

# Jose A Villadangos

## List of Publications by Year in descending order

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157  
papers

14,564  
citations

23567

58  
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19749

117  
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169  
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169  
docs citations

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times ranked

14547  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cross-presentation, dendritic cell subsets, and the generation of immunity to cellular antigens. <i>Immunological Reviews</i> , 2004, 199, 9-26.	6.0	641
2	Migratory Dendritic Cells Transfer Antigen to a Lymph Node-Resident Dendritic Cell Population for Efficient CTL Priming. <i>Immunity</i> , 2006, 25, 153-162.	14.3	637
3	Cathepsin L: Critical Role in Ii Degradation and CD4 T Cell Selection in the Thymus. <i>Science</i> , 1998, 280, 450-453.	12.6	624
4	Intrinsic and cooperative antigen-presenting functions of dendritic-cell subsets in vivo. <i>Nature Reviews Immunology</i> , 2007, 7, 543-555.	22.7	573
5	Essential Role for Cathepsin S in MHC Class II-Associated Invariant Chain Processing and Peptide Loading. <i>Immunity</i> , 1996, 4, 357-366.	14.3	502
6	Cutting Edge: Generation of Splenic CD8 <sup>+</sup> and CD8 <sup>α</sup> <sup>+</sup> Dendritic Cell Equivalents in Fms-Like Tyrosine Kinase 3 Ligand Bone Marrow Cultures. <i>Journal of Immunology</i> , 2005, 174, 6592-6597.	0.8	491
7	Cathepsin S Required for Normal MHC Class II Peptide Loading and Germinal Center Development. <i>Immunity</i> , 1999, 10, 197-206.	14.3	486
8	Antigen-Presentation Properties of Plasmacytoid Dendritic Cells. <i>Immunity</i> , 2008, 29, 352-361.	14.3	449
9	Cognate CD4 <sup>+</sup> T cell licensing of dendritic cells in CD8 <sup>+</sup> T cell immunity. <i>Nature Immunology</i> , 2004, 5, 1143-1148.	14.5	387
10	The dominant role of CD8 <sup>+</sup> dendritic cells in cross-presentation is not dictated by antigen capture. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 10729-10734.	7.1	357
11	Most lymphoid organ dendritic cell types are phenotypically and functionally immature. <i>Blood</i> , 2003, 102, 2187-2194.	1.4	319
12	The Molecular Signature of Tissue Resident Memory CD8 T Cells Isolated from the Brain. <i>Journal of Immunology</i> , 2012, 189, 3462-3471.	0.8	310
13	Systemic activation of dendritic cells by Toll-like receptor ligands or malaria infection impairs cross-presentation and antiviral immunity. <i>Nature Immunology</i> , 2006, 7, 165-172.	14.5	308
14	Butyrophilin 2A1 is essential for phosphoantigen reactivity by $\gamma\delta$ T cells. <i>Science</i> , 2020, 367, .	12.6	275
15	Cathepsin S activity regulates antigen presentation and immunity.. <i>Journal of Clinical Investigation</i> , 1998, 101, 2351-2363.	8.2	273
16	Cathepsins B and D are dispensable for major histocompatibility complex class II-mediated antigen presentation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 4516-4521.	7.1	248
17	A molecular basis underpinning the T cell receptor heterogeneity of mucosal-associated invariant T cells. <i>Journal of Experimental Medicine</i> , 2014, 211, 1585-1600.	8.5	245
18	Proteases involved in MHC class II antigen presentation. <i>Immunological Reviews</i> , 1999, 172, 109-120.	6.0	223

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19	Cathepsin S Controls the Trafficking and Maturation of Mhc Class II Molecules in Dendritic Cells. <i>Journal of Cell Biology</i> , 1999, 147, 775-790.	5.2	210
20	Differential MHC class II synthesis and ubiquitination confers distinct antigen-presenting properties on conventional and plasmacytoid dendritic cells. <i>Nature Immunology</i> , 2008, 9, 1244-1252.	14.5	202
21	Enhanced survival of lung tissue-resident memory CD8 <sup>+</sup> T cells during infection with influenza virus due to selective expression of IFITM3. <i>Nature Immunology</i> , 2013, 14, 238-245.	14.5	186
22	Degradation of Mouse Invariant Chain: Roles of Cathepsins S and D and the Influence of Major Histocompatibility Complex Polymorphism. <i>Journal of Experimental Medicine</i> , 1997, 186, 549-560.	8.5	185
23	Dendritic cells constitutively present self antigens in their immature state in vivo and regulate antigen presentation by controlling the rates of MHC class II synthesis and endocytosis. <i>Blood</i> , 2004, 103, 2187-2195.	1.4	182
24	Blood-stage <i>Plasmodium</i> infection induces CD8 <sup>+</sup> T lymphocytes to parasite-expressed antigens, largely regulated by CD81 <sup>+</sup> dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 14509-14514.	7.1	179
25	Proteolysis in MHC Class II Antigen Presentation. <i>Immunity</i> , 2000, 12, 233-239.	14.3	177
26	Tumor antigen processing and presentation depend critically on dendritic cell type and the mode of antigen delivery. <i>Blood</i> , 2005, 105, 2465-2472.	1.4	175
27	Cutting Edge: Conventional CD81 <sup>+</sup> Dendritic Cells Are Preferentially Involved in CTL Priming After Footpad Infection with Herpes Simplex Virus-1. <i>Journal of Immunology</i> , 2003, 170, 4437-4440.	0.8	171
28	DEC-205 is a cell surface receptor for CpG oligonucleotides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16270-16275.	7.1	155
29	Selective suicide of cross-presenting CD8 <sup>+</sup> dendritic cells by cytochrome <i>c</i> injection shows functional heterogeneity within this subset. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3029-3034.	7.1	151
30	Different cross-presentation pathways in steady-state and inflammatory dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20377-20381.	7.1	150
31	MHC Class II Expression Is Regulated in Dendritic Cells Independently of Invariant Chain Degradation. <i>Immunity</i> , 2001, 14, 739-749.	14.3	141
32	Control of MHC class II antigen presentation in dendritic cells: a balance between creative and destructive forces. <i>Immunological Reviews</i> , 2005, 207, 191-205.	6.0	139
33	Regulation of Antigen Presentation and Cross-Presentation in the Dendritic Cell Network: Facts, Hypothesis, and Immunological Implications. <i>Advances in Immunology</i> , 2005, 86, 241-305.	2.2	138
34	Life cycle, migration and antigen presenting functions of spleen and lymph node dendritic cells: Limitations of the Langerhans cells paradigm. <i>Seminars in Immunology</i> , 2005, 17, 262-272.	5.6	138
35	The cell biology of cross-presentation and the role of dendritic cell subsets. <i>Immunology and Cell Biology</i> , 2008, 86, 353-362.	2.3	136
36	Antigen presentation by dendritic cells in vivo. <i>Current Opinion in Immunology</i> , 2009, 21, 105-110.	5.5	136

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37	Local Modulation of Antigen-Presenting Cell Development after Resolution of Pneumonia Induces Long-Term Susceptibility to Secondary Infections. <i>Immunity</i> , 2017, 47, 135-147.e5.	14.3	133
38	Alveolar macrophages are epigenetically altered after inflammation, leading to long-term lung immunoparalysis. <i>Nature Immunology</i> , 2020, 21, 636-648.	14.5	128
39	The intracellular pathway for the presentation of vitamin B <sub>6</sub> -related antigens by the antigen-presenting molecule MR1. <i>Nature Immunology</i> , 2016, 17, 531-537.	14.5	127
40	Antibody-targeted vaccination to lung dendritic cells generates tissue-resident memory CD8 T cells that are highly protective against influenza virus infection. <i>Mucosal Immunology</i> , 2015, 8, 1060-1071.	6.0	124
41	Endolysosomal proteases and their inhibitors in immunity. <i>Nature Reviews Immunology</i> , 2009, 9, 871-882.	22.7	114
42	Found in translation: the human equivalent of mouse CD8+ dendritic cells. <i>Journal of Experimental Medicine</i> , 2010, 207, 1131-1134.	8.5	111
43	Putative IKDCs are functionally and developmentally similar to natural killer cells, but not to dendritic cells. <i>Journal of Experimental Medicine</i> , 2007, 204, 2579-2590.	8.5	108
44	The Acquisition of Antigen Cross-Presentation Function by Newly Formed Dendritic Cells. <i>Journal of Immunology</i> , 2011, 186, 5184-5192.	0.8	101
45	Presentation of antigens by MHC class II molecules: getting the most out of them. <i>Molecular Immunology</i> , 2001, 38, 329-346.	2.2	93
46	Normal proportion and expression of maturation markers in migratory dendritic cells in the absence of germs or Toll-like receptor signaling. <i>Immunology and Cell Biology</i> , 2008, 86, 200-205.	2.3	90
47	Characterization of an Immediate Splenic Precursor of CD8+ Dendritic Cells Capable of Inducing Antiviral T Cell Responses. <i>Journal of Immunology</i> , 2009, 182, 4200-4207.	0.8	86
48	GM-CSF increases cross-presentation and CD103 expression by mouse CD8 <sup>+</sup> spleen dendritic cells. <i>European Journal of Immunology</i> , 2011, 41, 2585-2595.	2.9	86
49	Organ-specific isoform selection of fatty acid-binding proteins in tissue-resident lymphocytes. <i>Science Immunology</i> , 2020, 5, .	11.9	85
50	Invariant Chain Controls the Activity of Extracellular Cathepsin L. <i>Journal of Experimental Medicine</i> , 2002, 196, 1263-1270.	8.5	81
51	Lymphoid organ dendritic cells: beyond the Langerhans cells paradigm. <i>Immunology and Cell Biology</i> , 2004, 82, 91-98.	2.3	81
52	Regulation of CD1 Function and NK1.1+ T Cell Selection and Maturation by Cathepsin S. <i>Immunity</i> , 2001, 15, 909-919.	14.3	75
53	The Protease Inhibitor Cystatin C Is Differentially Expressed among Dendritic Cell Populations, but Does Not Control Antigen Presentation. <i>Journal of Immunology</i> , 2003, 171, 5003-5011.	0.8	74
54	Differential use of autophagy by primary dendritic cells specialized in cross-presentation. <i>Autophagy</i> , 2015, 11, 906-917.	9.1	74

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55	Differentiation of Inflammatory Dendritic Cells Is Mediated by NF- $\kappa$ B-Dependent GM-CSF Production in CD4 T Cells. <i>Journal of Immunology</i> , 2011, 186, 5468-5477.	0.8	72
56	Pathophysiological role of respiratory dysbiosis in hospital-acquired pneumonia. <i>Lancet Respiratory Medicine</i> , 2019, 7, 710-720.	10.7	66
57	Downregulation of MHC Class I Expression by Influenza A and B Viruses. <i>Frontiers in Immunology</i> , 2019, 10, 1158.	4.8	65
58	Dendritic cell preactivation impairs MHC class II presentation of vaccines and endogenous viral antigens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 17753-17758.	7.1	64
59	Criteria for Dendritic Cell Receptor Selection for Efficient Antibody-Targeted Vaccination. <i>Journal of Immunology</i> , 2015, 194, 2696-2705.	0.8	63
60	Destructive potential of the aspartyl protease cathepsin D in MHC class II-restricted antigen processing. <i>European Journal of Immunology</i> , 2005, 35, 3442-3451.	2.9	60
61	A Modular and Combinatorial View of the Antigen Cross-Presentation Pathway in Dendritic Cells. <i>Traffic</i> , 2011, 12, 1677-1685.	2.7	60
62	The inflammatory cytokine, GM-CSF, alters the developmental outcome of murine dendritic cells. <i>European Journal of Immunology</i> , 2012, 42, 2889-2900.	2.9	55
63	Ubiquitin ligase MARCH 8 cooperates with CD83 to control surface MHC II expression in thymic epithelium and CD4 T cell selection. <i>Journal of Experimental Medicine</i> , 2016, 213, 1695-1703.	8.5	55
64	Absence of mucosal-associated invariant T cells in a person with a homozygous point mutation in MR1. <i>Science Immunology</i> , 2020, 5, .	11.9	50
65	MR1 presentation of vitamin B-based metabolite ligands. <i>Current Opinion in Immunology</i> , 2015, 34, 28-34.	5.5	46
66	Cytotoxic T Lymphocytes from Cathepsin B-deficient Mice Survive Normally in Vitro and in Vivo after Encountering and Killing Target Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 30485-30491.	3.4	45
67	A Natural Peptide Antigen within the Plasmodium Ribosomal Protein RPL6 Confers Liver TRM Cell-Mediated Immunity against Malaria in Mice. <i>Cell Host and Microbe</i> , 2020, 27, 950-962.e7.	11.0	45
68	Differential expression of pathogen-recognition molecules between dendritic cell subsets revealed by plasma membrane proteomic analysis. <i>Molecular Immunology</i> , 2010, 47, 1765-1773.	2.2	44
69	IL-10 Controls Cystatin C Synthesis and Blood Concentration in Response to Inflammation through Regulation of IFN Regulatory Factor 8 Expression. <i>Journal of Immunology</i> , 2011, 186, 3666-3673.	0.8	43
70	Dendritic Cell Migration and Antigen Presentation Are Coordinated by the Opposing Functions of the Tetraspanins CD82 and CD37. <i>Journal of Immunology</i> , 2016, 196, 978-987.	0.8	43
71	Factors determining the spontaneous activation of splenic dendritic cells in culture. <i>Innate Immunity</i> , 2011, 17, 338-352.	2.4	42
72	Early endosomal maturation of MHC class II molecules independently of cysteine proteases and H-2DM. <i>EMBO Journal</i> , 2000, 19, 882-891.	7.8	41

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73	Changes in the repertoire of peptides bound to HLA-B27 subtypes and to site-specific mutants inside and outside pocket B. <i>Journal of Experimental Medicine</i> , 1993, 177, 613-620.	8.5	40
74	Outside looking in: the inner workings of the crosspresentation pathway within dendritic cells. <i>Trends in Immunology</i> , 2007, 28, 45-47.	6.8	40
75	Blood-stage <i>Plasmodium berghei</i> infection leads to short-lived parasite-associated antigen presentation by dendritic cells. <i>European Journal of Immunology</i> , 2010, 40, 1674-1681.	2.9	40
76	Antibody responses initiated by Clec9A-bearing dendritic cells in normal and <i>Batf3</i> <sup>-/-</sup> mice. <i>Molecular Immunology</i> , 2012, 50, 9-17.	2.2	39
77	Binding of peptides naturally presented by HLA-B27 to the differentially disease-associated B*2704 and B*2706 subtypes, and to mutants mimicking their polymorphism. <i>Tissue Antigens</i> , 1996, 48, 509-518.	1.0	38
78	Cognate CD4+ Help Elicited by Resting Dendritic Cells Does Not Impair the Induction of Peripheral Tolerance in CD8+ T Cells. <i>Journal of Immunology</i> , 2007, 178, 2094-2103.	0.8	38
79	Cutting Edge: B220+CCR9 <sup>+</sup> Dendritic Cells Are Not Plasmacytoid Dendritic Cells but Are Precursors of Conventional Dendritic Cells. <i>Journal of Immunology</i> , 2009, 183, 1514-1517.	0.8	37
80	Unusual topology of an HLA-B27 allospecific T cell epitope lacking peptide specificity. <i>Journal of Immunology</i> , 1994, 152, 2317-23.	0.8	37
81	Resident and Monocyte-Derived Dendritic Cells Become Dominant IL-12 Producers under Different Conditions and Signaling Pathways. <i>Journal of Immunology</i> , 2010, 185, 2125-2133.	0.8	36
82	Hydrocortisone Prevents Immunosuppression by Interleukin-10+ Natural Killer Cells After Trauma-Hemorrhage. <i>Critical Care Medicine</i> , 2014, 42, e752-e761.	0.9	36
83	Endoplasmic reticulum chaperones stabilize ligand-receptive MR1 molecules for efficient presentation of metabolite antigens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24974-24985.	7.1	36
84	Marginal zone B cells acquire dendritic cell functions by trogocytosis. <i>Science</i> , 2022, 375, eabf7470.	12.6	36
85	Virus-Mediated Suppression of the Antigen Presentation Molecule MR1. <i>Cell Reports</i> , 2020, 30, 2948-2962.e4.	6.4	35
86	Modulation of peptide binding by HLA-B27 polymorphism in pockets A and B, and peptide specificity of B*2703. <i>European Journal of Immunology</i> , 1995, 25, 2370-2377.	2.9	34
87	HLA-B27 (B*2701) specificity for peptides lacking Arg2 is determined by polymorphism outside the B pocket. <i>Tissue Antigens</i> , 1997, 49, 580-587.	1.0	34
88	Modulation of antigen presentation by intracellular trafficking. <i>Current Opinion in Immunology</i> , 2015, 34, 16-21.	5.5	34
89	Respiratory DC Use IFITM3 to Avoid Direct Viral Infection and Safeguard Virus-Specific CD8+ T Cell Priming. <i>PLoS ONE</i> , 2015, 10, e0143539.	2.5	34
90	MARCH ligases in immunity. <i>Current Opinion in Immunology</i> , 2019, 58, 38-43.	5.5	33

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91	Immune insufficiency during GVHD is due to defective antigen presentation within dendritic cell subsets. <i>Blood</i> , 2012, 119, 5918-5930.	1.4	32
92	Is it a DC, is it an NK? No, it's an IKDC. <i>Nature Medicine</i> , 2006, 12, 167-168.	30.7	30
93	Targeting antigen to bone marrow stromal cell $\alpha$ 2 expressed by conventional and plasmacytoid dendritic cells elicits efficient antigen presentation. <i>European Journal of Immunology</i> , 2013, 43, 595-605.	2.9	29
94	How MR1 Presents a Pathogen Metabolic Signature to Mucosal-Associated Invariant T (MAIT) Cells. <i>Trends in Immunology</i> , 2017, 38, 679-689.	6.8	29
95	MARCH1-mediated ubiquitination of MHC II impacts the MHC I antigen presentation pathway. <i>PLoS ONE</i> , 2018, 13, e0200540.	2.5	29
96	Inflammation Conditions Mature Dendritic Cells To Retain the Capacity To Present New Antigens but with Altered Cytokine Secretion Function. <i>Journal of Immunology</i> , 2014, 193, 3851-3859.	0.8	27
97	Spatiotemporal Adaptations of Macrophage and Dendritic Cell Development and Function. <i>Annual Review of Immunology</i> , 2022, 40, 525-557.	21.8	27
98	A Critical Role for Granzymes in Antigen Cross-Presentation through Regulating Phagocytosis of Killed Tumor Cells. <i>Journal of Immunology</i> , 2011, 187, 1166-1175.	0.8	24
99	Control of MHC II antigen presentation by ubiquitination. <i>Current Opinion in Immunology</i> , 2013, 25, 109-114.	5.5	24
100	Developmental Regulation of Synthesis and Dimerization of the Amyloidogenic Protease Inhibitor Cystatin C in the Hematopoietic System. <i>Journal of Biological Chemistry</i> , 2014, 289, 9730-9740.	3.4	24
101	No driving without a license. <i>Nature Immunology</i> , 2005, 6, 125-126.	14.5	23
102	Modulation of dendritic cell antigen presentation by pathogens, tissue damage and secondary inflammatory signals. <i>Current Opinion in Pharmacology</i> , 2014, 17, 64-70.	3.5	23
103	The role of dendritic cell alterations in susceptibility to hospital-acquired infections during critical-illness related immunosuppression. <i>Molecular Immunology</i> , 2015, 68, 120-123.	2.2	22
104	Dendritic cell Flt3 $\alpha$ regulation, roles and repercussions for immunotherapy. <i>Immunology and Cell Biology</i> , 2021, 99, 962-971.	2.3	22
105	Role of binding pockets for amino-terminal peptide residues in HLA-B27 allorecognition. <i>Journal of Immunology</i> , 1992, 149, 505-10.	0.8	22
106	Hepatitis B virus-like particles access major histocompatibility class I and II antigen presentation pathways in primary dendritic cells. <i>Vaccine</i> , 2013, 31, 2310-2316.	3.8	21
107	MR1 antigen presentation to MAIT cells: new ligands, diverse pathways?. <i>Current Opinion in Immunology</i> , 2018, 52, 108-113.	5.5	21
108	Autophagy and Mechanisms of Effective Immunity. <i>Frontiers in Immunology</i> , 2012, 3, 60.	4.8	20

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109	Type 1 conventional dendritic cell fate and function are controlled by DC-SCRIPT. <i>Science Immunology</i> , 2021, 6, .	11.9	19
110	CD69 Does Not Affect the Extent of T Cell Priming. <i>PLoS ONE</i> , 2012, 7, e48593.	2.5	19
111	Hold On, the Monocytes Are Coming!. <i>Immunity</i> , 2007, 26, 390-392.	14.3	17
112	Differential effect of CD69 targeting on bystander and antigen-specific T cell proliferation. <i>Journal of Leukocyte Biology</i> , 2012, 92, 145-158.	3.3	17
113	Serpina1 is a marker of antigen cross-presenting dendritic cells. <i>Molecular Immunology</i> , 2017, 82, 50-56.	2.2	17
114	RNF41 regulates the damage recognition receptor Clec9A and antigen cross-presentation in mouse dendritic cells. <i>ELife</i> , 2020, 9, .	6.0	16
115	Structure of HLA-B27-specific T cell epitopes. Antigen presentation in B2703 is limited mostly to a subset of the antigenic determinants on B2705. <i>European Journal of Immunology</i> , 1994, 24, 2548-2555.	2.9	15
116	Serpina1 (Spi6)â€ˆdeficient mice are impaired in dendritic cellâ€ˆmediated antigen crossâ€ˆpresentation. <i>Immunology and Cell Biology</i> , 2012, 90, 841-851.	2.3	15
117	Rapid Deletion and Inactivation of CTLs upon Recognition of a Number of Target Cells over a Critical Threshold. <i>Journal of Immunology</i> , 2013, 191, 3534-3544.	0.8	15
118	Targeting the Gut Vascular Endothelium Induces Gut Effector CD8 T Cell Responses Via Cross-Presentation by Dendritic Cells. <i>Journal of Immunology</i> , 2007, 179, 5678-5685.	0.8	14
119	Antibody-mediated targeting of antigen to C-type lectin-like receptors Clec9A and Clec12A elicits different vaccination outcomes. <i>Molecular Immunology</i> , 2017, 81, 143-150.	2.2	14
120	Induction of antigenâ€ˆspecific effectorâ€ˆphase tolerance following vaccination against a previously ignored Bâ€ˆcell lymphoma. <i>Immunology and Cell Biology</i> , 2011, 89, 595-603.	2.3	13
121	Consequences of direct and indirect activation of dendritic cells on antigen presentation: Functional implications and clinical considerations. <i>Molecular Immunology</i> , 2013, 55, 175-178.	2.2	13
122	Cross-reactive T cell clones from unrelated individuals reveal similarities in peptide presentation between HLA-B27 and HLA-DR2. <i>Journal of Immunology</i> , 1993, 150, 2675-86.	0.8	13
123	Unlocking autofluorescence in the era of full spectrum analysis: Implications for immunophenotype discovery projects. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2022, 101, 922-941.	1.5	13
124	Ubiquitin-like protein 3 (UBL3) is required for MARCH ubiquitination of major histocompatibility complex class II and CD86. <i>Nature Communications</i> , 2022, 13, 1934.	12.8	13
125	Target Density, Not Affinity or Avidity of Antigen Recognition, Determines Adoptive T Cell Therapy Outcomes in a Mouse Lymphoma Model. <i>Journal of Immunology</i> , 2016, 196, 3935-3942.	0.8	12
126	Understanding hostâ€ˆpathogen interaction. <i>Intensive Care Medicine</i> , 2016, 42, 2084-2086.	8.2	12



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127	Endogenous Murine BST-2/Tetherin Is Not a Major Restriction Factor of Influenza A Virus Infection. PLoS ONE, 2015, 10, e0142925.	2.5	12
128	Antigen-specific impairment of adoptive T cell therapy against cancer: players, mechanisms, solutions and a hypothesis. Immunological Reviews, 2016, 272, 169-182.	6.0	11
129	DNA-based probes for flow cytometry analysis of endocytosis and recycling. Traffic, 2017, 18, 242-249.	2.7	11
130	MR1: a multi-faceted metabolite sensor for T cell activation. Current Opinion in Immunology, 2020, 64, 124-129.	5.5	11
131	Varicella Zoster Virus Impairs Expression of the Nonclassical Major Histocompatibility Complex Class II-Related Gene Protein (MR1). Journal of Infectious Diseases, 2023, 227, 391-401.	4.0	11
132	Ubiquitination of MHC Class II Is Required for Development of Regulatory but Not Conventional CD4+ T Cells. Journal of Immunology, 2020, 205, 1207-1216.	0.8	10
133	MHC Class II Ubiquitination Regulates Dendritic Cell Function and Immunity. Journal of Immunology, 2021, 207, 2255-2264.	0.8	10
134	Regulation of dendritic cell function by Fc-gammaR3-receptors and the neonatal Fc receptor. Molecular Immunology, 2021, 139, 193-201.	2.2	10
135	Switching from a restricted to an effective CD4 T cell response by activating CD8+ murine dendritic cells with a Toll-like receptor-9 ligand. European Journal of Immunology, 2005, 35, 3209-3220.	2.9	9
136	CD36 family members are TCR-independent ligands for CD1 antigen-presenting molecules. Science Immunology, 2021, 6, .	11.9	7
137	Membrane-associated RING-CH (MARCH) proteins down-regulate cell surface expression of the interleukin-6 receptor alpha chain (IL6R1). Biochemical Journal, 2019, 476, 2869-2882.	3.7	7
138	T cell receptor usage in alloreactivity against HLA-B*2703 reveals significant conservation of the antigenic structure of B*2705. Tissue Antigens, 1996, 47, 478-484.	1.0	6
139	Selecting cells with different Alzheimer's disease gamma-secretase activity using FACS. Differential effect of presenilin exon 9 deletion on gamma- and epsilon-cleavage. FEBS Journal, 2003, 270, 495-506.	0.2	6
140	Antigen processing and recognition. Current Opinion in Immunology, 2007, 19, 63-65.	5.5	5
141	Shutdown of immunological priming and presentation after in vivo administration of adenovirus. Gene Therapy, 2012, 19, 1095-1100.	4.5	5
142	Physiological substrates and ontogeny-specific expression of the ubiquitin ligases MARCH1 and MARCH8. Current Research in Immunology, 2021, 2, 218-228.	2.8	5
143	MAIT cells accumulate in ovarian cancer-elicited ascites where they retain their capacity to respond to MR1 ligands and cytokine cues. Cancer Immunology, Immunotherapy, 2022, 71, 1259-1273.	4.2	5
144	Reply to Burgdorf et al.: The mannose receptor is not involved in antigen cross-presentation by steady-state dendritic cells. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, .	7.1	4

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145	Antigen-presenting cells look within during influenza infection. <i>Nature Medicine</i> , 2015, 21, 1123-1125.	30.7	4
146	Differential antigenic requirements by diverse MR1-restricted T cells. <i>Immunology and Cell Biology</i> , 2022, 100, 112-126.	2.3	3
147	Antigen processing. <i>Current Opinion in Immunology</i> , 2013, 25, 71-73.	5.5	2
148	Editorial overview: New proteins, cellular processes and intercellular interactions involved in antigen presentation. <i>Current Opinion in Immunology</i> , 2019, 58, iii-iv.	5.5	2
149	Ubiquitin Ligase MARCH8 attenuates Graft versus Host Disease via Regulation of Gut Epithelial Cell Surface MHC II Expression.. <i>Transplantation</i> , 2018, 102, S300.	1.0	1
150	Peptide binding to the differentially disease-associated HLA-B*2704 and B*2706 and to mutants mimicking their polymorphism. <i>Human Immunology</i> , 1996, 47, 18.	2.4	0
151	T-cell receptor usage in alloreactivity against HLA-B*2703 reveals much conservation of the antigenic structure of B*2705. <i>Human Immunology</i> , 1996, 47, 108.	2.4	0
152	Antigen-presenting cells and antigen presentation. , 2008, , 103-111.		0
153	Immune Insufficiency After Experimental Transplantation Is Due to Defective Antigen Presentation Within Dendritic Cell Subsets. <i>Biology of Blood and Marrow Transplantation</i> , 2012, 18, S225.	2.0	0
154	Role of UNC93B1 in the MHC class I cross presentation pathway. <i>Molecular Immunology</i> , 2012, 51, 24-25.	2.2	0
155	Indirectly activated dendritic cells are able to present antigens after maturation through sustained MHCII synthesis. <i>Molecular Immunology</i> , 2012, 51, 35.	2.2	0
156	Reply to: "Differential expression of serpins may selectively license distinct granzyme B functions including antigen cross-presentation". <i>Molecular Immunology</i> , 2017, 87, 327-328.	2.2	0
157	The MARCH family joins the antigen cross-presentation party. <i>Immunology and Cell Biology</i> , 2017, 95, 737-738.	2.3	0