# Xi Jiang

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8106315/publications.pdf

Version: 2024-02-01

| | | | |
|---|---|---|---|
| 79 papers | 5,438 citations | 159573 30 h-index | 85537 71 g-index |
| 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. Nano Research, 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. Vaccine, 2021, 39, 263-271. | 3.8 | 15 |
| 3 | Genetic susceptibility to rotavirus infection in Chinese children: a population-based caseâ€“control study. Human Vaccines and Immunotherapeutics, 2021, 17, 1803-1810. | 3.3 | 7 |
| 4 | A Nanoparticle-Based Trivalent Vaccine Targeting the Glycan Binding VP8* Domains of Rotaviruses. Viruses, 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. Pathogens, 2021, 10, 829. | 2.8 | 0 |
| 6 | Characterization of Functional Components in Bovine Colostrum That Inhibit Norovirus Capsid Protruding Domains Interacting with HBGA Ligands. Pathogens, 2021, 10, 857. | 2.8 | 2 |
| 7 | Structural basis of P[II] rotavirus evolution and host ranges under selection of histo-blood group antigens. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 7.1 | 9 |
| 8 | Intra-species sialic acid polymorphism in humans: a common niche for influenza and coronavirus pandemics?. Emerging Microbes and Infections, 2021, 10, 1191-1199. | 6.5 | 7 |
| 9 | Burden of viral gastroenteritis in children living in rural China: Population-based surveillance. International Journal of Infectious Diseases, 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. Viruses, 2020, 12, 955. | 3.3 | 14 |
| 11 | Molecular basis of P[II] major human rotavirus VP8* domain recognition of histo-blood group antigens. PLoS Pathogens, 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. Emerging Microbes and Infections, 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. Archives of Virology, 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. Vaccine, 2019, 37, 6454-6462. | 3.8 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Parenterally Administered P24-VP8* Nanoparticle Vaccine Conferred Strong Protection against Rotavirus Diarrhea and Virus Shedding in Gnotobiotic Pigs. Vaccines, 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. Emerging Microbes and Infections, 2019, 8, 1642-1657. | 6.5 | 5 |
| 21 | Norovirus Capsid Protein-Derived Nanoparticles and Polymers as Versatile Platforms for Antigen Presentation and Vaccine Development. Pharmaceutics, 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. Vaccine, 2019, 37, 1356-1364. | 3.8 | 17 |
| 23 | Immune response and protective efficacy of the S particle presented rotavirus VP8* vaccine in mice. Vaccine, 2019, 37, 4103-4110. | 3.8 | 18 |
| 24 | Structural Adaptations of Norovirus GII.17/13/21 Lineage through Two Distinct Evolutionary Paths. Journal of Virology, 2019, 93, . | 3.4 | 16 |
| 25 | Enhanced GII.4 human norovirus infection in gnotobiotic pigs transplanted with a human gut microbiota. Journal of General Virology, 2019, 100, 1530-1540. | 2.9 | 15 |
| 26 | Recognition of RNA N6-methyladenosine by IGF2BP proteins enhances mRNA stability and translation. Nature Cell Biology, 2018, 20, 285-295. | 10.3 | 1,650 |
| 27 | Quantifying the binding stoichiometry and affinity of histo-blood group antigen oligosaccharides for human noroviruses. Glycobiology, 2018, 28, 488-498. | 2.5 | 14 |
| 28 | Saliva as a source of reagent to study human susceptibility to avian influenza H7N9 virus infection. Emerging Microbes and Infections, 2018, 7, 1-10. | 6.5 | 8 |
| 29 | Bioengineered Norovirus S<sub>60</sub> Nanoparticles as a Multifunctional Vaccine Platform. ACS Nano, 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. PLoS ONE, 2018, 13, e0191739. | 2.5 | 3 |
| 31 | Histo-blood group antigens as receptors for rotavirus, new understanding on rotavirus epidemiology and vaccine strategy. Emerging Microbes and Infections, 2017, 6, 1-8. | 6.5 | 64 |
| 32 | Burden of acute gastroenteritis caused by norovirus in China: A systematic review. Journal of Infection, 2017, 75, 216-224. | 3.3 | 49 |
| 33 | FTO Plays an Oncogenic Role in Acute Myeloid Leukemia as a N 6 -Methyladenosine RNA Demethylase. Cancer Cell, 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. Scientific Reports, 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. Journal of Clinical Microbiology, 2017, 55, 3366-3373. | 3.9 | 19 |
| 36 | Recent advancements in combination subunit vaccine development. Human Vaccines and Immunotherapeutics, 2017, 13, 180-185. | 3.3 | 32 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Supplementation of inactivated influenza vaccine with norovirus P particle-M2e chimeric vaccine enhances protection against heterologous virus challenge in chickens. PLoS ONE, 2017, 12, e0171174. | 2.5 | 15 |
| 38 | Structural basis of glycan specificity of P[19] VP8*: Implications for rotavirus zoonosis and evolution. PLoS Pathogens, 2017, 13, e1006707. | 4.7 | 38 |
| 39 | High Protective Efficacy of Probiotics and Rice Bran against Human Norovirus Infection and Diarrhea in Gnotobiotic Pigs. Frontiers in Microbiology, 2016, 7, 1699. | 3.5 | 49 |
| 40 | Increased and prolonged human norovirus infection in RAG2/IL2RG deficient gnotobiotic pigs with severe combined immunodeficiency. Scientific Reports, 2016, 6, 25222. | 3.3 | 78 |
| 41 | Glycan Specificity of P[19] Rotavirus and Comparison with Those of Related P Genotypes. Journal of Virology, 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. Scientific Reports, 2016, 6, 25735. | 3.3 | 23 |
| 43 | Complete Genome Sequence of a GII.17 Norovirus Isolated from a Rhesus Monkey in China. Genome Announcements, 2016, 4, . | 0.8 | 3 |
| 44 | P[8] and P[4] Rotavirus Infection Associated with Secretor Phenotypes Among Children in South China. Scientific Reports, 2016, 6, 34591. | 3.3 | 37 |
| 45 | Antibody-Based Affinity Cryoelectron Microscopy at 2.6-Ã... Resolution. Structure, 2016, 24, 1984-1990. | 3.3 | 34 |
| 46 | Enterobacter cloacae inhibits human norovirus infectivity in gnotobiotic pigs. Scientific Reports, 2016, 6, 25017. | 3.3 | 33 |
| 47 | A trivalent vaccine candidate against hepatitis E virus, norovirus, and astrovirus. Vaccine, 2016, 34, 905-913. | 3.8 | 32 |
| 48 | Fecal Polyomavirus Excretion in Infancy. Journal of the Pediatric Infectious Diseases Society, 2016, 5, 210-213. | 1.3 | 6 |
| 49 | Identification of MLL-fusion/MYCâŠ£miR-26âŠ£TET1 signaling circuit in MLL-rearranged leukemia. Cancer Letters, 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. Cancer Research, 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. Journal of General Virology, 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. Journal of General Virology, 2016, 97, 2620-2632. | 2.9 | 44 |
| 53 | An outbreak caused by GII.17 norovirus with a wide spectrum of HBGA-associated susceptibility. Scientific Reports, 2015, 5, 17687. | 3.3 | 64 |
| 54 | Overexpression and knockout of miR-126 both promote leukemogenesis. Blood, 2015, 126, 2005-2015. | 1.4 | 65 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Tulane virus recognizes sialic acids as cellular receptors. Scientific Reports, 2015, 5, 11784. | 3.3 | 33 |
| 56 | A Unique Human Norovirus Lineage with a Distinct HBGA Binding Interface. PLoS Pathogens, 2015, 11, e1005025. | 4.7 | 42 |
| 57 | Tulane Virus Recognizes the A Type 3 and B Histo-Blood Group Antigens. Journal of Virology, 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. Journal of Immunological Methods, 2015, 424, 53-63. | 1.4 | 27 |
| 59 | Affinities of human histo-blood group antigens for norovirus capsid protein complexes. Glycobiology, 2015, 25, 170-180. | 2.5 | 23 |
| 60 | Norovirus Vaccine Against Experimental Human GII.4 Virus Illness: A Challenge Study in Healthy Adults. Journal of Infectious Diseases, 2015, 211, 870-878. | 4.0 | 223 |
| 61 | Strain-specific interaction of a GII.10 Norovirus with HBGAs. Virology, 2015, 476, 386-394. | 2.4 | 17 |
| 62 | Serological Correlates of Protection against a GII.4 Norovirus. Vaccine Journal, 2015, 22, 923-929. | 3.1 | 109 |
| 63 | Alberta Provincial Pediatric EnTeric Infection TEam (APPETITE): epidemiology, emerging organisms, and economics. BMC Pediatrics, 2015, 15, 89. | 1.7 | 35 |
| 64 | Antigenic Relatedness of Norovirus GII.4 Variants Determined by Human Challenge Sera. PLoS ONE, 2015, 10, e0124945. | 2.5 | 15 |
| 65 | Vaccine against norovirus. Human Vaccines and Immunotherapeutics, 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. Journal of Virology, 2014, 88, 9718-9727. | 3.4 | 34 |
| 67 | Histo-blood group antigens: a common niche for norovirus and rotavirus. Expert Reviews in Molecular Medicine, 2014, 16, e5. | 3.9 | 133 |
| 68 | Single-step antibody-based affinity cryo-electron microscopy for imaging and structural analysis of macromolecular assemblies. Journal of Structural Biology, 2014, 187, 1-9. | 2.8 | 35 |
| 69 | A dual vaccine candidate against norovirus and hepatitis E virus. Vaccine, 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. Journal of Virology, 2014, 88, 9728-9743. | 3.4 | 47 |
| 71 | Branched-linear and agglomerate protein polymers as vaccine platforms. Biomaterials, 2014, 35, 8427-8438. | 11.4 | 18 |
| 72 | Subviral particle as vaccine and vaccine platform. Current Opinion in Virology, 2014, 6, 24-33. | 5.4 | 35 |

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