

Amal Senevirathne

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

495
citations

1040056

9
h-index

713466

21
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34
all docs

34
docs citations

34
times ranked

603
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunization of chickens with <i>Salmonella gallinarum</i> ghosts expressing <i>Salmonella</i> Enteritidis NFliC-FimAC and CD40LC fusion antigen enhances cell-mediated immune responses and protects against wild-type challenges with both species. <i>Developmental and Comparative Immunology</i> , 2022, 126, 104265.	2.3	3
2	Bacteria-enabled oral delivery of a replicon-based mRNA vaccine candidate protects against ancestral and delta variant SARS-CoV-2. <i>Molecular Therapy</i> , 2022, 30, 1926-1940.	8.2	16
3	Complete genome sequence analysis and phylogenetic classification of the novel <i>Aeromonas</i> phage AHP-1, a potential member of the genus Tequatrovirus. <i>Archives of Virology</i> , 2022, 167, 1225-1230.	2.1	3
4	Coordinated interaction between Lon protease and catalase-peroxidase regulates virulence and oxidative stress management during Salmonellosis. <i>Gut Microbes</i> , 2022, 14, 2064705.	9.8	4
5	Assessing an O-antigen deficient, live attenuated <i>Salmonella Gallinarum</i> strain that is DIVA compatible, environmentally safe, and protects chickens against fowl typhoid. <i>Developmental and Comparative Immunology</i> , 2022, 133, 104433.	2.3	3
6	Comparative study of sodium bicarbonate- and magnesium hydroxide-based gastric antacids for the effectiveness of <i>Salmonella</i> delivered <i>Brucella</i> antigens against wild type challenge in BALB/c mice. <i>Pathogens and Disease</i> , 2021, 79, .	2.0	1
7	Copper-impregnated three-layer mask efficiently inactivates SARS-CoV2. <i>Environmental Research</i> , 2021, 196, 110947.	7.5	56
8	The C-terminus of <i>Brucella abortus</i> MviN induces humoral and cell mediated immune responses in BALB/c mice that protects against the virulent <i>Brucella</i> 544 challenge. <i>Journal of Immunological Methods</i> , 2021, 493, 113005.	1.4	0
9	Immunization of chicken with flagellin adjuvanted <i>Salmonella enteritidis</i> bacterial ghosts confers complete protection against chicken salmonellosis. <i>Poultry Science</i> , 2021, 100, 101205.	3.4	12
10	Genetic interference exerted by <i>Salmonella</i> -delivered CRISPR/Cas9 significantly reduces the pathological burden caused by Marek's disease virus in chickens. <i>Veterinary Research</i> , 2021, 52, 125.	3.0	1
11	Single oral immunization of an attenuated <i>Salmonella Gallinarum</i> formulation consisting of equal quantities of strains secreting H9N2 hemagglutinin-HA1, HA2, and M2eCD154 induces significant protection against H9N2 and partial protection against <i>Salmonella Gallinarum</i> challenge in chickens. <i>Veterinary Immunology and Immunopathology</i> , 2021, 240, 110318.	1.2	0
12	<i>Salmonella</i> delivered <i>Lawsonia intracellularis</i> novel epitope-fusion vaccines enhance immunogenicity and confers protection against <i>Lawsonia intracellularis</i> in mice. <i>Veterinary Microbiology</i> , 2021, 263, 109264.	1.9	2
13	Eukaryotic expression system complemented with expressivity of Semliki Forest Virus's RdRp and invasiveness of engineered <i>Salmonella</i> demonstrate promising potential for bacteria mediated gene therapy. <i>Biomaterials</i> , 2021, 279, 121226.	11.4	8
14	A Novel <i>Pseudoalteromonas xiamenensis</i> Marine Isolate as a Potential Probiotic: Anti-Inflammatory and Innate Immune Modulatory Effects against Thermal and Pathogenic Stresses. <i>Marine Drugs</i> , 2021, 19, 707.	4.6	7
15	Enhancement of host infectivity, immunity, and protective efficacy by addition of sodium bicarbonate antacid to oral vaccine formulation of live attenuated <i>Salmonella</i> secreting <i>Brucella</i> antigens. <i>Microbial Pathogenesis</i> , 2020, 138, 103857.	2.9	6
16	Oral immunization with an attenuated <i>Salmonella Gallinarum</i> encoding the H9N2 haemagglutinin and M2 ectodomain induces protective immune responses against H9N2 infection in chickens. <i>Avian Pathology</i> , 2020, 49, 486-495.	2.0	4
17	<i>Salmonella</i> Enteritidis ghost vaccine carrying the hemagglutinin globular head (HA1) domain from H1N1 virus protects against salmonellosis and influenza in chickens. <i>Vaccine</i> , 2020, 38, 4387-4394.	3.8	5
18	O-antigen-deficient, live, attenuated <i>Salmonella typhimurium</i> confers efficient uptake, reduced cytotoxicity, and rapid clearance in chicken macrophages and lymphoid organs and induces significantly high protective immune responses that protect chickens against <i>Salmonella</i> infection. <i>Developmental and Comparative Immunology</i> , 2020, 111, 103745.	2.3	5

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19	Deletion of the <i>lon</i> gene augments expression of <i>Salmonella</i> Pathogenicity Island (SPI)-1 and metal ion uptake genes leading to the accumulation of bactericidal hydroxyl radicals and host pro-inflammatory cytokine-mediated rapid intracellular clearance. <i>Gut Microbes</i> , 2020, 11, 1695-1712.	9.8	16
20	Intranasally administered protein coated chitosan nanoparticles encapsulating influenza H9N2 HA2 and M2e mRNA molecules elicit protective immunity against avian influenza viruses in chickens. <i>Veterinary Research</i> , 2020, 51, 37.	3.0	43
21	Live vaccine consisting of attenuated <i>Salmonella</i> secreting and delivering <i>Brucella</i> ribosomal protein L7/L12 induces humoral and cellular immune responses and protects mice against virulent <i>Brucella abortus</i> 544 challenge. <i>Veterinary Research</i> , 2020, 51, 6.	3.0	10
22	Parenteral immunization of <i>Salmonella</i> Typhimurium ghosts with surface-displayed <i>Escherichia coli</i> flagellin enhances TLR-5 mediated activation of immune responses that protect the chicken against <i>Salmonella</i> infection. <i>Microbial Pathogenesis</i> , 2020, 147, 104252.	2.9	8
23	<i>Salmonella enterica</i> serovar Enteritidis ghosts displaying a surface FljC adjuvant elicit a robust immune response and effective protection against virulent challenge. <i>Veterinary Microbiology</i> , 2020, 243, 108633.	1.9	6
24	Isolation and Characterization of Multidrug Resistance <i>Aeromonas salmonicida</i> subsp. <i>salmonicida</i> and Its Infecting Novel Phage ASP-1 from Goldfish (<i>Carassius auratus</i>). <i>Indian Journal of Microbiology</i> , 2019, 59, 161-170.	2.7	15
25	Partial protection induced by <i>Salmonella</i> based <i>Brucella</i> vaccine candidate in pregnant guinea pigs. <i>Vaccine</i> , 2019, 37, 899-902.	3.8	3
26	Self-destructing <i>Salmonella</i> via temperature induced gene E of phage PhiX174 improves influenza HA DNA vaccine immune protection against H1N1 infection in mice model. <i>Journal of Immunological Methods</i> , 2019, 472, 7-15.	1.4	2
27	Attenuated <i>Salmonella</i> secreting <i>Brucella</i> protective antigens confer dual-faceted protection against brucellosis and salmonellosis in a mouse model. <i>Veterinary Immunology and Immunopathology</i> , 2019, 209, 31-36.	1.2	8
28	Intranasally administered anti- <i>Brucella</i> subunit vaccine formulation induces protective immune responses against nasal <i>Brucella</i> challenge. <i>Veterinary Microbiology</i> , 2019, 228, 112-118.	1.9	8
29	Safety implication of <i>Salmonella</i> based <i>Brucella</i> vaccine candidate in mice and in vitro human cell culture. <i>Vaccine</i> , 2018, 36, 1837-1845.	3.8	5
30	Complete Nucleotide Sequence Analysis of a Novel <i>Bacillus subtilis</i> -Infecting Bacteriophage BSP10 and Its Effect on Poly-Gamma-Glutamic Acid Degradation. <i>Viruses</i> , 2018, 10, 240.	3.3	21
31	Complete genome sequence analysis of a novel <i>Staphylococcus</i> phage StAP1 and proposal of a new species in the genus <i>Silviavirus</i> . <i>Archives of Virology</i> , 2017, 162, 2145-2148.	2.1	3
32	The newly developed monoclonal antibody SA7D6 exhibits potential for detection of <i>Staphylococcus aureus</i> . <i>Food Science and Biotechnology</i> , 2015, 24, 1177-1184.	2.6	3
33	Putative <i>Inv</i> Is Essential for Basolateral Invasion of Caco-2 Cells and Acts Synergistically with <i>OmpA</i> To Affect <i>In Vitro</i> and <i>In Vivo</i> Virulence of <i>Cronobacter sakazakii</i> ATCC 29544. <i>Infection and Immunity</i> , 2014, 82, 1755-1765.	2.2	23
34	Chronic renal failure among farm families in cascade irrigation systems in Sri Lanka associated with elevated dietary cadmium levels in rice and freshwater fish (<i>Tilapia</i>). <i>Environmental Geochemistry and Health</i> , 2008, 30, 465-478.	3.4	185