Qian Yang

List of Publications by Year
in descending order

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103	2,382	218677	265206
papers	citations	26 h-index	42 g-index

108	108	108	2855
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lactobacillus accelerates ISCs regeneration to protect the integrity of intestinal mucosa through activation of STAT3 signaling pathway induced by LPLs secretion of IL-22. Cell Death and Differentiation, 2018, 25, 1657-1670.	11.2	218
2	Lactobacillus protects the integrity of intestinal epithelial barrier damaged by pathogenic bacteria. Frontiers in Cellular and Infection Microbiology, 2015, 5, 26.	3.9	95
3	An alternative pathway of enteric PEDV dissemination from nasal cavity to intestinal mucosa in swine. Nature Communications, 2018, 9, 3811.	12.8	95
4	Transmissible gastroenteritis virus and porcine epidemic diarrhoea virus infection induces dramatic changes in the tight junctions and microfilaments of polarized IPEC-J2 cells. Virus Research, 2014, 192, 34-45.	2.2	86
5	Surfactin Inhibits Membrane Fusion during Invasion of Epithelial Cells by Enveloped Viruses. Journal of Virology, 2018, 92, .	3.4	77
6	Mitophagy in TGEV infection counteracts oxidative stress and apoptosis. Oncotarget, 2016, 7, 27122-27141.	1.8	68
7	pirABvp-Bearing Vibrio parahaemolyticus and Vibrio campbellii Pathogens Isolated from the Same AHPND-Affected Pond Possess Highly Similar Pathogenic Plasmids. Frontiers in Microbiology, 2017, 8, 1859.	3.5	66
8	Impact of TGEV infection on the pig small intestine. Virology Journal, 2018, 15, 102.	3.4	61
9	The epidermal growth factor receptor regulates cofilin activity and promotes transmissible gastroenteritis virus entry into intestinal epithelial cells. Oncotarget, 2016, 7, 12206-12221.	1.8	51
10	Lactobacillus reuteri Stimulates Intestinal Epithelial Proliferation and Induces Differentiation into Goblet Cells in Young Chickens. Journal of Agricultural and Food Chemistry, 2019, 67, 13758-13766.	5.2	51
11	Mucosal and Systemic Immune Responses Induced by Recombinant Lactobacillus spp. Expressing the Hemagglutinin of the Avian Influenza Virus H5N1. Vaccine Journal, 2012, 19, 174-179.	3.1	48
12	Analysis of umami taste substances of morel mushroom (Morchella sextelata) hydrolysates derived from different enzymatic systems. Food Chemistry, 2021, 362, 130192.	8.2	46
13	Effectivity of oral recombinant DNA vaccine against Streptococcus agalactiae in Nile tilapia. Developmental and Comparative Immunology, 2017, 77, 77-87.	2.3	45
14	Epidermal growth factor receptor is a co-factor for transmissible gastroenteritis virus entry. Virology, 2018, 521, 33-43.	2.4	44
15	Bacillus subtilis and surfactin inhibit the transmissible gastroenteritis virus from entering the intestinal epithelial cells. Bioscience Reports, 2017, 37, .	2.4	42
16	Characteristics of Nasal-Associated Lymphoid Tissue (NALT) and Nasal Absorption Capacity in Chicken. PLoS ONE, 2013, 8, e84097.	2.5	42
17	Molecular cloning, expression and the adjuvant effects of interleukin-8 of channel catfish (Ictalurus) Tj ETQq1 1 0.784314 rgBT /Overl	3.3	38
18	OmpN, outer membrane proteins of Edwardsiella ictaluri are potential vaccine candidates for channel catfish (Ictalurus punctatus). Molecular Immunology, 2016, 78, 1-8.	2.2	36

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19	Synthetic surfactin analogues have improved anti-PEDV properties. PLoS ONE, 2019, 14, e0215227.	2.5	36
20	Lactobacillus acidophilus Alleviated Salmonellaâ€Induced Goblet Cells Loss and Colitis by Notch Pathway. Molecular Nutrition and Food Research, 2018, 62, e1800552.	3.3	35
21	Chicken bone marrow-derived dendritic cells maturation in response to infectious bursal disease virus. Veterinary Immunology and Immunopathology, 2015, 164, 51-55.	1.2	34
22	H9N2 Influenza Whole Inactivated Virus Combined with Polyethyleneimine Strongly Enhances Mucosal and Systemic Immunity after Intranasal Immunization in Mice. Vaccine Journal, 2015, 22, 421-429.	3.1	34
23	Multidrug-Resistant Aeromonas veronii Recovered from Channel Catfish (Ictalurus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Resistance, 2017, 23, 473-479.	2.0	30
24	Transferrin receptor 1 levels at the cell surface influence the susceptibility of newborn piglets to PEDV infection. PLoS Pathogens, 2020, 16, e1008682.	4.7	29
25	Lactobacillus S-layer protein inhibition of Salmonella-induced reorganization of the cytoskeleton and activation of MAPK signalling pathways in Caco-2 cells. Microbiology (United Kingdom), 2011, 157, 2639-2646.	1.8	28
26	Modulation of Mammary Gland Development and Milk Production by Growth Hormone Expression in GH Transgenic Goats. Frontiers in Physiology, 2016, 7, 278.	2.8	27
27	An update of new small-molecule anticancer drugs approved from 2015 to 2020. European Journal of Medicinal Chemistry, 2021, 220, 113473.	5.5	27
28	Outbreak of infectious pancreatic necrosis virus (IPNV) in farmed rainbow trout in China. Acta Tropica, 2017, 170, 63-69.	2.0	26
29	Cell attenuated porcine epidemic diarrhea virus strain Zhejiang08 provides effective immune protection attributed to dendritic cell stimulation. Vaccine, 2017, 35, 7033-7041.	3.8	26
30	Bursopentin (BP5) Protects Dendritic Cells from Lipopolysaccharide-Induced Oxidative Stress for Immunosuppression. PLoS ONE, 2015, 10, e0117477.	2.5	26
31	Infection of Porcine Circovirus 2 (PCV2) in Intestinal Porcine Epithelial Cell Line (IPEC-J2) and Interaction between PCV2 and IPEC-J2 Microfilaments. Virology Journal, 2014, 11, 193.	3.4	25
32	Persistent Transmissible Gastroenteritis Virus Infection Enhances Enterotoxigenic Escherichia coli K88 Adhesion by Promoting Epithelial-Mesenchymal Transition in Intestinal Epithelial Cells. Journal of Virology, 2017, 91, .	3.4	25
33	Ability of Lactobacillus to inhibit enteric pathogenic bacteria adhesion on Caco-2 cells. World Journal of Microbiology and Biotechnology, 2011, 27, 881-886.	3.6	24
34	CpG Oligodeoxynucleotides Facilitate Delivery of Whole Inactivated H9N2 Influenza Virus via Transepithelial Dendrites of Dendritic Cells in Nasal Mucosa. Journal of Virology, 2015, 89, 5904-5918.	3.4	24
35	Immune responses induced by recombinant Bacillus subtilis expressing the spike protein of transmissible gastroenteritis virus in pigs. Antiviral Research, 2016, 131, 74-84.	4.1	24
36	Histological and anatomical structure of the nasal cavity of Bama minipigs. PLoS ONE, 2017, 12, e0173902.	2.5	24

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37	The synthesis review of the approved tyrosine kinase inhibitors for anticancer therapy in 2015â€“2020. Bioorganic Chemistry, 2021, 113, 105011.	4.1	22
38	Interleukin-8 holds promise to serve as a molecular adjuvant in DNA vaccination model againstStreptococcus iniaeinfection in fish. Oncotarget, 2016, 7, 83938-83950.	1.8	22
39	Effects of porcine epidemic diarrhea virus on porcine monocyte-derived dendritic cells and intestinal dendritic cells. Veterinary Microbiology, 2015, 179, 131-141.	1.9	21
40	Mucosal immune responses induced by oral administration recombinant Bacillus subtilis expressing the COE antigen of PEDV in newborn piglets. Bioscience Reports, 2019, 39, .	2.4	20
41	Transcriptome analysis of the mammary gland from GH transgenic goats during involution. Gene, 2015, 565, 228-234.	2.2	19
42	Effects of virulent and attenuated transmissible gastroenteritis virus on the ability of porcine dendritic cells to sample and present antigen. Veterinary Microbiology, 2014, 171, 74-86.	1.9	17
43	Molecular Characterization, Phylogenetic, Expression, and Protective Immunity Analysis of OmpF, a Promising Candidate Immunogen Against Yersinia ruckeri Infection in Channel Catfish. Frontiers in Immunology, 2018, 9, 2003.	4.8	17
44	The ESCRT-I Subunit Tsg101 Plays Novel Dual Roles in Entry and Replication of Classical Swine Fever Virus. Journal of Virology, 2021, 95, .	3.4	17
45	Microfilaments and Microtubules Alternately Coordinate the Multistep Endosomal Trafficking of Classical Swine Fever Virus. Journal of Virology, 2021, 95, .	3.4	16
46	Whole inactivated avian Influenza H9N2 viruses induce nasal submucosal dendritic cells to sample luminal viruses via transepithelial dendrites and trigger subsequent DC maturation. Vaccine, 2015, 33, 1382-1392.	3.8	15
47	A protein extraction method for low protein concentration solutions compatible with the proteomic analysis of rubber particles. Electrophoresis, 2016, 37, 2930-2939.	2.4	15
48	Intranasal administration with recombinant Bacillus subtilis induces strong mucosal immune responses against pseudorabies. Microbial Cell Factories, 2019, 18, 103.	4.0	15
49	Immune Responses Induced by Recombinant Bacillus Subtilis Expressing the Hemagglutinin Protein of H5N1 in chickens. Scientific Reports, 2016, 6, 38403.	3.3	14
50	Proteomic Analysis of IPECâ€J2 Cells in Response to Coinfection by Porcine Transmissible Gastroenteritis Virus and Enterotoxigenic Escherichia coli K88. Proteomics - Clinical Applications, 2017, 11, 1600137.	1.6	14
51	Effects of Mycoplasma hyopneumoniae on porcine nasal cavity dendritic cells. Veterinary Microbiology, 2017, 198, 1-8.	1.9	14
52	Transferrin receptor 1 is a supplementary receptor that assists transmissible gastroenteritis virus entry into porcine intestinal epithelium. Cell Communication and Signaling, 2018, 16, 69.	6.5	14
53	Effects of intranasal administration with BacillusÃ¯Â¿Â½subtilis on immune cells in the nasal mucosa and tonsils of piglets. Experimental and Therapeutic Medicine, 2018, 15, 5189-5198.	1.8	14
54	miR29a and miR378b Influence CpG-Stimulated Dendritic Cells and Regulate cGAS/STING Pathway. Vaccines, 2019, 7, 197.	4.4	14

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55	Mucosal and systemic immune responses induced by intranasal immunization of recombinant Bacillus subtilis expressing the P97R1, P46 antigens of Mycoplasma hyopneumoniae. Bioscience Reports, 2019, 39, .	2.4	14
56	MiR674 inhibits the neuraminidase-stimulated immune response on dendritic cells via down-regulated Mbnl3. Oncotarget, 2016, 7, 48978-48994.	1.8	14
57	Bacillus amyloliquefaciens SQR9 induces dendritic cell maturation and enhances the immune response against inactivated avian influenza virus. Scientific Reports, 2016, 6, 21363.	3.3	13
58	4,4â€²-Diaponeurosporene-Producing Bacillus subtilis Increased Mouse Resistance against Salmonella typhimurium Infection in a CD36-Dependent Manner. Frontiers in Immunology, 2017, 8, 483.	4.8	13
59	Crosstalk between H9N2 avian influenza virus and crypt-derived intestinal organoids. Veterinary Research, 2017, 48, 71.	3.0	13
60	Antiviral activity of interleukin-11 as a response to porcine epidemic diarrhea virus infection. Veterinary Research, 2019, 50, 111.	3.0	13
61	Co-administration of attenuated Mycoplasma hyopneumoniae 168 strain with bacterial DNA enhances the local and systemic immune response after intranasal vaccination in pigs. Vaccine, 2012, 30, 2153-2158.	3.8	12
62	H9N2 avian influenza virus enhances the immune responses of BMDCs by down-regulating miR29c. Vaccine, 2017, 35, 729-737.	3.8	12
63	4,4â€²â€Ðiaponeurosporeneâ€ProducingBacillus subtilisPromotes the Development of the Mucosal Immune System of the Piglet Gut. Anatomical Record, 2019, 302, 1800-1807.	1.4	12
64	4,4â€²-diaponeurosporene, a C30 carotenoid, effectively activates dendritic cellsviaCD36 and NF-ÎºB signaling in a ROS independent manner. Oncotarget, 0, 7, 40978-40991.	1.8	12
65	From nasal to basal: single-cell sequencing of the bursa of Fabricius highlights the IBDV infection mechanism in chickens. Cell and Bioscience, 2021, 11, 212.	4.8	12
66	Retinoic acid facilitates inactivated transmissible gastroenteritis virus induction of CD8+ T-cell migration to the porcine gut. Scientific Reports, 2016, 6, 24152.	3.3	11
67	Surfactin induces maturation of dendritic cells inÂvitro. Bioscience Reports, 2016, 36, e00387.	2.4	11
68	The PA-interacting host protein nucleolin acts as an antiviral factor during highly pathogenic H5N1 avian influenza virus infection. Archives of Virology, 2018, 163, 2775-2786.	2.1	10
69	Oral administration of inactivated porcine epidemic diarrhea virus activate DCs in porcine Peyerâ€™s patches. BMC Veterinary Research, 2018, 14, 239.	1.9	10
70	Upregulation of CD4+CD8+ memory cells in the piglet intestine following oral administration of Bacillus subtilis spores combined with PEDV whole inactivated virus. Veterinary Microbiology, 2019, 235, 1-9.	1.9	10
71	Enhanced immune response of BMDCs pulsed with H9N2 AIV and CpG. Vaccine, 2014, 32, 6783-6790.	3.8	9
72	Effects of inactivated porcine epidemic diarrhea virus on porcine monocyte-derived dendritic cells and intestinal dendritic cells. Research in Veterinary Science, 2016, 106, 149-158.	1.9	9

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73	Amelioration of the DSSâ€'induced colitis in mice by pretreatment with 4,4'â€'diaponeurosporeneâ€'producing Bacillus subtilis. Experimental and Therapeutic Medicine, 2017, 14, 6069-6073.	1.8	9
74	Classical swine fever virus non-structural proteins modulate Toll-like receptor signaling pathways in porcine monocyte-derived macrophages. Veterinary Microbiology, 2019, 230, 101-109.	1.9	9
75	In Vitro Antiviral Activities of Salinomycin on Porcine Epidemic Diarrhea Virus. Viruses, 2021, 13, 580.	3.3	9
76	Genome-wide profiling of microRNAs reveals novel insights into the interactions between H9N2 avian influenza virus and avian dendritic cells. Oncogene, 2018, 37, 4562-4580.	5.9	8
77	Immune response in piglets orally immunized with recombinant Bacillus subtilis expressing the capsid protein of porcine circovirus type 2. Cell Communication and Signaling, 2020, 18, 23.	6.5	8
78	Acute and Subacute toxicity study of Olaquindox by feeding to common carp (Cyprinus carpio L.). Ecotoxicology and Environmental Safety, 2018, 161, 342-349.	6.0	7
79	Delivery of plasmid DNA to shrimp hemocytes by Infectious hypodermal and hematopoietic necrosis virus (IHHNV) nanoparticles expressed from a baculovirus insect cell system. Journal of Invertebrate Pathology, 2019, 166, 107231.	3.2	7
80	PEDV infection in neonatal piglets through the nasal cavity is mediated by subepithelial CD3+ T cells. Veterinary Research, 2021, 52, 26.	3.0	7
81	The mechanism of antigen-presentation of avian bone marrowed dendritic cells suppressed by infectious bronchitis virus. Genomics, 2021, 113, 1719-1732.	2.9	7
82	Porcine intraepithelial lymphocytes undergo migration and produce an antiviral response following intestinal virus infection. Communications Biology, 2022, 5, 252.	4.4	7
83	A novel approach to evaluate potential risk of organic enrichment in marine aquaculture farms: a case study in Sanggou Bay. Environmental Science and Pollution Research, 2018, 25, 16842-16851.	5.3	6
84	Transmissible gastroenteritis virus infection decreases arginine uptake by downregulating CAT-1 expression. Veterinary Research, 2018, 49, 95.	3.0	6
85	Differential response of porcine immature monocyte-derived dendritic cells to virulent and inactivated transmissible gastroenteritis virus. Research in Veterinary Science, 2014, 97, 623-630.	1.9	5
86	The copy number and integration site analysis of IGF-1 transgenic goat. International Journal of Molecular Medicine, 2014, 34, 900-910.	4.0	5
87	Role of intestinal extracellular matrix-related signaling in porcine epidemic diarrhea virus infection. Virulence, 2021, 12, 2352-2365.	4.4	5
88	Bacillus subtilis Spore-Trained Dendritic Cells Enhance the Generation of Memory T Cells via ICAM1. Cells, 2021, 10, 2267.	4.1	5
89	Comparison of oral and nasal immunization with inactivated porcine epidemic diarrhea virus on intestinal immunity in piglets. Experimental and Therapeutic Medicine, 2020, 20, 1596-1606.	1.8	5
90	CpG DNA facilitate the inactivated transmissible gastroenteritis virus in enhancing the local and systemic immune response of pigs via oral administration. Veterinary Immunology and Immunopathology, 2016, 172, 1-8.	1.2	4

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91	Oral administration of Bacillus subtilis promotes homing of CD3+ T cells and IgA-secreting cells to the respiratory tract in piglets. Research in Veterinary Science, 2021, 136, 310-317.	1.9	4
92	Histological studies on the development of porcine tonsils after birth. Journal of Morphology, 2018, 279, 1185-1193.	1.2	3
93	Coccolithophore responses to the Pacific Decadal Oscillation in the East China Sea region of the Northwest Pacific from <scp>ad</scp> 1901 to 2013. Journal of Quaternary Science, 2019, 34, 333-341.	2.1	3
94	Single-Blinded Study Highlighting the Differences between the Small Intestines of Neonatal and Weaned Piglets. Animals, 2021, 11, 271.	2.3	3
95	The Mechanism of PEDV-Carrying CD3+ T Cells Migrate into the Intestinal Mucosa of Neonatal Piglets. Viruses, 2021, 13, 469.	3.3	3
96	Red blood cells serve as a vehicle for PEDV transmission. Veterinary Microbiology, 2021, 257, 109081.	1.9	3
97	Immune Responses Induced by Recombinant Bacillus subtilis Expressing the PEDV Spike Protein Targeted at Microfold Cells. Veterinary Sciences, 2022, 9, 211.	1.7	3
98	A Novel Pathway for Porcine Epidemic Diarrhea Virus Transmission from Sows to Neonatal Piglets Mediated by Colostrum. Journal of Virology, 2022, 96, .	3.4	3
99	The Effects of GH Transgenic Goats on the Microflora of the Intestine, Feces and Surrounding Soil. PLoS ONE, 2015, 10, e0139822.	2.5	2
100	Mechanism of transepithelial migration of lymphocytes into the milk in porcine mammary glands. Journal of Reproductive Immunology, 2021, 149, 103440.	1.9	2
101	Porcine Epidemic Diarrhea Virus Infection Disrupts the Nasal Endothelial Barrier To Favor Viral Dissemination. Journal of Virology, 2022, , e0038022.	3.4	2
102	Inhibition of the antigen-presenting ability of dendritic cells by non-structural protein 2 of influenza A virus. Veterinary Microbiology, 2022, 267, 109392.	1.9	1
103	Enhancement of transfection efficiency with NLS and SPB-NLS. Molecular Medicine Reports, 2014, 9, 2559-2567.	2.4	0