Masaru Taniguchi

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.

268 136 20,334 73 h-index g-index citations papers 8.8 21,582 5.87 275 L-index avg, IF ext. citations ext. papers

| # | Paper | IF | Citations |
|-----|--|------------------|-----------|
| 268 | The protective function of invariant natural killer T cells in the relapse of experimental autoimmune uveoretinitis. <i>Experimental Eye Research</i> , 2021 , 203, 108406 | 3.7 | 2 |
| 267 | Human NK cell development in hIL-7 and hIL-15 knockin NOD/SCID/IL2rgKO mice. <i>Life Science Alliance</i> , 2019 , 2, | 5.8 | 23 |
| 266 | A Novel Subcutaneous Site of Islet Transplantation Superior to the Liver. <i>Transplantation</i> , 2018 , 102, 945-952 | 1.8 | 11 |
| 265 | Alternative pathway for the development of V14 NKT cells directly from CD4CD8 thymocytes that bypasses the CD4CD8 stage. <i>Nature Immunology</i> , 2017 , 18, 274-282 | 19.1 | 36 |
| 264 | Natural Killer T Cell-Targeted Immunotherapy Mediating Long-term Memory Responses and Strong Antitumor Activity. <i>Frontiers in Immunology</i> , 2017 , 8, 1206 | 8.4 | 10 |
| 263 | Efficient Regeneration of Human VØ4 Invariant Natural Killer T Cells and Their Anti-Tumor Activity In Vivo. <i>Stem Cells</i> , 2016 , 34, 2852-2860 | 5.8 | 42 |
| 262 | Invariant natural killer T cells play dual roles in the development of experimental autoimmune uveoretinitis. <i>Experimental Eye Research</i> , 2016 , 153, 79-89 | 3.7 | 10 |
| 261 | Activation of murine invariant NKT cells promotes susceptibility to candidiasis by IL-10 induced modulation of phagocyte antifungal activity. <i>European Journal of Immunology</i> , 2016 , 46, 1691-703 | 6.1 | 7 |
| 260 | Generation of Novel Traj18-Deficient Mice Lacking V114 Natural Killer T Cells with an Undisturbed T Cell Receptor Echain Repertoire. <i>PLoS ONE</i> , 2016 , 11, e0153347 | 3.7 | 19 |
| 259 | The Transcriptional Repressor Gfi1 Plays a Critical Role in the Development of NKT1- and NKT2-Type iNKT Cells. <i>PLoS ONE</i> , 2016 , 11, e0157395 | 3.7 | 4 |
| 258 | Transcriptional regulator Bhlhe40 works as a cofactor of T-bet in the regulation of IFN-production in iNKT cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E3394-402 | 11.5 | 31 |
| 257 | Organ-specific protective role of NKT cells in virus-induced inflammatory demyelination and myocarditis depends on mouse strain. <i>Journal of Neuroimmunology</i> , 2015 , 278, 174-84 | 3.5 | 9 |
| 256 | Suppressed rate of carcinogenesis and decreases in tumour volume and lung metastasis in CXCL14/BRAK transgenic mice. <i>Scientific Reports</i> , 2015 , 5, 9083 | 4.9 | 31 |
| 255 | Discovery of NKT cells and development of NKT cell-targeted anti-tumor immunotherapy. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2015 , 91, 292-304 | 4 | 21 |
| 254 | Recombinant Fusion Allergens, Cry j 1 and Cry j 2 from Japanese Cedar Pollen, Conjugated with Polyethylene Glycol Potentiate the Attenuation of Cry j 1-Specific IgE Production in Cry j 1-Spec | 3.7 | 12 |
| 253 | Invariant Natural Killer T Cells Play a Role in Chemotaxis, Complement Activation and Mucus Production in a Mouse Model of Airway Hyperreactivity and Inflammation. <i>PLoS ONE</i> , 2015 , 10, e012944 | 18 ^{.7} | 3 |
| 252 | Synthesis of RCAI-172 (C6 epimer of RCAI-147) and its biological activity. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 827-33 | 3.4 | 2 |

| 251 | KLRG+ invariant natural killer T cells are long-lived effectors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 12474-9 | 11.5 | 24 |
|-----|---|------|-----|
| 250 | Generation of induced pluripotent stem cell-derived mice by reprogramming of a mature NKT cell. <i>International Immunology</i> , 2014 , 26, 551-61 | 4.9 | 6 |
| 249 | Exacerbation of invasive Candida albicans infection by commensal bacteria or a glycolipid through IFN-[produced in part by iNKT cells. <i>Journal of Infectious Diseases</i> , 2014 , 209, 799-810 | 7 | 14 |
| 248 | Synthesis and biological activity of hydroxylated analogs of RCAI-80. <i>Tetrahedron</i> , 2013 , 69, 9710-9725 | 2.4 | 1 |
| 247 | Agonist-selected T cell development requires strong T cell receptor signaling and store-operated calcium entry. <i>Immunity</i> , 2013 , 38, 881-95 | 32.3 | 84 |
| 246 | Synthesis and biological activity of hydroxylated analogues of KRN7000 (Egalactosylceramide). <i>Carbohydrate Research</i> , 2013 , 370, 46-66 | 2.9 | 20 |
| 245 | Activation of invariant natural killer T cells by Egalactosylceramide ameliorates myocardial ischemia/reperfusion injury in mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2013 , 62, 179-88 | 5.8 | 30 |
| 244 | RCAI-133, an N-methylated analogue of KRN7000, activates mouse natural killer T cells to produce Th2-biased cytokines. <i>MedChemComm</i> , 2013 , 4, 949 | 5 | 1 |
| 243 | RCAI-61 and related 6Pmodified analogs of KRN7000: their synthesis and bioactivity for mouse lymphocytes to produce interferon-In vivo. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 3066-79 | 3.4 | 17 |
| 242 | NKT cells as an ideal anti-tumor immunotherapeutic. Frontiers in Immunology, 2013, 4, 409 | 8.4 | 87 |
| 241 | Activation of natural killer T cells ameliorates postinfarct cardiac remodeling and failure in mice. <i>Circulation Research</i> , 2012 , 111, 1037-47 | 15.7 | 54 |
| 240 | RCAI-84, 91, and 105-108, ureido and thioureido analogs of KRN7000: their synthesis and bioactivity for mouse lymphocytes to produce Th1-biased cytokines. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 4540-8 | 3.4 | 11 |
| 239 | Type II NKT cells stimulate diet-induced obesity by mediating adipose tissue inflammation, steatohepatitis and insulin resistance. <i>PLoS ONE</i> , 2012 , 7, e30568 | 3.7 | 75 |
| 238 | A limited role of iNKT cells in controlling systemic Candida albicans infections. <i>Japanese Journal of Infectious Diseases</i> , 2012 , 65, 522-6 | 2.7 | 6 |
| 237 | Accumulation of activated invariant natural killer T cells in the tumor microenvironment after Egalactosylceramide-pulsed antigen presenting cells. <i>Journal of Clinical Immunology</i> , 2012 , 32, 1071-81 | 5.7 | 51 |
| 236 | Induced pluripotency as a potential path towards iNKT cell-mediated cancer immunotherapy. <i>International Journal of Hematology</i> , 2012 , 95, 624-31 | 2.3 | 14 |
| 235 | Development and function of invariant natural killer T cells producing T(h)2- and T(h)17-cytokines. <i>PLoS Biology</i> , 2012 , 10, e1001255 | 9.7 | 148 |
| 234 | Introduction: Mechanisms of NKT-Cell-Mediated Adjuvant Activity and Function of iPS-Derived NKT Cells 2012 , 1-13 | | |

| 233 | Therapeutic effects and biomarkers in sublingual immunotherapy: a review. <i>Journal of Allergy</i> , 2012 , 2012, 381737 | | 3 |
|-----|---|------|-----|
| 232 | The transcription factor E4BP4 regulates the production of IL-10 and IL-13 in CD4+ T cells. <i>Nature Immunology</i> , 2011 , 12, 450-9 | 19.1 | 145 |
| 231 | Induction of NKT cell-specific immune responses in cancer tissues after NKT cell-targeted adoptive immunotherapy. <i>Clinical Immunology</i> , 2011 , 138, 255-65 | 9 | 121 |
| 230 | Increase of regulatory T cells and the ratio of specific IgE to total IgE are candidates for response monitoring or prognostic biomarkers in 2-year sublingual immunotherapy (SLIT) for Japanese cedar pollinosis. <i>Clinical Immunology</i> , 2011 , 139, 65-74 | 9 | 67 |
| 229 | RCAI-39, 41, 53, 100, 127 and 128, the analogues of KRN7000, activate mouse natural killer T cells to produce Th2-biased cytokines by their administration as liposomal particles. <i>MedChemComm</i> , 2011 , 2, 620 | 5 | 7 |
| 228 | Activation of pulmonary invariant NKT cells leads to exacerbation of acute lung injury caused by LPS through local production of IFN-land TNF-lby Gr-1+ monocytes. <i>International Immunology</i> , 2011 , 23, 97-108 | 4.9 | 20 |
| 227 | A set of genes associated with the interferon-litesponse of lung cancer patients undergoing Egalactosylceramide-pulsed dendritic cell therapy. <i>Cancer Science</i> , 2010 , 101, 2333-40 | 6.9 | 8 |
| 226 | The role of natural killer T cells in costimulation blockade-based mixed chimerism. <i>Transplant International</i> , 2010 , 23, 1179-89 | 3 | 10 |
| 225 | Induction of Th1-biased cytokine production by alpha-carba-GalCer, a neoglycolipid ligand for NKT cells. <i>International Immunology</i> , 2010 , 22, 319-28 | 4.9 | 35 |
| 224 | Protective roles of B and T lymphocyte attenuator in NKT cell-mediated experimental hepatitis. Journal of Immunology, 2010 , 184, 127-33 | 5.3 | 27 |
| 223 | The specialized iNKT cell system recognizes glycolipid antigens and bridges the innate and acquired immune systems with potential applications for cancer therapy. <i>International Immunology</i> , 2010 , 22, 1-6 | 4.9 | 55 |
| 222 | The induced regulatory T cell level, defined as the proportion of IL-10(+)Foxp3(+) cells among CD25(+)CD4(+) leukocytes, is a potential therapeutic biomarker for sublingual immunotherapy: a preliminary report. <i>International Archives of Allergy and Immunology</i> , 2010 , 153, 378-87 | 3.7 | 40 |
| 221 | Adjuvant activity mediated by iNKT cells. Seminars in Immunology, 2010, 22, 97-102 | 10.7 | 30 |
| 220 | Application of NKT Cells in Immunotherapy. Current Immunology Reviews, 2010, 6, 109-115 | 1.3 | 1 |
| 219 | Generation of functional NKT cells in vitro from embryonic stem cells bearing rearranged invariant Valpha14-Jalpha18 TCRalpha gene. <i>Blood</i> , 2010 , 115, 230-7 | 2.2 | 32 |
| 218 | Synthesis and biological activity of ester and ether analogues of alpha-galactosylceramide (KRN7000). <i>Carbohydrate Research</i> , 2010 , 345, 1663-84 | 2.9 | 34 |
| 217 | High-mobility group box 1 is involved in the initial events of early loss of transplanted islets in mice. Journal of Clinical Investigation, 2010 , 120, 735-43 | 15.9 | 110 |
| 216 | Murine induced pluripotent stem cells can be derived from and differentiate into natural killer T cells. <i>Journal of Clinical Investigation</i> , 2010 , 120, 2610-8 | 15.9 | 45 |

(2008-2009)

| 215 | A phase I-II study of alpha-galactosylceramide-pulsed IL-2/GM-CSF-cultured peripheral blood mononuclear cells in patients with advanced and recurrent non-small cell lung cancer. <i>Journal of Immunology</i> , 2009 , 182, 2492-501 | 5.3 | 181 |
|-----|---|-----------------|-----|
| 214 | Combination therapy of in vitro-expanded natural killer T cells and alpha-galactosylceramide-pulsed antigen-presenting cells in patients with recurrent head and neck carcinoma. <i>Cancer Science</i> , 2009 , 100, 1092-8 | 6.9 | 136 |
| 213 | RCAI-37, 56, 59, 60, 92, 101, and 102, cyclitol and carbasugar analogs of KRN7000: their synthesis and bioactivity for mouse lymphocytes to produce Th1-biased cytokines. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 6360-73 | 3.4 | 26 |
| 212 | Contrasting roles for Valpha14+ natural killer T cells in a viral model for multiple sclerosis. <i>Journal of NeuroVirology</i> , 2009 , 15, 90-8 | 3.9 | 10 |
| 211 | Establishment of an improved mouse model for infantile neuroaxonal dystrophy that shows early disease onset and bears a point mutation in Pla2g6. <i>American Journal of Pathology</i> , 2009 , 175, 2257-63 | 5.8 | 47 |
| 210 | Methods for detection, isolation and culture of mouse and human invariant NKT cells. <i>Nature Protocols</i> , 2008 , 3, 70-8 | 18.8 | 111 |
| 209 | Lymphoid enhancer factor interacts with GATA-3 and controls its function in T helper type 2 cells. <i>Immunology</i> , 2008 , 125, 377-86 | 7.8 | 24 |
| 208 | Regulatory dendritic cells protect against allergic airway inflammation in a murine asthmatic model. <i>Journal of Allergy and Clinical Immunology</i> , 2008 , 121, 95-104.e7 | 11.5 | 35 |
| 207 | Regulation of early T cell development by the PHD finger of histone lysine methyltransferase ASH1. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 365, 589-94 | 3.4 | 17 |
| 206 | Investigation of the role of CD1d-restricted invariant NKT cells in experimental choroidal neovascularization. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 374, 38-43 | 3.4 | 12 |
| 205 | Human Th1 differentiation induced by lipoarabinomannan/lipomannan from Mycobacterium bovis BCG Tokyo-172. <i>International Immunology</i> , 2008 , 20, 849-60 | 4.9 | 18 |
| 204 | Role of Valpha14+ NKT cells in the development of Hepatitis B virus-specific CTL: activation of Valpha14+ NKT cells promotes the breakage of CTL tolerance. <i>International Immunology</i> , 2008 , 20, 869- | /9 9 | 38 |
| 203 | PDC-TREM, a plasmacytoid dendritic cell-specific receptor, is responsible for augmented production of type I interferon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 2993-8 | 11.5 | 72 |
| 202 | Prophylaxis of lipopolysaccharide-induced shock by alpha-galactosylceramide. <i>Journal of Leukocyte Biology</i> , 2008 , 84, 550-60 | 6.5 | 7 |
| 201 | A novel subset of mouse NKT cells bearing the IL-17 receptor B responds to IL-25 and contributes to airway hyperreactivity. <i>Journal of Experimental Medicine</i> , 2008 , 205, 2727-33 | 16.6 | 201 |
| 200 | Distinct regulatory functions of SLP-76 and MIST in NK cell cytotoxicity and IFN-gamma production. <i>International Immunology</i> , 2008 , 20, 345-52 | 4.9 | 15 |
| 199 | Paradoxically high resistance of natural killer T (NKT) cell-deficient mice to Legionella pneumophila: another aspect of NKT cells for modulation of host responses. <i>Journal of Medical Microbiology</i> , 2008 , 57, 1340-1348 | 3.2 | 7 |
| 198 | Induction of natural killer cell-dependent antitumor immunity by the Autographa californica multiple nuclear polyhedrosis virus. <i>Molecular Therapy</i> , 2008 , 16, 261-8 | 11.7 | 42 |

| 197 | Protective role for CD1d-reactive invariant natural killer T cells in cauterization-induced corneal inflammation. <i>Investigative Ophthalmology and Visual Science</i> , 2008 , 49, 105-12 | | 1 |
|-----|---|------|-----|
| 196 | Identification of CD4(-)CD8(-) double-negative natural killer T cell precursors in the thymus. <i>PLoS ONE</i> , 2008 , 3, e3688 | 3.7 | 11 |
| 195 | Enhanced suppression of pulmonary metastasis of malignant melanoma cells by combined administration of alpha-galactosylceramide and interleukin-18. <i>Cancer Science</i> , 2008 , 99, 113-20 | 6.9 | 22 |
| 194 | Phase I study of alpha-galactosylceramide-pulsed antigen presenting cells administration to the nasal submucosa in unresectable or recurrent head and neck cancer. <i>Cancer Immunology, Immunotherapy</i> , 2008 , 57, 337-45 | 7.4 | 135 |
| 193 | RCAI-8, 9, 18, 19, and 49-52, conformationally restricted analogues of KRN7000 with an azetidine or a pyrrolidine ring: Their synthesis and bioactivity for mouse natural killer T cells to produce cytokines. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 950-64 | 3.4 | 46 |
| 192 | RCAI-17, 22, 24-26, 29, 31, 34-36, 38-40, and 88, the analogs of KRN7000 with a sulfonamide linkage: their synthesis and bioactivity for mouse natural killer T cells to produce Th2-biased cytokines. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 8896-906 | 3.4 | 30 |
| 191 | RCAI-61, the 6?-O-methylated analog of KRN7000: its synthesis and potent bioactivity for mouse lymphocytes to produce interferon-lin vivo. <i>Tetrahedron Letters</i> , 2008 , 49, 6827-6830 | 2 | 38 |
| 190 | Immunoregulatory role of Jalpha281 T cells in aged mice developing lupus-like nephritis. <i>European Journal of Immunology</i> , 2007 , 37, 425-33 | 6.1 | 25 |
| 189 | RCAI-56, a carbocyclic analogue of KRN7000: its synthesis and potent activity for natural killer (NK) T cells to preferentially produce interferon-\(\Pi \) <i>Tetrahedron Letters</i> , 2007 , 48, 3343-3347 | 2 | 38 |
| 188 | Role of interferon-gamma in Valpha14+ natural killer T cell-mediated host defense against Streptococcus pneumoniae infection in murine lungs. <i>Microbes and Infection</i> , 2007 , 9, 364-74 | 9.3 | 76 |
| 187 | Differential role of thymic stromal lymphopoietin in the induction of airway hyperreactivity and Th2 immune response in antigen-induced asthma with respect to natural killer T cell function. <i>International Archives of Allergy and Immunology</i> , 2007 , 144, 305-14 | 3.7 | 77 |
| 186 | Tumor cells loaded with alpha-galactosylceramide induce innate NKT and NK cell-dependent resistance to tumor implantation in mice. <i>Journal of Immunology</i> , 2007 , 178, 2853-61 | 5.3 | 86 |
| 185 | Cross-presentation of glycolipid from tumor cells loaded with alpha-galactosylceramide leads to potent and long-lived T cell mediated immunity via dendritic cells. <i>Journal of Experimental Medicine</i> , 2007 , 204, 2641-53 | 16.6 | 127 |
| 184 | Critical role for CXC chemokine ligand 16 (SR-PSOX) in Th1 response mediated by NKT cells. <i>Journal of Immunology</i> , 2007 , 179, 8172-9 | 5.3 | 46 |
| 183 | The Pten/PI3K pathway governs the homeostasis of Valpha14iNKT cells. <i>Blood</i> , 2007 , 109, 3316-24 | 2.2 | 37 |
| 182 | Successful islet transplantation to two recipients from a single donor by targeting proinflammatory cytokines in mice. <i>Transplantation</i> , 2007 , 83, 1085-92 | 1.8 | 32 |
| 181 | Spontaneous tolerance involving natural killer T cells after hepatic grafting in mice. <i>Transplant Immunology</i> , 2007 , 18, 142-5 | 1.7 | 14 |
| 180 | OX40 ligand expressed by DCs costimulates NKT and CD4+ Th cell antitumor immunity in mice. Journal of Clinical Investigation, 2007, 117, 3330-8 | 15.9 | 82 |

(2005-2006)

| 179 | The importance of CD25+ CD4+ regulatory T cells in mouse hepatic allograft tolerance. <i>Liver Transplantation</i> , 2006 , 12, 1112-8 | 4.5 | 41 |
|-----|---|--------|-----|
| 178 | Hyporesponsiveness to natural killer T-cell ligand alpha-galactosylceramide in cancer-bearing state mediated by CD11b+ Gr-1+ cells producing nitric oxide. <i>Cancer Research</i> , 2006 , 66, 11441-6 | 10.1 | 35 |
| 177 | A phase I study of in vitro expanded natural killer T cells in patients with advanced and recurrent non-small cell lung cancer. <i>Clinical Cancer Research</i> , 2006 , 12, 6079-86 | 12.9 | 184 |
| 176 | Evaluation of the function of human invariant NKT cells from cancer patients using alpha-galactosylceramide-loaded murine dendritic cells. <i>Journal of Immunology</i> , 2006 , 177, 3484-92 | 5.3 | 27 |
| 175 | DOCK2 is required in T cell precursors for development of Valpha14 NK T cells. <i>Journal of Immunology</i> , 2006 , 176, 4640-5 | 5.3 | 26 |
| 174 | Injury-induced suppression of effector T cell immunity requires CD1d-positive APCs and CD1d-restricted NKT cells. <i>Journal of Immunology</i> , 2006 , 177, 92-9 | 5.3 | 28 |
| 173 | Regulatory roles of NKT cells in the induction and maintenance of cyclophosphamide-induced tolerance. <i>Journal of Immunology</i> , 2006 , 177, 8400-9 | 5.3 | 17 |
| 172 | IL-21-induced Bepsilon cell apoptosis mediated by natural killer T cells suppresses IgE responses. Journal of Experimental Medicine, 2006 , 203, 2929-37 | 16.6 | 102 |
| 171 | Regulatory dendritic cells act as regulators of acute lethal systemic inflammatory response. <i>Blood</i> , 2006 , 107, 3656-64 | 2.2 | 115 |
| 170 | Natural killer T cell-mediated antitumor immune responses and their clinical applications. <i>Cancer Science</i> , 2006 , 97, 807-12 | 6.9 | 62 |
| 169 | Graft-versus-host disease in recipients of grafts from natural killer T cell-deficient (Jalpha281(-/-)) donors. <i>Immunology</i> , 2006 , 119, 338-47 | 7.8 | 8 |
| 168 | NKT cells play a limited role in the neutrophilic inflammatory responses and host defense to pulmonary infection with Pseudomonas aeruginosa. <i>Microbes and Infection</i> , 2006 , 8, 2679-85 | 9.3 | 14 |
| 167 | Functionally distinct NKT cell subsets and subtypes. <i>Journal of Experimental Medicine</i> , 2005 , 202, 1623-6 | 5 16.6 | 98 |
| 166 | NKT cells regulate the development of asthma. <i>International Congress Series</i> , 2005 , 1285, 184-188 | | 1 |
| 165 | Suppression of IgE antibody responses by NKT cellsthechanisms of NKT cell-mediated regulatory function. <i>International Congress Series</i> , 2005 , 1285, 179-183 | | |
| 164 | The analysis of systemic tolerance elicited by antigen inoculation into the vitreous cavity: vitreous cavity-associated immune deviation. <i>Immunology</i> , 2005 , 116, 390-9 | 7.8 | 63 |
| 163 | Single dose of OCH improves mucosal T helper type 1/T helper type 2 cytokine balance and prevents experimental colitis in the presence of valpha14 natural killer T cells in mice. <i>Inflammatory Bowel Diseases</i> , 2005 , 11, 35-41 | 4.5 | 66 |
| 162 | CD1d and CD1d-restricted iNKT-cells play a pivotal role in contact hypersensitivity. <i>Experimental Dermatology</i> , 2005 , 14, 250-8 | 4 | 41 |

| 161 | Generation of cloned mice by direct nuclear transfer from natural killer T cells. <i>Current Biology</i> , 2005 , 15, 1114-8 | 6.3 | 125 |
|-----|--|------|-----|
| 160 | Suppression of eosinophilic airway inflammation by treatment with alpha-galactosylceramide. <i>European Journal of Immunology</i> , 2005 , 35, 2803-14 | 6.1 | 46 |
| 159 | Dendritic cell maturation by CD11c- T cells and Valpha24+ natural killer T-cell activation by alpha-galactosylceramide. <i>International Journal of Cancer</i> , 2005 , 117, 265-73 | 7.5 | 30 |
| 158 | Valpha14 NKT cell-mediated anti-tumor responses and their clinical application. <i>Seminars in Immunopathology</i> , 2005 , 27, 65-74 | | 19 |
| 157 | A murine model of NKT cell-mediated liver injury induced by alpha-galactosylceramide/d-galactosamine. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2005 , 446, 663-73 | 5.1 | 19 |
| 156 | Plasma membrane-focused proteomics: dramatic changes in surface expression during the maturation of human dendritic cells. <i>Proteomics</i> , 2005 , 5, 4001-11 | 4.8 | 39 |
| 155 | Regulation of T helper type 2 cell differentiation by murine Schnurri-2. <i>Journal of Experimental Medicine</i> , 2005 , 201, 397-408 | 16.6 | 50 |
| 154 | Accelerated chemically induced tumor development mediated by CD4+CD25+ regulatory T cells in wild-type hosts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 9253-7 | 11.5 | 98 |
| 153 | Invariant Valpha14 chain NKT cells promote Plasmodium berghei circumsporozoite protein-specific gamma interferon- and tumor necrosis factor alpha-producing CD8+ T cells in the liver after poxvirus vaccination of mice. <i>Infection and Immunity</i> , 2005 , 73, 849-58 | 3.7 | 18 |
| 152 | Induction of regulatory properties in dendritic cells by Valpha14 NKT cells. <i>Journal of Immunology</i> , 2005 , 175, 3648-55 | 5.3 | 76 |
| 151 | Cutting edge: critical role of CXCL16/CXCR6 in NKT cell trafficking in allograft tolerance. <i>Journal of Immunology</i> , 2005 , 175, 2051-5 | 5.3 | 66 |
| 150 | Host-residual invariant NK T cells attenuate graft-versus-host immunity. <i>Journal of Immunology</i> , 2005 , 175, 1320-8 | 5.3 | 55 |
| 149 | A phase I study of alpha-galactosylceramide (KRN7000)-pulsed dendritic cells in patients with advanced and recurrent non-small cell lung cancer. <i>Clinical Cancer Research</i> , 2005 , 11, 1910-7 | 12.9 | 344 |
| 148 | Valpha14 NK T cell-triggered IFN-gamma production by Gr-1+CD11b+ cells mediates early graft loss of syngeneic transplanted islets. <i>Journal of Experimental Medicine</i> , 2005 , 202, 913-8 | 16.6 | 88 |
| 147 | Invariant NKT cells are essential for the regulation of hepatic CXCL10 gene expression during Leishmania donovani infection. <i>Infection and Immunity</i> , 2005 , 73, 7541-7 | 3.7 | 20 |
| 146 | Functional roles of NKT cell in the immune system. <i>Frontiers in Bioscience - Landmark</i> , 2004 , 9, 2577-87 | 2.8 | 27 |
| 145 | Bone marrow allograft rejection mediated by a novel murine NK receptor, NKG2I. <i>Journal of Experimental Medicine</i> , 2004 , 199, 137-44 | 16.6 | 14 |
| 144 | STAT6-dependent differentiation and production of IL-5 and IL-13 in murine NK2 cells. <i>Journal of Immunology</i> , 2004 , 173, 4967-75 | 5.3 | 35 |

(2003-2004)

| 143 | Down-regulation of the invariant Valpha14 antigen receptor in NKT cells upon activation. <i>International Immunology</i> , 2004 , 16, 241-7 | 4.9 | 125 |
|-----|---|------|-----|
| 142 | CD28 costimulation controls histone hyperacetylation of the interleukin 5 gene locus in developing th2 cells. <i>Journal of Biological Chemistry</i> , 2004 , 279, 23123-33 | 5.4 | 36 |
| 141 | Essential role of GATA3 for the maintenance of type 2 helper T (Th2) cytokine production and chromatin remodeling at the Th2 cytokine gene loci. <i>Journal of Biological Chemistry</i> , 2004 , 279, 26983-9 | 05.4 | 120 |
| 140 | Treatment with alpha-galactosylceramide attenuates the development of bleomycin-induced pulmonary fibrosis. <i>Journal of Immunology</i> , 2004 , 172, 5782-9 | 5.3 | 33 |
| 139 | Interleukin (IL)-4-independent maintenance of histone modification of the IL-4 gene loci in memory Th2 cells. <i>Journal of Biological Chemistry</i> , 2004 , 279, 39454-64 | 5.4 | 47 |
| 138 | Impaired IFN-gamma production of Valpha24 NKT cells in non-remitting sarcoidosis. <i>International Immunology</i> , 2004 , 16, 215-22 | 4.9 | 23 |
| 137 | Osteopontin as a mediator of NKT cell function in T cell-mediated liver diseases. <i>Immunity</i> , 2004 , 21, 539-50 | 32.3 | 167 |
| 136 | NKT cells are relatively resistant to apoptosis. <i>Trends in Immunology</i> , 2004 , 25, 219-21 | 14.4 | 28 |
| 135 | Role of a NK receptor, KLRE-1, in bone marrow allograft rejection: analysis with KLRE-1-deficient mice. <i>Blood</i> , 2004 , 104, 781-3 | 2.2 | 7 |
| 134 | Natural killer T cells accelerate atherogenesis in mice. <i>Blood</i> , 2004 , 104, 2051-9 | 2.2 | 156 |
| 133 | CD4+ CD25+ T cells responding to serologically defined autoantigens suppress antitumor immune responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 109, 10902-6 | 11.5 | 139 |
| 132 | An anti-inflammatory role for V alpha 14 NK T cells in Mycobacterium bovis bacillus Calmette-Gulin-infected mice. <i>Journal of Immunology</i> , 2003 , 171, 1961-8 | 5.3 | 60 |
| 131 | CD1d-restricted T cells regulate dendritic cell function and antitumor immunity in a granulocyte-macrophage colony-stimulating factor-dependent fashion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 8874-9 | 11.5 | 83 |
| 130 | CD69-null mice protected from arthritis induced with anti-type II collagen antibodies. <i>International Immunology</i> , 2003 , 15, 987-92 | 4.9 | 50 |
| 129 | Acceptance of islet allografts in the liver of mice by blockade of an inducible costimulator. <i>Transplantation</i> , 2003 , 75, 1115-8 | 1.8 | 17 |
| 128 | Role of Valpha 14 NKT cells in the development of impaired liver regeneration in vivo. <i>Hepatology</i> , 2003 , 38, 1116-24 | 11.2 | 59 |
| 127 | Natural killer, but not natural killer T, cells play a necessary role in the promotion of an innate antitumor response induced by IL-18. <i>International Journal of Cancer</i> , 2003 , 103, 508-13 | 7.5 | 31 |
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