Vincenzo Cerundolo

List of Publications by Year
in descending order

241 papers	25,241 citations	82 h-index	150 g-index
		6486	8878

258 all docs	258 docs citations	258 times ranked	26358 citing authors

#	Article	IF	Citations
1	Memory CD8+ T cells vary in differentiation phenotype in different persistent virus infections. Nature Medicine, 2002, 8, 379-385.	15.2	1,432
2	Quantitation of HIV-1-Specific Cytotoxic T Lymphocytes and Plasma Load of Viral RNA. Science, 1998, 279, 2103-2106.	6.0	1,340
3	Characterization of human DNGR-1+ BDCA3+ leukocytes as putative equivalents of mouse CD8Î±+ dendritic cells. Journal of Experimental Medicine, 2010, 207, 1261-1271.	4.2	613
4	Surface Expression of HLA-E, an Inhibitor of Natural Killer Cells, Enhanced by Human Cytomegalovirus gpUL40. Science, 2000, 287, 1031-1033.	6.0	554
5	Analysis of FOXP3 protein expression in human CD4+CD25+ regulatory T cells at the single-cell level. European Journal of Immunology, 2005, 35, 1681-1691.	1.6	528
6	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, 1641-1650.	4.2	475
7	High Frequencies of Naive Melan-a/Mart-1â€“Specific Cd8+ T Cells in a Large Proportion of Human Histocompatibility Leukocyte Antigen (Hla)-A2 Individuals. Journal of Experimental Medicine, 1999, 190, 705-716.	4.2	447
8	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, 5140-5147.	0.4	445
9	Rapid generation of broad T-cell immunity in humans after a single injection of mature dendritic cells. Journal of Clinical Investigation, 1999, 104, 173-180.	3.9	409
10	High Frequency of Skin-homing Melanocyte-specific Cytotoxic T Lymphocytes in Autoimmune Vitiligo. Journal of Experimental Medicine, 1998, 188, 1203-1208.	4.2	408
11	Immune Activation and CD8+ T-Cell Differentiation towards Senescence in HIV-1 Infection. PLoS Biology, 2004, 2, e20.	2.6	399
12	Classification of current anticancer immunotherapies. Oncotarget, 2014, 5, 12472-12508.	0.8	395
13	The crystal structure of human CD1d with and without Î±-galactosylceramide. Nature Immunology, 2005, 6, 819-826.	7.0	363
14	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, 4760-4765.	3.3	343
15	Presentation of viral antigen by MHC class I molecules is dependent on a putative peptide transporter heterodimer. Nature, 1992, 355, 644-646.	13.7	341
16	Harnessing invariant NKT cells in vaccination strategies. Nature Reviews Immunology, 2009, 9, 28-38.	10.6	313
17	Invariant NKT cells reduce the immunosuppressive activity of influenza A virusâ€“induced myeloid-derived suppressor cells in mice and humans. Journal of Clinical Investigation, 2008, 118, 4036-4048.	3.9	299
18	Phase I study in melanoma patients of a vaccine with peptide-pulsed dendritic cells generatedin vitro from CD34+ hematopoietic progenitor cells. , 2000, 86, 385-392.		298

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19	Autophagy is a critical regulator of memory CD8+ T cell formation. ELife, 2014, 3, .	2.8	276
20	Invariant NKT cells modulate the suppressive activity of IL-10-secreting neutrophils differentiated with serum amyloid A. Nature Immunology, 2010, 11, 1039-1046.	7.0	269
21	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
22	Structural and kinetic basis for heightened immunogenicity of T cell vaccines. Journal of Experimental Medicine, 2005, 201, 1243-1255.	4.2	248
23	Structure of human CD1b with bound ligands at 2.3 Ã..., a maze for alkyl chains. Nature Immunology, 2002, 3, 721-726.	7.0	234
24	Biology of CD1- and MR1-Restricted T Cells. Annual Review of Immunology, 2014, 32, 323-366.	9.5	233
25	Characterization of Siglec-H as a novel endocytic receptor expressed on murine plasmacytoid dendritic cell precursors. Blood, 2006, 107, 3600-3608.	0.6	231
26	Peptide-induced conformational change of the class I heavy chain. Nature, 1991, 351, 402-406.	13.7	229
27	Dependence of T Cell Antigen Recognition on T Cell Receptor-Peptide MHC Confinement Time. Immunity, 2010, 32, 163-174.	6.6	214
28	Immunopolarization of CD4+ and CD8+ T Cells to Type-1â€“Like is Associated with Melanocyte Loss in Human Vitiligo. Laboratory Investigation, 2003, 83, 683-695.	1.7	212
29	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, 1131-1144.	4.2	206
30	Mature CD8+ T lymphocyte response to viral infection during fetal life. Journal of Clinical Investigation, 2003, 111, 1747-1755.	3.9	206
31	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, 3492-3496.	0.4	200
32	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, 5977-5982.	3.3	198
33	Dendritic cells: a journey from laboratory to clinic. Nature Immunology, 2004, 5, 7-10.	7.0	194
34	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.	4.2	194
35	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, 14145-14150.	3.3	190
36	The binding affinity and dissociation rates of peptides for class I major histocompatibility complex molecules. European Journal of Immunology, 1991, 21, 2069-2075.	1.6	186

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37	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, 651-668.	4.2	186
38	CD169+ macrophages present lipid antigens to mediate early activation of iNKT cells in lymph nodes. Nature Immunology, 2010, 11, 303-312.	7.0	186
39	Plasmacytoid dendritic cells prime IFN-Î³-secreting melanoma-specific CD8 lymphocytes and are found in primary melanoma lesions. European Journal of Immunology, 2003, 33, 1052-1062.	1.6	184
40	In Vivo Expression of Natural Killer Cell Inhibitory Receptors by Human Melanomaâ€“Specific Cytolytic T Lymphocytes. Journal of Experimental Medicine, 1999, 190, 775-782.	4.2	179
41	B cell receptor-mediated uptake of CD1d-restricted antigen augments antibody responses by recruiting invariant NKT cell helpin vivo. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8345-8350.	3.3	178
42	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, 1853-1858.	3.3	176
43	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, 20490-20495.	3.3	173
44	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, 567-579.	4.2	171
45	Tracking T cells with tetramers: new tales from new tools. Nature Reviews Immunology, 2002, 2, 263-272.	10.6	163
46	Identification of NY-ESO-1 Peptide Analogues Capable of Improved Stimulation of Tumor-Reactive CTL. Journal of Immunology, 2000, 165, 948-955.	0.4	161
47	Structures of an MHC Class I Molecule from B21 Chickens Illustrate Promiscuous Peptide Binding. Immunity, 2007, 27, 885-899.	6.6	161
48	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.	0.6	156
49	Utilizing the adjuvant properties of CD1d-dependent NK T cells in T cellâ€“mediated immunotherapy. Journal of Clinical Investigation, 2004, 114, 1800-1811.	3.9	150
50	Cutting Edge: Endoplasmic Reticulum Stress Licenses Macrophages To Produce Mature IL-1Î² in Response to TLR4 Stimulation through a Caspase-8â€“ and TRIF-Dependent Pathway. Journal of Immunology, 2014, 192, 2029-2033.	0.4	149
51	Dendritic cells enter lymph vessels by hyaluronan-mediated docking to the endothelial receptor LYVE-1. Nature Immunology, 2017, 18, 762-770.	7.0	147
52	Competition Between CTL Narrows the Immune Response Induced by Prime-Boost Vaccination Protocols. Journal of Immunology, 2002, 168, 4391-4398.	0.4	145
53	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, 5971-5976.	3.3	145
54	VÎ±24-JÎ±Q-Independent, CD1d-Restricted Recognition of Î±-Galactosylceramide by Human CD4+ and CD8Î±Î²+ T Lymphocytes. Journal of Immunology, 2002, 168, 5514-5520.	0.4	142

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55	Mature CD8+ T lymphocyte response to viral infection during fetal life. Journal of Clinical Investigation, 2003, 111, 1747-1755.	3.9	140
56	Developmental Regulation of Lck Targeting to the CD8 Coreceptor Controls Signaling in Naive and Memory T Cells. Journal of Experimental Medicine, 1999, 189, 1521-1530.	4.2	138
57	The Crystal Structure of Human CD1b with a Bound Bacterial Glycolipid. Journal of Immunology, 2004, 172, 2382-2388.	0.4	137
58	Association of a syndrome resembling Wegener's granulomatosis with low surface expression of HLA class-I molecules. Lancet, The, 1999, 354, 1598-1603.	6.3	131
59	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, 6644-6652.	0.4	128
60	Impaired selection of invariant natural killer T cells in diverse mouse models of glycosphingolipid lysosomal storage diseases. Journal of Experimental Medicine, 2006, 203, 2293-2303.	4.2	127
61	Genes encoded in the major histocompatibility complex affecting the generation of peptides for TAP transport. European Journal of Immunology, 1995, 25, 554-562.	1.6	123
62	The proteasome-specific inhibitor lactacystin blocks presentation of cytotoxic T lymphocyte epitopes in human and murine cells. European Journal of Immunology, 1997, 27, 336-341.	1.6	122
63	The Regulatory Role of Invariant NKT Cells in Tumor Immunity. Cancer Immunology Research, 2015, 3, 425-435.	1.6	122
64	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.	7.7	117
65	Modulation of Proteasomal Activity Required for the Generation of a Cytotoxic T Lymphocyteâ€“defined Peptide Derived from the Tumor Antigen MAGE-3. Journal of Experimental Medicine, 1999, 189, 895-906.	4.2	116
66	HIV-1 down-regulates the expression of CD1d via Nef. European Journal of Immunology, 2006, 36, 278-286.	1.6	116
67	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
68	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, 1990-1999.	1.6	111
69	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, 5784-5788.	3.3	109
70	MAIT cell clonal expansion and TCR repertoire shaping in human volunteers challenged with Salmonella ParatyphiÂA. Nature Communications, 2018, 9, 253.	5.8	107
71	Increased frequency of regulatory T cells in peripheral blood and tumour infiltrating lymphocytes in colorectal cancer patients. Cancer Immunity, 2007, 7, 7.	3.2	107
72	Intravenous Injection of a Lentiviral Vector Encoding NY-ESO-1 Induces an Effective CTL Response. Journal of Immunology, 2004, 172, 1582-1587.	0.4	106

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73	Antigen Processing Defects in Cervical Carcinomas Limit the Presentation of a CTL Epitope from Human Papillomavirus 16 E6. Journal of Immunology, 2001, 167, 5420-5428.	0.4	101
74	Frequency and Phenotype of Circulating VÎ±24/VÎ²11 Double-Positive Natural Killer T Cells during Hepatitis C Virus Infection. Journal of Virology, 2003, 77, 2251-2257.	1.5	101
75	Bee venom processes human skin lipids for presentation by CD1a. Journal of Experimental Medicine, 2015, 212, 149-163.	4.2	98
76	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.	0.4	96
77	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.	3.3	95
78	Immunodominance of Poxviral-Specific CTL in a Human Trial of Recombinant-Modified Vaccinia Ankara. Journal of Immunology, 2005, 175, 8431-8437.	0.4	93
79	Quantifying and Imaging NY-ESO-1/LAGE-1-Derived Epitopes on Tumor Cells Using High Affinity T Cell Receptors. Journal of Immunology, 2006, 176, 7308-7316.	0.4	93
80	In-Depth Assessment of Within-Individual and Inter-Individual Variation in the B Cell Receptor Repertoire. Frontiers in Immunology, 2015, 6, 531.	2.2	92
81	Analysis of B Cell Repertoire Dynamics Following Hepatitis B Vaccination in Humans, and Enrichment of Vaccine-specific Antibody Sequences. EBioMedicine, 2015, 2, 2070-2079.	2.7	92
82	T Cell Receptor CDR2Î² and CDR3Î² Loops Collaborate Functionally to Shape the iNKT Cell Repertoire. Immunity, 2009, 31, 60-71.	6.6	90
83	Dendritic cell maturation is induced by mycoplasma infection but not by necrotic cells. European Journal of Immunology, 2000, 30, 705-708.	1.6	89
84	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, 259-266.	2.3	89
85	Apoptotic cells overexpress vinculin and induce vinculin-specific cytotoxic T-cell cross-priming. Nature Medicine, 2001, 7, 807-813.	15.2	88
86	High Avidity Antigen-Specific CTL Identified by CD8-Independent Tetramer Staining. Journal of Immunology, 2003, 171, 5116-5123.	0.4	85
87	Structure and binding kinetics of three different human CD1dâ€“Îą-galactosylceramideâ€“specific T cell receptors. Journal of Experimental Medicine, 2006, 203, 699-710.	4.2	85
88	Human autoreactive T cells recognize CD1b and phospholipids. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 380-385.	3.3	85
89	Tetramer-Guided Analysis of TCR Î²-Chain Usage Reveals a Large Repertoire of Melan-A-Specific CD8+ T Cells in Melanoma Patients. Journal of Immunology, 2000, 165, 533-538.	0.4	84
90	BCR repertoire sequencing: different patterns of Bâ€cell activation after two Meningococcal vaccines. Immunology and Cell Biology, 2015, 93, 885-895.	1.0	83

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91	NKG2A, a New Kid on the Immune Checkpoint Block. Cell, 2018, 175, 1720-1722.	13.5	83
92	Dendritic Cell Function Can Be Modulated through Cooperative Actions of TLR Ligands and Invariant NKT Cells. Journal of Immunology, 2007, 178, 2721-2729.	0.4	82
93	The location of splenic NKT cells favours their rapid activation by blood-borne antigen. EMBO Journal, 2012, 31, 2378-2390.	3.5	81
94	Modulation of cancer-specific immune responses by amino acid degrading enzymes. Immunotherapy, 2017, 9, 83-97.	1.0	78
95	Filaggrin inhibits generation of CD1a neolipid antigens by house dust miteâ€“derived phospholipase. Science Translational Medicine, 2016, 8, 325ra18.	5.8	77
96	Utilizing the adjuvant properties of CD1d-dependent NK T cells in T cellâ€“mediated immunotherapy. Journal of Clinical Investigation, 2004, 114, 1800-1811.	3.9	77
97	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, 7418-7425.	3.3	76
98	Cutting Edge: Nonglycosidic CD1d Lipid Ligands Activate Human and Murine Invariant NKT Cells. Journal of Immunology, 2008, 180, 6452-6456.	0.4	76
99	Induction of Potent Antitumor CTL Responses by Recombinant Vaccinia Encoding a Melan-A Peptide Analogue. Journal of Immunology, 2000, 164, 1125-1131.	0.4	75
100	Role of Immunoproteasomes in Cross-Presentation. Journal of Immunology, 2006, 177, 983-990.	0.4	74
101	Primary deficiency of microsomal triglyceride transfer protein in human abetalipoproteinemia is associated with loss of CD1 function. Journal of Clinical Investigation, 2010, 120, 2889-2899.	3.9	71
102	Antigen Potency and Maximal Efficacy Reveal a Mechanism of Efficient T Cell Activation. Science Signaling, 2011, 4, ra39.	1.6	71
103	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.	2.1	71
104	A Novel Approach to Antigen-Specific Deletion of CTL with Minimal Cellular Activation Using Î±3 Domain Mutants of MHC Class I/Peptide Complex. Immunity, 2001, 14, 591-602.	6.6	70
105	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, 19335-19340.	3.3	69
106	RANTES activates antigen-specific cytotoxic T lymphocytes in a mitogen-like manner through cell surface aggregation. International Immunology, 2000, 12, 1173-1182.	1.8	68
107	Kinetics and Mechanics of Two-Dimensional Interactions between T Cell Receptors and Different Activating Ligands. Biophysical Journal, 2012, 102, 248-257.	0.2	68
108	DOCK8 is critical for the survival and function of NKT cells. Blood, 2013, 122, 2052-2061.	0.6	68

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109	Co-delivery of PLGA encapsulated invariant NKT cell agonist with antigenic protein induce strong T cell-mediated antitumor immune responses. OncoImmunology, 2016, 5, e1068493.	2.1	68
110	Cytoskeletal Control of Antigen-Dependent T Cell Activation. Cell Reports, 2019, 26, 3369-3379.e5.	2.9	68
111	Fast Association Rates Suggest a Conformational Change in the MHC Class I Molecule H-2Dbupon Peptide Binding. Biochemistry, 1998, 37, 3001-3012.	1.2	67
112	MR1-Restricted Mucosal-Associated Invariant T Cells and Their Activation during Infectious Diseases. Frontiers in Immunology, 2015, 6, 303.	2.2	66
113	Mature Dendritic Cells Prime Functionally Superior Melan-A-Specific CD8+ Lymphocytes as Compared with Nonprofessional APC. Journal of Immunology, 2001, 167, 1188-1197.	0.4	64
114	B-cell repertoire dynamics after sequential hepatitis B vaccination and evidence for cross-reactive B-cell activation. Genome Medicine, 2016, 8, 68.	3.6	64
115	CD8+ T Cell Epitope-Flanking Mutations Disrupt Proteasomal Processing of HIV-1 Nef. Journal of Immunology, 2005, 175, 4618-4626.	0.4	63
116	The mechanisms controlling NK cell autoreactivity in TAP2-deficient patients. Blood, 2004, 103, 1770-1778.	0.6	62
117	Enhanced immunogenicity of CTL antigens through mutation of the CD8 binding MHC classâ€„I invariant region. European Journal of Immunology, 2007, 37, 1323-1333.	1.6	60
118	Centriole polarisation to the immunological synapse directs secretion from cytolytic cells of both the innate and adaptive immune systems. BMC Biology, 2011, 9, 45.	1.7	60
119	Diverse Streptococcus pneumoniae Strains Drive a Mucosal-Associated Invariant T-Cell Response Through Major Histocompatibility Complex class Iâ€“Related Moleculeâ€“Dependent and Cytokine-Driven Pathways. Journal of Infectious Diseases, 2018, 217, 988-999.	1.9	59
120	M1-like monocytes are a major immunological determinant of severity in previously healthy adults with life-threatening influenza. JCI Insight, 2017, 2, e91868.	2.3	59
121	B and CTL responses to the ALK protein in patients with ALK-positive ALCL. International Journal of Cancer, 2006, 118, 688-695.	2.3	58
122	Impact of Alpha Interferon and Ribavirin on the Function of Maturing Dendritic Cells. Antimicrobial Agents and Chemotherapy, 2004, 48, 3382-3389.	1.4	57
123	Diverse Endogenous Antigens for Mouse NKT Cells: Self-Antigens That Are Not Glycosphingolipids. Journal of Immunology, 2011, 186, 1348-1360.	0.4	54
124	Hepcidin-Mediated Hypoferremia Disrupts Immune Responses to Vaccination and Infection. Med, 2021, 2, 164-179.e12.	2.2	53
125	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, 6650-6660.	0.4	51
126	Expression of MHC Class Iâ€“Related Chain B (MICB) Molecules on Renal Transplant Biopsies. Transplantation, 2006, 81, 1196-1203.	0.5	51

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127	Elevated and crossâ€reactive CD1aâ€reactive T cells in bee and wasp venom allergic individuals. European Journal of Immunology, 2016, 46, 242-252.	1.6	51
128	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.	2.9	51
129	Recent advances in processing and presentation of CD1 bound lipid antigens. Current Opinion in Immunology, 2010, 22, 81-88.	2.4	50
130	Optimal activation of tumor-reactive T cells by selected antigenic peptide analogues. International Immunology, 1999, 11, 1971-1980.	1.8	49
131	Harnessing the Power of Invariant Natural Killer T Cells in Cancer Immunotherapy. Frontiers in Immunology, 2017, 8, 1829.	2.2	49
132	Identification of a TAP-Independent, Immunoproteasome-Dependent CD8 + T-Cell Epitope in Epstein-Barr Virus Latent Membrane Protein 2. Journal of Virology, 2003, 77, 2757-2761.	1.5	48
133	Structural and Functional Aspects of Lipid Binding by CD1 Molecules. Annual Review of Cell and Developmental Biology, 2008, 24, 369-395.	4.0	48
134	Structural requirements for the peptide-induced conformational change of free major histocompatibility complex class I heavy chains. European Journal of Immunology, 1992, 22, 2085-2091.	1.6	46
135	<scp>NYâ€ESO</scp>â€1 specific antibody and cellular responses in melanoma patients primed with <scp>NYâ€ESO</scp>â€1 protein in <scp>ISCOMATRIX</scp> and boosted with recombinant <scp>NYâ€ESO</scp>â€1 fowlpox virus. International Journal of Cancer, 2015, 136, E590-601.	2.3	46
136	Enriched HLA-E and CD94/NKG2A Interaction Limits Antitumor CD8+ Tumor-Infiltrating T Lymphocyte Responses. Cancer Immunology Research, 2019, 7, 1293-1306.	1.6	46
137	Modulation of CD103 Expression on Human Colon Carcinoma-Specific CTL. Journal of Immunology, 2007, 178, 2908-2915.	0.4	45
138	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.	0.4	45
139	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, 183-187.	1.1	43
140	A Comprehensive Analysis of Key Immune Checkpoint Receptors on Tumor-Infiltrating T Cells From Multiple Types of Cancer. Frontiers in Oncology, 2019, 9, 1066.	1.3	43
141	Ligand-dependent downregulation of MR1 cell surface expression. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10465-10475.	3.3	43
142	Efficient priming of antigen-specific cytotoxic T lymphocytes by human cord blood dendritic cells. International Immunology, 2003, 15, 1265-1273.	1.8	42
143	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, 330-336.	2.7	42
144	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

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145	High Frequency of Cytolytic 21-Hydroxylaseâ€“Specific CD8+ T Cells in Autoimmune Addisonâ€™s Disease Patients. Journal of Immunology, 2014, 193, 2118-2126.	0.4	38
146	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
147	Nanovaccine administration route is critical to obtain pertinent iNKt cell help for robust anti-tumor T and B cell responses. OncoImmunology, 2020, 9, 1738813.	2.1	37
148	Ca2+ 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. Journal of Immunology, 2010, 184, 1829-1839.	0.4	36
149	Histone deacetylase inhibitors increase virus gene expression but decrease CD8+ cell antiviral function in HTLV-1 infection. Blood, 2006, 108, 3801-3807.	0.6	35
150	Behaviour and neuropathology in mice injected with human contactin-associated protein 2 antibodies. Brain, 2019, 142, 2000-2012.	3.7	35
151	HLA-Eâ€“restricted, Gag-specific CD8 ⁺ T cells can suppress HIV-1 infection, offering vaccine opportunities. Science Immunology, 2021, 6, .	5.6	35
152	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, 95-99.	1.3	34
153	Regulation of hematopoiesis in vitro and in vivo by invariant NKT cells. Blood, 2006, 107, 3138-3144.	0.6	33
154	Synthesis and biological activity of Î±-galactosyl ceramide KRN7000 and galactosyl (Î±1â†’2) galactosyl ceramide. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 4288-4291.	1.0	33
155	Biological function of the soluble CEACAM1 protein and implications in TAP2-deficient patients. European Journal of Immunology, 2004, 34, 2138-2148.	1.6	32
156	Synthetic iNKT cell-agonists as vaccine adjuvantsâ€”finding the balance. Current Opinion in Immunology, 2010, 22, 417-424.	2.4	32
157	Interaction Between Invariant NKT Cells and Myeloid-derived Suppressor Cells in Cancer Patients. Journal of Immunotherapy, 2012, 35, 449-459.	1.2	32
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