

Karam Pal Singh

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

2,610
citations

394421

19
h-index

243625

44
g-index

47
all docs

47
docs citations

47
times ranked

4349
citing authors

#	ARTICLE	IF	CITATIONS
1	Coronavirus Disease 2019â€“COVID-19. <i>Clinical Microbiology Reviews</i> , 2020, 33, .	13.6	767
2	COVID-19, an emerging coronavirus infection: advances and prospects in designing and developing vaccines, immunotherapeutics, and therapeutics. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 1232-1238.	3.3	444
3	SARS-CoV-2 jumping the species barrier: Zoonotic lessons from SARS, MERS and recent advances to combat this pandemic virus. <i>Travel Medicine and Infectious Disease</i> , 2020, 37, 101830.	3.0	176
4	Biomarkers in Stress Related Diseases/Disorders: Diagnostic, Prognostic, and Therapeutic Values. <i>Frontiers in Molecular Biosciences</i> , 2019, 6, 91.	3.5	161
5	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. <i>Cells</i> , 2019, 8, 674.	4.1	154
6	Rabiesâ€“Epidemiology, pathogenesis, public health concerns and advances in diagnosis and control: a comprehensive review. <i>Veterinary Quarterly</i> , 2017, 37, 212-251.	6.7	145
7	Advances in therapeutic and managerial approaches of bovine mastitis: a comprehensive review. <i>Veterinary Quarterly</i> , 2021, 41, 107-136.	6.7	127
8	SARS-CoV-2/COVID-19 and advances in developing potential therapeutics and vaccines to counter this emerging pandemic. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2020, 19, 40.	3.8	93
9	Full-Genome Sequencing as a Basis for Molecular Epidemiology Studies of Bluetongue Virus in India. <i>PLoS ONE</i> , 2015, 10, e0131257.	2.5	52
10	An updated review on bluetongue virus: epidemiology, pathobiology, and advances in diagnosis and control with special reference to India. <i>Veterinary Quarterly</i> , 2020, 40, 258-321.	6.7	37
11	COVID-19 in the elderly people and advances in vaccination approaches. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 2938-2943.	3.3	37
12	SARS-CoV-2 existence in sewage and wastewater: A global public health concern?. <i>Journal of Environmental Management</i> , 2021, 280, 111825.	7.8	34
13	Apoptosis and immuno-suppression in sheep infected with bluetongue virus serotype-23. <i>Veterinary Microbiology</i> , 2010, 144, 310-318.	1.9	30
14	The Genome Sequence of Bluetongue Virus Type 2 from India: Evidence for Reassortment between Eastern and Western Topotype Field Strains. <i>Journal of Virology</i> , 2012, 86, 5967-5968.	3.4	30
15	Immunomodulatory Potential of <i>Tinospora cordifolia</i> and CpG ODN (TLR21 Agonist) against the Very Virulent, Infectious Bursal Disease Virus in SPF Chicks. <i>Vaccines</i> , 2019, 7, 106.	4.4	28
16	Coronavirus disease 2019 (COVID-19) in domestic animals and wildlife: advances and prospects in the development of animal models for vaccine and therapeutic research. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 3043-3054.	3.3	26
17	A comparison of intradermal and intravenous inoculation of bluetongue virus serotype 23 in sheep for clinico-pathology, and viral and immune responses. <i>Veterinary Immunology and Immunopathology</i> , 2011, 141, 230-238.	1.2	23
18	Exploring the possible use of saponin adjuvants in COVID-19 vaccine. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 2944-2953.	3.3	23

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19	Candesartan ameliorates arsenic-induced hypertensive vascular remodeling by regularizing angiotensin II and TGF-beta signaling in rats. <i>Toxicology</i> , 2016, 374, 29-41.	4.2	22
20	Foot-and-Mouth Disease Virus-Associated Abortion and Vertical Transmission following Acute Infection in Cattle under Natural Conditions. <i>PLoS ONE</i> , 2016, 11, e0167163.	2.5	20
21	Complete Genome Sequence of an Isolate of Bluetongue Virus Serotype 2, Demonstrating Circulation of a Western Topotype in Southern India. <i>Journal of Virology</i> , 2012, 86, 5404-5405.	3.4	18
22	Mesenchymal Stem Cells of Different Origin-Seeded Bioceramic Construct in Regeneration of Bone Defect in Rabbit. <i>Tissue Engineering and Regenerative Medicine</i> , 2018, 15, 477-492.	3.7	18
23	Genome Sequence of a Reassortant Strain of Bluetongue Virus Serotype 23 from Western India. <i>Journal of Virology</i> , 2012, 86, 7011-7012.	3.4	13
24	Genome Sequence of Bluetongue Virus Type 2 from India: Evidence for Reassortment between Outer Capsid Protein Genes. <i>Genome Announcements</i> , 2015, 3, .	0.8	13
25	The measurement of three cytokine transcripts in naïve and sensitized ovine peripheral blood mononuclear cells following in vitro stimulation with bluetongue virus serotype-23. <i>Research in Veterinary Science</i> , 2011, 90, 212-214.	1.9	11
26	Complete Genome Sequence Analysis of a Reference Strain of Bluetongue Virus Serotype 16. <i>Journal of Virology</i> , 2012, 86, 10255-10256.	3.4	11
27	Inhibition of MEK-ERK1/2-MAP kinase signalling pathway reduces rabies virus induced pathologies in mouse model. <i>Microbial Pathogenesis</i> , 2017, 112, 38-49.	2.9	11
28	Development and evaluation of a gold nanoparticle based Lateral Flow assay (LFA) strip test for detection of <i>Brucella</i> spp.. <i>Journal of Microbiological Methods</i> , 2021, 184, 106185.	1.6	10
29	Full Genome Sequence of Bluetongue Virus Serotype 1 from India. <i>Journal of Virology</i> , 2012, 86, 4717-4718.	3.4	9
30	Molecular epidemiology of rabies virus circulating in domestic animals in India. <i>VirusDisease</i> , 2018, 29, 362-368.	2.0	9
31	Sero-epidemiology and molecular detection of Bluetongue virus in Indian ruminants. <i>Veterinaria Italiana</i> , 2016, 52, 305-311.	0.5	8
32	Pathology and polymerase chain reaction detection of ovine progressive pneumonia (maedi) cases in slaughtered sheep in India. <i>Veterinary World</i> , 2017, 10, 1401-1406.	1.7	7
33	Bluetongue virus “23 stimulates inducible nitric oxide synthase expression and nitric oxide production in mononuclear cells of blood and/or regional lymphoid organs. <i>Veterinary Research Communications</i> , 2012, 36, 245-250.	1.6	6
34	Immunofluorescence and molecular diagnosis of bovine respiratory syncytial virus and bovine parainfluenza virus in the naturally infected young cattle and buffaloes from India. <i>Microbial Pathogenesis</i> , 2020, 145, 104165.	2.9	5
35	Pathological and immunological characterization of bluetongue virus serotype 1 infection in type I interferons blocked immunocompetent adult mice. <i>Journal of Advanced Research</i> , 2021, 31, 137-153.	9.5	5
36	Development of BruAb2_0168 based isothermal polymerase spiral reaction assay for specific detection of <i>Brucella abortus</i> in clinical samples. <i>Molecular and Cellular Probes</i> , 2021, 59, 101761.	2.1	5

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37	Molecular epidemiological analysis of wild animal rabies isolates from India. <i>Veterinary World</i> , 2019, 12, 352-357.	1.7	5
38	Molecular epidemiological studies on avian pathogenic <i>Escherichia coli</i> associated with septicemia in chickens in India. <i>Microbial Pathogenesis</i> , 2022, 162, 105313.	2.9	5
39	Comparative study on hemato-biochemical alterations and selected acute phase protein response in native sheep experimentally infected with bluetongue virus serotypes 10 and 24. <i>Comparative Clinical Pathology</i> , 2019, 28, 1153-1163.	0.7	2
40	Hepatoprotectant potential of sodium alginate coated catechin nanoparticles (SACC-NPs) in rat model. <i>Inorganic and Nano-Metal Chemistry</i> , 2020, 50, 1334-1342.	1.6	2
41	Selection of biological prosthesis for abdominal wall repair on the basis of in vitro biocompatibility determination. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 955-963.	2.7	2
42	First description of natural concomitant infection of avian nephritis virus and infectious bronchitis virus reveals exacerbated inflammatory response and renal damage in broiler chicks. <i>Microbial Pathogenesis</i> , 2021, 154, 104830.	2.9	2
43	Genetic and phylogenetic characterization of polycistronic dsRNA segment-10 of bluetongue virus isolates from India between 1985 and 2011. <i>Virus Genes</i> , 2021, 57, 369-379.	1.6	2
44	Single-tube duplex-PCR for specific detection and differentiation of <i>Brucella abortus</i> S19 vaccine strain from other <i>Brucella</i> spp. <i>Indian Journal of Animal Research</i> , 2018, , .	0.1	2
45	Development of Freeze-dried Reagents based Multiplex PCR Assay for the Detection of Common and Emerging Abortion-causing Pathogens. <i>Journal of Pure and Applied Microbiology</i> , 2021, 15, 1371-1378.	0.9	0
46	Pathobiology of different chicken organs in septicemic deaths. <i>Indian Journal of Veterinary Pathology</i> , 2020, 44, 91-100.	0.0	0
47	Evaluation of oxidant and antioxidant profile in amniotic fluid of pregnant sheep experimentally infected with bluetongue virus serotype-1. <i>Indian Journal of Small Ruminants</i> , 2022, 28, 106-112.	0.1	0