

# Hiroyasu Nakano

## 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.

116  
papers

16,927  
citations

54  
h-index

122  
g-index

122  
ext. papers

18,529  
ext. citations

8.2  
avg, IF

5.51  
L-index

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 116 | Regulation of the release of damage-associated molecular patterns from necroptotic cells.. <i>Biochemical Journal</i> , <b>2022</b> , 479, 677-685   | 3.8  | 0         |
| 115 | Interleukin-11-expressing fibroblasts have a unique gene signature correlated with poor prognosis of colorectal cancer. <i>Nature Communications</i> , <b>2021</b> , 12, 2281                                | 17.4 | 9         |
| 114 | Time-Lapse Imaging of Necroptosis and DAMP Release at Single-Cell Resolution. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2274, 353-363  | 1.4  | 1         |
| 113 | MIND bomb 2 prevents RIPK1 kinase activity-dependent and -independent apoptosis through ubiquitylation of cFLIP. <i>Communications Biology</i> , <b>2021</b> , 4, 80   | 6.7  | 5         |
| 112 | Regulation of T cell differentiation by the AP-1 transcription factor JunB. <i>Immunological Medicine</i> , <b>2021</b> , 44, 197-203  | 3.7  | 4         |
| 111 | A missense mutation in the MLKL brace region promotes lethal neonatal inflammation and hematopoietic dysfunction. <i>Nature Communications</i> , <b>2020</b> , 11, 3150                                      | 17.4 | 41        |
| 110 | Regenerating islet-derived protein (Reg)3 $\beta$ plays a crucial role in attenuation of ileitis and colitis in mice. <i>Biochemistry and Biophysics Reports</i> , <b>2020</b> , 21, 100738                  | 2.2  | 4         |
| 109 | Identification of a phosphorylation site on Ulk1 required for genotoxic stress-induced alternative autophagy. <i>Nature Communications</i> , <b>2020</b> , 11, 1754  | 17.4 | 23        |
| 108 | Identification of the hallmarks of necroptosis and ferroptosis by transmission electron microscopy. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 527, 839-844                  | 3.4  | 16        |
| 107 | Inhibition of Importin $\beta$ Augments the Anticancer Effect of Agonistic Anti-Death Receptor 5 Antibody in TRAIL-resistant Tumor Cells. <i>Molecular Cancer Therapeutics</i> , <b>2020</b> , 19, 1123-1133 | 6.1  | 3         |
| 106 | Hepatic ferroptosis plays an important role as the trigger for initiating inflammation in nonalcoholic steatohepatitis. <i>Cell Death and Disease</i> , <b>2019</b> , 10, 449                                | 9.8  | 103       |
| 105 | Necroptosis of Intestinal Epithelial Cells Induces Type 3 Innate Lymphoid Cell-Dependent Lethal Ileitis. <i>IScience</i> , <b>2019</b> , 15, 536-551   | 6.1  | 14        |
| 104 | Regulation of membrane phospholipid asymmetry by Notch-mediated flippase expression controls the number of intraepithelial TCR $\beta$ CD8 $\beta$ T cells. <i>PLoS Biology</i> , <b>2019</b> , 17, e3000262 | 9.7  | 0         |
| 103 | Addendum: A FRET biosensor for necroptosis uncovers two different modes of the release of DAMPs. <i>Nature Communications</i> , <b>2019</b> , 10, 1923   | 17.4 |           |
| 102 | JunB plays a crucial role in development of regulatory T cells by promoting IL-2 signaling. <i>Mucosal Immunology</i> , <b>2019</b> , 12, 1104-1117  | 9.2  | 15        |
| 101 | Development of novel methods that monitor necroptosis and the release of DAMPs at the single cell resolution. <i>Cell Stress</i> , <b>2019</b> , 3, 66-69  | 5.5  | 7         |
| 100 | A murine model of acute lung injury identifies growth factors to promote tissue repair and their biomarkers. <i>Genes To Cells</i> , <b>2019</b> , 24, 112-125   | 2.3  | 2         |

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|----|---|------|------|
| 99 | Blockade of TNF receptor superfamily 1 (TNFR1)-dependent and TNFR1-independent cell death is crucial for normal epidermal differentiation. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 143, 213-228. e10 <sup>6</sup> | 11.5 | 6    |
| 98 | Generation of and characterization of anti-IL-11 antibodies using newly established IL11-deficient mice. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 505, 453-459  | 3.4  | 6    |
| 97 | A FRET biosensor for necroptosis uncovers two different modes of the release of DAMPs. <i>Nature Communications</i> , <b>2018</b> , 9, 4457   | 17.4 | 47   |
| 96 | Cellular FLICE-Inhibitory Protein Regulates Tissue Homeostasis. <i>Current Topics in Microbiology and Immunology</i> , <b>2017</b> , 403, 119-141   | 3.3  | 11   |
| 95 | 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   |
| 94 | The AP-1 transcription factor JunB is required for Th17 cell differentiation. <i>Scientific Reports</i> , <b>2017</b> , 7, 17402  | 4.9  | 31   |
| 93 | Depletion of myeloid cells exacerbates hepatitis and induces an aberrant increase in histone H3 in mouse serum. <i>Hepatology</i> , <b>2017</b> , 65, 237-252   | 11.2 | 8    |
| 92 | Critical Contribution of Nuclear Factor Erythroid 2-related Factor 2 (NRF2) to Electrophile-induced Interleukin-11 Production. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 205-216  | 5.4  | 14   |
| 91 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222  | 10.2 | 3838 |
| 90 | Novel method to rescue a lethal phenotype through integration of target gene onto the X-chromosome. <i>Scientific Reports</i> , <b>2016</b> , 6, 37200  | 4.9  | 7    |
| 89 | Short form FLICE-inhibitory protein promotes TNF-induced necroptosis in fibroblasts derived from CFLARs transgenic mice. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 480, 23-28                              | 3.4  | 5    |
| 88 | FLIP the Switch: Regulation of Apoptosis and Necroptosis by cFLIP. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 30321-41  | 6.3  | 81   |
| 87 | The adaptor TRAF5 limits the differentiation of inflammatory CD4(+) T cells by antagonizing signaling via the receptor for IL-6. <i>Nature Immunology</i> , <b>2014</b> , 15, 449-56  | 19.1 | 32   |
| 86 | Critical contribution of oxidative stress to TNF-induced necroptosis downstream of RIPK1 activation. <i>Biochemical and Biophysical Research Communications</i> , <b>2013</b> , 436, 212-6  | 3.4  | 59   |
| 85 | Tumor necrosis factor receptor-associated factor 5 is an essential mediator of ischemic brain infarction. <i>Journal of Neurochemistry</i> , <b>2013</b> , 126, 400-14  | 6    | 33   |
| 84 | Differential topical susceptibility to TGFβ in intact and injured regions of the epithelium: key role in myofibroblast transition. <i>Molecular Biology of the Cell</i> , <b>2013</b> , 24, 3326-36   | 3.5  | 42   |
| 83 | Hyperosmotic stress regulates the distribution and stability of myocardin-related transcription factor, a key modulator of the cytoskeleton. <i>American Journal of Physiology - Cell Physiology</i> , <b>2013</b> , 304, C115-27           | 5.4  | 28   |
| 82 | Shigella IpaH0722 E3 ubiquitin ligase effector targets TRAF2 to inhibit PKC-NF-κB activity in invaded epithelial cells. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003409   | 7.6  | 49   |

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|----|---|------|------|
| 81 | c-FLIP maintains tissue homeostasis by preventing apoptosis and programmed necrosis. <i>Science Signaling</i> , <b>2012</b> , 5, ra93   | 8.8  | 54   |
| 80 | Aberrant accumulation of interleukin-10-secreting neutrophils in TRAF2-deficient mice. <i>Immunology and Cell Biology</i> , <b>2012</b> , 90, 881-8   | 5    | 5    |
| 79 | Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-544.2   | 46.2 | 2783 |
| 78 | Reciprocal expression of MRTF-A and myocardin is crucial for pathological vascular remodelling in mice. <i>EMBO Journal</i> , <b>2012</b> , 31, 4428-40   | 13   | 67   |
| 77 | Interleukin-11 links oxidative stress and compensatory proliferation. <i>Science Signaling</i> , <b>2012</b> , 5, ra5   | 8.8  | 65   |
| 76 | Crucial role for autophagy in degranulation of mast cells. <i>Journal of Allergy and Clinical Immunology</i> , <b>2011</b> , 127, 1267-76.e6  | 11.5 | 96   |
| 75 | SHARPIN is a component of the NF- $\kappa$ B-activating linear ubiquitin chain assembly complex. <i>Nature</i> , <b>2011</b> , 471, 633-6   | 50.4 | 458  |
| 74 | Ecatenin and Smad3 regulate the activity and stability of myocardin-related transcription factor during epithelial-myofibroblast transition. <i>Molecular Biology of the Cell</i> , <b>2011</b> , 22, 4472-85   | 3.5  | 64   |
| 73 | An unexpected role for autophagy in degranulation of mast cells. <i>Autophagy</i> , <b>2011</b> , 7, 657-9  | 10.2 | 14   |
| 72 | Tumor necrosis factor receptor-associated factor (TRAF) 2 controls homeostasis of the colon to prevent spontaneous development of murine inflammatory bowel disease. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 17879-88                                       | 5.4  | 27   |
| 71 | Importin $\beta$ protein-mediated nuclear localization of death receptor 5 (DR5) limits DR5/tumor necrosis factor (TNF)-related apoptosis-inducing ligand (TRAIL)-induced cell death of human tumor cells. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 43383-93 | 5.4  | 48   |
| 70 | Human lactoferrin activates NF-kappaB through the Toll-like receptor 4 pathway while it interferes with the lipopolysaccharide-stimulated TLR4 signaling. <i>FEBS Journal</i> , <b>2010</b> , 277, 2051-66  | 5.7  | 72   |
| 69 | Fate-determining mechanisms in epithelial-myofibroblast transition: major inhibitory role for Smad3. <i>Journal of Cell Biology</i> , <b>2010</b> , 188, 383-99   | 7.3  | 100  |
| 68 | TRAF5 deficiency accelerates atherogenesis in mice by increasing inflammatory cell recruitment and foam cell formation. <i>Circulation Research</i> , <b>2010</b> , 107, 757-66   | 15.7 | 43   |
| 67 | Fate-determining mechanisms in epithelial-myofibroblast transition: major inhibitory role for Smad3. <i>Journal of Experimental Medicine</i> , <b>2010</b> , 207, i5-i5   | 16.6 | 1    |
| 66 | TRAF5 is a critical mediator of in vitro signals and in vivo functions of LMP1, the viral oncogenic mimic of CD40. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 17140-5  | 11.5 | 33   |
| 65 | TRAF2 phosphorylation modulates tumor necrosis factor alpha-induced gene expression and cell resistance to apoptosis. <i>Molecular and Cellular Biology</i> , <b>2009</b> , 29, 303-14  | 4.8  | 36   |
| 64 | NF-kappaB2 (p100) limits TNF-alpha-induced osteoclastogenesis. <i>Journal of Clinical Investigation</i> , <b>2009</b> , 119, 2879-81  | 15.9 | 7    |

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|----|--|------|-----|
| 63 | Downregulation of c-FLIP promotes caspase-dependent JNK activation and reactive oxygen species accumulation in tumor cells. <i>Oncogene</i> , <b>2008</b> , 27, 76-84  | 9.2  | 37  |
| 62 | A critical role of RICK/RIP2 polyubiquitination in Nod-induced NF-kappaB activation. <i>EMBO Journal</i> , <b>2008</b> , 27, 373-83  | 13   | 386 |
| 61 | Rac, PAK and p38 regulate cell contact-dependent nuclear translocation of myocardin-related transcription factor. <i>FEBS Letters</i> , <b>2008</b> , 582, 291-8   | 3.8  | 44  |
| 60 | Fusion of OTT to BSAC results in aberrant up-regulation of transcriptional activity. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 26820-8   | 5.4  | 12  |
| 59 | Mitochondrial Extrusion through the cytoplasmic vacuoles during cell death. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 24128-35   | 5.4  | 53  |
| 58 | Inflammatory reactive oxygen species-mediated hemopoietic suppression in Fancc-deficient mice. <i>Journal of Immunology</i> , <b>2007</b> , 178, 5277-87   | 5.3  | 59  |
| 57 | Low shear stress preferentially enhances IKK activity through selective sources of ROS for persistent activation of NF-kappaB in endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , <b>2007</b> , 292, C362-71                       | 5.4  | 53  |
| 56 | Cell contact-dependent regulation of epithelial-myofibroblast transition via the rho-rho kinase-phospho-myosin pathway. <i>Molecular Biology of the Cell</i> , <b>2007</b> , 18, 1083-97   | 3.5  | 150 |
| 55 | TRAF-1, -2, -3, -5, and -6 are induced in atherosclerotic plaques and differentially mediate proinflammatory functions of CD40L in endothelial cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2007</b> , 27, 1101-7                     | 9.4  | 81  |
| 54 | TNF receptor-associated factor 2-dependent canonical pathway is crucial for the development of Peyer's patches. <i>Journal of Immunology</i> , <b>2007</b> , 178, 2272-7   | 5.3  | 14  |
| 53 | The C-terminal activating region 2 of the Epstein-Barr virus-encoded latent membrane protein 1 activates NF-kappaB through TRAF6 and TAK1. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 2162-9  | 5.4  | 57  |
| 52 | Identification of TNF-alpha-responsive NF-kappaB p65-binding element in the distal promoter of the mouse serine protease inhibitor SerpinE2. <i>FEBS Letters</i> , <b>2006</b> , 580, 3257-62  | 3.8  | 7   |
| 51 | FOG-1 represses GATA-1-dependent FcepsilonRI beta-chain transcription: transcriptional mechanism of mast-cell-specific gene expression in mice. <i>Blood</i> , <b>2006</b> , 108, 262-9  | 2.2  | 50  |
| 50 | Reactive oxygen species mediate crosstalk between NF-kappaB and JNK. <i>Cell Death and Differentiation</i> , <b>2006</b> , 13, 730-7   | 12.7 | 294 |
| 49 | An antiapoptotic protein, c-FLIPL, directly binds to MKK7 and inhibits the JNK pathway. <i>EMBO Journal</i> , <b>2006</b> , 25, 5549-59  | 13   | 81  |
| 48 | Recruitment of tumor necrosis factor receptor-associated factor family proteins to apoptosis signal-regulating kinase 1 signalosome is essential for oxidative stress-induced cell death. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 37033-40 | 5.4  | 173 |
| 47 | Nuclear translocation of the SRF co-activator MAL in cortical neurons: role of RhoA signalling. <i>Journal of Neurochemistry</i> , <b>2005</b> , 94, 169-80  | 6    | 32  |
| 46 | A revival of old players. <i>EMBO Reports</i> , <b>2005</b> , 6, 126-7   | 6.5  | 3   |

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|----|---|------|-----|
| 45 | NF-kappaB RelA phosphorylation regulates RelA acetylation. <i>Molecular and Cellular Biology</i> , <b>2005</b> , 25, 7966-75  | 4.8  | 359 |
| 44 | Osteoclast differentiation independent of the TRANCE-RANK-TRAF6 axis. <i>Journal of Experimental Medicine</i> , <b>2005</b> , 202, 589-95   | 16.6 | 297 |
| 43 | Tumor necrosis factor alpha (TNFalpha) induces the unfolded protein response (UPR) in a reactive oxygen species (ROS)-dependent fashion, and the UPR counteracts ROS accumulation by TNFalpha. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 33917-25 | 5.4  | 310 |
| 42 | Transient and selective NF-kappa B p65 serine 536 phosphorylation induced by T cell costimulation is mediated by I kappa B kinase beta and controls the kinetics of p65 nuclear import. <i>Journal of Immunology</i> , <b>2004</b> , 172, 6336-44                   | 5.3  | 186 |
| 41 | TNF receptor-associated factor 5 limits the induction of Th2 immune responses. <i>Journal of Immunology</i> , <b>2004</b> , 172, 4292-7   | 5.3  | 48  |
| 40 | TRAF family proteins link PKR with NF-kappa B activation. <i>Molecular and Cellular Biology</i> , <b>2004</b> , 24, 4502-13   | 4.8  | 121 |
| 39 | Insufficient p65 phosphorylation at S536 specifically contributes to the lack of NF-kappaB activation and transformation in resistant JB6 cells. <i>Carcinogenesis</i> , <b>2004</b> , 25, 1991-2003  | 4.6  | 103 |
| 38 | Effects of PU.1-induced mouse calcium-calmodulin-dependent kinase I-like kinase (CKLiK) on apoptosis of murine erythroleukemia cells. <i>Experimental Cell Research</i> , <b>2004</b> , 294, 39-50  | 4.2  | 10  |
| 37 | Signaling crosstalk between NF-kappaB and JNK. <i>Trends in Immunology</i> , <b>2004</b> , 25, 402-5  | 14.4 | 58  |
| 36 | Genome wide analysis of TNF-inducible genes reveals that antioxidant enzymes are induced by TNF and responsible for elimination of ROS. <i>Molecular Immunology</i> , <b>2004</b> , 41, 547-51  | 4.3  | 26  |
| 35 | TWEAK induces NF-kappaB2 p100 processing and long lasting NF-kappaB activation. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 36005-12  | 5.4  | 235 |
| 34 | Epstein-Barr virus latent membrane protein 1 activation of NF-kappaB through IRAK1 and TRAF6. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 15595-600   | 11.5 | 108 |
| 33 | NF-kappaB inhibits TNF-induced accumulation of ROS that mediate prolonged MAPK activation and necrotic cell death. <i>EMBO Journal</i> , <b>2003</b> , 22, 3898-909   | 13   | 424 |
| 32 | TRAF5 functions in both RANKL- and TNFalpha-induced osteoclastogenesis. <i>Journal of Bone and Mineral Research</i> , <b>2003</b> , 18, 443-50  | 6.3  | 58  |
| 31 | Phosphorylation of serine 276 is essential for p65 NF-kappaB subunit-dependent cellular responses. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 300, 807-12   | 3.4  | 136 |
| 30 | The death domain kinase RIP has an essential role in DNA damage-induced NF-kappa B activation. <i>Genes and Development</i> , <b>2003</b> , 17, 873-82  | 12.6 | 114 |
| 29 | The role of apoptosis signal-regulating kinase 1 in lymphotoxin-beta receptor-mediated cell death. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 16073-81   | 5.4  | 49  |
| 28 | Tumor necrosis factor-alpha-induced IKK phosphorylation of NF-kappaB p65 on serine 536 is mediated through the TRAF2, TRAF5, and TAK1 signaling pathway. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 36916-23                                       | 5.4  | 279 |

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|----|---|------|-----|
| 27 | Multiple pathways of TWEAK-induced cell death. <i>Journal of Immunology</i> , <b>2002</b> , 168, 734-43   | 5.3  | 147 |
| 26 | Identification of a novel transcriptional activator, BSAC, by a functional cloning to inhibit tumor necrosis factor-induced cell death. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 28853-60  | 5.4  | 76  |
| 25 | Pro-inflammatory effect of TWEAK/Fn14 interaction on human umbilical vein endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 299, 488-93   | 3.4  | 152 |
| 24 | Lymphotoxin-beta receptor mediates NEMO-independent NF-kappaB activation. <i>FEBS Letters</i> , <b>2002</b> , 532, 45-51  | 3.8  | 52  |
| 23 | Critical roles of TRAF2 and TRAF5 in tumor necrosis factor-induced NF-kappa B activation and protection from cell death. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 36530-4  | 5.4  | 250 |
| 22 | Essential role of nuclear factor (NF)-kappaB-inducing kinase and inhibitor of kappaB (IkappaB) kinase alpha in NF-kappaB activation through lymphotoxin beta receptor, but not through tumor necrosis factor receptor I. <i>Journal of Experimental Medicine</i> , <b>2001</b> , 193, 631-6 | 16.6 | 183 |
| 21 | Molecular basis for hematopoietic/mesenchymal interaction during initiation of Peyer's patch organogenesis. <i>Journal of Experimental Medicine</i> , <b>2001</b> , 193, 621-30   | 16.6 | 205 |
| 20 | Protection against Fas-mediated and tumor necrosis factor receptor 1-mediated liver injury by blockade of FADD without loss of nuclear factor-kappaB activation. <i>Annals of Surgery</i> , <b>2001</b> , 234, 681-8  | 7.8  | 11  |
| 19 | Role of adapter function in oncoprotein-mediated activation of NF-kappaB. Human T-cell leukemia virus type I Tax interacts directly with IkappaB kinase gamma. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 17402-5  | 5.4  | 188 |
| 18 | CAST, a novel CD3epsilon-binding protein transducing activation signal for interleukin-2 production in T cells. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 18173-80  | 5.4  | 39  |
| 17 | Ubiquitin-dependent degradation of IkappaBalpha is mediated by a ubiquitin ligase Skp1/Cul1/F-box protein FWD1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1999</b> , 96, 3859-63  | 11.5 | 179 |
| 16 | Targeted disruption of Traf5 gene causes defects in CD40- and CD27-mediated lymphocyte activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1999</b> , 96, 9803-8  | 11.5 | 172 |
| 15 | Ku in the cytoplasm associates with CD40 in human B cells and translocates into the nucleus following incubation with IL-4 and anti-CD40 mAb. <i>Immunity</i> , <b>1999</b> , 11, 339-48  | 32.3 | 54  |
| 14 | ASK1 is essential for JNK/SAPK activation by TRAF2. <i>Molecular Cell</i> , <b>1998</b> , 2, 389-95   | 17.6 | 577 |
| 13 | cDNA cloning, expression, subcellular localization, and chromosomal assignment of mammalian aurora homologues, aurora-related kinase (ARK) 1 and 2. <i>Biochemical and Biophysical Research Communications</i> , <b>1998</b> , 244, 285-92  | 3.4  | 71  |
| 12 | CD27, a member of the tumor necrosis factor receptor superfamily, activates NF-kappaB and stress-activated protein kinase/c-Jun N-terminal kinase via TRAF2, TRAF5, and NF-kappaB-inducing kinase. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 13353-8                      | 5.4  | 186 |
| 11 | Tumor necrosis factor receptor-associated factor 6 (TRAF6) stimulates extracellular signal-regulated kinase (ERK) activity in CD40 signaling along a ras-independent pathway. <i>Journal of Experimental Medicine</i> , <b>1998</b> , 187, 237-44   | 16.6 | 110 |
| 10 | Characterization of murine CD70 by molecular cloning and mAb. <i>International Immunology</i> , <b>1998</b> , 10, 517-26  | 4.9  | 95  |

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|---|---|------|-----|
| 9 | Differential regulation of I $\kappa$ B kinase alpha and beta by two upstream kinases, NF-kappaB-inducing kinase and mitogen-activated protein kinase/ERK kinase kinase-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1998</b> , 95, 3537-42 | 11.5 | 483 |
| 8 | Human TNF receptor-associated factor 5 (TRAF5): cDNA cloning, expression and assignment of the TRAF5 gene to chromosome 1q32. <i>Genomics</i> , <b>1997</b> , 42, 26-32   | 4.3  | 14  |
| 7 | Tumor necrosis factor receptor-associated factor (TRAF) 5 and TRAF2 are involved in CD30-mediated NFkappaB activation. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 2042-5   | 5.4  | 167 |
| 6 | Specific interaction of topoisomerase II beta and the CD3 epsilon chain of the T cell receptor complex. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 6483-9  | 5.4  | 105 |
| 5 | TRAF5, an activator of NF-kappaB and putative signal transducer for the lymphotoxin-beta receptor. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 14661-4  | 5.4  | 272 |
| 4 | Expansion of circulating gamma delta T cells in active sarcoidosis closely correlates with defects in cellular immunity. <i>Clinical Immunology and Immunopathology</i> , <b>1995</b> , 74, 217-22  |      | 6   |
| 3 | Induction of G1 arrest by down-regulation of cyclin D3 in T cell hybridomas. <i>Journal of Experimental Medicine</i> , <b>1995</b> , 182, 401-8   | 16.6 | 30  |
| 2 | Purification of glutathione S-transferase fusion proteins as a non-degraded form by using a protease-negative E. coli strain, AD202. <i>Nucleic Acids Research</i> , <b>1994</b> , 22, 543-4  | 20.1 | 49  |
| 1 | Missense mutations in the MLKL B $\alpha$ region lead to lethal neonatal inflammation in mice and are present in high frequency in humans   |      | 4   |