

Santosh Dhakal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4547539/publications.pdf>

Version: 2024-02-01

72
papers

2,099
citations

279798

23
h-index

276875

41
g-index

80
all docs

80
docs citations

80
times ranked

3357
citing authors

#	ARTICLE	IF	CITATIONS
1	Female-biased effects of aging on a chimeric hemagglutinin stalk-based universal influenza virus vaccine in mice. <i>Vaccine</i> , 2022, 40, 1624-1633.	3.8	10
2	Sex-specific effects of age and body mass index on antibody responses to seasonal influenza vaccines in healthcare workers. <i>Vaccine</i> , 2022, 40, 1634-1642.	3.8	23
3	124I-Iodo-DPA-713 Positron Emission Tomography in a Hamster Model of SARS-CoV-2 Infection. <i>Molecular Imaging and Biology</i> , 2022, 24, 135-143.	2.6	16
4	Progression and Resolution of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Infection in Golden Syrian Hamsters. <i>American Journal of Pathology</i> , 2022, 192, 195-207.	3.8	22
5	A bacterial extracellular vesicle-based intranasal vaccine against SARS-CoV-2 protects against disease and elicits neutralizing antibodies to wild-type and Delta variants. <i>Journal of Extracellular Vesicles</i> , 2022, 11, e12192.	12.2	60
6	Sex biases in infectious diseases research. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	6
7	Gut Microbiota of Obese Children Influences Inflammatory Mucosal Immune Pathways in the Respiratory Tract to Influenza Virus Infection: Optimization of an Ideal Duration of Microbial Colonization in a Gnotobiotic Pig Model. <i>Microbiology Spectrum</i> , 2022, 10, e0267421.	3.0	3
8	The Serological Sciences Network (SeroNet) for COVID-19: Depth and Breadth of Serology Assays and Plans for Assay Harmonization. <i>MSphere</i> , 2022, 7, .	2.9	16
9	Risk Factors Associated with Avian Influenza Subtype H9 Outbreaks in Poultry Farms of Central Lowland Nepal. <i>Infectious Disease Reports</i> , 2022, 14, 525-536.	3.1	2
10	Sex- and Gender-Based Pharmacological Response to Drugs. <i>Pharmacological Reviews</i> , 2021, 73, 730-762.	16.0	80
11	Immunity and Protective Efficacy of Mannose Conjugated Chitosan-Based Influenza Nanovaccine in Maternal Antibody Positive Pigs. <i>Frontiers in Immunology</i> , 2021, 12, 584299.	4.8	22
12	Effect of an Adenovirus-Vectored Universal Influenza Virus Vaccine on Pulmonary Pathophysiology in a Mouse Model. <i>Journal of Virology</i> , 2021, 95, .	3.4	7
13	Durable SARS-CoV-2 B cell immunity after mild or severe disease. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	76
14	Epidemiology of African Swine Fever and Its Risk in Nepal. <i>Microbiology Research</i> , 2021, 12, 580-590.	1.9	3
15	Combating the COVID-19 Pandemic: Experiences of the First Wave From Nepal. <i>Frontiers in Public Health</i> , 2021, 9, 613402.	2.7	14
16	Sex Differences in Lung Imaging and SARS-CoV-2 Antibody Responses in a COVID-19 Golden Syrian Hamster Model. <i>MBio</i> , 2021, 12, e0097421.	4.1	69
17	Hamsters as a Model of Severe Acute Respiratory Syndrome Coronavirus-2. <i>Comparative Medicine</i> , 2021, 71, 398-410.	1.0	13
18	Review of Poultry Production and Poultry Vaccine Manufacture in Nepal. <i>Global Journal of Agricultural and Allied Sciences</i> , 2021, 3, 1-7.	1.2	5

#	ARTICLE	IF	CITATIONS
19	Protective Efficacy of an Orf Virus-Vector Encoding the Hemagglutinin and the Nucleoprotein of Influenza A Virus in Swine. <i>Frontiers in Immunology</i> , 2021, 12, 747574.	4.8	8
20	Editorial: The Use of Nanoparticles in the Diagnosis and Therapy of Infectious Disease in Animals. <i>Frontiers in Veterinary Science</i> , 2021, 8, 829540.	2.2	3
21	Perceptions towards COVID-19 Vaccines and Willingness to Vaccinate in Nepal. <i>Vaccines</i> , 2021, 9, 1448.	4.4	11
22	Review of rabies in Nepal. <i>One Health</i> , 2020, 10, 100155.	3.4	23
23	Early Epidemiological Features of COVID-19 in Nepal and Public Health Response. <i>Frontiers in Medicine</i> , 2020, 7, 524.	2.6	26
24	Transmission of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) to animals: an updated review. <i>Journal of Translational Medicine</i> , 2020, 18, 358.	4.4	97
25	Animal coronaviruses and coronavirus disease 2019: Lesson for One Health approach. <i>Open Veterinary Journal</i> , 2020, 10, 239-251.	0.7	15
26	Chitosan-adjuvanted Salmonella subunit nanoparticle vaccine for poultry delivered through drinking water and feed. <i>Carbohydrate Polymers</i> , 2020, 243, 116434.	10.2	38
27	Biological sex impacts COVID-19 outcomes. <i>PLoS Pathogens</i> , 2020, 16, e1008570.	4.7	218
28	Livestock and Poultry Production in Nepal and Current Status of Vaccine Development. <i>Vaccines</i> , 2020, 8, 322.	4.4	20
29	Androgen receptor signaling in the lungs mitigates inflammation and improves the outcome of influenza in mice. <i>PLoS Pathogens</i> , 2020, 16, e1008506.	4.7	28
30	Poly(I:C) augments inactivated influenza virus-chitosan nanovaccine induced cell mediated immune response in pigs vaccinated intranasally. <i>Veterinary Microbiology</i> , 2020, 242, 108611.	1.9	24
31	<p>Oral Deliverable Mucoadhesive ChitosanSalmonella Subunit Nanovaccine for Layer Chickens</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 761-777.	6.7	54
32	Short Communication: Bovine parainfluenza-3 antibodies in veal calves supplemented with cinnamaldehyde or lactoferrin. <i>Applied Animal Science</i> , 2020, 36, 118-123.	1.2	0
33	Intranasal Delivery of Inactivated Influenza Virus and Poly(I:C) Adsorbed Corn-Based Nanoparticle Vaccine Elicited Robust Antigen-Specific Cell-Mediated Immune Responses in Maternal Antibody Positive Nursery Pigs. <i>Frontiers in Immunology</i> , 2020, 11, 596964.	4.8	11
34	A Nanoparticle-Poly(I:C) Combination Adjuvant Enhances the Breadth of the Immune Response to Inactivated Influenza Virus Vaccine in Pigs. <i>Vaccines</i> , 2020, 8, 229.	4.4	27
35	Coronaviruses in animals and humans, COVID-19 pandemic and one health approach. <i>Applied Science and Technology Annals</i> , 2020, 1, 187-193.	0.7	1
36	Host Factors Impact Vaccine Efficacy: Implications for Seasonal and Universal Influenza Vaccine Programs. <i>Journal of Virology</i> , 2019, 93, .	3.4	86

#	ARTICLE	IF	CITATIONS
37	Age-associated changes in the impact of sex steroids on influenza vaccine responses in males and females. <i>Npj Vaccines</i> , 2019, 4, 29.	6.0	124
38	Amish (Rural) vs. non-Amish (Urban) Infant Fecal Microbiotas Are Highly Diverse and Their Transplantation Lead to Differences in Mucosal Immune Maturation in a Humanized Germfree Piglet Model. <i>Frontiers in Immunology</i> , 2019, 10, 1509.	4.8	31
39	Protective immunity against influenza virus challenge by norovirus P particle-M2e and HA2-AtCYN vaccines in chickens. <i>Vaccine</i> , 2019, 37, 6454-6462.	3.8	9
40	Evaluation of CpG-ODN-adjuvanted polyanhydride-based intranasal influenza nanovaccine in pigs. <i>Veterinary Microbiology</i> , 2019, 237, 108401.	1.9	15
41	Nanoparticle-based vaccine development and evaluation against viral infections in pigs. <i>Veterinary Research</i> , 2019, 50, 90.	3.0	50
42	Corn-derived alpha-D-glucan nanoparticles as adjuvant for intramuscular and intranasal immunization in pigs. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 16, 226-235.	3.3	22
43	Intranasal delivery of influenza antigen by nanoparticles, but not NKT-cell adjuvant differentially induces the expression of B-cell activation factors in mice and swine. <i>Cellular Immunology</i> , 2018, 329, 27-30.	3.0	12
44	Surface engineered polyanhydride-based oral &em>Salmonella &/em>subunit nanovaccine for poultry. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 8195-8215.	6.7	26
45	Liposomal nanoparticle-based conserved peptide influenza vaccine and monosodium urate crystal adjuvant elicit protective immune response in pigs. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 6699-6715.	6.7	45
46	Mucosal Immunity and Protective Efficacy of Intranasal Inactivated Influenza Vaccine Is Improved by Chitosan Nanoparticle Delivery in Pigs. <i>Frontiers in Immunology</i> , 2018, 9, 934.	4.8	116
47	Polyanhydride nanovaccine against swine influenza virus in pigs. <i>Vaccine</i> , 2017, 35, 1124-1131.	3.8	41
48	Biodegradable nanoparticle delivery of inactivated swine influenza virus vaccine provides heterologous cell-mediated immune response in pigs. <i>Journal of Controlled Release</i> , 2017, 247, 194-205.	9.9	102
49	Supplementation of inactivated influenza vaccine with norovirus P particle-M2e chimeric vaccine enhances protection against heterologous virus challenge in chickens. <i>PLoS ONE</i> , 2017, 12, e0171174.	2.5	15
50	Comparative Advantage of Keyhole Right Flank Laparotomy and Ventral Midline Celiotomy for Ovariohysterectomy in Bitches. <i>International Journal of Applied Sciences and Biotechnology</i> , 2016, 4, 198-202.	0.8	4
51	Major Health Problems and Diseases of Street Dogs in Pokhara Valley, Nepal. <i>International Journal of Applied Sciences and Biotechnology</i> , 2016, 4, 53-56.	0.8	4
52	Inactivated porcine reproductive and respiratory syndrome virus vaccine adjuvanted with Montanide [®] , Φ Gel 01 ST elicits virus-specific cross-protective inter-genotypic response in piglets. <i>Veterinary Microbiology</i> , 2016, 192, 81-89.	1.9	16
53	Comparative analysis of routes of immunization of a live porcine reproductive and respiratory syndrome virus (PRRSV) vaccine in a heterologous virus challenge study. <i>Veterinary Research</i> , 2016, 47, 45.	3.0	11
54	Mutations in a Highly Conserved Motif of nsp1 ² Protein Attenuate the Innate Immune Suppression Function of Porcine Reproductive and Respiratory Syndrome Virus. <i>Journal of Virology</i> , 2016, 90, 3584-3599.	3.4	34

#	ARTICLE	IF	CITATIONS
55	Development of a porcine reproductive and respiratory syndrome virus-like-particle-based vaccine and evaluation of its immunogenicity in pigs. <i>Archives of Virology</i> , 2016, 161, 1579-1589.	2.1	18
56	Adjuvant effects of invariant NKT cell ligand potentiates the innate and adaptive immunity to an inactivated H1N1 swine influenza virus vaccine in pigs. <i>Veterinary Microbiology</i> , 2016, 186, 157-163.	1.9	24
57	Entrapment of H1N1 Influenza Virus Derived Conserved Peptides in PLGA Nanoparticles Enhances T Cell Response and Vaccine Efficacy in Pigs. <i>PLoS ONE</i> , 2016, 11, e0151922.	2.5	71
58	Prevalence of Demodectic Mange in Canines of Kathmandu Valley having Skin Disorder and Its Associated Risk Factors. <i>International Journal of Applied Sciences and Biotechnology</i> , 2015, 3, 459-463.	0.8	2
59	Sero-Prevalence of Porcine Reproductive and Respiratory Syndrome (PRRS) in Pigs of Different Developmental Regions of Nepal. <i>International Journal of Applied Sciences and Biotechnology</i> , 2015, 3, 218-222.	0.8	5
60	Seroprevalence of <i>Trichinella</i> Spp. in Pigs and Knowledge, Attitude and Practices of Pig Farmers of Eastern and Midwestern Regions of Nepal. <i>International Journal of Applied Sciences and Biotechnology</i> , 2015, 3, 402-407.	0.8	0
61	Survey on Street Dog Population in Pokhara Valley of Nepal. <i>Bangladesh Journal of Veterinary Medicine</i> , 2015, 13, 65-70.	0.4	10
62	Evaluation of humoral immune status in porcine epidemic diarrhea virus (PEDV) infected sows under field conditions. <i>Veterinary Research</i> , 2015, 46, 140.	3.0	24
63	Japanese encephalitis: Challenges and intervention opportunities in Nepal. <i>Veterinary World</i> , 2015, 8, 61-65.	1.7	10
64	Prevalence, antibiogram and risk factors of thermophilic campylobacter spp. in dressed porcine carcass of Chitwan, Nepal. <i>BMC Microbiology</i> , 2014, 14, 85.	3.3	13
65	Regional Variation in Pig Farmer Awareness and Actions Regarding Japanese Encephalitis in Nepal: Implications for Public Health Education. <i>PLoS ONE</i> , 2014, 9, e85399.	2.5	14
66	Pig Sero-Survey and Farm Level Risk Factor Assessment for Japanese Encephalitis in Nepal. <i>International Journal of Applied Sciences and Biotechnology</i> , 2014, 2, 311-314.	0.8	9
67	Seroprevalence of brucellosis in different animal species of Kailali district, Nepal. <i>International Journal of Infection and Microbiology</i> , 2013, 2, 22-25.	0.3	17
68	Prevalence of gastrointestinal zoonotic helminths in dogs of Kathmandu, Nepal. <i>International Journal of Infection and Microbiology</i> , 2013, 2, 91-94.	0.3	11
69	Assessment of pork handlers' knowledge and hygienic status of pig meat shops of Chitwan district focusing campylobacteriosis risk factors. <i>International Journal of Infection and Microbiology</i> , 2013, 2, 17-21.	0.3	5
70	Status of tuberculosis in bovine animals raised by tuberculosis infected patients in Western Chitwan, Nepal. <i>International Journal of Infection and Microbiology</i> , 2013, 1, 49-53.	0.3	10
71	Dengue Virus Detection by Serological and Molecular Method in Different Hospitals of Nepal. <i>Medical Journal of Shree Birendra Hospital</i> , 2013, 11, 24-28.	0.0	0
72	Knowledge and Practices of Pig Farmers Regarding Japanese Encephalitis in Kathmandu, Nepal. <i>Zoonoses and Public Health</i> , 2012, 59, 568-574.	2.2	16