

Rekha Khandia

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

4,092
citations

218381

26
h-index

128067

60
g-index

73
all docs

73
docs citations

73
times ranked

5704
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	4.3	1,430
2	Emergence of SARS-CoV-2 Omicron (B.1.1.529) variant, salient features, high global health concerns and strategies to counter it amid ongoing COVID-19 pandemic. Environmental Research, 2022, 209, 112816.	3.7	189
3	Green tea (Camellia sinensis) and l-theanine: Medicinal values and beneficial applications in humansâ€”A comprehensive review. Biomedicine and Pharmacotherapy, 2017, 95, 1260-1275.	2.5	175
4	Medicinal and Therapeutic Potential of Herbs and Plant Metabolites / Extracts Countering Viral Pathogens - Current Knowledge and Future Prospects. Current Drug Metabolism, 2018, 19, 236-263.	0.7	168
5	Biomarkers in Stress Related Diseases/Disorders: Diagnostic, Prognostic, and Therapeutic Values. Frontiers in Molecular Biosciences, 2019, 6, 91.	1.6	161
6	A Comprehensive Review of Autophagy and Its Various Roles in Infectious, Non-Infectious, and Lifestyle Diseases: Current Knowledge and Prospects for Disease Prevention, Novel Drug Design, and Therapy. Cells, 2019, 8, 674.	1.8	154
7	Advances in Aquaculture Vaccines Against Fish Pathogens: Global Status and Current Trends. Reviews in Fisheries Science and Aquaculture, 2017, 25, 184-217.	5.1	141
8	Nipah virus: epidemiology, pathology, immunobiology and advances in diagnosis, vaccine designing and control strategies â€” a comprehensive review. Veterinary Quarterly, 2019, 39, 26-55.	3.0	124
9	Interplay between inflammation and cancer. Advances in Protein Chemistry and Structural Biology, 2020, 119, 199-245.	1.0	122
10	Analysis of Nipah Virus Codon Usage and Adaptation to Hosts. Frontiers in Microbiology, 2019, 10, 886.	1.5	110
11	Advances in Developing Therapies to Combat Zika Virus: Current Knowledge and Future Perspectives. Frontiers in Microbiology, 2017, 8, 1469.	1.5	101
12	Modulation of Dengue/Zika Virus Pathogenicity by Antibody-Dependent Enhancement and Strategies to Protect Against Enhancement in Zika Virus Infection. Frontiers in Immunology, 2018, 9, 597.	2.2	97
13	Advances in Designing and Developing Vaccines, Drugs, and Therapies to Counter Ebola Virus. Frontiers in Immunology, 2018, 9, 1803.	2.2	65
14	Heat Shock Proteins: Therapeutic Perspectives in Inflammatory Disorders. Recent Patents on Inflammation and Allergy Drug Discovery, 2017, 10, 94-104.	3.9	62
15	Advances in Diagnosis, Surveillance, and Monitoring of Zika Virus: An Update. Frontiers in Microbiology, 2017, 8, 2677.	1.5	59
16	Twin combination of Omicron and Delta variants triggering a tsunami wave of ever high surges in COVIDâ€”19 cases: A challenging global threat with a special focus on the Indian subcontinent. Journal of Medical Virology, 2022, 94, 1761-1765.	2.5	57
17	Avian Influenza (H5N1) Virus of Clade 2.3.2 in Domestic Poultry in India. PLoS ONE, 2012, 7, e31844.	1.1	56
18	Atherosclerosis: orchestrating cells and biomolecules involved in its activation and inhibition. Advances in Protein Chemistry and Structural Biology, 2020, 120, 85-122.	1.0	53

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19	Medicinal and Beneficial Health Applications of <i>Tinospora cordifolia</i> (Guduchi): A Miraculous Herb Countering Various Diseases/Disorders and its Immunomodulatory Effects. <i>Recent Patents on Endocrine, Metabolic & Immune Drug Discovery</i> , 2017, 10, 96-111.	0.7	51
20	Nutritional applications and beneficial health applications of green tea and theanine in some animal species: A review. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020, 104, 245-256.	1.0	42
21	Advances in Designing and Developing Vaccines, Drugs and Therapeutic Approaches to Counter Human Papilloma Virus. <i>Frontiers in Immunology</i> , 2018, 9, 2478.	2.2	41
22	A Comprehensive Review on Equine Influenza Virus: Etiology, Epidemiology, Pathobiology, Advances in Developing Diagnostics, Vaccines, and Control Strategies. <i>Frontiers in Microbiology</i> , 2018, 9, 1941.	1.5	39
23	Prevention and Control Strategies to Counter Zika Virus, a Special Focus on Intervention Approaches against Vector Mosquitoes—Current Updates. <i>Frontiers in Microbiology</i> , 2018, 9, 87.	1.5	39
24	Beneficial health applications and medicinal values of <i>Pedicularis</i> plants: A review. <i>Biomedicine and Pharmacotherapy</i> , 2017, 95, 1301-1313.	2.5	38
25	Ebola virus “epidemiology, diagnosis, and control: threat to humans, lessons learnt, and preparedness plans” an update on its 40 year’s journey. <i>Veterinary Quarterly</i> , 2017, 37, 98-135.	3.0	33
26	Technological interventions and advances in the diagnosis of intramammary infections in animals with emphasis on bovine population—a review. <i>Veterinary Quarterly</i> , 2019, 39, 76-94.	3.0	31
27	Probiotics in Curing Allergic and Inflammatory Conditions - Research Progress and Futuristic Vision. <i>Recent Patents on Inflammation and Allergy Drug Discovery</i> , 2017, 10, 105-118.	3.9	28
28	Emergence of amantadine-resistant avian influenza H5N1 virus in India. <i>Virus Genes</i> , 2011, 42, 10-15.	0.7	27
29	Isolation and molecular characterization of a H5N1 virus isolated from a Jungle crow (<i>Corvus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.7	26
30	Amantadine resistance among highly pathogenic avian influenza viruses (H5N1) isolated from India. <i>Microbial Pathogenesis</i> , 2016, 91, 35-40.	1.3	26
31	Recent Trends in Nanotechnology-Based Drugs and Formulations for Targeted Therapeutic Delivery. <i>Recent Patents on Inflammation and Allergy Drug Discovery</i> , 2017, 10, 86-93.	3.9	26
32	<i>Mycobacterium lepromatosis</i> genome exhibits unusually high CpG dinucleotide content and selection is key force in shaping codon usage. <i>Infection, Genetics and Evolution</i> , 2020, 84, 104399.	1.0	21
33	Outbreak of avian influenza virus H5N1 in India. <i>Veterinary Record</i> , 2007, 161, 279-279.	0.2	19
34	Phytochemistry, Modes of Action and Beneficial Health Applications of Green Tea (<i>Camellia sinensis</i>) in Humans and Animals. <i>International Journal of Pharmacology</i> , 2017, 13, 698-708.	0.1	18
35	Codon Usage Analysis of Pro-Apoptotic Bim Gene Isoforms. <i>Journal of Alzheimer's Disease</i> , 2022, 86, 1711-1725.	1.2	17
36	H5N1 virus outbreaks in poultry in India. <i>Veterinary Record</i> , 2008, 162, 255-255.	0.2	15

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37	Insight into Codon Utilization Pattern of Tumor Suppressor Gene EPB41L3 from Different Mammalian Species Indicates Dominant Role of Selection Force. <i>Cancers</i> , 2021, 13, 2739.	1.7	15
38	Genes Common in Primary Immunodeficiencies and Cancer Display Overrepresentation of Codon CTG and Dominant Role of Selection Pressure in Shaping Codon Usage. <i>Biomedicines</i> , 2021, 9, 1001.	1.4	15
39	Avian influenza virus (H5N1) in chickens in India. <i>Veterinary Record</i> , 2009, 164, 128-128.	0.2	13
40	In vitro And In vivo Immunomodulating Properties of Mesenchymal Stem Cells. <i>Recent Patents on Inflammation and Allergy Drug Discovery</i> , 2018, 12, 59-68.	3.9	13
41	Evaluation of Silver Nanoparticle Mediated Reduction of Neovascularisation (Angiogenesis) in Chicken Model. <i>Advances in Animal and Veterinary Sciences</i> , 2015, 3, 372-376.	0.1	12
42	Leucine encoding codon TTG shows an inverse relationship with GC content in genes involved in neurodegeneration with iron accumulation. <i>Journal of Integrative Neuroscience</i> , 2021, 20, 905-918.	0.8	12
43	Isolation and characterization of influenza A virus (subtype H5N1) that caused the first highly pathogenic avian influenza outbreak in chicken in Bhutan. <i>Veterinary Microbiology</i> , 2012, 155, 100-105.	0.8	11
44	Evaluation of the ameliorative effects of <i>Phyllanthus niruri</i> on the deleterious insecticide imidacloprid in the vital organs of chicken embryos. <i>Journal of Ayurveda and Integrative Medicine</i> , 2020, 11, 495-501.	0.9	11
45	Cell Penetrating Peptides: Biomedical/Therapeutic Applications with Emphasis as Promising Futuristic Hope for Treating Cancer. <i>International Journal of Pharmacology</i> , 2017, 13, 677-689.	0.1	11
46	Development of single-chain Fv against the nucleoprotein of type A influenza virus and its use in ELISA. <i>Journal of Virological Methods</i> , 2014, 208, 129-137.	1.0	10
47	A MACHINE LEARNING APPROACH FOR SELECTION OF POLYCYSTIC OVARIAN SYNDROME (PCOS) ATTRIBUTES AND COMPARING DIFFERENT CLASSIFIER PERFORMANCE WITH THE HELP OF WEKA AND PYCARET. , 2020, , 59-63.		8
48	Strong Selectional Forces Fine-Tune CpG Content in Genes Involved in Neurological Disorders as Revealed by Codon Usage Patterns. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	8
49	Comparison of a nucleoprotein gene based RT-PCR with real time RT-PCR for diagnosis of avian influenza in clinical specimens. <i>Research in Veterinary Science</i> , 2012, 93, 504-507.	0.9	7
50	A two dose immunization with an inactivated reassortant H5N2 virus protects chickens against lethal challenge with homologous 2.3.2.1 clade and heterologous 2.2 clade highly pathogenic avian influenza H5N1 viruses. <i>Veterinary Microbiology</i> , 2018, 217, 149-157.	0.8	7
51	Neuraminidase inhibitors susceptibility profiles of highly pathogenic influenza A (H5N1) viruses isolated from avian species in India (2006-2015). <i>Antiviral Research</i> , 2018, 158, 143-146.	1.9	7
52	Anti-proliferative role of recombinant lethal toxin of <i>Bacillus anthracis</i> on primary mammary ductal carcinoma cells revealing its therapeutic potential. <i>Oncotarget</i> , 2017, 8, 35835-35847.	0.8	7
53	Codon Usage Bias Correlates With Gene Length in Neurodegeneration Associated Genes. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	7
54	Ovine herpesvirus type 2 infection in captive bison in India. <i>Veterinary Record</i> , 2012, 170, 654-654.	0.2	6

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55	Detection and molecular characterization of naturally transmitted sheep associated malignant catarrhal fever in cattle in India. <i>Tropical Animal Health and Production</i> , 2014, 46, 1037-1043.	0.5	6
56	Reverse genetics based rgH5N2 vaccine provides protection against high dose challenge of H5N1 avian influenza virus in chicken. <i>Microbial Pathogenesis</i> , 2016, 97, 172-177.	1.3	6
57	Evaluation of the Modulatory Effects of Copper Salts on the Process of Angiogenesis (Neovascularization) with Therapeutic Perspectives. <i>Advances in Animal and Veterinary Sciences</i> , 2016, 4, 405-410.	0.1	5
58	Cross-sectional study indicates nearly a quarter of sheep population in Karnataka state of India is infected with ovine herpesvirus 2. <i>VirusDisease</i> , 2015, 26, 180-188.	1.0	4
59	Molecular Signatures of Biomarkers in Cancer Development, Diagnosis, and its Prognostic Accuracy. <i>Current Biomarkers</i> , 2017, 6, .	0.3	4
60	Consequences of Zika Virus Infection During Fetal Stage and Pregnancy Safe Drugs: An Update. <i>International Journal of Pharmacology</i> , 2017, 13, 370-377.	0.1	4
61	Tumor Homing Peptides: Promising Futuristic Hope for Cancer Therapy. , 2016, , 43-86.		3
62	Anthrax Toxin Receptors, Functions and their Possible Use in Therapeutics: A Review. <i>Asian Journal of Animal and Veterinary Advances</i> , 2014, 9, 599-609.	0.3	3
63	Molybdenum Salts Possess Potent Angiogenic Modulatory Properties: Validation on Chorioallantoic Membrane (CAM) of Chicken. <i>Asian Journal of Animal and Veterinary Advances</i> , 2016, 12, 44-49.	0.3	3
64	Genetic and antigenic analysis of H5N1 viruses for selection of HA-donor virus for vaccine strains. <i>Indian Journal of Virology: an Official Organ of Indian Virological Society</i> , 2013, 24, 357-364.	0.7	2
65	Tissue Engineering and Regenerative Medicine Potentialities of Materials - Based Novel Constructs - A Review. <i>Current Regenerative Medicine</i> , 2017, 6, 29-40.	0.0	2
66	Advances in Designing and Developing Vaccines Against Zika Virus. <i>International Journal of Pharmacology</i> , 2017, 13, 667-676.	0.1	2
67	CURRENT SCENARIO OF THE PANDEMIC COVID-19: AN OVERVIEW. <i>Journal of Experimental Biology and Agricultural Sciences</i> , 2020, 8, S158-S175.	0.1	2
68	Ameliorative Effects of Phytomedicines on Alzheimer's™s Patients. <i>Current Alzheimer Research</i> , 2022, 19, 420-439.	0.7	2
69	Does <i>Bougainvillea spectabilis</i> protect Swiss Albino Mice from Aflatoxin-induced Hepatotoxicity?. <i>Advances in Animal and Veterinary Sciences</i> , 2016, 4, 250-257.	0.1	1
70	Cytotoxic T cells and Cancer Therapy. <i>Journal of Experimental Biology and Agricultural Sciences</i> , 2017, 5, 412-427.	0.1	1
71	Bacterial Toxins: A Hope Towards Angiogenic Ailments. <i>Current Drug Metabolism</i> , 2018, 18, 926-941.	0.7	1
72	Anthrax Bacterium: Its Etiology and Possible Therapeutics Against Cancer. , 2018, , 211-228.		0

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73	Anti-angiogenic Effects of Cadmium Chloride on the Process of Neovascularization. Journal of Biological Sciences, 2016, 17, 42-46.	0.1	0