

# Takanori So

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

3,116  
citations

172457

29  
h-index

161849

54  
g-index

67  
all docs

67  
docs citations

67  
times ranked

4475  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | The immunological significance of tumor necrosis factor receptor-associated factors (TRAFs). <i>International Immunology</i> , 2022, 34, 7-20.  | 4.0 | 19        |
| 2  | TNF Receptor-Associated Factor 5 Limits IL-27 Receptor Signaling in CD4+ T Lymphocytes. <i>Journal of Immunology</i> , 2022, , j12001358.   | 0.8 | 5         |
| 3  | Bone marrow transplantation into <i>Abcd1</i> -deficient mice: Distribution of donor derived cells and biological characterization of the brain of the recipient mice. <i>Journal of Inherited Metabolic Disease</i> , 2021, 44, 718-727. | 3.6 | 1         |
| 4  | The lysosomal protein ABCD4 can transport vitamin B12 across liposomal membranes <i>in vitro</i> . <i>Journal of Biological Chemistry</i> , 2021, 296, 100654.  | 3.4 | 15        |
| 5  | Generation of an immortalized astrocytic cell line from <i>Abcd1</i> -deficient H-2Kb <sup>s</sup> A58 mice to facilitate the study of the role of astrocytes in X-linked adrenoleukodystrophy. <i>Heliyon</i> , 2021, 7, e06228.         | 3.2 | 6         |
| 6  | Functional Analysis of the Transcriptional Regulator $\beta$ - $\text{cat}$ in Intestinal Homeostasis. <i>Digestive Diseases and Sciences</i> , 2021, , 1.  | 2.3 | 0         |
| 7  | Acyl-CoA thioesterase activity of peroxisomal ABC protein ABCD1 is required for the transport of very long-chain acyl-CoA into peroxisomes. <i>Scientific Reports</i> , 2021, 11, 2192.   | 3.3 | 16        |
| 8  | TRAF5 promotes plasmacytoid dendritic cell development from bone marrow progenitors. <i>Biochemical and Biophysical Research Communications</i> , 2020, 521, 353-359.   | 2.1 | 2         |
| 9  | IQGAP1 restrains T cell cosignaling mediated by OX40. <i>FASEB Journal</i> , 2020, 34, 540-554.   | 0.5 | 9         |
| 10 | IQ motif-containing GTPase-activating protein 1 is essential for the optimal maintenance of lung ILC2s. <i>International Immunology</i> , 2020, 32, 233-241.  | 4.0 | 0         |
| 11 | GITR controls intestinal inflammation by suppressing IL-15-dependent NK cell activity. <i>FASEB Journal</i> , 2020, 34, 14820-14831.  | 0.5 | 8         |
| 12 | Biallelic variants/mutations of <i>IL1RAP</i> in patients with steroid-sensitive nephrotic syndrome. <i>International Immunology</i> , 2020, 32, 283-292.   | 4.0 | 3         |
| 13 | TRAF5 Deficiency Ameliorates the Severity of Dextran Sulfate Sodium Colitis by Decreasing TRAF2 Expression in Nonhematopoietic Cells. <i>ImmunoHorizons</i> , 2020, 4, 129-139.   | 1.8 | 1         |
| 14 | TNF Receptor-Associated Factor 5 Limits Function of Plasmacytoid Dendritic Cells by Controlling IFN Regulatory Factor 5 Expression. <i>Journal of Immunology</i> , 2019, 203, 1447-1456.  | 0.8 | 6         |
| 15 | The TNF-TNFR Family of Co-signal Molecules. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1189, 53-84.   | 1.6 | 90        |
| 16 | TRAF2 and TRAF5 associated with the signal transducing receptor gp130 limit IL-6-driven transphosphorylation of JAK1 through the inhibition of proximal JAK-JAK interaction. <i>International Immunology</i> , 2018, 30, 291-299.         | 4.0 | 6         |
| 17 | GITR cosignaling in ILC2s controls allergic lung inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1939-1943.e8.   | 2.9 | 49        |
| 18 | TNF receptor associated factor 5 controls oncostatin M-mediated lung inflammation. <i>Biochemical and Biophysical Research Communications</i> , 2018, 499, 544-550.   | 2.1 | 6         |

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|----|--|------|-----------|
| 19 | Regulation of Interleukin-6 Receptor Signaling by TNF Receptor-Associated Factor 2 and 5 During Differentiation of Inflammatory CD4 <sup>+</sup> T Cells. <i>Frontiers in Immunology</i> , 2018, 9, 1986.  | 4.8  | 17        |
| 20 | Mesenteric lymph nodes contribute to proinflammatory Th17 cell generation during inflammation of the small intestine in mice. <i>European Journal of Immunology</i> , 2016, 46, 1119-1131.   | 2.9  | 21        |
| 21 | TNFR-Associated Factors 2 and 5 Differentially Regulate the Instructive IL-6 Receptor Signaling Required for Th17 Development. <i>Journal of Immunology</i> , 2016, 196, 4082-4089.  | 0.8  | 24        |
| 22 | Relationship between the magnitude of IgE production in mice and conformational stability of the house dust mite allergen, Der p 2. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 2279-2284.   | 2.4  | 7         |
| 23 | TNF Receptor-Associated Factor (TRAF) Signaling Network in CD4 <sup>+</sup> T-Lymphocytes. <i>Tohoku Journal of Experimental Medicine</i> , 2015, 236, 139-154.  | 1.2  | 34        |
| 24 | OX40 ligand expressed in glioblastoma modulates adaptive immunity depending on the microenvironment: a clue for successful immunotherapy. <i>Molecular Cancer</i> , 2015, 14, 41.  | 19.2 | 35        |
| 25 | OX40 and IL-7 play synergistic roles in the homeostatic proliferation of effector memory CD4 <sup>+</sup> T cells. <i>European Journal of Immunology</i> , 2014, 44, 3015-3025.  | 2.9  | 28        |
| 26 | The adaptor TRAF5 limits the differentiation of inflammatory CD4 <sup>+</sup> T cells by antagonizing signaling via the receptor for IL-6. <i>Nature Immunology</i> , 2014, 15, 449-456.   | 14.5 | 38        |
| 27 | Activation of Notch1 promotes development of human CD8 <sup>+</sup> single positive T cells in humanized mice. <i>Biochemical and Biophysical Research Communications</i> , 2014, 447, 346-351.  | 2.1  | 7         |
| 28 | Homeostatic Proliferation of Naive CD4 <sup>+</sup> T Cells in Mesenteric Lymph Nodes Generates Gut-Tropic Th17 Cells. <i>Journal of Immunology</i> , 2013, 190, 5788-5798.  | 0.8  | 42        |
| 29 | Regulation of PI-3-Kinase and Akt Signaling in T Lymphocytes and Other Cells by TNFR Family Molecules. <i>Frontiers in Immunology</i> , 2013, 4, 139.  | 4.8  | 102       |
| 30 | Y Chromosome-Linked B and NK Cell Deficiency in Mice. <i>Journal of Immunology</i> , 2013, 190, 6209-6220.   | 0.8  | 20        |
| 31 | Gene Therapy Model of X-linked Severe Combined Immunodeficiency Using a Modified Foamy Virus Vector. <i>PLoS ONE</i> , 2013, 8, e71594.  | 2.5  | 6         |
| 32 | Regulation of the PKC $\zeta$ -NF- $\kappa$ B Axis in T Lymphocytes by the Tumor Necrosis Factor Receptor Family Member OX40. <i>Frontiers in Immunology</i> , 2012, 3, 133.   | 4.8  | 16        |
| 33 | Herpesvirus entry mediator (TNFRSF14) regulates the persistence of T helper memory cell populations. <i>Journal of Experimental Medicine</i> , 2011, 208, 797-809.   | 8.5  | 72        |
| 34 | Inducible CD4 <sup>+</sup> LAP <sup>+</sup> Foxp3 <sup>+</sup> Regulatory T Cells Suppress Allergic Inflammation. <i>Journal of Immunology</i> , 2011, 187, 6499-6507.   | 0.8  | 59        |
| 35 | Antigen-independent signalosome of CARMA1, PKC $\zeta$ , and TNF receptor-associated factor 2 (TRAF2) determines NF- $\kappa$ B signaling in T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2903-2908. | 7.1  | 49        |
| 36 | OX40 Complexes with Phosphoinositide 3-Kinase and Protein Kinase B (PKB) To Augment TCR-Dependent PKB Signaling. <i>Journal of Immunology</i> , 2011, 186, 3547-3555.  | 0.8  | 73        |

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|----|---|------|-----------|
| 37 | A Protein's Conformational Stability Is an Immunologically Dominant Factor: Evidence That Free-Energy Barriers for Protein Unfolding Limit the Immunogenicity of Foreign Proteins. <i>Journal of Immunology</i> , 2010, 185, 4199-4205. | 0.8  | 52        |
| 38 | The significance of OX40 and OX40L to T cell biology and immune disease. <i>Immunological Reviews</i> , 2009, 229, 173-191.   | 6.0  | 461       |
| 39 | Immune regulation and control of regulatory T cells by OX40 and 4-1BB. <i>Cytokine and Growth Factor Reviews</i> , 2008, 19, 253-262.   | 7.2  | 118       |
| 40 | Identification of regulatory functions for 4-1BB and 4-1BBL in myelopoiesis and the development of dendritic cells. <i>Nature Immunology</i> , 2008, 9, 917-926.  | 14.5 | 82        |
| 41 | Antagonism of Airway Tolerance by Endotoxin/Lipopolysaccharide through Promoting OX40L and Suppressing Antigen-Specific Foxp3+ T Regulatory Cells. <i>Journal of Immunology</i> , 2008, 181, 8650-8659.                                 | 0.8  | 65        |
| 42 | Activation of NF- $\kappa$ B1 by OX40 Contributes to Antigen-Driven T Cell Expansion and Survival. <i>Journal of Immunology</i> , 2008, 180, 7240-7248.   | 0.8  | 110       |
| 43 | Cutting Edge: OX40 Inhibits TGF- $\beta$ 2- and Antigen-Driven Conversion of Naive CD4 T Cells into CD25+Foxp3+ T cells. <i>Journal of Immunology</i> , 2007, 179, 1427-1430.   | 0.8  | 187       |
| 44 | The kinases aurora B and mTOR regulate the G1/S cell cycle progression of T lymphocytes. <i>Nature Immunology</i> , 2007, 8, 64-73.   | 14.5 | 125       |
| 45 | Tumor Necrosis Factor/Tumor Necrosis Factor Receptor Family Members That Positively Regulate Immunity. <i>International Journal of Hematology</i> , 2006, 83, 1-11.   | 1.6  | 86        |
| 46 | Signals from OX40 regulate nuclear factor of activated T cells c1 and T cell helper 2 lineage commitment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 3740-3745.                | 7.1  | 106       |
| 47 | Impaired IL-4 and c-Maf expression and enhanced Th1-cell development in Vav1-deficient mice. <i>Blood</i> , 2005, 106, 1286-1295.   | 1.4  | 49        |
| 48 | Protein Kinase C $\delta$ Controls Th1 Cells in Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2005, 175, 7635-7641.   | 0.8  | 101       |
| 49 | Sustained Survivin Expression from OX40 Costimulatory Signals Drives T Cell Clonal Expansion. <i>Immunity</i> , 2005, 22, 621-631.  | 14.3 | 217       |
| 50 | Differential Regulation of Th2 and Th1 Lung Inflammatory Responses by Protein Kinase C $\delta$ . <i>Journal of Immunology</i> , 2004, 173, 6440-6447.  | 0.8  | 121       |
| 51 | TNF Receptor-Associated Factor 5 Limits the Induction of Th2 Immune Responses. <i>Journal of Immunology</i> , 2004, 172, 4292-4297.   | 0.8  | 54        |
| 52 | Determination of the complete cDNA sequence, construction of expression systems, and elucidation of fibrinolytic activity for <i>Tapes japonica</i> lysozyme. <i>Protein Expression and Purification</i> , 2004, 36, 254-262.           | 1.3  | 28        |
| 53 | Immunodominance of conformation-dependent B-cell epitopes of protein antigens. <i>Biochemical and Biophysical Research Communications</i> , 2003, 308, 770-776.   | 2.1  | 31        |
| 54 | B-cell repertoire specific for an unfolded self-determinant of mouse lysozyme escape tolerance and dominantly participate in the autoantibody response. <i>Immunology</i> , 2002, 107, 394-402.   | 4.4  | 2         |

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|----|---|-----|-----------|
| 55 | A single amino acid substitution in a self protein is sufficient to trigger autoantibody response. <i>Molecular Immunology</i> , 2001, 38, 375-381.   | 2.2 | 10        |
| 56 | Contribution of conformational stability of hen lysozyme to induction of type 2 T-helper immune responses. <i>Immunology</i> , 2001, 104, 259-268.  | 4.4 | 36        |
| 57 | Mutant Mouse Lysozyme Carrying a Minimal T Cell Epitope of Hen Egg Lysozyme Evokes High Autoantibody Response. <i>Journal of Immunology</i> , 2000, 165, 3606-3611.   | 0.8 | 12        |
| 58 | Remarkable thermal stability of doubly intramolecularly cross-linked hen lysozyme. <i>Protein Engineering, Design and Selection</i> , 2000, 13, 193-196.  | 2.1 | 21        |
| 59 | The molecular weight ratio of monomethoxypolyethylene glycol (mPEG) to protein determines the immunotolerogenicity of mPEG proteins. <i>Protein Engineering, Design and Selection</i> , 1999, 12, 701-705.  | 2.1 | 17        |
| 60 | Extended blood half-life of monomethoxypolyethylene glycol-conjugated hen lysozyme is a key parameter controlling immunological tolerogenicity. <i>Cellular and Molecular Life Sciences</i> , 1999, 55, 1187.   | 5.4 | 14        |
| 61 | Tolerogenic activity of polyethylene glycol-conjugated lysozyme distinct from that of the native counterpart. <i>Immunology</i> , 1998, 93, 200-207.  | 4.4 | 10        |
| 62 | Depression of T-cell Epitope Generation by Stabilizing Hen Lysozyme. <i>Journal of Biological Chemistry</i> , 1997, 272, 32136-32140.   | 3.4 | 52        |
| 63 | Favourable interaction between heavy and light chains arrests the undesirable oligomerization of heavy chains in the refolding of denatured and reduced immunoglobulin G. <i>Cellular and Molecular Life Sciences</i> , 1997, 53, 929.                            | 5.4 | 2         |
| 64 | Prevention of collagen-induced arthritis (CIA) by treatment with polyethylene glycol-conjugated type II collagen; distinct tolerogenic property of the conjugated collagen from the native one. <i>Clinical and Experimental Immunology</i> , 1997, 108, 213-219. | 2.6 | 20        |
| 65 | Situation of Monomethoxypolyethylene Glycol Covalently Attached to Lysozyme. <i>Journal of Biochemistry</i> , 1996, 119, 1086-1093.   | 1.7 | 13        |
| 66 | Reduced immunogenicity of monomethoxypolyethylene glycol-modified lysozyme for activation of T cells. <i>Immunology Letters</i> , 1996, 49, 91-97.  | 2.5 | 22        |