

Takeshi Satoh

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23
papers

1,297
citations

16
h-index

27
g-index

27
ext. papers

1,533
ext. citations

13.7
avg, IF

3.66
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 23 | The capsids of HIV-1 and HIV-2 determine immune detection of the viral cDNA by the innate sensor cGAS in dendritic cells. <i>Immunity</i> , 2013 , 39, 1132-42 | 32.3 | 257 |
| 22 | PILRalpha is a herpes simplex virus-1 entry coreceptor that associates with glycoprotein B. <i>Cell</i> , 2008 , 132, 935-44 | 56.2 | 220 |
| 21 | Transmission of innate immune signaling by packaging of cGAMP in viral particles. <i>Science</i> , 2015 , 349, 1232-6 | 33.3 | 172 |
| 20 | B-RAF mutant alleles associated with Langerhans cell histiocytosis, a granulomatous pediatric disease. <i>PLoS ONE</i> , 2012 , 7, e33891 | 3.7 | 115 |
| 19 | Myelin-associated glycoprotein mediates membrane fusion and entry of neurotropic herpesviruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 866-71 | 11.5 | 110 |
| 18 | Immune evasion of Plasmodium falciparum by RIFIN via inhibitory receptors. <i>Nature</i> , 2017 , 552, 101-105 | 50.4 | 76 |
| 17 | Binding of herpes simplex virus glycoprotein B (gB) to paired immunoglobulin-like type 2 receptor alpha depends on specific sialylated O-linked glycans on gB. <i>Journal of Virology</i> , 2009 , 83, 13042-5 | 6.6 | 47 |
| 16 | An essential role of sialylated O-linked sugar chains in the recognition of mouse CD99 by paired Ig-like type 2 receptor (PILR). <i>Journal of Immunology</i> , 2008 , 180, 1686-93 | 5.3 | 31 |
| 15 | Combinatorial flexibility of cytokine function during human T helper cell differentiation. <i>Nature Communications</i> , 2014 , 5, 3987 | 17.4 | 30 |
| 14 | Characterization of a novel low-molecular-mass dual-specificity phosphatase-3 (LDP-3) that enhances activation of JNK and p38. <i>Biochemical Journal</i> , 2004 , 383, 447-55 | 3.8 | 30 |
| 13 | Structural basis for simultaneous recognition of an O-glycan and its attached peptide of mucin family by immune receptor PILR. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 8877-82 | 11.5 | 29 |
| 12 | Nuclear Envelope Protein SUN2 Promotes Cyclophilin-A-Dependent Steps of HIV Replication. <i>Cell Reports</i> , 2016 , 15, 879-892 | 10.6 | 28 |
| 11 | Effects of long-term intake of a yogurt fermented with Lactobacillus delbrueckii subsp. bulgaricus 2038 and Streptococcus thermophilus 1131 on mice. <i>International Immunology</i> , 2018 , 30, 319-331 | 4.9 | 26 |
| 10 | Differential effects on cell fusion activity of mutations in herpes simplex virus 1 glycoprotein B (gB) dependent on whether a gD receptor or a gB receptor is overexpressed. <i>Journal of Virology</i> , 2009 , 83, 7384-90 | 6.6 | 23 |
| 9 | Metagenome Data on Intestinal Phage-Bacteria Associations Aids the Development of Phage Therapy against Pathobionts. <i>Cell Host and Microbe</i> , 2020 , 28, 380-389.e9 | 23.4 | 19 |
| 8 | Characterization of a novel low-molecular-mass dual specificity phosphatase-4 (LDP-4) expressed in brain. <i>Molecular and Cellular Biochemistry</i> , 2007 , 296, 177-84 | 4.2 | 16 |
| 7 | A novel low-molecular-mass dual-specificity phosphatase, LDP-2, with a naturally occurring substitution that affects substrate specificity. <i>Journal of Biochemistry</i> , 2002 , 132, 463-70 | 3.1 | 16 |

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| 6 | HSV-1 infection through inhibitory receptor, PILRalpha. <i>Virus</i> , 2008 , 58, 27-36 | 0.1 | 14 |
| 5 | Intestinal microbiota link lymphopenia to murine autoimmunity via PD-1CXCR5 B-helper T cell induction. <i>Scientific Reports</i> , 2017 , 7, 46037 | 4.9 | 11 |
| 4 | Gene transduction in human monocyte-derived dendritic cells using lentiviral vectors. <i>Methods in Molecular Biology</i> , 2013 , 960, 401-409 | 1.4 | 10 |
| 3 | Generation of tumor antigen-specific murine CD8+ T cells with enhanced anti-tumor activity via highly efficient CRISPR/Cas9 genome editing. <i>International Immunology</i> , 2018 , 30, 141-154 | 4.9 | 7 |
| 2 | Oral MucoRice-CTB vaccine for safety and microbiota-dependent immunogenicity in humans: a phase 1 randomised trial.. <i>Lancet Microbe</i> , 2021 , 2, e429-e440 | 22.2 | 6 |
| 1 | Single-cell analysis reveals divergent responses of human dendritic cells to the MVA vaccine. <i>Science Signaling</i> , 2021 , 14, | 8.8 | 2 |