# Dai Wang

List of Publications by Year
in descending order



| 47 | 3,216 | 230014<br>27 | 242451<br>47 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 52 | 52 | 52 | 3072 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Structural basis for HCMV Pentamer recognition by neuropilin 2 and neutralizing antibodies. Science Advances, 2022, 8, eabm2546. | 4.7 | 8 |
| 2 | A novel high throughput assay to quantify Epstein-Barr virus neutralizing antibody activity against B-cell and epithelial cell infections for vaccine and therapeutic developments. Vaccine, 2022, 40, 3638-3646. | 1.7 | 1 |
| 3 | Polymorphic Forms of Human Cytomegalovirus Glycoprotein O Protect against Neutralization of Fibroblast Entry by Antibodies Targeting Epitopes Defined by Glycoproteins H and L. Viruses, 2022, 14, 1508. | 1.5 | 1 |
| 4 | Functional Evaluation and Genetic Evolution of Human T-Cell Responses After Vaccination With a Conditionally Replication-Defective Cytomegalovirus Vaccine. Journal of Infectious Diseases, 2021, 223, 2001-2012. | 1.9 | 7 |
| 5 | Potent Bispecific Neutralizing Antibody Targeting Glycoprotein B and the gH/gL/pUL128/130/131 Complex of Human Cytomegalovirus. Antimicrobial Agents and Chemotherapy, 2021, 65, . | 1.4 | 10 |
| 6 | Generation of SARS-CoV-2 reporter replicon for high-throughput antiviral screening and testing. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 3.3 | 64 |
| 7 | A conditionally replication-defective cytomegalovirus vaccine elicits potent and diverse functional monoclonal antibodies in a phase I clinical trial. Npj Vaccines, 2021, 6, 79. | 2.9 | 19 |
| 8 | The Role of Congenital Cytomegalovirus Infection in Adverse Birth Outcomes: A Review of the Potential Mechanisms. Viruses, 2021, 13, 20. | 1.5 | 28 |
| 9 | Novel adjuvants enhance immune responses elicited by a replication-defective human cytomegalovirus vaccine in nonhuman primates. Vaccine, 2021, 39, 7446-7456. | 1.7 | 9 |
| 10 | Recognition of a highly conserved glycoprotein B epitope by a bivalent antibody neutralizing HCMV at a post-attachment step. PLoS Pathogens, 2020, 16, e1008736. | 2.1 | 17 |
| 11 | Specificity and effector functions of non-neutralizing gB-specific monoclonal antibodies isolated from healthy individuals with human cytomegalovirus infection. Virology, 2020, 548, 182-191. | 1.1 | 11 |
| 12 | Antibody binding to native cytomegalovirus glycoprotein B predicts efficacy of the gB/MF59 vaccine in humans. Science Translational Medicine, 2020, 12, . | 5.8 | 37 |
| 13 | The Status of Vaccine Development Against the Human Cytomegalovirus. Journal of Infectious Diseases, 2020, 221, S113-S122. | 1.9 | 73 |
| 14 | Modified mRNA/lipid nanoparticle-based vaccines expressing respiratory syncytial virus F protein variants are immunogenic and protective in rodent models of RSV infection. Npj Vaccines, 2020, 5, 16. | 2.9 | 109 |
| 15 | Phase 1 Clinical Trial of a Conditionally Replication-Defective Human Cytomegalovirus (CMV) Vaccine in CMV-Seronegative Subjects. Journal of Infectious Diseases, 2019, 220, 411-419. | 1.9 | 48 |
| 16 | Identification of adipocyte plasma membrane-associated protein as a novel modulator of human cytomegalovirus infection. PLoS Pathogens, 2019, 15, e1007914. | 2.1 | 13 |
| 17 | Neutralizing Monoclonal Antibodies Reduce Human Cytomegalovirus Infection and Spread in Developing Placentas. Vaccines, 2019, 7, 135. | 2.1 | 24 |
| 18 | A Replication-Defective Human Cytomegalovirus Vaccine Elicits Humoral Immune Responses Analogous to Those with Natural Infection. Journal of Virology, 2019, 93, . | 1.5 | 32 |

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|---|---|---|---|
| 19 | Targeting Human-Cytomegalovirus-Infected Cells by Redirecting T Cells Using an Anti-CD3/Anti-Glycoprotein B Bispecific Antibody. Antimicrobial Agents and Chemotherapy, 2018, 62, . | 1.4 | 15 |
| 20 | Neutralization of Diverse Human Cytomegalovirus Strains Conferred by Antibodies Targeting Viral gH/gL/pUL128-131 Pentameric Complex. Journal of Virology, 2017, 91, . | 1.5 | 60 |
| 21 | Functionally inactivated dominant viral antigens of human cytomegalovirus delivered in replication incompetent adenovirus type 6 vectors as vaccine candidates. Human Vaccines and Immunotherapeutics, 2017, 13, 2763-2771. | 1.4 | 4 |
| 22 | Impact of Antibodies and Strain Polymorphisms on Cytomegalovirus Entry and Spread in Fibroblasts and Epithelial Cells. Journal of Virology, 2017, 91, . | 1.5 | 35 |
| 23 | A Single-Dose Recombinant Parainfluenza Virus 5-Vectored Vaccine Expressing Respiratory Syncytial Virus (RSV) F or G Protein Protected Cotton Rats and African Green Monkeys from RSV Challenge. Journal of Virology, 2017, 91, . | 1.5 | 30 |
| 24 | Genetic Stability of Parainfluenza Virus 5-Vectored Human Respiratory Syncytial Virus Vaccine Candidates after In Vitro and In Vivo Passage. Journal of Virology, 2017, 91, . | 1.5 | 14 |
| 25 | Parainfluenza Virus 5 Expressing Wild-Type or Prefusion Respiratory Syncytial Virus (RSV) Fusion Protein Protects Mice and Cotton Rats from RSV Challenge. Journal of Virology, 2017, 91, . | 1.5 | 21 |
| 26 | Complement enhances in vitro neutralizing potency of antibodies to human cytomegalovirus glycoprotein B (gB) and immune sera induced by gB/MF59 vaccination. Npj Vaccines, 2017, 2, 36. | 2.9 | 39 |
| 27 | Active evolution of memory B-cells specific to viral gH/gL/pUL128/130/131 pentameric complex in healthy subjects with silent human cytomegalovirus infection. Oncotarget, 2017, 8, 73654-73669. | 0.8 | 28 |
| 28 | A replication-defective human cytomegalovirus vaccine for prevention of congenital infection. Science Translational Medicine, 2016, 8, 362ra145. | 5.8 | 87 |
| 29 | Functional analysis of human cytomegalovirus UL/bâ€² region using SCID-hu mouse model. Journal of Medical Virology, 2016, 88, 1417-1426. | 2.5 | 7 |
| 30 | Preclinical evaluations of peptide-conjugate vaccines targeting the antigenic domain-2 of glycoprotein B of human cytomegalovirus. Human Vaccines and Immunotherapeutics, 2016, 12, 2106-2112. | 1.4 | 20 |
| 31 | Soluble Human Cytomegalovirus gH/gL/pUL128â€“131 Pentameric Complex, but Not gH/gL, Inhibits Viral Entry to Epithelial Cells and Presents Dominant Native Neutralizing Epitopes. Journal of Biological Chemistry, 2015, 290, 15985-15995. | 1.6 | 40 |
| 32 | Progress on pursuit of human cytomegalovirus vaccines for prevention of congenital infection and disease. Vaccine, 2014, 32, 2525-2533. | 1.7 | 76 |
| 33 | Progress on human cytomegalovirus vaccines for prevention of congenital infection and disease. Current Opinion in Virology, 2014, 6, 13-23. | 2.6 | 36 |
| 34 | Pentameric complex of viral glycoprotein H is the primary target for potent neutralization by a human cytomegalovirus vaccine. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4997-5005. | 3.3 | 116 |
| 35 | Restoration of viral epithelial tropism improves immunogenicity in rabbits and rhesus macaques for a whole virion vaccine of human cytomegalovirus. Vaccine, 2012, 30, 7469-7474. | 1.7 | 61 |
| 36 | A novel high-throughput neutralization assay for supporting clinical evaluations of human cytomegalovirus vaccines. Vaccine, 2011, 29, 8350-8356. | 1.7 | 31 |

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|---|---|---|---|
| 37 | Quantitative analysis of neutralizing antibody response to human cytomegalovirus in natural infection. Vaccine, 2011, 29, 9075-9080. | 1.7 | 61 |
| 38 | Human cytomegalovirus suppresses type I interferon secretion by plasmacytoid dendritic cells through its interleukin 10 homolog. Virology, 2009, 390, 330-337. | 1.1 | 56 |
| 39 | Human cytomegalovirus uses two distinct pathways to enter retinal pigmented epithelial cells. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20037-20042. | 3.3 | 72 |
| 40 | Human cytomegalovirus virion protein complex required for epithelial and endothelial cell tropism. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 18153-18158. | 3.3 | 435 |
| 41 | Human Cytomegalovirus UL131 Open Reading Frame Is Required for Epithelial Cell Tropism. Journal of Virology, 2005, 79, 10330-10338. | 1.5 | 309 |
| 42 | Identification of Proteins in Human Cytomegalovirus (HCMV) Particles: the HCMV Proteome. Journal of Virology, 2004, 78, 10960-10966. | 1.5 | 521 |
| 43 | Human cytomegalovirus encodes a highly specific RANTES decoy receptor. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 16642-16647. | 3.3 | 110 |
| 44 | The VP1 N-Terminal Sequence of Canine Parvovirus Affects Nuclear Transport of Capsids and Efficient Cell Infection. Journal of Virology, 2002, 76, 1884-1891. | 1.5 | 125 |
| 45 | Canine and Feline Parvoviruses Can Use Human or Feline Transferrin Receptors To Bind, Enter, and Infect Cells. Journal of Virology, 2001, 75, 3896-3902. | 1.5 | 209 |
| 46 | A Heterogeneous Nuclear Ribonucleoprotein A/B-Related Protein Binds to Single-Stranded DNA near the 5â€² End or within the Genome of Feline Parvovirus and Can Modify Virus Replication. Journal of Virology, 1999, 73, 7761-7768. | 1.5 | 23 |
| 47 | Nonstructural Protein-2 and the Replication of Canine Parvovirus. Virology, 1998, 240, 273-281. | 1.1 | 53 |