i>International Reviews of Immunology</i> , 2018, 37, 119-126.	3.3	35

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19	Effect of lead exposure on serum immunoglobulins and reactive nitrogen and oxygen intermediate. Human and Experimental Toxicology, 2006, 25, 661-665.	2.2	34
20	Golden root: A wholesome treat of immunity. Biomedicine and Pharmacotherapy, 2017, 87, 496-502.	5.6	34
21	Aqueous extract of Rhodiola imbricata rhizome stimulates Toll-like receptor 4, granzyme-B and Th1 cytokines in vitro. Immunobiology, 2009, 214, 27-31.	1.9	33
22	Andrographolide attenuates complete freund's adjuvant induced arthritis via suppression of inflammatory mediators and pro-inflammatory cytokines. Journal of Ethnopharmacology, 2020, 261, 113022.	4.1	33
23	Hypoxia modulates innate immune factors: A review. International Immunopharmacology, 2015, 28, 425-428.	3.8	31
24	Inhibitory effects of andrographolide on activated macrophages and adjuvant-induced arthritis. Inflammopharmacology, 2018, 26, 447-456.	3.9	31
25	Role of DNA Methylation in Hypobaric Hypoxia-Induced Neurodegeneration and Spatial Memory Impairment. Annals of Neurosciences, 2018, 25, 191-200.	1.7	30
26	Dengue virus infection induces upregulation of hn RNP-H and PDIA3 for its multiplication in the host cell. Virus Research, 2012, 163, 573-579.	2.2	28
27	Rhodiola inhibits dengue virus multiplication by inducing innate immune response genes RIG-I, MDA5 and ISG in human monocytes. Archives of Virology, 2014, 159, 1975-1986.	2.1	27
28	Effects of Acute Exposure to Hypobaric Hypoxia on Mucosal Barrier Injury and the Gastrointestinal Immune Axis in Rats. High Altitude Medicine and Biology, 2019, 20, 35-44.	0.9	25
29	Effect of modulation of unfolded protein response pathway on dengue virus infection. Acta Biochimica Et Biophysica Sinica, 2015, 47, 960-968.	2.0	24
30	Anti-cellular and immunomodulatory potential of aqueous extract of <i>Rhodiola imbricata</i> rhizome. Immunopharmacology and Immunotoxicology, 2012, 34, 513-518.	2.4	23
31	Supercritical extract of Seabuckthorn Leaves (SCE200ET) inhibited endotoxemia by reducing inflammatory cytokines and nitric oxide synthase 2 expression. International Immunopharmacology, 2014, 20, 89-94.	3.8	23
32	Rapid antibiotic susceptibility testing by resazurin using thin film platinum as a bio-electrode. Journal of Microbiological Methods, 2019, 162, 69-76.	1.6	23
33	A comparative immunological analysis of CoCl ₂ treated cells with in vitro hypoxic exposure. BioMetals, 2015, 28, 175-185.	4.1	22
34	Salidroside exhibits anti-dengue virus activity by upregulating host innate immune factors. Archives of Virology, 2016, 161, 3331-3344.	2.1	21
35	Heat stress induced oxidative damage and perturbation in BDNF/ERK1/2/CREB axis in hippocampus impairs spatial memory. Behavioural Brain Research, 2021, 396, 112895.	2.2	21
36	Serum levels of immunoglobulins (IgG, IgA, IgM) in Antarctic summer expeditioners and their relationship with seasickness. Cellular Immunology, 2011, 271, 29-35.	3.0	20

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37	Hypoxia-Induced Inflammatory Chemokines in Subjects with a History of High-Altitude Pulmonary Edema. Indian Journal of Clinical Biochemistry, 2016, 31, 81-86.	1.9	20
38	Dengue virus non-structural 1 protein interacts with heterogeneous nuclear ribonucleoprotein H in human monocytic cells. Asian Pacific Journal of Tropical Medicine, 2016, 9, 112-118.	0.8	18
39	Adjuvant effect of aqueous extract of <i>Rhodiola imbricatarhizome</i> on the immune responses to tetanus toxoid and ovalbumin in rats. Immunopharmacology and Immunotoxicology, 2010, 32, 141-146.	2.4	17
40	A comparative analysis of immunomodulatory potential of Seabuckthorn leaf extract in young and old mice. Biomedicine and Aging Pathology, 2011, 1, 61-64.	0.8	17
41	Wintering in Antarctica: Impact on Immune Response of Indian Expeditioners. NeuroImmunoModulation, 2012, 19, 327-333.	1.8	17
42	A supercritical CO ₂ extract from seabuckthorn leaves inhibits pro-inflammatory mediators via inhibition of mitogen activated protein kinase p38 and transcription factor nuclear factor- κ B. International Immunopharmacology, 2012, 13, 461-467.	3.8	17
43	CXCR7: A key neuroprotective molecule against alarmin HMGB1 mediated CNS pathophysiology and subsequent memory impairment. Brain, Behavior, and Immunity, 2019, 82, 319-337.	4.1	15
44	Effect of Synbiotics on Amelioration of Intestinal Inflammation Under Hypobaric Hypoxia. High Altitude Medicine and Biology, 2021, 22, 32-44.	0.9	15
45	Intranasally delivered small interfering RNA-mediated suppression of scavenger receptor Mac-1 attenuates microglial phenotype switching and working memory impairment following hypoxia. Neuropharmacology, 2018, 137, 240-255.	4.1	12
46	Hypoxic Stress Induced TREM-1 and Inflammatory Chemokines in Human Peripheral Blood Mononuclear Cells. Indian Journal of Clinical Biochemistry, 2014, 29, 133-138.	1.9	9
47	Augmentation of humoral and cellular immunity in response to Tetanus and Diphtheria toxoids by supercritical carbon dioxide extracts of <i>Hippophae rhamnoides</i> L. leaves. International Immunopharmacology, 2017, 44, 123-136.	3.8	9
48	HDAC inhibition prevents hypobaric hypoxia-induced spatial memory impairment through π 3K/GSK3 β /CREB pathway. Journal of Cellular Physiology, 2021, 236, 6754-6771.	4.1	9
49	Andrographolide inhibits chikungunya virus infection by up-regulating host innate immune pathways. Asian Pacific Journal of Tropical Medicine, 2018, 11, 214.	0.8	9
50	Andrographolide Mitigates Unfolded Protein Response Pathway and Apoptosis Involved in Chikungunya Virus Infection. Combinatorial Chemistry and High Throughput Screening, 2021, 24, 849-859.	1.1	8
51	Ship-borne Journey Induces Th1 Cytokines Level in Antarctic Summer Expeditioners. Immunological Investigations, 2010, 39, 770-779.	2.0	6
52	Evidence for altered metabolic pathways during environmental stress: ¹ H-NMR spectroscopy based metabolomics and clinical studies on subjects of sea-voyage and Antarctic-stay. Physiology and Behavior, 2014, 135, 81-90.	2.1	6
53	Andrographolide: Regulating the Master Regulator NF- κ B. Indian Journal of Clinical Biochemistry, 2021, 36, 117-119.	1.9	6
54	Adjuvant activity of ethanol extract of <i>Hippophae rhamnoides</i> leaves with inactivated rabies virus antigen. Pharmaceutical Biology, 2018, 56, 25-31.	2.9	5

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55	Dysfunctional State of T Cells or Exhaustion During Chronic Viral Infections and COVID-19: A Review. <i>Viral Immunology</i> , 2022, 35, 284-290.	1.3	5
56	Antarctic Harsh Environment as Natural Stress Model: Impact on Salivary Immunoglobulins, Transforming Growth Factor- β^2 and Cortisol Level. <i>Indian Journal of Clinical Biochemistry</i> , 2012, 27, 357-362.	1.9	4
57	Andrographolide “A prospective remedy for chikungunya fever and viral arthritis. <i>International Immunopharmacology</i> , 2021, 99, 108045.	3.8	4
58	Advances in Rapid Detection and Antimicrobial Susceptibility Tests: A Review. <i>Defence Life Science Journal</i> , 2018, 4, 12-20.	0.3	4
59	Trans-Himalayan Phytococktail Confers Protection Against Hypobaric Hypoxia-Induced Hippocampal Neurodegeneration and Memory Impairment in Male Sprague Dawley Rats. <i>High Altitude Medicine and Biology</i> , 2019, 20, 279-292.	0.9	2
60	Re-exposure to alarmin HMGB1 and cytokine IL-1 beta induces differential innate immune response generation in mouse brain. <i>Journal of Neuroimmunology</i> , 2021, 357, 577625.	2.3	2
61	Supercritical Carbon Dioxide Extract of Seabuckthorn Leaves Enhances Rabies Virus Neutralizing Antibody Titers and CTL Response in Swiss Albino Mice. <i>Journal of Vaccines and Immunology</i> , 2016, 2, 004-009.	0.3	1
62	Differential immune response generation in rats acutely exposed to hypobaric hypoxia and determination of susceptibility and tolerance. <i>MOJ Immunology</i> , 2018, 6, .	11.0	1
63	Curcumin inhibits Jurkat cell proliferation by inducing apoptosis via activation-induced cell death. <i>Biomedicine and Preventive Nutrition</i> , 2011, 1, 32-35.	0.9	0
64	Activation of Complement System during Ship Voyage and Winter-over Expedition in Antarctica. <i>Journal of Marine Science: Research & Development</i> , 2015, 05, .	0.4	0
65	Altitude sickness and Antarctic polar plateau: A review. <i>Insights in Clinical and Cellular Immunology</i> , 2019, 3, 016-018.	0.4	0