

Stephanie N Langel

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

945
citations

471509

17
h-index

477307

29
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32
all docs

32
docs citations

32
times ranked

1281
citing authors

#	ARTICLE	IF	CITATIONS
1	Lactogenic immunity and vaccines for porcine epidemic diarrhea virus (PEDV): Historical and current concepts. <i>Virus Research</i> , 2016, 226, 93-107.	2.2	137
2	Differential Effects of <i>Escherichia coli</i> Nissle and <i>Lactobacillus rhamnosus</i> Strain GG on Human Rotavirus Binding, Infection, and B Cell Immunity. <i>Journal of Immunology</i> , 2016, 196, 1780-1789.	0.8	86
3	Adenovirus type 5 SARS-CoV-2 vaccines delivered orally or intranasally reduced disease severity and transmission in a hamster model. <i>Science Translational Medicine</i> , 2022, 14, eabn6868.	12.4	62
4	Impact of nutrition and rotavirus infection on the infant gut microbiota in a humanized pig model. <i>BMC Gastroenterology</i> , 2018, 18, 93.	2.0	53
5	Unraveling the Differences between Gram-Positive and Gram-Negative Probiotics in Modulating Protective Immunity to Enteric Infections. <i>Frontiers in Immunology</i> , 2017, 8, 334.	4.8	49
6	Effect of feeding whole compared with cell-free colostrum on calf immune status: The neonatal period. <i>Journal of Dairy Science</i> , 2015, 98, 3729-3740.	3.4	41
7	Stage of Gestation at Porcine Epidemic Diarrhea Virus Infection of Pregnant Swine Impacts Maternal Immunity and Lactogenic Immune Protection of Neonatal Suckling Piglets. <i>Frontiers in Immunology</i> , 2019, 10, 727.	4.8	41
8	<i>Escherichia coli</i> Nissle 1917 protects gnotobiotic pigs against human rotavirus by modulating pDC and NK cell responses. <i>European Journal of Immunology</i> , 2016, 46, 2426-2437.	2.9	39
9	Protein Malnutrition Modifies Innate Immunity and Gene Expression by Intestinal Epithelial Cells and Human Rotavirus Infection in Neonatal Gnotobiotic Pigs. <i>MSphere</i> , 2017, 2, .	2.9	37
10	Lessons From COVID-19 in Children: Key Hypotheses to Guide Preventative and Therapeutic Strategies. <i>Clinical Infectious Diseases</i> , 2020, 71, 2006-2013.	5.8	33
11	Protein deficiency reduces efficacy of oral attenuated human rotavirus vaccine in a human infant fecal microbiota transplanted gnotobiotic pig model. <i>Vaccine</i> , 2018, 36, 6270-6281.	3.8	32
12	Protein Malnutrition Alters Tryptophan and Angiotensin-Converting Enzyme 2 Homeostasis and Adaptive Immune Responses in Human Rotavirus-Infected Gnotobiotic Pigs with Human Infant Fecal Microbiota Transplant. <i>Vaccine Journal</i> , 2017, 24, .	3.1	30
13	Pathogenicity and immunogenicity of attenuated porcine epidemic diarrhea virus PC22A strain in conventional weaned pigs. <i>BMC Veterinary Research</i> , 2019, 15, 26.	1.9	30
14	Host Factors Affecting Generation of Immunity Against Porcine Epidemic Diarrhea Virus in Pregnant and Lactating Swine and Passive Protection of Neonates. <i>Pathogens</i> , 2020, 9, 130.	2.8	28
15	Maternal antibody interference contributes to reduced rotavirus vaccine efficacy in developing countries. <i>PLoS Pathogens</i> , 2020, 16, e1009010.	4.7	25
16	Oral vitamin A supplementation of porcine epidemic diarrhea virus infected gilts enhances IgA and lactogenic immune protection of nursing piglets. <i>Veterinary Research</i> , 2019, 50, 101.	3.0	21
17	Oral Hsp90 inhibitor SNX-5422 attenuates SARS-CoV-2 replication and dampens inflammation in airway cells. <i>iScience</i> , 2021, 24, 103412.	4.1	20
18	Comparative <i>In Vitro</i> and <i>In Vivo</i> Studies of Porcine Rotavirus G9P[13] and Human Rotavirus Wa G1P[8]. <i>Journal of Virology</i> , 2016, 90, 142-151.	3.4	19

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19	Effect of antibiotic, probiotic, and human rotavirus infection on colonisation dynamics of defined commensal microbiota in a gnotobiotic pig model. <i>Beneficial Microbes</i> , 2018, 9, 71-86.	2.4	18
20	Maternal gatekeepers: How maternal antibody Fc characteristics influence passive transfer and infant protection. <i>PLoS Pathogens</i> , 2020, 16, e1008303.	4.7	18
21	Maternal immune protection against infectious diseases. <i>Cell Host and Microbe</i> , 2022, 30, 660-674.	11.0	18
22	Effect of feeding whole compared with cell-free colostrum on calf immune status: Vaccination response. <i>Journal of Dairy Science</i> , 2016, 99, 3979-3994.	3.4	17
23	<i>Escherichia coli</i> Nissle 1917 administered as a dextranomal microsphere biofilm enhances immune responses against human rotavirus in a neonatal malnourished pig model colonized with human infant fecal microbiota. <i>PLoS ONE</i> , 2021, 16, e0246193.	2.5	17
24	Effects of <i>Escherichia coli</i> Nissle 1917 and Ciprofloxacin on small intestinal epithelial cell mRNA expression in the neonatal piglet model of human rotavirus infection. <i>Gut Pathogens</i> , 2016, 8, 66.	3.4	16
25	Malnutrition Decreases Antibody Secreting Cell Numbers Induced by an Oral Attenuated Human Rotavirus Vaccine in a Human Infant Fecal Microbiota Transplanted Gnotobiotic Pig Model. <i>Frontiers in Immunology</i> , 2020, 11, 196.	4.8	15
26	<i>Escherichia coli</i> Nissle 1917 Enhances Innate and Adaptive Immune Responses in a Ciprofloxacin-Treated Defined-Microbiota Piglet Model of Human Rotavirus Infection. <i>MSphere</i> , 2021, 6, .	2.9	14
27	E-cigarette and food flavoring diacetyl alters airway cell morphology, inflammatory and antiviral response, and susceptibility to SARS-CoV-2. <i>Cell Death Discovery</i> , 2022, 8, 64.	4.7	9
28	Infectivity of GII.4 human norovirus does not differ between T-B-NK+ severe combined immunodeficiency (SCID) and non-SCID gnotobiotic pigs, implicating the role of NK cells in mediation of human norovirus infection. <i>Virus Research</i> , 2019, 267, 21-25.	2.2	6
29	<i>Escherichia coli</i> Nissle 1917 Enhances Efficacy of Oral Attenuated Human Rotavirus Vaccine in a Gnotobiotic Piglet Model. <i>Vaccines</i> , 2022, 10, 83.	4.4	3