

Vincenzo Cerundolo

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.

237 papers	21,535 citations	79 h-index	141 g-index
258 ext. papers	23,736 ext. citations	10.7 avg, IF	6.2 L-index

#	Paper	IF	Citations
237	The P5-type ATPase ATP13A1 modulates major histocompatibility complex I-related protein 1 (MR1)-mediated antigen presentation.. <i>Journal of Biological Chemistry</i> , 2021 , 101542	5.4	0
236	HLA-E-restricted, Gag-specific CD8 T cells can suppress HIV-1 infection, offering vaccine opportunities. <i>Science Immunology</i> , 2021 , 6,	28	5
235	Chromatin accessibility governs the differential response of cancer and T cells to arginine starvation. <i>Cell Reports</i> , 2021 , 35, 109101	10.6	4
234	Deletion of the deISGylating enzyme USP18 enhances tumour cell antigenicity and radiosensitivity. <i>British Journal of Cancer</i> , 2021 , 124, 817-830	8.7	8
233	Hepcidin-Mediated Hypoferremia Disrupts Immune Responses to Vaccination and Infection. <i>Med</i> , 2021 , 2, 164-179.e12	31.7	20
232	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	8.4	8
231	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	11.5	21
230	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,		9
229	Nanovaccine administration route is critical to obtain pertinent iNKT cell help for robust anti-tumor T and B cell responses. <i>Onc Immunology</i> , 2020 , 9, 1738813	7.2	17
228	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	11.5	6
227	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	8.7	30
226	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	24.3	46
225	Interactions Between MAIT Cells and Dendritic Cells. <i>Methods in Molecular Biology</i> , 2020 , 2098, 125-139	1.4	
224	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	4.9	13
223	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	12.5	10
222	Cell identity and nucleo-mitochondrial genetic context modulate OXPHOS performance and determine somatic heteroplasmy dynamics. <i>Science Advances</i> , 2020 , 6, eaba5345	14.3	11
221	The Immune Modulating Properties of Mucosal-Associated Invariant T Cells. <i>Frontiers in Immunology</i> , 2020 , 11, 1556	8.4	11

220	Re-evaluation of human BDCA-2+ DC during acute sterile skin inflammation. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	14
219	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	6.6	1
218	Enhanced Immunogenicity of Mitochondrial-Localized Proteins in Cancer Cells. <i>Cancer Immunology Research</i> , 2020 , 8, 685-697	12.5	2
217	Capturing the antigen landscape: HLA-E, CD1 and MR1. <i>Current Opinion in Immunology</i> , 2019 , 59, 121-129	7.8	8
216	Enriched HLA-E and CD94/NKG2A Interaction Limits Antitumor CD8 Tumor-Infiltrating T Lymphocyte Responses. <i>Cancer Immunology Research</i> , 2019 , 7, 1293-1306	12.5	27
215	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	8.4	12
214	Behaviour and neuropathology in mice injected with human contactin-associated protein 2 antibodies. <i>Brain</i> , 2019 , 142, 2000-2012	11.2	24
213	Cytoskeletal Control of Antigen-Dependent T Cell Activation. <i>Cell Reports</i> , 2019 , 26, 3369-3379.e5	10.6	42
212	Discovery of trehalose phospholipids reveals functional convergence with mycobacteria. <i>Journal of Experimental Medicine</i> , 2019 , 216, 757-771	16.6	9
211	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	11.5	9
210	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	5.3	30
209	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	2.2	6
208	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	5.6	8
207	The Impact of Vaccination and Prior Exposure on Stool Shedding of Salmonella Typhi and Salmonella Paratyphi in 6 Controlled Human Infection Studies. <i>Clinical Infectious Diseases</i> , 2019 , 68, 1265-1273	11.6	16
206	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,	4.1	9
205	Somatic POLE 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	9.4	43
204	MAIT cell clonal expansion and TCR repertoire shaping in human volunteers challenged with Salmonella ParatyphiA. <i>Nature Communications</i> , 2018 , 9, 253	17.4	66
203	Clonal analysis of Salmonella-specific effector T cells reveals serovar-specific and cross-reactive T cell responses. <i>Nature Immunology</i> , 2018 , 19, 742-754	19.1	16

202	NKG2A, a New Kid on the Immune Checkpoint Block. <i>Cell</i> , 2018 , 175, 1720-1722	56.2	51
201	Diverse Streptococcus pneumoniae Strains Drive a Mucosal-Associated Invariant T-Cell Response Through Major Histocompatibility Complex class I-Related Molecule-Dependent and Cytokine-Driven Pathways. <i>Journal of Infectious Diseases</i> , 2018 , 217, 988-999	7	37
200	Dendritic cells enter lymph vessels by hyaluronan-mediated docking to the endothelial receptor LYVE-1. <i>Nature Immunology</i> , 2017 , 18, 762-770	19.1	99
199	Modulation of cancer-specific immune responses by amino acid degrading enzymes. <i>Immunotherapy</i> , 2017 , 9, 83-97	3.8	61
198	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	5.3	57
197	Snapin promotes HIV-1 transmission from dendritic cells by dampening TLR8 signaling. <i>EMBO Journal</i> , 2017 , 36, 2998-3011	13	10
196	Active nuclear transcriptome analysis reveals inflammasome-dependent mechanism for early neutrophil response to Mycobacterium marinum. <i>Scientific Reports</i> , 2017 , 7, 6505	4.9	15
195	Harnessing the Power of Invariant Natural Killer T Cells in Cancer Immunotherapy. <i>Frontiers in Immunology</i> , 2017 , 8, 1829	8.4	36
194	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	9.9	39
193	B-cell repertoire dynamics after sequential hepatitis B vaccination and evidence for cross-reactive B-cell activation. <i>Genome Medicine</i> , 2016 , 8, 68	14.4	42
192	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	11.5	26
191	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, 1853-8	11.5	111
190	Filaggrin inhibits generation of CD1a neolipid antigens by house dust mite-derived phospholipase. <i>Science Translational Medicine</i> , 2016 , 8, 325ra18	17.5	56
189	Co-delivery of PLGA encapsulated invariant NKT cell agonist with antigenic protein induce strong T cell-mediated antitumor immune responses. <i>Onc Immunology</i> , 2016 , 5, e1068493	7.2	45
188	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, 380-5	11.5	58
187	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	16.6	131
186	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	10.1	29
185	Elevated and cross-responsive CD1a-reactive T cells in bee and wasp venom allergic individuals. <i>European Journal of Immunology</i> , 2016 , 46, 242-52	6.1	38

184	Non-glycosidic compounds can stimulate both human and mouse iNKT cells. <i>European Journal of Immunology</i> , 2016 , 46, 1224-34	6.1	13
183	BCR repertoire sequencing: different patterns of B-cell activation after two Meningococcal vaccines. <i>Immunology and Cell Biology</i> , 2015 , 93, 885-95	5	62
182	The regulatory role of invariant NKT cells in tumor immunity. <i>Cancer Immunology Research</i> , 2015 , 3, 425-35	35.5	94
181	CD1d-dependent endogenous and exogenous lipid antigen presentation. <i>Current Opinion in Immunology</i> , 2015 , 34, 116-25	7.8	25
180	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	7.5	33
179	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, 1635-42	6.1	7
178	NKT-dependent B-cell activation in Gaucher disease. <i>Blood</i> , 2015 , 125, 1200-2	2.2	3
177	MR1-Restricted Mucosal-Associated Invariant T Cells and Their Activation during Infectious Diseases. <i>Frontiers in Immunology</i> , 2015 , 6, 303	8.4	56
176	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	8.4	13
175	In-Depth Assessment of Within-Individual and Inter-Individual Variation in the B Cell Receptor Repertoire. <i>Frontiers in Immunology</i> , 2015 , 6, 531	8.4	60
174	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, 5417-25	5.3	14
173	Analysis of B Cell Repertoire Dynamics Following Hepatitis B Vaccination in Humans, and Enrichment of Vaccine-specific Antibody Sequences. <i>EBioMedicine</i> , 2015 , 2, 2070-9	8.8	61
172	Bee venom processes human skin lipids for presentation by CD1a. <i>Journal of Experimental Medicine</i> , 2015 , 212, 149-63	16.6	80
171	Biology of CD1- and MR1-restricted T cells. <i>Annual Review of Immunology</i> , 2014 , 32, 323-66	34.7	195
170	Combinatorial HLA-peptide bead libraries for high throughput identification of CD8+ T cell specificity. <i>Journal of Immunological Methods</i> , 2014 , 403, 72-8	2.5	6
169	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. <i>Journal of Immunology</i> , 2014 , 192, 2029-2033	5.3	128
168	Autophagy is a critical regulator of memory CD8(+) T cell formation. <i>ELife</i> , 2014 , 3,	8.9	199
167	Classification of current anticancer immunotherapies. <i>Oncotarget</i> , 2014 , 5, 12472-508	3.3	301

166	High frequency of cytolytic 21-hydroxylase-specific CD8+ T cells in autoimmune Addison's disease patients. <i>Journal of Immunology</i> , 2014 , 193, 2118-26	5.3	30
165	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	11.5	77
164	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. <i>Journal of Clinical Oncology</i> , 2014 , 32, 9050-9050	2.2	4
163	Design, synthesis, and functional activity of labeled CD1d glycolipid agonists. <i>Bioconjugate Chemistry</i> , 2013 , 24, 586-94	6.3	11
162	Saposins modulate human invariant Natural Killer T cells self-reactivity and facilitate lipid exchange with CD1d molecules during antigen presentation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E4753-61	11.5	30
161	Cord factor and peptidoglycan recapitulate the Th17-promoting adjuvant activity of mycobacteria through mincle/CARD9 signaling and the inflammasome. <i>Journal of Immunology</i> , 2013 , 190, 5722-30	5.3	91
160	DOCK8 is critical for the survival and function of NKT cells. <i>Blood</i> , 2013 , 122, 2052-61	2.2	60
159	Author response: Expansion of intestinal Prevotella copri correlates with enhanced susceptibility to arthritis 2013 ,		8
158	Globosides but not isoglobosides can impact the development of invariant NKT cells and their interaction with dendritic cells. <i>Journal of Immunology</i> , 2012 , 189, 3007-17	5.3	31
157	Amide analogues of CD1d agonists modulate iNKT-cell-mediated cytokine production. <i>ACS Chemical Biology</i> , 2012 , 7, 847-55	4.9	22
156	Kinetics and mechanics of two-dimensional interactions between T cell receptors and different activating ligands. <i>Biophysical Journal</i> , 2012 , 102, 248-57	2.9	51
155	Invariant natural killer T cells are not affected by lysosomal storage in patients with Niemann-Pick disease type C. <i>European Journal of Immunology</i> , 2012 , 42, 1886-92	6.1	11
154	Towards multivalent CD1d ligands: synthesis and biological activity of homodimeric β -galactosyl ceramide analogues. <i>Carbohydrate Research</i> , 2012 , 356, 152-62	2.9	23
153	The location of splenic NKT cells favours their rapid activation by blood-borne antigen. <i>EMBO Journal</i> , 2012 , 31, 2378-90	13	73
152	Invariant NKT Cell-Based Vaccine Strategies 2012 , 39-53		2
151	Interaction between invariant NKT cells and myeloid-derived suppressor cells in cancer patients: evidence and therapeutic opportunities. <i>Journal of Immunotherapy</i> , 2012 , 35, 449-59	5	24
150	Identification of Bcl-6-dependent follicular helper NKT cells that provide cognate help for B cell responses. <i>Nature Immunology</i> , 2011 , 13, 35-43	19.1	205
149	Antigen potency and maximal efficacy reveal a mechanism of efficient T cell activation. <i>Science Signaling</i> , 2011 , 4, ra39	8.8	53

148	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, 221-8	3.4	8
147	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	7.3	55
146	Reply to "Failure to detect production of IL-10 by activated human neutrophils". <i>Nature Immunology</i> , 2011 , 12, 1018-1020	19.1	22
145	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, 15973-9	5.4	18
144	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, 19335-40	11.5	56
143	Diverse endogenous antigens for mouse NKT cells: self-antigens that are not glycosphingolipids. <i>Journal of Immunology</i> , 2011 , 186, 1348-60	5.3	49
142	CD169(+) macrophages present lipid antigens to mediate early activation of iNKT cells in lymph nodes. <i>Nature Immunology</i> , 2010 , 11, 303-12	19.1	166
141	Invariant NKT cells modulate the suppressive activity of IL-10-secreting neutrophils differentiated with serum amyloid A. <i>Nature Immunology</i> , 2010 , 11, 1039-46	19.1	230
140	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, 2889-99	15.9	64
139	Characterization of human DNGR-1+ BDCA3+ leukocytes as putative equivalents of mouse CD8alpha+ dendritic cells. <i>Journal of Experimental Medicine</i> , 2010 , 207, 1261-71	16.6	545
138	Ca ²⁺ release from the endoplasmic reticulum of NY-ESO-1-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	5.3	31
137	Dependence of T cell antigen recognition on T cell receptor-peptide MHC confinement time. <i>Immunity</i> , 2010 , 32, 163-74	32.3	170
136	Synthetic iNKT cell-agonists as vaccine adjuvants--finding the balance. <i>Current Opinion in Immunology</i> , 2010 , 22, 417-24	7.8	31
135	Recent advances in processing and presentation of CD1 bound lipid antigens. <i>Current Opinion in Immunology</i> , 2010 , 22, 81-8	7.8	43
134	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, 4565-71	5.3	15
133	Linking inflammation to natural killer T cell activation. <i>PLoS Biology</i> , 2009 , 7, e1000226	9.7	15
132	Nonglycosidic agonists of invariant NKT cells for use as vaccine adjuvants. <i>ChemMedChem</i> , 2009 , 4, 171-5	3.7	22
131	T cell receptor CDR2 beta and CDR3 beta loops collaborate functionally to shape the iNKT cell repertoire. <i>Immunity</i> , 2009 , 31, 60-71	32.3	82

130	Harnessing invariant NKT cells in vaccination strategies. <i>Nature Reviews Immunology</i> , 2009 , 9, 28-38	36.5	276
129	Synthesis and biological activity of alpha-galactosyl ceramide KRN7000 and galactosyl (alpha1-->2) galactosyl ceramide. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 4288-91	2.9	26
128	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, 5784-8	11.5	87
127	CD1d presentation of glycolipids. <i>Immunology and Cell Biology</i> , 2008 , 86, 588-97	5	19
126	Structural and functional aspects of lipid binding by CD1 molecules. <i>Annual Review of Cell and Developmental Biology</i> , 2008 , 24, 369-95	12.6	45
125	B cell receptor-mediated uptake of CD1d-restricted antigen augments antibody responses by recruiting invariant NKT cell help in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 8345-50	11.5	162
124	Cutting edge: nonglycosidic CD1d lipid ligands activate human and murine invariant NKT cells. <i>Journal of Immunology</i> , 2008 , 180, 6452-6	5.3	73
123	Phage display-derived recombinant antibodies with TCR-like specificity against alpha-galactosylceramide and its analogues in complex with human CD1d molecules. <i>European Journal of Immunology</i> , 2008 , 38, 829-40	6.1	15
122	Invariant NKT cells reduce the immunosuppressive activity of influenza A virus-induced myeloid-derived suppressor cells in mice and humans. <i>Journal of Clinical Investigation</i> , 2008 , 118, 4036-48	15.9	258
121	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, 1131-44	16.6	188
120	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, 2008-17	6.1	13
119	Enhanced immunogenicity of CTL antigens through mutation of the CD8 binding MHC class I invariant region. <i>European Journal of Immunology</i> , 2007 , 37, 1323-33	6.1	54
118	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, 5977-82	11.5	185
117	Modulation of CD103 expression on human colon carcinoma-specific CTL. <i>Journal of Immunology</i> , 2007 , 178, 2908-15	5.3	32
116	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, 5738-47	5.3	10
115	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, 20490-5	11.5	160
114	Dendritic cell function can be modulated through cooperative actions of TLR ligands and invariant NKT cells. <i>Journal of Immunology</i> , 2007 , 178, 2721-9	5.3	70
113	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, 5971-6	11.5	133

112	Early acquisition of cytolytic function and transcriptional changes in a primary CD8+ T-cell response in vivo. <i>Blood</i> , 2007 , 109, 1086-94	2.2	15
111	Structures of an MHC class I molecule from B21 chickens illustrate promiscuous peptide binding. <i>Immunity</i> , 2007 , 27, 885-99	32.3	137
110	A closer look at CD1d molecules: new horizons in studying NKT cells. <i>Trends in Immunology</i> , 2007 , 28, 455-62	14.4	21
109	Increased frequency of regulatory T cells in peripheral blood and tumour infiltrating lymphocytes in colorectal cancer patients. <i>Cancer Immunity</i> , 2007 , 7, 7		104
108	HIV-1 down-regulates the expression of CD1d via Nef. <i>European Journal of Immunology</i> , 2006 , 36, 278-86	1	100
107	B and CTL responses to the ALK protein in patients with ALK-positive ALCL. <i>International Journal of Cancer</i> , 2006 , 118, 688-95	7.5	49
106	Structure and binding kinetics of three different human CD1d-alpha-galactosylceramide-specific T cell receptors. <i>Journal of Experimental Medicine</i> , 2006 , 203, 699-710	16.6	82
105	Impaired selection of invariant natural killer T cells in diverse mouse models of glycosphingolipid lysosomal storage diseases. <i>Journal of Experimental Medicine</i> , 2006 , 203, 2293-303	16.6	113
104	Quantifying and imaging NY-ESO-1/LAGE-1-derived epitopes on tumor cells using high affinity T cell receptors. <i>Journal of Immunology</i> , 2006 , 176, 7308-16	5.3	72
103	Role of immunoproteasomes in cross-presentation. <i>Journal of Immunology</i> , 2006 , 177, 983-90	5.3	62
102	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, 330-6	10.7	38
101	Histone deacetylase inhibitors increase virus gene expression but decrease CD8+ cell antiviral function in HTLV-1 infection. <i>Blood</i> , 2006 , 108, 3801-7	2.2	32
100	Regulation of hematopoiesis in vitro and in vivo by invariant NKT cells. <i>Blood</i> , 2006 , 107, 3138-44	2.2	30
99	Characterization of Siglec-H as a novel endocytic receptor expressed on murine plasmacytoid dendritic cell precursors. <i>Blood</i> , 2006 , 107, 3600-8	2.2	192
98	Expression of MHC class I-related Chain B (MICB) molecules on renal transplant biopsies. <i>Transplantation</i> , 2006 , 81, 1196-203	1.8	48
97	The crystal structure of human CD1d with and without alpha-galactosylceramide. <i>Nature Immunology</i> , 2005 , 6, 819-26	19.1	328
96	Viral immunity: cross-priming with the help of TLR3. <i>Current Biology</i> , 2005 , 15, R336-9	6.3	26
95	Analysis of FOXP3 protein expression in human CD4+CD25+ regulatory T cells at the single-cell level. <i>European Journal of Immunology</i> , 2005 , 35, 1681-91	6.1	485

94	Recombinant modified vaccinia Ankara primes functionally activated CTL specific for a melanoma tumor antigen epitope in melanoma patients with a high risk of disease recurrence. <i>International Journal of Cancer</i> , 2005 , 113, 259-66	7.5	86
93	Differences in phenotype and function between spontaneously occurring melan-A-, tyrosinase- and influenza matrix peptide-specific CTL in HLA-A*0201 melanoma patients. <i>International Journal of Cancer</i> , 2005 , 115, 450-5	7.5	19
92	CD8+ T cell epitope-flanking mutations disrupt proteasomal processing of HIV-1 Nef. <i>Journal of Immunology</i> , 2005 , 175, 4618-26	5.3	53
91	Immunodominance of poxviral-specific CTL in a human trial of recombinant-modified vaccinia Ankara. <i>Journal of Immunology</i> , 2005 , 175, 8431-7	5.3	86
90	BCL6b mediates the enhanced magnitude of the secondary response of memory CD8+ T lymphocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 7418-25	11.5	71
89	Structural and kinetic basis for heightened immunogenicity of T cell vaccines. <i>Journal of Experimental Medicine</i> , 2005 , 201, 1243-55	16.6	202
88	Regulation of Hematopoiesis In Vitro and In Vivo by Invariant NKT Cells.. <i>Blood</i> , 2005 , 106, 2277-2277	2.2	
87	Impact of alpha interferon and ribavirin on the function of maturing dendritic cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 3382-9	5.9	50
86	CpG-matured murine plasmacytoid dendritic cells are capable of in vivo priming of functional CD8 T cell responses to endogenous but not exogenous antigens. <i>Journal of Experimental Medicine</i> , 2004 , 199, 567-79	16.6	154
85	The crystal structure of human CD1b with a bound bacterial glycolipid. <i>Journal of Immunology</i> , 2004 , 172, 2382-8	5.3	129
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