Vincenzo Cerundolo

List of Publications by Citations

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	Memory CD8+ T cells vary in differentiation phenotype in different persistent virus infections. *Nature Medicine*, **2002**, 8, 379-85	50.5	1302
236	Quantitation of HIV-1-specific cytotoxic T lymphocytes and plasma load of viral RNA. *Science*, **1998**, 279, 2103-6	33.3	1247
235	Characterization of human DNGR-1+ BDCA3+ leukocytes as putative equivalents of mouse CD8alpha+ dendritic cells. *Journal of Experimental Medicine*, **2010**, 207, 1261-71	16.6	545
234	Analysis of FOXP3 protein expression in human CD4+CD25+ regulatory T cells at the single-cell level. *European Journal of Immunology*, **2005**, 35, 1681-91	6.1	485
233	Surface expression of HLA-E, an inhibitor of natural killer cells, enhanced by human cytomegalovirus gpUL40. *Science*, **2000**, 287, 1031	33.3	478
232	Ex vivo staining of metastatic lymph nodes by class I major histocompatibility complex tetramers reveals high numbers of antigen-experienced tumor-specific cytolytic T lymphocytes. *Journal of Experimental Medicine*, **1998**, 188, 1641-50	16.6	443
231	High frequencies of naive Melan-A/MART-1-specific CD8(+) T cells in a large proportion of human histocompatibility leukocyte antigen (HLA)-A2 individuals. *Journal of Experimental Medicine*, **1999**, 190, 705-15	16.6	402
230	NKT cells enhance CD4+ and CD8+ T cell responses to soluble antigen in vivo through direct interaction with dendritic cells. *Journal of Immunology*, **2003**, 171, 5140-7	5.3	399
229	High frequency of skin-homing melanocyte-specific cytotoxic T lymphocytes in autoimmune vitiligo. *Journal of Experimental Medicine*, **1998**, 188, 1203-8	16.6	360
228	Rapid generation of broad T-cell immunity in humans after a single injection of mature dendritic cells. *Journal of Clinical Investigation*, **1999**, 104, 173-80	15.9	359
227	The crystal structure of human CD1d with and without alpha-galactosylceramide. *Nature Immunology*, **2005**, 6, 819-26	19.1	328
226	Immune activation and CD8+ T-cell differentiation towards senescence in HIV-1 infection. *PLoS Biology*, **2004**, 2, E20	9.7	326
225	Monitoring CD8 T cell responses to NY-ESO-1: correlation of humoral and cellular immune responses. *Proceedings of the National Academy of Sciences of the United States of America*, **2000**, 97, 4760-5	11.5	318
224	Presentation of viral antigen by MHC class I molecules is dependent on a putative peptide transporter heterodimer. *Nature*, **1992**, 355, 644-6	50.4	313
223	Classification of current anticancer immunotherapies. *Oncotarget*, **2014**, 5, 12472-508	3.3	301
222	Harnessing invariant NKT cells in vaccination strategies. *Nature Reviews Immunology*, **2009**, 9, 28-38	36.5	276
221	Invariant NKT cells reduce the immunosuppressive activity of influenza A virus-induced myeloid-derived suppressor cells in mice and humans. *Journal of Clinical Investigation*, **2008**, 118, 4036-48	15.9	258

220	Phase I study in melanoma patients of a vaccine with peptide-pulsed dendritic cells generated in vitro from CD34(+) hematopoietic progenitor cells. *International Journal of Cancer*, **2000**, 86, 385-92	7.5	245
219	Invariant NKT cells modulate the suppressive activity of IL-10-secreting neutrophils differentiated with serum amyloid A. *Nature Immunology*, **2010**, 11, 1039-46	19.1	230
218	Structure of human CD1b with bound ligands at 2.3 A, a maze for alkyl chains. *Nature Immunology*, **2002**, 3, 721-6	19.1	212
217	Peptide-induced conformational change of the class I heavy chain. *Nature*, **1991**, 351, 402-6	50.4	211
216	Identification of Bcl-6-dependent follicular helper NKT cells that provide cognate help for B cell responses. *Nature Immunology*, **2011**, 13, 35-43	19.1	205
215	Structural and kinetic basis for heightened immunogenicity of T cell vaccines. *Journal of Experimental Medicine*, **2005**, 201, 1243-55	16.6	202
214	Autophagy is a critical regulator of memory CD8(+) T cell formation. *ELife*, **2014**, 3,	8.9	199
213	Biology of CD1- and MR1-restricted T cells. *Annual Review of Immunology*, **2014**, 32, 323-66	34.7	195
212	Characterization of Siglec-H as a novel endocytic receptor expressed on murine plasmacytoid dendritic cell precursors. *Blood*, **2006**, 107, 3600-8	2.2	192
211	The length of lipids bound to human CD1d molecules modulates the affinity of NKT cell TCR and the threshold of NKT cell activation. *Journal of Experimental Medicine*, **2007**, 204, 1131-44	16.6	188
210	Mature CD8+ T lymphocyte response to viral infection during fetal life. *Journal of Clinical Investigation*, **2003**, 111, 1747-1755	15.9	187
209	Normal development and function of invariant natural killer T cells in mice with isoglobotrihexosylceramide (iGb3) deficiency. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 5977-82	11.5	185
208	Mage-3 and influenza-matrix peptide-specific cytotoxic T cells are inducible in terminal stage HLA-A2.1+ melanoma patients by mature monocyte-derived dendritic cells. *Journal of Immunology*, **2000**, 165, 3492-6	5.3	184
207	Immunopolarization of CD4+ and CD8+ T cells to Type-1-like is associated with melanocyte loss in human vitiligo. *Laboratory Investigation*, **2003**, 83, 683-95	5.9	181
206	Dendritic cells: a journey from laboratory to clinic. *Nature Immunology*, **2004**, 5, 7-10	19.1	176
205	Lytic versus stimulatory synapse in cytotoxic T lymphocyte/target cell interaction: manifestation of a dual activation threshold. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 14145-50	11.5	172
204	Dependence of T cell antigen recognition on T cell receptor-peptide MHC confinement time. *Immunity*, **2010**, 32, 163-74	32.3	170
203	An expanded peripheral T cell population to a cytotoxic T lymphocyte (CTL)-defined, melanocyte-specific antigen in metastatic melanoma patients impacts on generation of peptide-specific CTLs but does not overcome tumor escape from immune surveillance in metastatic lesions. *Journal of Experimental Medicine*, **1999**, 190, 651-67	16.6	169

202	Plasmacytoid dendritic cells prime IFN-gamma-secreting melanoma-specific CD8 lymphocytes and are found in primary melanoma lesions. *European Journal of Immunology*, **2003**, 33, 1052-62	6.1	168
201	CD169(+) macrophages present lipid antigens to mediate early activation of iNKT cells in lymph nodes. *Nature Immunology*, **2010**, 11, 303-12	19.1	166
200	In vivo expression of natural killer cell inhibitory receptors by human melanoma-specific cytolytic T lymphocytes. *Journal of Experimental Medicine*, **1999**, 190, 775-82	16.6	166
199	The binding affinity and dissociation rates of peptides for class I major histocompatibility complex molecules. *European Journal of Immunology*, **1991**, 21, 2069-75	6.1	164
198	B cell receptor-mediated uptake of CD1d-restricted antigen augments antibody responses by recruiting invariant NKT cell help in vivo. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 8345-50	11.5	162
197	Modulation of human natural killer T cell ligands on TLR-mediated antigen-presenting cell activation. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 20490-5	11.5	160
196	CpG-matured murine plasmacytoid dendritic cells are capable of in vivo priming of functional CD8 T cell responses to endogenous but not exogenous antigens. *Journal of Experimental Medicine*, **2004**, 199, 567-79	16.6	154
195	Tracking T cells with tetramers: new tales from new tools. *Nature Reviews Immunology*, **2002**, 2, 263-72	36.5	150
194	Identification of NY-ESO-1 peptide analogues capable of improved stimulation of tumor-reactive CTL. *Journal of Immunology*, **2000**, 165, 948-55	5.3	148
193	Competition between CTL narrows the immune response induced by prime-boost vaccination protocols. *Journal of Immunology*, **2002**, 168, 4391-8	5.3	138
192	Structures of an MHC class I molecule from B21 chickens illustrate promiscuous peptide binding. *Immunity*, **2007**, 27, 885-99	32.3	137
191	The VITAL assay: a versatile fluorometric technique for assessing CTL- and NKT-mediated cytotoxicity against multiple targets in vitro and in vivo. *Journal of Immunological Methods*, **2004**, 285, 25-40	2.5	137
190	Implications for invariant natural killer T cell ligands due to the restricted presence of isoglobotrihexosylceramide in mammals. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 5971-6	11.5	133
189	Valpha24-JalphaQ-independent, CD1d-restricted recognition of alpha-galactosylceramide by human CD4(+) and CD8alphabeta(+) T lymphocytes. *Journal of Immunology*, **2002**, 168, 5514-20	5.3	133
188	Developmental regulation of Lck targeting to the CD8 coreceptor controls signaling in naive and memory T cells. *Journal of Experimental Medicine*, **1999**, 189, 1521-30	16.6	133
187	Utilizing the adjuvant properties of CD1d-dependent NK T cells in T cell–mediated immunotherapy. *Journal of Clinical Investigation*, **2004**, 114, 1800-1811	15.9	131
186	Psoriatic T cells recognize neolipid antigens generated by mast cell phospholipase delivered by exosomes and presented by CD1a. *Journal of Experimental Medicine*, **2016**, 213, 2399-2412	16.6	131
185	The crystal structure of human CD1b with a bound bacterial glycolipid. *Journal of Immunology*, **2004**, 172, 2382-8	5.3	129

184	Cutting edge: Endoplasmic reticulum stress licenses macrophages to produce mature IL-1β in response to TLR4 stimulation through a caspase-8- and TRIF-dependent pathway. *Journal of Immunology*, **2014**, 192, 2029-2033	5.3	128
183	A shift in the phenotype of melan-A-specific CTL identifies melanoma patients with an active tumor-specific immune response. *Journal of Immunology*, **2000**, 165, 6644-52	5.3	121
182	The proteasome-specific inhibitor lactacystin blocks presentation of cytotoxic T lymphocyte epitopes in human and murine cells. *European Journal of Immunology*, **1997**, 27, 336-41	6.1	117
181	Impaired selection of invariant natural killer T cells in diverse mouse models of glycosphingolipid lysosomal storage diseases. *Journal of Experimental Medicine*, **2006**, 203, 2293-303	16.6	113
180	Systems biology of immunity to MF59-adjuvanted versus nonadjuvanted trivalent seasonal influenza vaccines in early childhood. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 1853-8	11.5	111
179	Genes encoded in the major histocompatibility complex affecting the generation of peptides for TAP transport. *European Journal of Immunology*, **1995**, 25, 554-62	6.1	111
178	Modulation of proteasomal activity required for the generation of a cytotoxic T lymphocyte-defined peptide derived from the tumor antigen MAGE-3. *Journal of Experimental Medicine*, **1999**, 189, 895-906	16.6	109
177	Mature CD8(+) T lymphocyte response to viral infection during fetal life. *Journal of Clinical Investigation*, **2003**, 111, 1747-55	15.9	106
176	Association of a syndrome resembling Wegener's granulomatosis with low surface expression of HLA class-I molecules. *Lancet, The*, **1999**, 354, 1598-603	40	105
175	Increased frequency of regulatory T cells in peripheral blood and tumour infiltrating lymphocytes in colorectal cancer patients. *Cancer Immunity*, **2007**, 7, 7		104
174	CD28-negative cytolytic effector T cells frequently express NK receptors and are present at variable proportions in circulating lymphocytes from healthy donors and melanoma patients. *European Journal of Immunology*, **1999**, 29, 1990-9	6.1	102
173	HIV-1 down-regulates the expression of CD1d via Nef. *European Journal of Immunology*, **2006**, 36, 278-86	6.1	100
172	Dendritic cells enter lymph vessels by hyaluronan-mediated docking to the endothelial receptor LYVE-1. *Nature Immunology*, **2017**, 18, 762-770	19.1	99
171	Intravenous injection of a lentiviral vector encoding NY-ESO-1 induces an effective CTL response. *Journal of Immunology*, **2004**, 172, 1582-7	5.3	99
170	The regulatory role of invariant NKT cells in tumor immunity. *Cancer Immunology Research*, **2015**, 3, 425-35	11.5	94
169	Cord factor and peptidoglycan recapitulate the Th17-promoting adjuvant activity of mycobacteria through mincle/CARD9 signaling and the inflammasome. *Journal of Immunology*, **2013**, 190, 5722-30	5.3	91
168	Frequency and phenotype of circulating Valpha24/Vbeta11 double-positive natural killer T cells during hepatitis C virus infection. *Journal of Virology*, **2003**, 77, 2251-7	6.6	91
167	Antigen processing defects in cervical carcinomas limit the presentation of a CTL epitope from human papillomavirus 16 E6. *Journal of Immunology*, **2001**, 167, 5420-8	5.3	88

166	Rational development of high-affinity T-cell receptor-like antibodies. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 5784-8	11.5	87
165	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. *International Journal of Cancer*, **2005**, 113, 259-66	7.5	86
164	Immunodominance of poxviral-specific CTL in a human trial of recombinant-modified vaccinia Ankara. *Journal of Immunology*, **2005**, 175, 8431-7	5.3	86
163	Apoptotic cells overexpress vinculin and induce vinculin-specific cytotoxic T-cell cross-priming. *Nature Medicine*, **2001**, 7, 807-13	50.5	83
162	T cell receptor CDR2 beta and CDR3 beta loops collaborate functionally to shape the iNKT cell repertoire. *Immunity*, **2009**, 31, 60-71	32.3	82
161	Structure and binding kinetics of three different human CD1d-alpha-galactosylceramide-specific T cell receptors. *Journal of Experimental Medicine*, **2006**, 203, 699-710	16.6	82
160	Bee venom processes human skin lipids for presentation by CD1a. *Journal of Experimental Medicine*, **2015**, 212, 149-63	16.6	80
159	Dendritic cell maturation is induced by mycoplasma infection but not by necrotic cells. *European Journal of Immunology*, **2000**, 30, 705-8	6.1	80
158	Essential role for autophagy during invariant NKT cell development. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, E5678-87	11.5	77
157	Tetramer-guided analysis of TCR beta-chain usage reveals a large repertoire of melan-A-specific CD8+ T cells in melanoma patients. *Journal of Immunology*, **2000**, 165, 533-8	5.3	77
156	Utilizing the adjuvant properties of CD1d-dependent NK T cells in T cell-mediated immunotherapy. *Journal of Clinical Investigation*, **2004**, 114, 1800-11	15.9	74
155	The location of splenic NKT cells favours their rapid activation by blood-borne antigen. *EMBO Journal*, **2012**, 31, 2378-90	13	73
154	Cutting edge: nonglycosidic CD1d lipid ligands activate human and murine invariant NKT cells. *Journal of Immunology*, **2008**, 180, 6452-6	5.3	73
153	High avidity antigen-specific CTL identified by CD8-independent tetramer staining. *Journal of Immunology*, **2003**, 171, 5116-23	5.3	73
152	Quantifying and imaging NY-ESO-1/LAGE-1-derived epitopes on tumor cells using high affinity T cell receptors. *Journal of Immunology*, **2006**, 176, 7308-16	5.3	72
151	BCL6b mediates the enhanced magnitude of the secondary response of memory CD8+ T lymphocytes. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 7418-25	11.5	71
150	Dendritic cell function can be modulated through cooperative actions of TLR ligands and invariant NKT cells. *Journal of Immunology*, **2007**, 178, 2721-9	5.3	70
149	Induction of potent antitumor CTL responses by recombinant vaccinia encoding a melan-A peptide analogue. *Journal of Immunology*, **2000**, 164, 1125-31	5.3	70

148	A novel approach to antigen-specific deletion of CTL with minimal cellular activation using alpha3 domain mutants of MHC class I/peptide complex. *Immunity*, **2001**, 14, 591-602	32.3	68
147	MAIT cell clonal expansion and TCR repertoire shaping in human volunteers challenged with Salmonella ParatyphiA. *Nature Communications*, **2018**, 9, 253	17.4	66
146	Primary deficiency of microsomal triglyceride transfer protein in human abetalipoproteinemia is associated with loss of CD1 function. *Journal of Clinical Investigation*, **2010**, 120, 2889-99	15.9	64
145	Mature dendritic cells prime functionally superior melan-A-specific CD8+ lymphocytes as compared with nonprofessional APC. *Journal of Immunology*, **2001**, 167, 1188-97	5.3	64
144	BCR repertoire sequencing: different patterns of B-cell activation after two Meningococcal vaccines. *Immunology and Cell Biology*, **2015**, 93, 885-95	5	62
143	Fast association rates suggest a conformational change in the MHC class I molecule H-2Db upon peptide binding. *Biochemistry*, **1998**, 37, 3001-12	3.2	62
142	Role of immunoproteasomes in cross-presentation. *Journal of Immunology*, **2006**, 177, 983-90	5.3	62
141	Modulation of cancer-specific immune responses by amino acid degrading enzymes. *Immunotherapy*, **2017**, 9, 83-97	3.8	61
140	Analysis of B Cell Repertoire Dynamics Following Hepatitis B Vaccination in Humans, and Enrichment of Vaccine-specific Antibody Sequences. *EBioMedicine*, **2015**, 2, 2070-9	8.8	61
139	In-Depth Assessment of Within-Individual and Inter-Individual Variation in the B Cell Receptor Repertoire. *Frontiers in Immunology*, **2015**, 6, 531	8.4	60
138	DOCK8 is critical for the survival and function of NKT cells. *Blood*, **2013**, 122, 2052-61	2.2	60
137	Human autoreactive T cells recognize CD1b and phospholipids. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 380-5	11.5	58
136	Activation of Human Mucosal-Associated Invariant T Cells Induces CD40L-Dependent Maturation of Monocyte-Derived and Primary Dendritic Cells. *Journal of Immunology*, **2017**, 199, 2631-2638	5.3	57
135	RANTES activates antigen-specific cytotoxic T lymphocytes in a mitogen-like manner through cell surface aggregation. *International Immunology*, **2000**, 12, 1173-82	4.9	57
134	Filaggrin inhibits generation of CD1a neolipid antigens by house dust mite-derived phospholipase. *Science Translational Medicine*, **2016**, 8, 325ra18	17.5	56
133	MR1-Restricted Mucosal-Associated Invariant T Cells and Their Activation during Infectious Diseases. *Frontiers in Immunology*, **2015**, 6, 303	8.4	56
132	Discovery of deoxyceramides and diacylglycerols as CD1b scaffold lipids among diverse groove-blocking lipids of the human CD1 system. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 19335-40	11.5	56
131	The mechanisms controlling NK cell autoreactivity in TAP2-deficient patients. *Blood*, **2004**, 103, 1770-8	2.2	56

130	Centriole polarisation to the immunological synapse directs secretion from cytolytic cells of both the innate and adaptive immune systems. *BMC Biology*, **2011**, 9, 45	7.3	55
129	Enhanced immunogenicity of CTL antigens through mutation of the CD8 binding MHC class I invariant region. *European Journal of Immunology*, **2007**, 37, 1323-33	6.1	54
128	Antigen potency and maximal efficacy reveal a mechanism of efficient T cell activation. *Science Signaling*, **2011**, 4, ra39	8.8	53
127	CD8+ T cell epitope-flanking mutations disrupt proteasomal processing of HIV-1 Nef. *Journal of Immunology*, **2005**, 175, 4618-26	5.3	53
126	Kinetics and mechanics of two-dimensional interactions between T cell receptors and different activating ligands. *Biophysical Journal*, **2012**, 102, 248-57	2.9	51
125	NKG2A, a New Kid on the Immune Checkpoint Block. *Cell*, **2018**, 175, 1720-1722	56.2	51
124	Impact of alpha interferon and ribavirin on the function of maturing dendritic cells. *Antimicrobial Agents and Chemotherapy*, **2004**, 48, 3382-9	5.9	50
123	Diverse endogenous antigens for mouse NKT cells: self-antigens that are not glycosphingolipids. *Journal of Immunology*, **2011**, 186, 1348-60	5.3	49
122	B and CTL responses to the ALK protein in patients with ALK-positive ALCL. *International Journal of Cancer*, **2006**, 118, 688-95	7.5	49
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120	The Repertoire of Serous Ovarian Cancer Non-genetic Heterogeneity Revealed by Single-Cell Sequencing of Normal Fallopian Tube Epithelial Cells. *Cancer Cell*, **2020**, 37, 226-242.e7	24.3	46
119	Co-delivery of PLGA encapsulated invariant NKT cell agonist with antigenic protein induce strong T cell-mediated antitumor immune responses. *OncoImmunology*, **2016**, 5, e1068493	7.2	45
118	Structural and functional aspects of lipid binding by CD1 molecules. *Annual Review of Cell and Developmental Biology*, **2008**, 24, 369-95	12.6	45
117	Optimal activation of tumor-reactive T cells by selected antigenic peptide analogues. *International Immunology*, **1999**, 11, 1971-80	4.9	44
116	Somatic POLE exonuclease domain mutations are early events in sporadic endometrial and colorectal carcinogenesis, determining driver mutational landscape, clonal neoantigen burden and immune response. *Journal of Pathology*, **2018**, 245, 283-296	9.4	43
115	Recent advances in processing and presentation of CD1 bound lipid antigens. *Current Opinion in Immunology*, **2010**, 22, 81-8	7.8	43
114	Identification of a TAP-independent, immunoproteasome-dependent CD8+ T-cell epitope in Epstein-Barr virus latent membrane protein 2. *Journal of Virology*, **2003**, 77, 2757-61	6.6	43
113	Anti-CD8 antibodies can inhibit or enhance peptide-MHC class I (pMHCI) multimer binding: this is paralleled by their effects on CTL activation and occurs in the absence of an interaction between pMHCI and CD8 on the cell surface. *Journal of Immunology*, **2003**, 171, 6650-60	5.3	43

112	Structural requirements for the peptide-induced conformational change of free major histocompatibility complex class I heavy chains. *European Journal of Immunology*, **1992**, 22, 2085-91	6.1	43
111	Cytoskeletal Control of Antigen-Dependent T Cell Activation. *Cell Reports*, **2019**, 26, 3369-3379.e5	10.6	42
110	B-cell repertoire dynamics after sequential hepatitis B vaccination and evidence for cross-reactive B-cell activation. *Genome Medicine*, **2016**, 8, 68	14.4	42
109	M1-like monocytes are a major immunological determinant of severity in previously healthy adults with life-threatening influenza. *JCI Insight*, **2017**, 2, e91868	9.9	39
108	A case of primary immunodeficiency due to a defect of the major histocompatibility gene complex class I processing and presentation pathway. *Immunology Letters*, **1997**, 57, 183-7	4.1	38
107	Description of HLA class I- and CD8-deficient patients: Insights into the function of cytotoxic T lymphocytes and NK cells in host defense. *Seminars in Immunology*, **2006**, 18, 330-6	10.7	38
106	Elevated and cross-responsive CD1a-reactive T cells in bee and wasp venom allergic individuals. *European Journal of Immunology*, **2016**, 46, 242-52	6.1	38
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104	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. *Journal of Infectious Diseases*, **2018**, 217, 988-999	7	37
103	Harnessing the Power of Invariant Natural Killer T Cells in Cancer Immunotherapy. *Frontiers in Immunology*, **2017**, 8, 1829	8.4	36
102	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. *International Journal of Cancer*, **2015**, 136, E590-601	7.5	33
101	Modulation of CD103 expression on human colon carcinoma-specific CTL. *Journal of Immunology*, **2007**, 178, 2908-15	5.3	32
100	Histone deacetylase inhibitors increase virus gene expression but decrease CD8+ cell antiviral function in HTLV-1 infection. *Blood*, **2006**, 108, 3801-7	2.2	32
99	Globosides but not isoglobosides can impact the development of invariant NKT cells and their interaction with dendritic cells. *Journal of Immunology*, **2012**, 189, 3007-17	5.3	31
98	Ca2+ 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. *Journal of Immunology*, **2010**, 184, 1829-1839	5.3	31
97	Synthetic iNKT cell-agonists as vaccine adjuvants--finding the balance. *Current Opinion in Immunology*, **2010**, 22, 417-24	7.8	31
96	Exploiting retrograde transport of Shiga-like toxin 1 for the delivery of exogenous antigens into the MHC class I presentation pathway. *FEBS Letters*, **1999**, 453, 95-9	3.8	31
95	Impacts of combining anti-PD-L1 immunotherapy and radiotherapy on the tumour immune microenvironment in a murine prostate cancer model. *British Journal of Cancer*, **2020**, 123, 1089-1100	8.7	30

94	A Comprehensive Analysis of Key Immune Checkpoint Receptors on Tumor-Infiltrating T Cells From Multiple Types of Cancer. *Frontiers in Oncology*, **2019**, 9, 1066	5.3	30
93	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	11.5	30
92	High frequency of cytolytic 21-hydroxylase-specific CD8+ T cells in autoimmune Addison's disease patients. *Journal of Immunology*, **2014**, 193, 2118-26	5.3	30
91	Regulation of hematopoiesis in vitro and in vivo by invariant NKT cells. *Blood*, **2006**, 107, 3138-44	2.2	30
90	Biological function of the soluble CEACAM1 protein and implications in TAP2-deficient patients. *European Journal of Immunology*, **2004**, 34, 2138-48	6.1	30
89	Nutritional Stress Induced by Tryptophan-Degrading Enzymes Results in ATF4-Dependent Reprogramming of the Amino Acid Transporter Profile in Tumor Cells. *Cancer Research*, **2016**, 76, 6193-6204	10.1	29
88	Enriched HLA-E and CD94/NKG2A Interaction Limits Antitumor CD8 Tumor-Infiltrating T Lymphocyte Responses. *Cancer Immunology Research*, **2019**, 7, 1293-1306	12.5	27
87	Human T-cell leukemia virus type 1 Tax protein binds to assembled nuclear proteasomes and enhances their proteolytic activity. *Journal of Virology*, **2001**, 75, 11106-15	6.6	27
86	The actin cytoskeleton modulates the activation of iNKT cells by segregating CD1d nanoclusters on antigen-presenting cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, E772-81	11.5	26
85	Synthesis and biological activity of alpha-galactosyl ceramide KRN7000 and galactosyl (alpha1-->2) galactosyl ceramide. *Bioorganic and Medicinal Chemistry Letters*, **2009**, 19, 4288-91	2.9	26
84	Viral immunity: cross-priming with the help of TLR3. *Current Biology*, **2005**, 15, R336-9	6.3	26
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82	Fas ligand breaks tolerance to self-antigens and induces tumor immunity mediated by antibodies. *Cancer Cell*, **2002**, 2, 315-22	24.3	25
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80	Behaviour and neuropathology in mice injected with human contactin-associated protein 2 antibodies. *Brain*, **2019**, 142, 2000-2012	11.2	24
79	Interaction between invariant NKT cells and myeloid-derived suppressor cells in cancer patients: evidence and therapeutic opportunities. *Journal of Immunotherapy*, **2012**, 35, 449-59	5	24
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