

Radhey S Kaushik

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

820
citations

516710

16
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501196

28
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36
all docs

36
docs citations

36
times ranked

1271
citing authors

#	ARTICLE	IF	CITATIONS
1	Heat-Labile Enterotoxin Promotes <i>Escherichia coli</i> Adherence to Intestinal Epithelial Cells. <i>Journal of Bacteriology</i> , 2009, 191, 178-186.	2.2	79
2	Porcine intestinal epithelial cell lines as a new in vitro model for studying adherence and pathogenesis of enterotoxigenic <i>Escherichia coli</i> . <i>Veterinary Microbiology</i> , 2008, 130, 191-197.	1.9	78
3	Replication and Transmission of the Novel Bovine Influenza D Virus in a Guinea Pig Model. <i>Journal of Virology</i> , 2015, 89, 11990-12001.	3.4	63
4	Food Protein Based Core-Shell Nanocarriers for Oral Drug Delivery: Effect of Shell Composition on in Vitro and in Vivo Functional Performance of Zein Nanocarriers. <i>Molecular Pharmaceutics</i> , 2017, 14, 757-769.	4.6	51
5	Comparative analysis of innate immune responses following infection of newborn calves with bovine rotavirus and bovine coronavirus. <i>Journal of General Virology</i> , 2007, 88, 2749-2761.	2.9	48
6	Chemopreventive effects of honokiol on UVB-induced skin cancer development. <i>Anticancer Research</i> , 2010, 30, 777-83.	1.1	48
7	Disruption of transepithelial resistance by enterotoxigenic <i>Escherichia coli</i> . <i>Veterinary Microbiology</i> , 2010, 141, 115-119.	1.9	38
8	Mucosal Immune System of Cattle. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2019, 35, 431-451.	1.2	38
9	Poly I:C adjuvanted inactivated swine influenza vaccine induces heterologous protective immunity in pigs. <i>Vaccine</i> , 2015, 33, 542-548.	3.8	33
10	Establishment of fetal bovine intestinal epithelial cell cultures susceptible to bovine rotavirus infection. <i>Journal of Virological Methods</i> , 2008, 148, 182-196.	2.1	32
11	Antineoplastic Effects of \pm -Santalol on Estrogen Receptor-Positive and Estrogen Receptor-Negative Breast Cancer Cells through Cell Cycle Arrest at G2/M Phase and Induction of Apoptosis. <i>PLoS ONE</i> , 2013, 8, e56982.	2.5	32
12	Honokiol, a chemopreventive agent against skin cancer, induces cell cycle arrest and apoptosis in human epidermoid A431 cells. <i>Experimental Biology and Medicine</i> , 2011, 236, 1351-1359.	2.4	30
13	Enterotoxigenic <i>Escherichia coli</i> Modulates Host Intestinal Cell Membrane Asymmetry and Metabolic Activity. <i>Infection and Immunity</i> , 2009, 77, 341-347.	2.2	26
14	Toll-like Receptor-4 (TLR4) Agonist-Based Intranasal Nanovaccine Delivery System for Inducing Systemic and Mucosal Immunity. <i>Molecular Pharmaceutics</i> , 2021, 18, 2233-2241.	4.6	21
15	Influenza A in Bovine Species: A Narrative Literature Review. <i>Viruses</i> , 2019, 11, 561.	3.3	19
16	Development and characterization of swine primary respiratory epithelial cells and their susceptibility to infection by four influenza virus types. <i>Virology</i> , 2019, 528, 152-163.	2.4	19
17	Characterization of a porcine intestinal epithelial cell line for influenza virus production. <i>Journal of General Virology</i> , 2012, 93, 2008-2016.	2.9	18
18	Antineoplastic Effects of Honokiol on Melanoma. <i>BioMed Research International</i> , 2017, 2017, 1-10.	1.9	17

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19	Development and biochemical and immunological characterization of early passage and immortalized bovine intestinal epithelial cell lines from the ileum of a young calf. <i>Cytotechnology</i> , 2019, 71, 127-148.	1.6	15
20	Engineered Recombinant <i>Escherichia coli</i> Probiotic Strains Integrated with F4 and F18 Fimbriae Cluster Genes in the Chromosome and Their Assessment of Immunogenic Efficacy <i>in Vivo</i> . <i>ACS Synthetic Biology</i> , 2020, 9, 412-426.	3.8	15
21	Both enzymatic and non-enzymatic properties of heat-labile enterotoxin are responsible for LT-enhanced adherence of enterotoxigenic <i>Escherichia coli</i> to porcine IPEC-J2 cells. <i>Veterinary Microbiology</i> , 2013, 164, 330-335.	1.9	14
22	Comparison of Porcine Airway and Intestinal Epithelial Cell Lines for the Susceptibility and Expression of Pattern Recognition Receptors upon Influenza Virus Infection. <i>Viruses</i> , 2018, 10, 312.	3.3	14
23	Phylogenetic Analysis and Characterization of a Sporadic Isolate of Equine Influenza A H3N8 from an Unvaccinated Horse in 2015. <i>Viruses</i> , 2018, 10, 31.	3.3	13
24	Detailed mapping of the linear B Cell epitopes of the hemagglutinin (HA) protein of swine influenza virus. <i>Virology</i> , 2018, 522, 131-137.	2.4	9
25	Characterization of bovine ileal epithelial cell line for lectin binding, susceptibility to enteric pathogens, and TLR mediated immune responses. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2021, 74, 101581.	1.6	8
26	Piglet immunization with a spike subunit vaccine enhances disease by porcine epidemic diarrhea virus. <i>Npj Vaccines</i> , 2021, 6, 22.	6.0	7
27	Evaluation of inhibition of F4ac positive <i>Escherichia coli</i> attachment with xanthine dehydrogenase, butyrophilin, lactadherin and fatty acid binding protein. <i>BMC Veterinary Research</i> , 2015, 11, 238.	1.9	6
28	Genetic and antigenic characteristics of a human influenza C virus clinical isolate. <i>Journal of Medical Virology</i> , 2020, 92, 161-166.	5.0	6
29	Development and characterization of a stable bovine intestinal sub-epithelial myofibroblast cell line from ileum of a young calf. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2019, 55, 533-547.	1.5	5
30	Bovine rhinitis B virus is highly prevalent in acute bovine respiratory disease and causes upper respiratory tract infection in calves. <i>Journal of General Virology</i> , 2022, 103, .	2.9	5
31	Isolation and development of bovine primary respiratory cells as model to study influenza D virus infection. <i>Virology</i> , 2021, 559, 89-99.	2.4	4
32	Linear polysaccharides reduce production of inflammatory cytokines by LPS-stimulated bovine fibroblasts. <i>Veterinary Immunology and Immunopathology</i> , 2021, 234, 110220.	1.2	3
33	Population structure of <i>Salmonella enterica</i> serotype Mbandaka reveals similar virulence potential irrespective of source and phylogenomic stratification. <i>F1000Research</i> , 2020, 9, 1142.	1.6	3
34	Pre-exposure with influenza A virus A/WSN/1933(H1N1) resulted in viral shedding reduction from pigs challenged with either swine H1N1 or H3N2 virus. <i>Veterinary Microbiology</i> , 2019, 228, 26-31.	1.9	2
35	<i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> : an Unconventional Pathogen?. , , 311-321.		1
36	Functional study of a role of N-terminal HA stem region of swine influenza A virus in virus replication. <i>Veterinary Microbiology</i> , 2021, 258, 109132.	1.9	0