

Vincenzo Cerundolo

List of Publications by Year in descending order

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Version: 2024-02-01

241
papers

25,241
citations

6486

82
h-index

8878

150
g-index

258
all docs

258
docs citations

258
times ranked

26358
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The P5-type ATPase ATP13A1 modulates major histocompatibility complex I-related protein 1 (MR1)-mediated antigen presentation. <i>Journal of Biological Chemistry</i> , 2022, 298, 101542. | 1.6 | 7 |
| 2 | Decitabine increases neoantigen and cancer testis antigen expression to enhance T-cell-mediated toxicity against glioblastoma. <i>Neuro-Oncology</i> , 2022, 24, 2093-2106. | 0.6 | 18 |
| 3 | Deletion of the deISGylating enzyme USP18 enhances tumour cell antigenicity and radiosensitivity. <i>British Journal of Cancer</i> , 2021, 124, 817-830. | 2.9 | 31 |
| 4 | Hepcidin-Mediated Hypoferremia Disrupts Immune Responses to Vaccination and Infection. <i>Med</i> , 2021, 2, 164-179.e12. | 2.2 | 53 |
| 5 | PLGA Nanoparticles Co-encapsulating NY-ESO-1 Peptides and IMM60 Induce Robust CD8 and CD4 T Cell and B Cell Responses. <i>Frontiers in Immunology</i> , 2021, 12, 641703. | 2.2 | 21 |
| 6 | HLA-E-restricted, Gag-specific CD8 ⁺ T cells can suppress HIV-1 infection, offering vaccine opportunities. <i>Science Immunology</i> , 2021, 6, . | 5.6 | 35 |
| 7 | Chromatin accessibility governs the differential response of cancer and T cells to arginine starvation. <i>Cell Reports</i> , 2021, 35, 109101. | 2.9 | 20 |
| 8 | Generation and characterization of HLA-A2 transgenic mice expressing the human TCR 1G4 specific for the HLA-A2 restricted NY-ESO-1 ₁₅₇₋₁₆₅ tumor-specific peptide. , 2021, 9, e002544. | | 9 |
| 9 | The Chemical Synthesis, Stability, and Activity of MAIT Cell Prodrug Agonists That Access MR1 in Recycling Endosomes. <i>ACS Chemical Biology</i> , 2020, 15, 437-445. | 1.6 | 24 |
| 10 | Self-Maintaining CD103 ⁺ Cancer-Specific T Cells Are Highly Energetic with Rapid Cytotoxic and Effector Responses. <i>Cancer Immunology Research</i> , 2020, 8, 203-216. | 1.6 | 27 |
| 11 | Cell identity and nucleo-mitochondrial genetic context modulate OXPHOS performance and determine somatic heteroplasmy dynamics. <i>Science Advances</i> , 2020, 6, eaba5345. | 4.7 | 31 |
| 12 | The Immune Modulating Properties of Mucosal-Associated Invariant T Cells. <i>Frontiers in Immunology</i> , 2020, 11, 1556. | 2.2 | 29 |
| 13 | Re-evaluation of human BDCA-2 ⁺ DC during acute sterile skin inflammation. <i>Journal of Experimental Medicine</i> , 2020, 217, . | 4.2 | 29 |
| 14 | Structural and functional characterization of C0021158, a high-affinity monoclonal antibody that inhibits Arginase 2 function via a novel non-competitive mechanism of action. <i>MAbs</i> , 2020, 12, 1801230. | 2.6 | 2 |
| 15 | Ligand-dependent downregulation of MR1 cell surface expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10465-10475. | 3.3 | 43 |
| 16 | Results of a randomized, double-blind phase II clinical trial of NY-ESO-1 vaccine with ISCOMATRIX adjuvant versus ISCOMATRIX alone in participants with high-risk resected melanoma. , 2020, 8, e000410. | | 21 |
| 17 | Nanovaccine administration route is critical to obtain pertinent iNKT cell help for robust anti-tumor T and B cell responses. <i>Oncolmmunology</i> , 2020, 9, 1738813. | 2.1 | 37 |
| 18 | Extensive sequence and structural evolution of Arginase 2 inhibitory antibodies enabled by an unbiased approach to affinity maturation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 16949-16960. | 3.3 | 10 |

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|----|---|-----|-----------|
| 19 | Impacts of combining anti-PD-L1 immunotherapy and radiotherapy on the tumour immune microenvironment in a murine prostate cancer model. <i>British Journal of Cancer</i> , 2020, 123, 1089-1100. | 2.9 | 51 |
| 20 | The Repertoire of Serous Ovarian Cancer Non-genetic Heterogeneity Revealed by Single-Cell Sequencing of Normal Fallopian Tube Epithelial Cells. <i>Cancer Cell</i> , 2020, 37, 226-242.e7. | 7.7 | 117 |
| 21 | Enhanced Immunogenicity of Mitochondrial-Localized Proteins in Cancer Cells. <i>Cancer Immunology Research</i> , 2020, 8, 685-697. | 1.6 | 6 |
| 22 | Interactions Between MAIT Cells and Dendritic Cells. <i>Methods in Molecular Biology</i> , 2020, 2098, 125-139. | 0.4 | 0 |
| 23 | Sterile activation of invariant natural killer T cells by ER-stressed antigen-presenting cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23671-23681. | 3.3 | 21 |
| 24 | A Comprehensive Analysis of Key Immune Checkpoint Receptors on Tumor-Infiltrating T Cells From Multiple Types of Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 1066. | 1.3 | 43 |
| 25 | Capturing the antigen landscape: HLA-E, CD1 and MR1. <i>Current Opinion in Immunology</i> , 2019, 59, 121-129. | 2.4 | 17 |
| 26 | Enriched HLA-E and CD94/NKG2A Interaction Limits Antitumor CD8+ Tumor-Infiltrating T Lymphocyte Responses. <i>Cancer Immunology Research</i> , 2019, 7, 1293-1306. | 1.6 | 46 |
| 27 | NOD2 and TLR2 Signal via TBK1 and PI31 to Direct Cross-Presentation and CD8 T Cell Responses. <i>Frontiers in Immunology</i> , 2019, 10, 958. | 2.2 | 31 |
| 28 | Behaviour and neuropathology in mice injected with human contactin-associated protein 2 antibodies. <i>Brain</i> , 2019, 142, 2000-2012. | 3.7 | 35 |
| 29 | Cytoskeletal Control of Antigen-Dependent T Cell Activation. <i>Cell Reports</i> , 2019, 26, 3369-3379.e5. | 2.9 | 68 |
| 30 | Discovery of <i>Salmonella</i> trehalose phospholipids reveals functional convergence with mycobacteria. <i>Journal of Experimental Medicine</i> , 2019, 216, 757-771. | 4.2 | 20 |
| 31 | Urothelial cancer: a narrative review of the role of novel immunotherapeutic agents with particular reference to the management of non-muscle invasive disease. <i>BJU International</i> , 2019, 123, 947-958. | 1.3 | 9 |
| 32 | The Impact of Vaccination and Prior Exposure on Stool Shedding of <i>Salmonella</i> Typhi and <i>Salmonella</i> Paratyphi in 6 Controlled Human Infection Studies. <i>Clinical Infectious Diseases</i> , 2019, 68, 1265-1273. | 2.9 | 26 |
| 33 | A phase I study to assess the safety and tolerability of intravesical pembrolizumab in recurrent non-muscle invasive bladder cancer (NMIBC).. <i>Journal of Clinical Oncology</i> , 2019, 37, 406-406. | 0.8 | 8 |
| 34 | Generation of a double binary transgenic zebrafish model to study myeloid gene regulation in response to oncogene activation in melanocytes. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, . | 1.2 | 14 |
| 35 | Somatic <i>POLE</i> exonuclease domain mutations are early events in sporadic endometrial and colorectal carcinogenesis, determining driver mutational landscape, clonal neoantigen burden and immune response. <i>Journal of Pathology</i> , 2018, 245, 283-296. | 2.1 | 71 |
| 36 | MAIT cell clonal expansion and TCR repertoire shaping in human volunteers challenged with <i>Salmonella</i> Paratyphi. <i>Nature Communications</i> , 2018, 9, 253. | 5.8 | 107 |

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|----|---|------|-----------|
| 37 | NKG2A, a New Kid on the Immune Checkpoint Block. <i>Cell</i> , 2018, 175, 1720-1722. | 13.5 | 83 |
| 38 | Diverse <i>Streptococcus pneumoniae</i> Strains Drive a Mucosal-Associated Invariant T-Cell Response Through Major Histocompatibility Complex class II-Related Molecule-Dependent and Cytokine-Driven Pathways. <i>Journal of Infectious Diseases</i> , 2018, 217, 988-999. | 1.9 | 59 |
| 39 | Clonal analysis of <i>Salmonella</i> -specific effector T cells reveals serovar-specific and cross-reactive T cell responses. <i>Nature Immunology</i> , 2018, 19, 742-754. | 7.0 | 27 |
| 40 | Dendritic cells enter lymph vessels by hyaluronan-mediated docking to the endothelial receptor LYVE-1. <i>Nature Immunology</i> , 2017, 18, 762-770. | 7.0 | 147 |
| 41 | Modulation of cancer-specific immune responses by amino acid degrading enzymes. <i>Immunotherapy</i> , 2017, 9, 83-97. | 1.0 | 78 |
| 42 | Activation of Human Mucosal-Associated Invariant T Cells Induces CD40L-Dependent Maturation of Monocyte-Derived and Primary Dendritic Cells. <i>Journal of Immunology</i> , 2017, 199, 2631-2638. | 0.4 | 96 |
| 43 | Snapin promotes HIV-1 transmission from dendritic cells by dampening TLR8 signaling. <i>EMBO Journal</i> , 2017, 36, 2998-3011. | 3.5 | 15 |
| 44 | Active nuclear transcriptome analysis reveals inflammasome-dependent mechanism for early neutrophil response to <i>Mycobacterium marinum</i> . <i>Scientific Reports</i> , 2017, 7, 6505. | 1.6 | 26 |
| 45 | Harnessing the Power of Invariant Natural Killer T Cells in Cancer Immunotherapy. <i>Frontiers in Immunology</i> , 2017, 8, 1829. | 2.2 | 49 |
| 46 | M1-like monocytes are a major immunological determinant of severity in previously healthy adults with life-threatening influenza. <i>JCI Insight</i> , 2017, 2, e91868. | 2.3 | 59 |
| 47 | Psoriatic T cells recognize neolipid antigens generated by mast cell phospholipase delivered by exosomes and presented by CD1a. <i>Journal of Experimental Medicine</i> , 2016, 213, 2399-2412. | 4.2 | 194 |
| 48 | Nutritional Stress Induced by Tryptophan-Degrading Enzymes Results in ATF4-Dependent Reprogramming of the Amino Acid Transporter Profile in Tumor Cells. <i>Cancer Research</i> , 2016, 76, 6193-6204. | 0.4 | 45 |
| 49 | Elevated and cross-responsive CD1a-reactive T cells in bee and wasp venom allergic individuals. <i>European Journal of Immunology</i> , 2016, 46, 242-252. | 1.6 | 51 |
| 50 | Non-glycosidic compounds can stimulate both human and mouse iNKT cells. <i>European Journal of Immunology</i> , 2016, 46, 1224-1234. | 1.6 | 14 |
| 51 | B-cell repertoire dynamics after sequential hepatitis B vaccination and evidence for cross-reactive B-cell activation. <i>Genome Medicine</i> , 2016, 8, 68. | 3.6 | 64 |
| 52 | The actin cytoskeleton modulates the activation of iNKT cells by segregating CD1d nanoclusters on antigen-presenting cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E772-81. | 3.3 | 29 |
| 53 | Systems biology of immunity to MF59-adjuvanted versus nonadjuvanted trivalent seasonal influenza vaccines in early childhood. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1853-1858. | 3.3 | 176 |
| 54 | Filaggrin inhibits generation of CD1a neolipid antigens by house dust mite-derived phospholipase. <i>Science Translational Medicine</i> , 2016, 8, 325ra18. | 5.8 | 77 |

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|----|--|-----|-----------|
| 55 | Co-delivery of PLGA encapsulated invariant NKT cell agonist with antigenic protein induce strong T cell-mediated antitumor immune responses. <i>OncImmunology</i> , 2016, 5, e1068493. | 2.1 | 68 |
| 56 | Human autoreactive T cells recognize CD1b and phospholipids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 380-385. | 3.3 | 85 |
| 57 | T lymphocytes need less than 3 min to discriminate between peptide MHCs with similar TCR binding parameters. <i>European Journal of Immunology</i> , 2015, 45, 1635-1642. | 1.6 | 12 |
| 58 | NKT-dependent B-cell activation in Gaucher disease. <i>Blood</i> , 2015, 125, 1200-1202. | 0.6 | 3 |
| 59 | MR1-Restricted Mucosal-Associated Invariant T Cells and Their Activation during Infectious Diseases. <i>Frontiers in Immunology</i> , 2015, 6, 303. | 2.2 | 66 |
| 60 | Regulation of Lipid Specific and Vitamin Specific Non-MHC Restricted T Cells by Antigen Presenting Cells and Their Therapeutic Potentials. <i>Frontiers in Immunology</i> , 2015, 6, 388. | 2.2 | 15 |
| 61 | In-Depth Assessment of Within-Individual and Inter-Individual Variation in the B Cell Receptor Repertoire. <i>Frontiers in Immunology</i> , 2015, 6, 531. | 2.2 | 92 |
| 62 | The Processed Amino-Terminal Fragment of Human TLR7 Acts as a Chaperone To Direct Human TLR7 into Endosomes. <i>Journal of Immunology</i> , 2015, 194, 5417-5425. | 0.4 | 15 |
| 63 | Analysis of B Cell Repertoire Dynamics Following Hepatitis B Vaccination in Humans, and Enrichment of Vaccine-specific Antibody Sequences. <i>EBioMedicine</i> , 2015, 2, 2070-2079. | 2.7 | 92 |
| 64 | Bee venom processes human skin lipids for presentation by CD1a. <i>Journal of Experimental Medicine</i> , 2015, 212, 149-163. | 4.2 | 98 |
| 65 | BCR repertoire sequencing: different patterns of B cell activation after two Meningococcal vaccines. <i>Immunology and Cell Biology</i> , 2015, 93, 885-895. | 1.0 | 83 |
| 66 | The Regulatory Role of Invariant NKT Cells in Tumor Immunity. <i>Cancer Immunology Research</i> , 2015, 3, 425-435. | 1.6 | 122 |
| 67 | CD1d-dependent endogenous and exogenous lipid antigen presentation. <i>Current Opinion in Immunology</i> , 2015, 34, 116-125. | 2.4 | 30 |
| 68 | NY-ESO-1 specific antibody and cellular responses in melanoma patients primed with NY-ESO-1 protein in ISCOMATRIX and boosted with recombinant NY-ESO-1 fowlpox virus. <i>International Journal of Cancer</i> , 2015, 136, E590-601. | 2.3 | 46 |
| 69 | Autophagy is a critical regulator of memory CD8+ T cell formation. <i>ELife</i> , 2014, 3, . | 2.8 | 276 |
| 70 | Classification of current anticancer immunotherapies. <i>Oncotarget</i> , 2014, 5, 12472-12508. | 0.8 | 395 |
| 71 | High Frequency of Cytolytic 21-Hydroxylase-Specific CD8+ T Cells in Autoimmune Addison's Disease Patients. <i>Journal of Immunology</i> , 2014, 193, 2118-2126. | 0.4 | 38 |
| 72 | Essential role for autophagy during invariant NKT cell development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5678-87. | 3.3 | 95 |

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|----|---|-----|-----------|
| 73 | Biology of CD1- and MR1-Restricted T Cells. Annual Review of Immunology, 2014, 32, 323-366. | 9.5 | 233 |
| 74 | Combinatorial HLA-peptide bead libraries for high throughput identification of CD8+ T cell specificity. Journal of Immunological Methods, 2014, 403, 72-78. | 0.6 | 8 |
| 75 | Cutting Edge: Endoplasmic Reticulum Stress Licenses Macrophages To Produce Mature IL-1 β in Response to TLR4 Stimulation through a Caspase-8 and TRIF-Dependent Pathway. Journal of Immunology, 2014, 192, 2029-2033. | 0.4 | 149 |
| 76 | Randomized, double-blind phase II trial of NY-ESO-1 ISCOMATRIX vaccine and ISCOMATRIX adjuvant alone in patients with resected stage IIc, III, or IV malignant melanoma.. Journal of Clinical Oncology, 2014, 32, 9050-9050. | 0.8 | 4 |
| 77 | Design, Synthesis, and Functional Activity of Labeled CD1d Glycolipid Agonists. Bioconjugate Chemistry, 2013, 24, 586-594. | 1.8 | 13 |
| 78 | Saposins modulate human invariant Natural Killer T cells self-reactivity and facilitate lipid exchange with CD1d molecules during antigen presentation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4753-61. | 3.3 | 37 |
| 79 | Cord Factor and Peptidoglycan Recapitulate the Th17-Promoting Adjuvant Activity of Mycobacteria through Mincle/CARD9 Signaling and the Inflammasome. Journal of Immunology, 2013, 190, 5722-5730. | 0.4 | 112 |
| 80 | DOCK8 is critical for the survival and function of NKT cells. Blood, 2013, 122, 2052-2061. | 0.6 | 68 |
| 81 | The location of splenic NKT cells favours their rapid activation by blood-borne antigen. EMBO Journal, 2012, 31, 2378-2390. | 3.5 | 81 |
| 82 | Invariant NKT Cell-Based Vaccine Strategies. , 2012, , 39-53. | | 2 |
| 83 | Interaction Between Invariant NKT Cells and Myeloid-derived Suppressor Cells in Cancer Patients. Journal of Immunotherapy, 2012, 35, 449-459. | 1.2 | 32 |
| 84 | Globosides but Not Isoglobosides Can Impact the Development of Invariant NKT Cells and Their Interaction with Dendritic Cells. Journal of Immunology, 2012, 189, 3007-3017. | 0.4 | 38 |
| 85 | Amide Analogues of CD1d Agonists Modulate <i>i</i> /i>NKT-Cell-Mediated Cytokine Production. ACS Chemical Biology, 2012, 7, 847-855. | 1.6 | 24 |
| 86 | Identification of Bcl-6-dependent follicular helper NKT cells that provide cognate help for B cell responses. Nature Immunology, 2012, 13, 35-43. | 7.0 | 249 |
| 87 | Kinetics and Mechanics of Two-Dimensional Interactions between T Cell Receptors and Different Activating Ligands. Biophysical Journal, 2012, 102, 248-257. | 0.2 | 68 |
| 88 | Invariant natural killer <i>T</i> cells are not affected by lysosomal storage in patients with <i>N</i> -mannanase-deficient disease type <i>C</i> . European Journal of Immunology, 2012, 42, 1886-1892. | 1.6 | 14 |
| 89 | Towards multivalent CD1d ligands: synthesis and biological activity of homodimeric β -galactosyl ceramide analogues. Carbohydrate Research, 2012, 356, 152-162. | 1.1 | 25 |
| 90 | Reply to "Failure to detect production of IL-10 by activated human neutrophils". Nature Immunology, 2011, 12, 1018-1020. | 7.0 | 22 |

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|-----|--|-----|-----------|
| 91 | Antigen Potency and Maximal Efficacy Reveal a Mechanism of Efficient T Cell Activation. <i>Science Signaling</i> , 2011, 4, ra39. | 1.6 | 71 |
| 92 | Synthesis of truncated analogues of the iNKT cell agonist, β -galactosyl ceramide (KRN7000), and their biological evaluation. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 221-228. | 1.4 | 8 |
| 93 | Centriole polarisation to the immunological synapse directs secretion from cytolytic cells of both the innate and adaptive immune systems. <i>BMC Biology</i> , 2011, 9, 45. | 1.7 | 60 |
| 94 | Binding Strength and Dynamics of Invariant Natural Killer Cell T Cell Receptor/CD1d-Glycosphingolipid Interaction on Living Cells by Single Molecule Force Spectroscopy. <i>Journal of Biological Chemistry</i> , 2011, 286, 15973-15979. | 1.6 | 20 |
| 95 | Discovery of deoxyceramides and diacylglycerols as CD1b scaffold lipids among diverse groove-blocking lipids of the human CD1 system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 19335-19340. | 3.3 | 69 |
| 96 | Diverse Endogenous Antigens for Mouse NKT Cells: Self-Antigens That Are Not Glycosphingolipids. <i>Journal of Immunology</i> , 2011, 186, 1348-1360. | 0.4 | 54 |
| 97 | Dependence of T Cell Antigen Recognition on T Cell Receptor-Peptide MHC Confinement Time. <i>Immunity</i> , 2010, 32, 163-174. | 6.6 | 214 |
| 98 | Synthetic iNKT cell-agonists as vaccine adjuvantsâ€”finding the balance. <i>Current Opinion in Immunology</i> , 2010, 22, 417-424. | 2.4 | 32 |
| 99 | Recent advances in processing and presentation of CD1 bound lipid antigens. <i>Current Opinion in Immunology</i> , 2010, 22, 81-88. | 2.4 | 50 |
| 100 | CD169+ macrophages present lipid antigens to mediate early activation of iNKT cells in lymph nodes. <i>Nature Immunology</i> , 2010, 11, 303-312. | 7.0 | 186 |
| 101 | Invariant NKT cells modulate the suppressive activity of IL-10-secreting neutrophils differentiated with serum amyloid A. <i>Nature Immunology</i> , 2010, 11, 1039-1046. | 7.0 | 269 |
| 102 | Primary deficiency of microsomal triglyceride transfer protein in human abetalipoproteinemia is associated with loss of CD1 function. <i>Journal of Clinical Investigation</i> , 2010, 120, 2889-2899. | 3.9 | 71 |
| 103 | Characterization of human DNGR-1+ BDCA3+ leukocytes as putative equivalents of mouse CD8 β + dendritic cells. <i>Journal of Experimental Medicine</i> , 2010, 207, 1261-1271. | 4.2 | 613 |
| 104 | Ca ²⁺ Release from the Endoplasmic Reticulum of NY-ESO-1â€”Specific T Cells Is Modulated by the Affinity of TCR and by the Use of the CD8 Coreceptor. <i>Journal of Immunology</i> , 2010, 184, 1829-1839. | 0.4 | 36 |
| 105 | The role of invariant NKT cells at the interface of innate and adaptive immunity. <i>Seminars in Immunology</i> , 2010, 22, 59-60. | 2.7 | 20 |
| 106 | A Single-Chain H-2Db Molecule Presenting an Influenza Virus Nucleoprotein Epitope Shows Enhanced Ability at Stimulating CD8+ T Cell Responses In Vivo. <i>Journal of Immunology</i> , 2009, 182, 4565-4571. | 0.4 | 16 |
| 107 | Linking Inflammation to Natural Killer T Cell Activation. <i>PLoS Biology</i> , 2009, 7, e1000226. | 2.6 | 17 |
| 108 | Nonglycosidic Agonists of Invariant NKT Cells for Use as Vaccine Adjuvants. <i>ChemMedChem</i> , 2009, 4, 171-175. | 1.6 | 22 |

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|-----|--|------|-----------|
| 109 | T Cell Receptor CDR2 ¹ and CDR3 ² Loops Collaborate Functionally to Shape the iNKT Cell Repertoire. <i>Immunity</i> , 2009, 31, 60-71. | 6.6 | 90 |
| 110 | Harnessing invariant NKT cells in vaccination strategies. <i>Nature Reviews Immunology</i> , 2009, 9, 28-38. | 10.6 | 313 |
| 111 | Synthesis and biological activity of α -galactosyl ceramide KRN7000 and galactosyl (α -1 ²) galactosyl ceramide. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 4288-4291. | 1.0 | 33 |
| 112 | Rational development of high-affinity T-cell receptor-like antibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5784-5788. | 3.3 | 109 |
| 113 | Phage display α -derived recombinant antibodies with TCR α -like specificity against α -galactosylceramide and its analogues in complex with human CD1d molecules. <i>European Journal of Immunology</i> , 2008, 38, 829-840. | 1.6 | 15 |
| 114 | CD1d presentation of glycolipids. <i>Immunology and Cell Biology</i> , 2008, 86, 588-597. | 1.0 | 21 |
| 115 | Structural and Functional Aspects of Lipid Binding by CD1 Molecules. <i>Annual Review of Cell and Developmental Biology</i> , 2008, 24, 369-395. | 4.0 | 48 |
| 116 | B cell receptor-mediated uptake of CD1d-restricted antigen augments antibody responses by recruiting invariant NKT cell help <i>in vivo</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 8345-8350. | 3.3 | 178 |
| 117 | Cutting Edge: Nonglycosidic CD1d Lipid Ligands Activate Human and Murine Invariant NKT Cells. <i>Journal of Immunology</i> , 2008, 180, 6452-6456. | 0.4 | 76 |
| 118 | Invariant NKT cells reduce the immunosuppressive activity of influenza A virus α -induced myeloid-derived suppressor cells in mice and humans. <i>Journal of Clinical Investigation</i> , 2008, 118, 4036-4048. | 3.9 | 299 |
| 119 | Normal development and function of invariant natural killer T cells in mice with isoglobotrihexosylceramide (iGb3) deficiency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 5977-5982. | 3.3 | 198 |
| 120 | Modulation of CD103 Expression on Human Colon Carcinoma-Specific CTL. <i>Journal of Immunology</i> , 2007, 178, 2908-2915. | 0.4 | 45 |
| 121 | Increasing the Survival of Dendritic Cells In Vivo Does Not Replace the Requirement for CD4 ⁺ T Cell Help during Primary CD8 ⁺ T Cell Responses. <i>Journal of Immunology</i> , 2007, 179, 5738-5747. | 0.4 | 12 |
| 122 | Modulation of human natural killer T cell ligands on TLR-mediated antigen-presenting cell activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 20490-20495. | 3.3 | 173 |
| 123 | Dendritic Cell Function Can Be Modulated through Cooperative Actions of TLR Ligands and Invariant NKT Cells. <i>Journal of Immunology</i> , 2007, 178, 2721-2729. | 0.4 | 82 |
| 124 | Implications for invariant natural killer T cell ligands due to the restricted presence of isoglobotrihexosylceramide in mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 5971-5976. | 3.3 | 145 |
| 125 | Early acquisition of cytolytic function and transcriptional changes in a primary CD8 ⁺ T-cell response in vivo. <i>Blood</i> , 2007, 109, 1086-1094. | 0.6 | 18 |
| 126 | Structures of an MHC Class I Molecule from B21 Chickens Illustrate Promiscuous Peptide Binding. <i>Immunity</i> , 2007, 27, 885-899. | 6.6 | 161 |

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|-----|--|-----|-----------|
| 127 | A closer look at CD1d molecules: new horizons in studying NKT cells. <i>Trends in Immunology</i> , 2007, 28, 455-462. | 2.9 | 22 |
| 128 | The length of lipids bound to human CD1d molecules modulates the affinity of NKT cell TCR and the threshold of NKT cell activation. <i>Journal of Experimental Medicine</i> , 2007, 204, 1131-1144. | 4.2 | 206 |
| 129 | MHC-peptide-specific antibodies reveal inefficient presentation of an HLA-A*0201-restricted, Melan-A-derived peptide after active intracellular processing. <i>European Journal of Immunology</i> , 2007, 37, 2008-2017. | 1.6 | 13 |
| 130 | Enhanced immunogenicity of CTL antigens through mutation of the CD8 binding MHC class I invariant region. <i>European Journal of Immunology</i> , 2007, 37, 1323-1333. | 1.6 | 60 |
| 131 | T cell receptors get back to basics. <i>Nature Immunology</i> , 2007, 8, 1033-1035. | 7.0 | 3 |
| 132 | Increased frequency of regulatory T cells in peripheral blood and tumour infiltrating lymphocytes in colorectal cancer patients. <i>Cancer Immunity</i> , 2007, 7, 7. | 3.2 | 107 |
| 133 | Description of HLA class I- and CD8-deficient patients: Insights into the function of cytotoxic T lymphocytes and NK cells in host defense. <i>Seminars in Immunology</i> , 2006, 18, 330-336. | 2.7 | 42 |
| 134 | Histone deacetylase inhibitors increase virus gene expression but decrease CD8+ cell antiviral function in HTLV-1 infection. <i>Blood</i> , 2006, 108, 3801-3807. | 0.6 | 35 |
| 135 | Regulation of hematopoiesis in vitro and in vivo by invariant NKT cells. <i>Blood</i> , 2006, 107, 3138-3144. | 0.6 | 33 |
| 136 | Characterization of Siglec-H as a novel endocytic receptor expressed on murine plasmacytoid dendritic cell precursors. <i>Blood</i> , 2006, 107, 3600-3608. | 0.6 | 231 |
| 137 | Expression of MHC Class I-Related Chain B (MICB) Molecules on Renal Transplant Biopsies. <i>Transplantation</i> , 2006, 81, 1196-1203. | 0.5 | 51 |
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