# Weiming Yuan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4684365/publications.pdf

Version: 2024-02-01

| 25 | 1,437 | 430874 | 580821 |
|---|---|---|---|
| papers | citations | 18 h-index | 25 g-index |

| 37 | 37 | 37 | 2073 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Akt Kinase-Mediated Checkpoint of cGAS DNA Sensing Pathway. Cell Reports, 2015, 13, 440-449. | 6.4 | 160 |
| 2 | Kinetics and Cellular Site of Glycolipid Loading Control the Outcome of Natural Killer T Cell Activation. Immunity, 2009, 30, 888-898. | 14.3 | 159 |
| 3 | Herpes simplex virus evades natural killer T cell recognition by suppressing CD1d recycling. Nature Immunology, 2006, 7, 835-842. | 14.5 | 143 |
| 4 | Mathematical modeling of interaction between innate and adaptive immune responses in COVIDâ€19 and implications for viral pathogenesis. Journal of Medical Virology, 2020, 92, 1615-1628. | 5.0 | 130 |
| 5 | Transcriptional regulation of autophagy-lysosomal function in BRAF-driven melanoma progression and chemoresistance. Nature Communications, 2019, 10, 1693. | 12.8 | 119 |
| 6 | Saposin B is the dominant saposin that facilitates lipid binding to human CD1d molecules. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5551-5556. | 7.1 | 96 |
| 7 | Natural Lipid Ligands Associated with Human CD1d Targeted to Different Subcellular Compartments. Journal of Immunology, 2009, 182, 4784-4791. | 0.8 | 85 |
| 8 | A Viral Deamidase Targets the Helicase Domain of RIG-I to Block RNA-Induced Activation. Cell Host and Microbe, 2016, 20, 770-784. | 11.0 | 85 |
| 9 | Herpes Simplex Virus 1 Glycoprotein B and US3 Collaborate To Inhibit CD1d Antigen Presentation and NKT Cell Function. Journal of Virology, 2011, 85, 8093-8104. | 3.4 | 65 |
| 10 | SARS-CoV-2 Nsp5 Demonstrates Two Distinct Mechanisms Targeting RIG-I and MAVS To Evade the Innate Immune Response. MBio, 2021, 12, e0233521. | 4.1 | 57 |
| 11 | Î°B Kinase Îµ Is an NFATc1 Kinase that Inhibits T Cell Immune Response. Cell Reports, 2016, 16, 405-418. | 6.4 | 54 |
| 12 | Î±-GalCer and iNKT Cell-Based Cancer Immunotherapy: Realizing the Therapeutic Potentials. Frontiers in Immunology, 2019, 10, 1126. | 4.8 | 54 |
| 13 | Human CD1d knock-in mouse model demonstrates potent antitumor potential of human CD1d-restricted invariant natural killer T cells. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2963-2968. | 7.1 | 36 |
| 14 | A Novel Glycolipid Antigen for NKT Cells That Preferentially Induces IFN-Î³ Production. Journal of Immunology, 2015, 195, 924-933. | 0.8 | 28 |
| 15 | Herpes Simplex Virus 1 US3 Phosphorylates Cellular KIF3A To Downregulate CD1d Expression. Journal of Virology, 2015, 89, 6646-6655. | 3.4 | 27 |
| 16 | Dual Modifications of Î±-Galactosylceramide Synergize to Promote Activation of Human Invariant Natural Killer T Cells and Stimulate Anti-tumor Immunity. Cell Chemical Biology, 2018, 25, 571-584.e8. | 5.2 | 27 |
| 17 | Improving Mycobacterium bovis Bacillus Calmette-GuÃ¨rin as a Vaccine Delivery Vector for Viral Antigens by Incorporation of Glycolipid Activators of NKT Cells. PLoS ONE, 2014, 9, e108383. | 2.5 | 24 |
| 18 | Herpes simplex virus downregulation of secretory leukocyte protease inhibitor enhances human papillomavirus type 16 infection. Journal of General Virology, 2016, 97, 422-434. | 2.9 | 21 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Global profiling reveals common and distinct N6-methyladenosine (m6A) regulation of innate immune responses during bacterial and viral infections. Cell Death and Disease, 2022, 13, 234. | 6.3 | 16 |
| 20 | Editorial: NKT Cells in Cancer Immunotherapy. Frontiers in Immunology, 2020, 11, 1314. | 4.8 | 15 |
| 21 | A Subset of CD8Î±Î²+ Invariant NKT Cells in a Humanized Mouse Model. Journal of Immunology, 2015, 195, 1459-1469. | 0.8 | 11 |
| 22 | Herpes Simplex Virus 1 Specifically Targets Human CD1d Antigen Presentation To Enhance Its Pathogenicity. Journal of Virology, 2018, 92, . | 3.4 | 10 |
| 23 | Comment on â€œCentral Nervous System Involvement by Severe Acute Respiratory Syndrome Coronavirus â€2 (SARSâ€CoVâ€2)â€. Journal of Medical Virology, 2020, 92, 1399-1400. | 5.0 | 9 |
| 24 | Exploring the Therapeutic Potentials of iNKT Cells for Anti-HBV Treatment. Pathogens, 2014, 3, 563-576. | 2.8 | 4 |
| 25 | Humanizing mice for the identification of novel anticancer lipids targeting iNKT cells. OncoImmunology, 2013, 2, e25475. | 4.6 | 2 |