

# Jun-Ichiro Inoue

## List of Publications by Year in Descending Order

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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.

111  
papers

12,353  
citations

40  
h-index

111  
g-index

118  
ext. papers

13,522  
ext. citations

8  
avg, IF

5.63  
L-index

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 111 | The membrane-linked adaptor FRS2 $\beta$ fashions a cytokine-rich inflammatory microenvironment that promotes breast cancer carcinogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,                   | 11.5 | 2         |
| 110 | Pharmacological inhibition of Mint3 attenuates tumour growth, metastasis, and endotoxic shock. <i>Communications Biology</i> , <b>2021</b> , 4, 1165  | 6.7  | 1         |
| 109 | Mint3 depletion-mediated glycolytic and oxidative alterations promote pyroptosis and prevent the spread of <i>Listeria monocytogenes</i> infection in macrophages. <i>Cell Death and Disease</i> , <b>2021</b> , 12, 404  | 9.8  | 3         |
| 108 | TNF receptor-associated factor 6 (TRAF6) plays crucial roles in multiple biological systems through polyubiquitination-mediated NF- $\kappa$ B activation. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , <b>2021</b> , 97, 145-160 | 4    | 6         |
| 107 | Discovery of New Fusion Inhibitor Peptides against SARS-CoV-2 by Targeting the Spike S2 Subunit. <i>Biomolecules and Therapeutics</i> , <b>2021</b> , 29, 282-289   | 4.2  | 13        |
| 106 | Discovery of New Potent anti-MERS CoV Fusion Inhibitors. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 685161  | 5.6  | 4         |
| 105 | Signaling Networks Involved in the Malignant Transformation of Breast Cancer. <i>Springer Proceedings in Mathematics and Statistics</i> , <b>2021</b> , 242-252   | 0.2  |           |
| 104 | (4-Hydroxyphenyl) Retinamide Suppresses SARS-CoV-2 Spike Protein-Mediated Cell-Cell Fusion by a Dihydroceramide $\Delta$ -Desaturase 1-Independent Mechanism. <i>Journal of Virology</i> , <b>2021</b> , 95, e0080721   | 6.6  | 1         |
| 103 | The Anticoagulant Nafamostat Potently Inhibits SARS-CoV-2 S Protein-Mediated Fusion in a Cell Fusion Assay System and Viral Infection In Vitro in a Cell-Type-Dependent Manner. <i>Viruses</i> , <b>2020</b> , 12,  | 6.2  | 135       |
| 102 | EXOSC9 depletion attenuates P-body formation, stress resistance, and tumorigenicity of cancer cells. <i>Scientific Reports</i> , <b>2020</b> , 10, 9275   | 4.9  | 10        |
| 101 | Structural analysis of TIFA: Insight into TIFA-dependent signal transduction in innate immunity. <i>Scientific Reports</i> , <b>2020</b> , 10, 5152   | 4.9  | 3         |
| 100 | System-Wide Analysis of Protein Acetylation and Ubiquitination Reveals a Diversified Regulation in Human Cancer Cells. <i>Biomolecules</i> , <b>2020</b> , 10,  | 5.9  | 6         |
| 99  | TIFAB Regulates USP15-Mediated p53 Signaling during Stressed and Malignant Hematopoiesis. <i>Cell Reports</i> , <b>2020</b> , 30, 2776-2790.e6  | 10.6 | 11        |
| 98  | The Antimalarial Compound Atovaquone Inhibits Zika and Dengue Virus Infection by Blocking E Protein-Mediated Membrane Fusion. <i>Viruses</i> , <b>2020</b> , 12,  | 6.2  | 4         |
| 97  | Small Molecule Inhibitors of Middle East Respiratory Syndrome Coronavirus Fusion by Targeting Cavities on Heptad Repeat Trimers. <i>Biomolecules and Therapeutics</i> , <b>2020</b> , 28, 311-319   | 4.2  | 10        |
| 96  | Mint3 depletion restricts tumor malignancy of pancreatic cancer cells by decreasing SKP2 expression via HIF-1. <i>Oncogene</i> , <b>2020</b> , 39, 6218-6230  | 9.2  | 9         |
| 95  | TRAF6 maintains mammary stem cells and promotes pregnancy-induced mammary epithelial cell expansion. <i>Communications Biology</i> , <b>2019</b> , 2, 292   | 6.7  | 9         |

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|----|--|------|-----|
| 94 | Cell-cell and virus-cell fusion assay-based analyses of alanine insertion mutants in the distal portion of the JRFL gp41 subunit from HIV-1. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 5677-5687   | 5.4  | 16  |
| 93 | Minimum structural requirements for inhibitors of the zinc finger protein TRAF6. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2019</b> , 29, 2162-2167   | 2.9  | 10  |
| 92 | Impact of spaceflight on the murine thymus and mitigation by exposure to artificial gravity during spaceflight. <i>Scientific Reports</i> , <b>2019</b> , 9, 19866   | 4.9  | 13  |
| 91 | Critical roles of I $\kappa$ B and RelA phosphorylation in transitional oscillation in NF- $\kappa$ B signaling module. <i>Journal of Theoretical Biology</i> , <b>2019</b> , 462, 479-489   | 2.3  | 6   |
| 90 | BI-2536 and BI-6727, dual Polo-like kinase/bromodomain inhibitors, effectively reactivate latent HIV-1. <i>Scientific Reports</i> , <b>2018</b> , 8, 3521  | 4.9  | 22  |
| 89 | Molecular mechanisms of <i>Streptococcus pneumoniae</i> -targeted autophagy via pneumolysin, Golgi-resident Rab41, and Nedd4-1-mediated K63-linked ubiquitination. <i>Cellular Microbiology</i> , <b>2018</b> , 20, e12846   | 3.9  | 19  |
| 88 | Dok-3 and Dok-1/-2 adaptors play distinctive roles in cell fusion and proliferation during osteoclastogenesis and cooperatively protect mice from osteopenia. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 498, 967-974                      | 3.4  | 4   |
| 87 | Six-helix bundle completion in the distal C-terminal heptad repeat region of gp41 is required for efficient human immunodeficiency virus type 1 infection. <i>Retrovirology</i> , <b>2018</b> , 15, 27   | 3.6  | 3   |
| 86 | Fbxo22-mediated KDM4B degradation determines selective estrogen receptor modulator activity in breast cancer. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 5603-5619  | 15.9 | 26  |
| 85 | Basal autophagy prevents autoactivation or enhancement of inflammatory signals by targeting monomeric MyD88. <i>Scientific Reports</i> , <b>2017</b> , 7, 1009   | 4.9  | 14  |
| 84 | Chemical Synthesis of d-glycero-d-manno-Heptose 1,7-Bisphosphate and Evaluation of Its Ability to Modulate NF- $\kappa$ B Activation. <i>Organic Letters</i> , <b>2017</b> , 19, 3079-3082   | 6.2  | 17  |
| 83 | Intratumoral bidirectional transitions between epithelial and mesenchymal cells in triple-negative breast cancer. <i>Cancer Science</i> , <b>2017</b> , 108, 1210-1222   | 6.9  | 15  |
| 82 | HTLV-1 Tax Induces Formation of the Active Macromolecular IKK Complex by Generating Lys63- and Met1-Linked Hybrid Polyubiquitin Chains. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006162   | 7.6  | 26  |
| 81 | A Dithiol Compound Binds to the Zinc Finger Protein TRAF6 and Suppresses Its Ubiquitination. <i>ChemMedChem</i> , <b>2017</b> , 12, 1935-1941  | 3.7  | 16  |
| 80 | - regulatory axis controls autoimmunity and myelopoiesis, but is dispensable for hematopoietic stem cell homeostasis and tumor suppression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E7140-E7149        | 11.5 | 38  |
| 79 | Identification of Nafamostat as a Potent Inhibitor of Middle East Respiratory Syndrome Coronavirus S Protein-Mediated Membrane Fusion Using the Split-Protein-Based Cell-Cell Fusion Assay. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2016</b> , 60, 6532-6539     | 5.9  | 238 |
| 78 | Integrative Network Analysis Combined with Quantitative Phosphoproteomics Reveals Transforming Growth Factor-beta Receptor type-2 (TGFBR2) as a Novel Regulator of Glioblastoma Stem Cell Properties. <i>Molecular and Cellular Proteomics</i> , <b>2016</b> , 15, 1017-31 | 7.6  | 13  |
| 77 | Identification of embryonic precursor cells that differentiate into thymic epithelial cells expressing autoimmune regulator. <i>Journal of Experimental Medicine</i> , <b>2016</b> , 213, 1441-58  | 16.6 | 23  |

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|----|--|------|-----|
| 76 | Regional regulation of Filiform tongue papillae development by Ikk1/Irf6. <i>Developmental Dynamics</i> , <b>2016</b> , 245, 937-46  | 2.9  | 3   |
| 75 | Quantitative phosphoproteomics-based molecular network description for high-resolution kinase-substrate interactome analysis. <i>Bioinformatics</i> , <b>2016</b> , 32, 2083-8   | 7.2  | 15  |
| 74 | Interaction of Tumor Necrosis Factor Receptor-associated Factor 6 (TRAF6) and Vav3 in the Receptor Activator of Nuclear Factor $\kappa$ B (RANK) Signaling Complex Enhances Osteoclastogenesis. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 20643-60 | 5.4  | 12  |
| 73 | Loss of Tifab, a del(5q) MDS gene, alters hematopoiesis through derepression of Toll-like receptor-TRAF6 signaling. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 1967-85   | 16.6 | 65  |
| 72 | Tropomodulin 1 expression driven by NF- $\kappa$ B enhances breast cancer growth. <i>Cancer Research</i> , <b>2015</b> , 75, 62-72   | 10.1 | 22  |
| 71 | Catalytic subunits of the phosphatase calcineurin interact with NF- $\kappa$ B-inducing kinase (NIK) and attenuate NIK-dependent gene expression. <i>Scientific Reports</i> , <b>2015</b> , 5, 10758   | 4.9  | 11  |
| 70 | Hypergravity Provokes a Temporary Reduction in CD4+CD8+ Thymocyte Number and a Persistent Decrease in Medullary Thymic Epithelial Cell Frequency in Mice. <i>PLoS ONE</i> , <b>2015</b> , 10, e0141650   | 3.7  | 5   |
| 69 | Visualization of RelB expression and activation at the single-cell level during dendritic cell maturation in Relb-Venus knock-in mice. <i>Journal of Biochemistry</i> , <b>2015</b> , 158, 485-95  | 3.1  | 9   |
| 68 | Structures of CYLD USP with Met1- or Lys63-linked diubiquitin reveal mechanisms for dual specificity. <i>Nature Structural and Molecular Biology</i> , <b>2015</b> , 22, 222-9   | 17.6 | 84  |
| 67 | NF- $\kappa$ B Signaling in Osteoclastogenesis <b>2015</b> , 197-210   |      | 1   |
| 66 | Potential Roles of Spatial Parameters in the Regulation of NF- $\kappa$ B Oscillations, as Revealed by Computer Simulations <b>2015</b> , 63-75  |      | 1   |
| 65 | Mitochondria-nucleus shuttling FK506-binding protein 51 interacts with TRAF proteins and facilitates the RIG-I-like receptor-mediated expression of type I IFN. <i>PLoS ONE</i> , <b>2014</b> , 9, e95992  | 3.7  | 23  |
| 64 | Limitation of immune tolerance-inducing thymic epithelial cell development by Spi-B-mediated negative feedback regulation. <i>Journal of Experimental Medicine</i> , <b>2014</b> , 211, 2425-38  | 16.6 | 46  |
| 63 | NF- $\kappa$ B non-cell-autonomously regulates cancer stem cell populations in the basal-like breast cancer subtype. <i>Nature Communications</i> , <b>2013</b> , 4, 2299  | 17.4 | 131 |
| 62 | Cell growth control by stable Rbg2/Gir2 complex formation under amino acid starvation. <i>Genes To Cells</i> , <b>2013</b> , 18, 859-72  | 2.3  | 8   |
| 61 | Involvement of A20 in the molecular switch that activates the non-canonical NF- $\kappa$ B pathway. <i>Scientific Reports</i> , <b>2013</b> , 3, 2568  | 4.9  | 41  |
| 60 | Deletion Of Tifab, a Novel Candidate Gene On Chromosome 5q, Results In Hematopoietic Defects By Changing The Dynamic Range Of Innate Immune Pathway Activation. <i>Blood</i> , <b>2013</b> , 122, 102-102  | 2.2  |     |
| 59 | cIAP1/2 negatively regulate RANKL-induced osteoclastogenesis through the inhibition of NFATc1 expression. <i>Genes To Cells</i> , <b>2012</b> , 17, 971-81   | 2.3  | 6   |

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|----|---|------|-----|
| 58 | p47 negatively regulates IKK activation by inducing the lysosomal degradation of polyubiquitinated NEMO. <i>Nature Communications</i> , <b>2012</b> , 3, 1061   | 17.4 | 40  |
| 57 | Identification and characterization of anti-osteoclastogenic peptides derived from the cytoplasmic tail of receptor activator of nuclear factor kappa B. <i>Journal of Bone and Mineral Metabolism</i> , <b>2012</b> , 30, 543-53                 | 2.9  | 6   |
| 56 | Roles of spatial parameters on the oscillation of nuclear NF- $\kappa$ B: computer simulations of a 3D spherical cell. <i>PLoS ONE</i> , <b>2012</b> , 7, e46911  | 3.7  | 12  |
| 55 | ErbB receptor tyrosine kinase/NF- $\kappa$ B signaling controls mammosphere formation in human breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 6584-9                  | 11.5 | 83  |
| 54 | Splenic extramedullary hemopoiesis caused by a dysfunctional mutation in the NF- $\kappa$ B-inducing kinase gene. <i>Biochemical and Biophysical Research Communications</i> , <b>2011</b> , 414, 773-8   | 3.4  | 7   |
| 53 | An artificial copper complex incorporating a cell-penetrating peptide inhibits nuclear factor- $\kappa$ B (NF- $\kappa$ B) activation. <i>Chemical and Pharmaceutical Bulletin</i> , <b>2011</b> , 59, 1555-8                                     | 1.9  | 12  |
| 52 | TRAF6 negatively regulates the Jak1-Erk pathway in interleukin-2 signaling. <i>Genes To Cells</i> , <b>2011</b> , 16, 179-89  | 2.3  | 17  |
| 51 | TRAF6 directs commitment to regulatory T cells in thymocytes. <i>Genes To Cells</i> , <b>2011</b> , 16, 437-47  | 2.3  | 31  |
| 50 | Activation of the I $\kappa$ B kinase complex by HTLV-1 Tax requires cytosolic factors involved in Tax-induced polyubiquitination. <i>Journal of Biochemistry</i> , <b>2011</b> , 150, 679-86   | 3.1  | 20  |
| 49 | Lymphotoxin signal promotes thymic organogenesis by eliciting RANK expression in the embryonic thymic stroma. <i>Journal of Immunology</i> , <b>2011</b> , 186, 5047-57   | 5.3  | 68  |
| 48 | Epigenetic alteration of the NF- $\kappa$ B-inducing kinase (NIK) gene is involved in enhanced NIK expression in basal-like breast cancer. <i>Cancer Science</i> , <b>2010</b> , 101, 2391-7  | 6.9  | 31  |
| 47 | Identification of BCAP-(L) as a negative regulator of the TLR signaling-induced production of IL-6 and IL-10 in macrophages by tyrosine phosphoproteomics. <i>Biochemical and Biophysical Research Communications</i> , <b>2010</b> , 400, 265-70 | 3.4  | 17  |
| 46 | TRAF-interacting protein with a forkhead-associated domain B (TIFAB) is a negative regulator of the TRAF6-induced cellular functions. <i>Journal of Biochemistry</i> , <b>2009</b> , 146, 375-81  | 3.1  | 14  |
| 45 | Two mechanistically and temporally distinct NF- $\kappa$ B activation pathways in IL-1 signaling. <i>Science Signaling</i> , <b>2009</b> , 2, ra66  | 8.8  | 103 |
| 44 | Temporal perturbation of tyrosine phosphoproteome dynamics reveals the system-wide regulatory networks. <i>Molecular and Cellular Proteomics</i> , <b>2009</b> , 8, 226-31  | 7.6  | 51  |
| 43 | Constitutive activation of nuclear factor- $\kappa$ B is preferentially involved in the proliferation of basal-like subtype breast cancer cell lines. <i>Cancer Science</i> , <b>2009</b> , 100, 1668-74  | 6.9  | 107 |
| 42 | A unique domain in RANK is required for Gab2 and PLC $\gamma$ 2 binding to establish osteoclastogenic signals. <i>Genes To Cells</i> , <b>2009</b> , 14, 1331-45  | 2.3  | 30  |
| 41 | Independent stabilizations of polysomal Drg1/Dfrp1 complex and non-polysomal Drg2/Dfrp2 complex in mammalian cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 390, 552-6   | 3.4  | 21  |

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|----|---|------|-----|
| 40 | TRAF6 establishes innate immune responses by activating NF-kappaB and IRF7 upon sensing cytosolic viral RNA and DNA. <i>PLoS ONE</i> , <b>2009</b> , 4, e5674   | 3-7  | 77  |
| 39 | The tumor necrosis factor family receptors RANK and CD40 cooperatively establish the thymic medullary microenvironment and self-tolerance. <i>Immunity</i> , <b>2008</b> , 29, 423-37   | 32-3 | 365 |
| 38 | The cytokine RANKL produced by positively selected thymocytes fosters medullary thymic epithelial cells that express autoimmune regulator. <i>Immunity</i> , <b>2008</b> , 29, 438-50   | 32-3 | 331 |
| 37 | NOTCH3 signaling pathway plays crucial roles in the proliferation of ErbB2-negative human breast cancer cells. <i>Cancer Research</i> , <b>2008</b> , 68, 1881-8  | 10-1 | 141 |
| 36 | NF-kappaB activation in development and progression of cancer. <i>Cancer Science</i> , <b>2007</b> , 98, 268-74   | 6-9  | 200 |
| 35 | Developmental stage-dependent collaboration between the TNF receptor-associated factor 6 and lymphotoxin pathways for B cell follicle organization in secondary lymphoid organs. <i>Journal of Immunology</i> , <b>2007</b> , 179, 6799-807                       | 5-3  | 21  |
| 34 | Characteristics and biological functions of TRAF6. <i>Advances in Experimental Medicine and Biology</i> , <b>2007</b> , 597, 72-9   | 3-6  | 81  |
| 33 | HTLV-1 Tax-induced NFkappaB activation is independent of Lys-63-linked-type polyubiquitination. <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 357, 225-30  | 3-4  | 22  |
| 32 | Novel clusters of highly expressed genes accompany genomic amplification in breast cancers. <i>FEBS Letters</i> , <b>2007</b> , 581, 3909-14  | 3-8  | 13  |
| 31 | Identification and characterization of <i>Xenopus laevis</i> homologs of mammalian TRAF6 and its binding protein TIFA. <i>Gene</i> , <b>2005</b> , 358, 53-9  | 3-8  | 4   |
| 30 | Dependence of self-tolerance on TRAF6-directed development of thymic stroma. <i>Science</i> , <b>2005</b> , 308, 248-51   | 33-3 | 233 |
| 29 | Identification of DRG family regulatory proteins (DFRPs): specific regulation of DRG1 and DRG2. <i>Genes To Cells</i> , <b>2005</b> , 10, 139-50  | 2-3  | 40  |
| 28 | RANK-mediated amplification of TRAF6 signaling leads to NFATc1 induction during osteoclastogenesis. <i>EMBO Journal</i> , <b>2005</b> , 24, 790-9   | 13   | 172 |
| 27 | Neurotrophin signaling through the p75 receptor is deficient in <i>traf6</i> <sup>-/-</sup> mice. <i>Journal of Neuroscience</i> , <b>2004</b> , 24, 10521-9  | 6-6  | 86  |
| 26 | Cutting edge: TNFR-associated factor (TRAF) 6 is essential for MyD88-dependent pathway but not toll/IL-1 receptor domain-containing adaptor-inducing IFN-beta (TRIF)-dependent pathway in TLR signaling. <i>Journal of Immunology</i> , <b>2004</b> , 173, 2913-7 | 5-3  | 235 |
| 25 | TIFA activates IkappaB kinase (IKK) by promoting oligomerization and ubiquitination of TRAF6. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 15318-23  | 11-5 | 102 |
| 24 | Interferon-alpha induction through Toll-like receptors involves a direct interaction of IRF7 with MyD88 and TRAF6. <i>Nature Immunology</i> , <b>2004</b> , 5, 1061-8   | 19-1 | 790 |
| 23 | Traf6 is essential for murine tooth cusp morphogenesis. <i>Developmental Dynamics</i> , <b>2004</b> , 229, 131-5  | 2-9  | 46  |

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|----|---|------|------|
| 22 | TIFAB inhibits TIFA, TRAF-interacting protein with a forkhead-associated domain. <i>Biochemical and Biophysical Research Communications</i> , <b>2004</b> , 317, 230-4  | 3.4  | 16   |
| 21 | Critical roles of c-Jun signaling in regulation of NFAT family and RANKL-regulated osteoclast differentiation. <i>Journal of Clinical Investigation</i> , <b>2004</b> , 114, 475-484  | 15.9 | 344  |
| 20 | Cloning and characterization of <i>Xenopus laevis</i> drg2, a member of the developmentally regulated GTP-binding protein subfamily. <i>Gene</i> , <b>2003</b> , 322, 105-12  | 3.8  | 19   |
| 19 | Identification of TIFA as an adapter protein that links tumor necrosis factor receptor-associated factor 6 (TRAF6) to interleukin-1 (IL-1) receptor-associated kinase-1 (IRAK-1) in IL-1 receptor signaling. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 12144-50 | 5.4  | 68   |
| 18 | TRAF6-deficient mice display hypohidrotic ectodermal dysplasia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 8766-71  | 11.5 | 149  |
| 17 | Different cytokines induce surface lymphotoxin-alpha on IL-7 receptor-alpha cells that differentially engender lymph nodes and Peyer's patches. <i>Immunity</i> , <b>2002</b> , 17, 823-33  | 32.3 | 212  |
| 16 | Induction and activation of the transcription factor NFATc1 (NFAT2) integrate RANKL signaling in terminal differentiation of osteoclasts. <i>Developmental Cell</i> , <b>2002</b> , 3, 889-901  | 10.2 | 1920 |
| 15 | Mammalian homologue of <i>E. coli</i> Ras-like GTPase (ERA) is a possible apoptosis regulator with RNA binding activity. <i>Genes To Cells</i> , <b>2001</b> , 6, 987-1001  | 2.3  | 16   |
| 14 | Segregation of TRAF6-mediated signaling pathways clarifies its role in osteoclastogenesis. <i>EMBO Journal</i> , <b>2001</b> , 20, 1271-80  | 13   | 375  |
| 13 | TAK1 is a ubiquitin-dependent kinase of MKK and IKK. <i>Nature</i> , <b>2001</b> , 412, 346-51  | 50.4 | 1617 |
| 12 | Tumor necrosis factor receptor-associated factor (TRAF) family: adapter proteins that mediate cytokine signaling. <i>Experimental Cell Research</i> , <b>2000</b> , 254, 14-24  | 4.2  | 358  |
| 11 | IKK-i, a novel lipopolysaccharide-inducible kinase that is related to I $\kappa$ B kinases. <i>International Immunology</i> , <b>1999</b> , 11, 1357-62   | 4.9  | 311  |
| 10 | Severe osteopetrosis, defective interleukin-1 signalling and lymph node organogenesis in TRAF6-deficient mice. <i>Genes To Cells</i> , <b>1999</b> , 4, 353-62  | 2.3  | 515  |
| 9  | The kinase TAK1 can activate the NIK-I $\kappa$ B as well as the MAP kinase cascade in the IL-1 signalling pathway. <i>Nature</i> , <b>1999</b> , 398, 252-6  | 50.4 | 1019 |
| 8  | Regulatory role of metallothionein in NF- $\kappa$ B activation. <i>FEBS Letters</i> , <b>1999</b> , 455, 55-8  | 3.8  | 74   |
| 7  | Interactions between NF $\kappa$ B and its inhibitor I $\kappa$ B: biophysical characterization of a NF $\kappa$ B/I $\kappa$ B- $\alpha$ complex. <i>The Protein Journal</i> , <b>1998</b> , 17, 757-63  |      | 13   |
| 6  | Induction of apoptosis in human pancreatic carcinoma cells by a synthetic bleomycin-like ligand. <i>Japanese Journal of Cancer Research</i> , <b>1998</b> , 89, 947-53  |      | 8    |
| 5  | Induction of interleukin-12 p40 transcript by CD40 ligation via activation of nuclear factor- $\kappa$ B. <i>European Journal of Immunology</i> , <b>1997</b> , 27, 3461-70   | 6.1  | 70   |

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|---|---|-----|-----|
| 4 | Identification of TRAF6, a novel tumor necrosis factor receptor-associated factor protein that mediates signaling from an amino-terminal domain of the CD40 cytoplasmic region. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 28745-8 | 5-4 | 373 |
| 3 | Metalloproteinase-dependent and TMPRSS2-independent cell surface entry pathway of SARS-CoV-2 requires the furin-cleavage site and the S2 domain of spike protein  |     | 1   |
| 2 | The anticoagulant nafamostat potently inhibits SARS-CoV-2 infection in vitro: an existing drug with multiple possible therapeutic effects   |     | 9   |
| 1 | SARS-CoV-2 Omicron spike H655Y mutation is responsible for enhancement of the endosomal entry pathway and reduction of cell surface entry pathways  |     | 5   |