

Xi Jiang

List of Publications by Year in descending order

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79
papers

5,438
citations

159585

30
h-index

85541

71
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84
all docs

84
docs citations

84
times ranked

6370
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioengineered pseudovirus nanoparticles displaying the HA1 antigens of influenza viruses for enhanced immunogenicity. <i>Nano Research</i> , 2022, 15, 4181-4190.	10.4	5
2	Effects of rotavirus NSP4 protein on the immune response and protection of the SR69A-VP8* nanoparticle rotavirus vaccine. <i>Vaccine</i> , 2021, 39, 263-271.	3.8	15
3	Genetic susceptibility to rotavirus infection in Chinese children: a population-based caseâ€“control study. <i>Human Vaccines and Immunotherapeutics</i> , 2021, 17, 1803-1810.	3.3	7
4	A Nanoparticle-Based Trivalent Vaccine Targeting the Glycan Binding VP8* Domains of Rotaviruses. <i>Viruses</i> , 2021, 13, 72.	3.3	12
5	Simvastatin Reduces Protection and Intestinal T Cell Responses Induced by a Norovirus P Particle Vaccine in Gnotobiotic Pigs. <i>Pathogens</i> , 2021, 10, 829.	2.8	0
6	Characterization of Functional Components in Bovine Colostrum That Inhibit Norovirus Capsid Protruding Domains Interacting with HBGA Ligands. <i>Pathogens</i> , 2021, 10, 857.	2.8	2
7	Structural basis of P[II] rotavirus evolution and host ranges under selection of histo-blood group antigens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	9
8	Intra-species sialic acid polymorphism in humans: a common niche for influenza and coronavirus pandemics?. <i>Emerging Microbes and Infections</i> , 2021, 10, 1191-1199.	6.5	7
9	Burden of viral gastroenteritis in children living in rural China: Population-based surveillance. <i>International Journal of Infectious Diseases</i> , 2020, 90, 151-160.	3.3	21
10	Evaluation of the 50% Infectious Dose of Human Norovirus Cin-2 in Gnotobiotic Pigs: A Comparison of Classical and Contemporary Methods for Endpoint Estimation. <i>Viruses</i> , 2020, 12, 955.	3.3	14
11	Molecular basis of P[II] major human rotavirus VP8* domain recognition of histo-blood group antigens. <i>PLoS Pathogens</i> , 2020, 16, e1008386.	4.7	25
12	Histo-blood group antigens as divergent factors of groups A and C rotaviruses circulating in humans and different animal species. <i>Emerging Microbes and Infections</i> , 2020, 9, 1609-1617.	6.5	5
13	Epidemiology and HBGA-susceptibility investigation of a G9P[8] rotavirus outbreak in a school in Lechang, China. <i>Archives of Virology</i> , 2020, 165, 1311-1320.	2.1	3
14	Title is missing!. , 2020, 16, e1008386.		0
15	Title is missing!. , 2020, 16, e1008386.		0
16	Title is missing!. , 2020, 16, e1008386.		0
17	Title is missing!. , 2020, 16, e1008386.		0
18	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

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19	Parenterally Administered P24-VP8* Nanoparticle Vaccine Conferred Strong Protection against Rotavirus Diarrhea and Virus Shedding in Gnotobiotic Pigs. <i>Vaccines</i> , 2019, 7, 177.	4.4	16
20	Structural basis of host ligand specificity change of GII porcine noroviruses from their closely related GII human noroviruses. <i>Emerging Microbes and Infections</i> , 2019, 8, 1642-1657.	6.5	5
21	Norovirus Capsid Protein-Derived Nanoparticles and Polymers as Versatile Platforms for Antigen Presentation and Vaccine Development. <i>Pharmaceutics</i> , 2019, 11, 472.	4.5	22
22	Heterosubtypic protection against avian influenza virus by live attenuated and chimeric norovirus P-particle-M2e vaccines in chickens. <i>Vaccine</i> , 2019, 37, 1356-1364.	3.8	17
23	Immune response and protective efficacy of the S particle presented rotavirus VP8* vaccine in mice. <i>Vaccine</i> , 2019, 37, 4103-4110.	3.8	18
24	Structural Adaptations of Norovirus GII.17/13/21 Lineage through Two Distinct Evolutionary Paths. <i>Journal of Virology</i> , 2019, 93, .	3.4	16
25	Enhanced GII.4 human norovirus infection in gnotobiotic pigs transplanted with a human gut microbiota. <i>Journal of General Virology</i> , 2019, 100, 1530-1540.	2.9	15
26	Recognition of RNA N6-methyladenosine by IGF2BP proteins enhances mRNA stability and translation. <i>Nature Cell Biology</i> , 2018, 20, 285-295.	10.3	1,650
27	Quantifying the binding stoichiometry and affinity of histo-blood group antigen oligosaccharides for human noroviruses. <i>Glycobiology</i> , 2018, 28, 488-498.	2.5	14
28	Saliva as a source of reagent to study human susceptibility to avian influenza H7N9 virus infection. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-10.	6.5	8
29	Bioengineered Norovirus S₆₀ Nanoparticles as a Multifunctional Vaccine Platform. <i>ACS Nano</i> , 2018, 12, 10665-10682.	14.6	28
30	Comparison of the efficacy of a commercial inactivated influenza A/H1N1/pdm09 virus (pH1N1) vaccine and two experimental M2e-based vaccines against pH1N1 challenge in the growing pig model. <i>PLoS ONE</i> , 2018, 13, e0191739.	2.5	3
31	Histo-blood group antigens as receptors for rotavirus, new understanding on rotavirus epidemiology and vaccine strategy. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-8.	6.5	64
32	Burden of acute gastroenteritis caused by norovirus in China: A systematic review. <i>Journal of Infection</i> , 2017, 75, 216-224.	3.3	49
33	FTO Plays an Oncogenic Role in Acute Myeloid Leukemia as a N6-Methyladenosine RNA Demethylase. <i>Cancer Cell</i> , 2017, 31, 127-141.	16.8	1,139
34	Human intestinal organoids express histo-blood group antigens, bind norovirus VLPs, and support limited norovirus replication. <i>Scientific Reports</i> , 2017, 7, 12621.	3.3	42
35	Characterization of Antigenic Relatedness between GII.4 and GII.17 Noroviruses by Use of Serum Samples from Norovirus-Infected Patients. <i>Journal of Clinical Microbiology</i> , 2017, 55, 3366-3373.	3.9	19
36	Recent advancements in combination subunit vaccine development. <i>Human Vaccines and Immunotherapeutics</i> , 2017, 13, 180-185.	3.3	32

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37	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
38	Structural basis of glycan specificity of P[19] VP8*: Implications for rotavirus zoonosis and evolution. <i>PLoS Pathogens</i> , 2017, 13, e1006707.	4.7	38
39	High Protective Efficacy of Probiotics and Rice Bran against Human Norovirus Infection and Diarrhea in Gnotobiotic Pigs. <i>Frontiers in Microbiology</i> , 2016, 7, 1699.	3.5	49
40	Increased and prolonged human norovirus infection in RAG2/IL2RG deficient gnotobiotic pigs with severe combined immunodeficiency. <i>Scientific Reports</i> , 2016, 6, 25222.	3.3	78
41	Glycan Specificity of P[19] Rotavirus and Comparison with Those of Related P Genotypes. <i>Journal of Virology</i> , 2016, 90, 9983-9996.	3.4	46
42	Development and evaluation of two subunit vaccine candidates containing antigens of hepatitis E virus, rotavirus, and astrovirus. <i>Scientific Reports</i> , 2016, 6, 25735.	3.3	23
43	Complete Genome Sequence of a GII.17 Norovirus Isolated from a Rhesus Monkey in China. <i>Genome Announcements</i> , 2016, 4, .	0.8	3
44	P[8] and P[4] Rotavirus Infection Associated with Secretor Phenotypes Among Children in South China. <i>Scientific Reports</i> , 2016, 6, 34591.	3.3	37
45	Antibody-Based Affinity Cryoelectron Microscopy at 2.6-Å... Resolution. <i>Structure</i> , 2016, 24, 1984-1990.	3.3	34
46	<i>Enterobacter cloacae</i> inhibits human norovirus infectivity in gnotobiotic pigs. <i>Scientific Reports</i> , 2016, 6, 25017.	3.3	33
47	A trivalent vaccine candidate against hepatitis E virus, norovirus, and astrovirus. <i>Vaccine</i> , 2016, 34, 905-913.	3.8	32
48	Fecal Polyomavirus Excretion in Infancy. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2016, 5, 210-213.	1.3	6
49	Identification of MLL-fusion/MYC-miR-26a-TET1 signaling circuit in MLL-rearranged leukemia. <i>Cancer Letters</i> , 2016, 372, 157-165.	7.2	25
50	PBX3 and MEIS1 Cooperate in Hematopoietic Cells to Drive Acute Myeloid Leukemias Characterized by a Core Transcriptome of the MLL-Rearranged Disease. <i>Cancer Research</i> , 2016, 76, 619-629.	0.9	45
51	Comparison of norovirus genogroup I, II and IV seroprevalence among children in the Netherlands, 1963, 1983 and 2006. <i>Journal of General Virology</i> , 2016, 97, 2255-2264.	2.9	26
52	Characterization of the new GII.17 norovirus variant that emerged recently as the predominant strain in China. <i>Journal of General Virology</i> , 2016, 97, 2620-2632.	2.9	44
53	An outbreak caused by GII.17 norovirus with a wide spectrum of HBGA-associated susceptibility. <i>Scientific Reports</i> , 2015, 5, 17687.	3.3	64
54	Overexpression and knockout of miR-126 both promote leukemogenesis. <i>Blood</i> , 2015, 126, 2005-2015.	1.4	65

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55	Tulane virus recognizes sialic acids as cellular receptors. <i>Scientific Reports</i> , 2015, 5, 11784.	3.3	33
56	A Unique Human Norovirus Lineage with a Distinct HBGA Binding Interface. <i>PLoS Pathogens</i> , 2015, 11, e1005025.	4.7	42
57	Tulane Virus Recognizes the A Type 3 and B Histo-Blood Group Antigens. <i>Journal of Virology</i> , 2015, 89, 1419-1427.	3.4	43
58	Application of salivary antibody immunoassays for the detection of incident infections with Norwalk virus in a group of volunteers. <i>Journal of Immunological Methods</i> , 2015, 424, 53-63.	1.4	27
59	Affinities of human histo-blood group antigens for norovirus capsid protein complexes. <i>Glycobiology</i> , 2015, 25, 170-180.	2.5	23
60	Norovirus Vaccine Against Experimental Human GII.4 Virus Illness: A Challenge Study in Healthy Adults. <i>Journal of Infectious Diseases</i> , 2015, 211, 870-878.	4.0	223
61	Strain-specific interaction of a GII.10 Norovirus with HBGAs. <i>Virology</i> , 2015, 476, 386-394.	2.4	17
62	Serological Correlates of Protection against a GII.4 Norovirus. <i>Vaccine Journal</i> , 2015, 22, 923-929.	3.1	109
63	Alberta Provincial Pediatric Enteric Infection TEam (APPETITE): epidemiology, emerging organisms, and economics. <i>BMC Pediatrics</i> , 2015, 15, 89.	1.7	35
64	Antigenic Relatedness of Norovirus GII.4 Variants Determined by Human Challenge Sera. <i>PLoS ONE</i> , 2015, 10, e0124945.	2.5	15
65	Vaccine against norovirus. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 1449-1456.	3.3	27
66	Newcastle Disease Virus Vector Producing Human Norovirus-Like Particles Induces Serum, Cellular, and Mucosal Immune Responses in Mice. <i>Journal of Virology</i> , 2014, 88, 9718-9727.	3.4	34
67	Histo-blood group antigens: a common niche for norovirus and rotavirus. <i>Expert Reviews in Molecular Medicine</i> , 2014, 16, e5.	3.9	133
68	Single-step antibody-based affinity cryo-electron microscopy for imaging and structural analysis of macromolecular assemblies. <i>Journal of Structural Biology</i> , 2014, 187, 1-9.	2.8	35
69	A dual vaccine candidate against norovirus and hepatitis E virus. <i>Vaccine</i> , 2014, 32, 445-452.	3.8	35
70	Intranasal P Particle Vaccine Provided Partial Cross-Variant Protection against Human GII.4 Norovirus Diarrhea in Gnotobiotic Pigs. <i>Journal of Virology</i> , 2014, 88, 9728-9743.	3.4	47
71	Branched-linear and agglomerate protein polymers as vaccine platforms. <i>Biomaterials</i> , 2014, 35, 8427-8438.	11.4	18
72	Subviral particle as vaccine and vaccine platform. <i>Current Opinion in Virology</i> , 2014, 6, 24-33.	5.4	35

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73	Median infectious dose of human norovirus GII.4 in gnotobiotic pigs is decreased by simvastatin treatment and increased by age. <i>Journal of General Virology</i> , 2013, 94, 2005-2016.	2.9	51
74	Poly-LacNAc as an Age-Specific Ligand for Rotavirus P[11] in Neonates and Infants. <i>PLoS ONE</i> , 2013, 8, e78113.	2.5	53
75	Rotavirus VP8*: Phylogeny, Host Range, and Interaction with Histo-Blood Group Antigens. <i>Journal of Virology</i> , 2012, 86, 9899-9910.	3.4	152
76	Spike Protein VP8* of Human Rotavirus Recognizes Histo-Blood Group Antigens in a Type-Specific Manner. <i>Journal of Virology</i> , 2012, 86, 4833-4843.	3.4	221
77	Human Milk Contains Elements That Block Binding of Noroviruses to Histo-Blood Group Antigens in Saliva. <i>Advances in Experimental Medicine and Biology</i> , 2004, 554, 447-450.	1.6	12
78	Update on caliciviruses and human acute gastroenteritis. <i>Pediatric Infectious Disease Journal</i> , 2002, 21, 1069-1070.	2.0	1
79	Norovirus Gastroenteritis. , 0, , 39-52.		0