Karam Pal Singh

List of Publications by Year
in descending order

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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	Molecular epidemiological studies on avian pathogenic Escherichia coli associated with septicemia in chickens in India. Microbial Pathogenesis, 2022, 162, 105313.	2.9	5
2	Evaluation of oxidant and antioxidant profile in amniotic fluid of pregnant sheep experimentally infected with bluetongue virus serotype-1. Indian Journal of Small Ruminants, 2022, 28, 106-112.	0.1	0
3	Advances in therapeutic and managemental approaches of bovine mastitis: a comprehensive review. Veterinary Quarterly, 2021, 41, 107-136.	6.7	127
4	SARS-CoV-2 existence in sewage and wastewater: A global public health concern?. Journal of Environmental Management, 2021, 280, 111825.	7.8	34
5	Development and evaluation of a gold nanoparticle based Lateral Flow assay (LFA) strip test for detection of Brucella spp.. Journal of Microbiological Methods, 2021, 184, 106185.	1.6	10
6	First description of natural concomitant infection of avian nephritis virus and infectious bronchitis virus reveals exacerbated inflammatory response and renal damage in broiler chicks. Microbial Pathogenesis, 2021, 154, 104830.	2.9	2
7	Genetic and phylogenetic characterization of polycistronic dsRNA segment-10 of bluetongue virus isolates from India between 1985 and 2011. Virus Genes, 2021, 57, 369-379.	1.6	2
8	Pathological and immunological characterization of bluetongue virus serotype 1 infection in type I interferons blocked immunocompetent adult mice. Journal of Advanced Research, 2021, 31, 137-153.	9.5	5
9	Development of Freeze-dried Reagents based Multiplex PCR Assay for the Detection of Common and Emerging Abortion-causing Pathogens. Journal of Pure and Applied Microbiology, 2021, 15, 1371-1378.	0.9	0
10	Development of BruAb2_0168 based isothermal polymerase spiral reaction assay for specific detection of Brucella abortus in clinical samples. Molecular and Cellular Probes, 2021, 59, 101761.	2.1	5
11	An updated review on bluetongue virus: epidemiology, pathobiology, and advances in diagnosis and control with special reference to India. Veterinary Quarterly, 2020, 40, 258-321.	6.7	37
12	Hepatoprotectant potential of sodium alginate coated catechin nanoparticles (SACC-NPs) in rat model. Inorganic and Nano-Metal Chemistry, 2020, 50, 1334-1342.	1.6	2
13	COVID-19 in the elderly people and advances in vaccination approaches. Human Vaccines and Immunotherapeutics, 2020, 16, 2938-2943.	3.3	37
14	SARS-CoV-2 jumping the species barrier: Zoonotic lessons from SARS, MERS and recent advances to combat this pandemic virus. Travel Medicine and Infectious Disease, 2020, 37, 101830.	3.0	176
15	SARS-CoV-2/COVID-19 and advances in developing potential therapeutics and vaccines to counter this emerging pandemic. Annals of Clinical Microbiology and Antimicrobials, 2020, 19, 40.	3.8	93
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. Human Vaccines and Immunotherapeutics, 2020, 16, 3043-3054.	3.3	26
17	Exploring the possible use of saponin adjuvants in COVID-19 vaccine. Human Vaccines and Immunotherapeutics, 2020, 16, 2944-2953.	3.3	23
18	Selection of biological prosthesis for abdominal wall repair on the basis of in vitro biocompatibility determination. Journal of Tissue Engineering and Regenerative Medicine, 2020, 14, 955-963.	2.7	2

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19	COVID-19, an emerging coronavirus infection: advances and prospects in designing and developing vaccines, immunotherapeutics, and therapeutics. Human Vaccines and Immunotherapeutics, 2020, 16, 1232-1238.	3.3	444
20	Immunofluorescence and molecular diagnosis of bovine respiratory syncytial virus and bovine parainfluenza virus in the naturally infected young cattle and buffaloes from India. Microbial Pathogenesis, 2020, 145, 104165.	2.9	5
21	Coronavirus Disease 2019â€“COVID-19. Clinical Microbiology Reviews, 2020, 33, .	13.6	767
22	Pathobiology of different chicken organs in septicemic deaths. Indian Journal of Veterinary Pathology, 2020, 44, 91-100.	0.0	0
23	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.	4.1	154
24	Biomarkers in Stress Related Diseases/Disorders: Diagnostic, Prognostic, and Therapeutic Values. Frontiers in Molecular Biosciences, 2019, 6, 91.	3.5	161
25	Immunomodulatory Potential of Tinospora cordifolia and CpG ODN (TLR21 Agonist) against the Very Virulent, Infectious Bursal Disease Virus in SPF Chicks. Vaccines, 2019, 7, 106.	4.4	28
26	Comparative study on hemato-biochemical alterations and selected acute phase protein response in native sheep experimentally infected with bluetongue virus serotypes 10 and 24. Comparative Clinical Pathology, 2019, 28, 1153-1163.	0.7	2
27	Molecular epidemiological analysis of wild animal rabies isolates from India. Veterinary World, 2019, 12, 352-357.	1.7	5
28	Molecular epidemiology of rabies virus circulating in domestic animals in India. VirusDisease, 2018, 29, 362-368.	2.0	9
29	Mesenchymal Stem Cells of Different Origin-Seeded Bioceramic Construct in Regeneration of Bone Defect in Rabbit. Tissue Engineering and Regenerative Medicine, 2018, 15, 477-492.	3.7	18
30	Single-tube duplex-PCR for specific detection and differentiation of Brucella abortus S19 vaccine strain from other Brucella spp. Indian Journal of Animal Research, 2018, , .	0.1	2
31	Inhibition of MEK-ERK1/2-MAP kinase signalling pathway reduces rabies virus induced pathologies in mouse model. Microbial Pathogenesis, 2017, 112, 38-49.	2.9	11
32	RabiesÂâ€“Âepidemiology, pathogenesis, public health concerns and advances in diagnosis and control: a comprehensive review. Veterinary Quarterly, 2017, 37, 212-251.	6.7	145
33	Pathology and polymerase chain reaction detection of ovine progressive pneumonia (maedi) cases in slaughtered sheep in India. Veterinary World, 2017, 10, 1401-1406.	1.7	7
34	Candesartan ameliorates arsenic-induced hypertensive vascular remodeling by regularizing angiotensin II and TGF-beta signaling in rats. Toxicology, 2016, 374, 29-41.	4.2	22
35	Sero-epidemiology and molecular detection of Bluetongue virus in Indian ruminants. Veterinaria Italiana, 2016, 52, 305-311.	0.5	8
36	Foot-and-Mouth Disease Virus-Associated Abortion and Vertical Transmission following Acute Infection in Cattle under Natural Conditions. PLoS ONE, 2016, 11, e0167163.	2.5	20

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37	Full-Genome Sequencing as a Basis for Molecular Epidemiology Studies of Bluetongue Virus in India. PLoS ONE, 2015, 10, e0131257.	2.5	52
38	Genome Sequence of Bluetongue Virus Type 2 from India: Evidence for Reassortment between Outer Capsid Protein Genes. Genome Announcements, 2015, 3, .	0.8	13
39	Genome Sequence of a Reassortant Strain of Bluetongue Virus Serotype 23 from Western India. Journal of Virology, 2012, 86, 7011-7012.	3.4	13
40	Full Genome Sequence of Bluetongue Virus Serotype 1 from India. Journal of Virology, 2012, 86, 4717-4718.	3.4	9
41	Complete Genome Sequence Analysis of a Reference Strain of Bluetongue Virus Serotype 16. Journal of Virology, 2012, 86, 10255-10256.	3.4	11
42	Complete Genome Sequence of an Isolate of Bluetongue Virus Serotype 2, Demonstrating Circulation of a Western Topotype in Southern India. Journal of Virology, 2012, 86, 5404-5405.	3.4	18
43	The Genome Sequence of Bluetongue Virus Type 2 from India: Evidence for Reassortment between Eastern and Western Topotype Field Strains. Journal of Virology, 2012, 86, 5967-5968.	3.4	30
44	Bluetongue virus â€“ 23 stimulates inducible nitric oxide synthase expression and nitric oxide production in mononuclear cells of blood and/or regional lymphoid organs. Veterinary Research Communications, 2012, 36, 245-250.	1.6	6
45	A comparison of intradermal and intravenous inoculation of bluetongue virus serotype 23 in sheep for clinico-pathology, and viral and immune responses. Veterinary Immunology and Immunopathology, 2011, 141, 230-238.	1.2	23
46	The measurement of three cytokine transcripts in naÃ¯ve and sensitized ovine peripheral blood mononuclear cells following in vitro stimulation with bluetongue virus serotype-23. Research in Veterinary Science, 2011, 90, 212-214.	1.9	11
47	Apoptosis and immuno-suppression in sheep infected with bluetongue virus serotype-23. Veterinary Microbiology, 2010, 144, 310-318.	1.9	30