

Pierre Guermonprez

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

8,520
citations

136950

32
h-index

197818

49
g-index

53
all docs

53
docs citations

53
times ranked

11186
citing authors

#	ARTICLE	IF	CITATIONS
1	Antigen Presentation and T Cell Stimulation by Dendritic Cells. Annual Review of Immunology, 2002, 20, 621-667.	21.8	1,577
2	In Vivo Analysis of Dendritic Cell Development and Homeostasis. Science, 2009, 324, 392-397.	12.6	764
3	NOX2 Controls Phagosomal pH to Regulate Antigen Processing during Crosspresentation by Dendritic Cells. Cell, 2006, 126, 205-218.	28.9	754
4	ER-phagosome fusion defines an MHC class I cross-presentation compartment in dendritic cells. Nature, 2003, 425, 397-402.	27.8	669
5	The receptor tyrosine kinase Flt3 is required for dendritic cell development in peripheral lymphoid tissues. Nature Immunology, 2008, 9, 676-683.	14.5	545
6	Expression of the zinc finger transcription factor zDC (Zbtb46, Btbd4) defines the classical dendritic cell lineage. Journal of Experimental Medicine, 2012, 209, 1153-1165.	8.5	429
7	The Adenylate Cyclase Toxin of Bordetella pertussis Binds to Target Cells via the $\alpha 2$ Integrin (Cd11b/Cd18). Journal of Experimental Medicine, 2001, 193, 1035-1044.	8.5	310
8	Neutrophils efficiently cross-prime naive T cells in vivo. Blood, 2007, 110, 2965-2973.	1.4	254
9	The Heterogeneity of Ly6Chi Monocytes Controls Their Differentiation into iNOS+ Macrophages or Monocyte-Derived Dendritic Cells. Immunity, 2016, 45, 1205-1218.	14.3	237
10	IRAP Identifies an Endosomal Compartment Required for MHC Class I Cross-Presentation. Science, 2009, 325, 213-217.	12.6	226
11	Cross-presenting CD103+ dendritic cells are protected from influenza virus infection. Journal of Clinical Investigation, 2012, 122, 4037-4047.	8.2	218
12	Dendritic Cells Are Host Cells for Mycobacteria In Vivo That Trigger Innate and Acquired Immunity. Journal of Immunology, 2002, 168, 1294-1301.	0.8	208
13	Transcriptional and Functional Analysis of CD1c+ Human Dendritic Cells Identifies a CD163+ Subset Priming CD8+CD103+ T Cells. Immunity, 2020, 53, 335-352.e8.	14.3	206
14	Route of Antigen Uptake Differentially Impacts Presentation by Dendritic Cells and Activated Monocytes. Journal of Immunology, 2010, 185, 3426-3435.	0.8	198
15	Intestinal monocytes and macrophages are required for T cell polarization in response to <i>Citrobacter rodentium</i> . Journal of Experimental Medicine, 2013, 210, 2025-2039.	8.5	176
16	Tissue-resident FOLR2+ macrophages associate with CD8+ T cell infiltration in human breast cancer. Cell, 2022, 185, 1189-1207.e25.	28.9	166
17	A Role for Lipid Bodies in the Cross-presentation of Phagocytosed Antigens by MHC Class I in Dendritic Cells. Immunity, 2009, 31, 232-244.	14.3	146
18	Control of cross-presentation during dendritic cell maturation. European Journal of Immunology, 2004, 34, 398-407.	2.9	134

#	ARTICLE	IF	CITATIONS
19	Inflammatory Flt3l is essential to mobilize dendritic cells and for T cell responses during Plasmodium infection. <i>Nature Medicine</i> , 2013, 19, 730-738.	30.7	134
20	Cross-presentation of cell-associated antigens by MHC class I in dendritic cell subsets. <i>Frontiers in Immunology</i> , 2015, 6, 363.	4.8	126
21	Zinc finger transcription factor zDC is a negative regulator required to prevent activation of classical dendritic cells in the steady state. <i>Journal of Experimental Medicine</i> , 2012, 209, 1583-1593.	8.5	98
22	Delivery of CD8 ⁺ T-Cell Epitopes into Major Histocompatibility Complex Class I Antigen Presentation Pathway by <i>Bordetella pertussis</i> Adenylate Cyclase: Delineation of Cell Invasive Structures and Permissive Insertion Sites. <i>Infection and Immunity</i> , 2000, 68, 247-256.	2.2	95
23	Pathways for antigen cross presentation. <i>Seminars in Immunopathology</i> , 2005, 26, 257-271.	4.0	74
24	Neonatal and adult microglia cross-present exogenous antigens. <i>Glia</i> , 2008, 56, 69-77.	4.9	59
25	Antigen presentation by B lymphocytes: how receptor signaling directs membrane trafficking. <i>Current Opinion in Immunology</i> , 2007, 19, 93-98.	5.5	55
26	Inducible targeting of cDCs and their subsets in vivo. <i>Journal of Immunological Methods</i> , 2016, 434, 32-38.	1.4	55
27	Regulation of phagocyte triglyceride by a STAT-ATG2 pathway controls mycobacterial infection. <i>Nature Communications</i> , 2017, 8, 14642.	12.8	55
28	Differential effects of cocaine on histone posttranslational modifications in identified populations of striatal neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9511-9516.	7.1	51
29	In vivo receptor-mediated delivery of a recombinant invasive bacterial toxoid to CD11c ⁺ CD8 ⁺ CD11b ^{high} dendritic cells. <i>European Journal of Immunology</i> , 2002, 32, 3071-3081.	2.9	50
30	Measuring pH, ROS Production, Maturation, and Degradation in Dendritic Cell Phagosomes Using Cytofluorometry-Based Assays. <i>Methods in Molecular Biology</i> , 2010, 595, 383-402.	0.9	50
31	Intracellular Transport Routes for MHC I and Their Relevance for Antigen Cross-Presentation. <i>Frontiers in Immunology</i> , 2015, 6, 335.	4.8	49
32	Selection of an Antibody Library Identifies a Pathway to Induce Immunity by Targeting CD36 on Steady-State CD8 ⁺ Dendritic Cells. <i>Journal of Immunology</i> , 2008, 180, 3201-3209.	0.8	41
33	TIM4 expression by dendritic cells mediates uptake of tumor-associated antigens and anti-tumor responses. <i>Nature Communications</i> , 2021, 12, 2237.	12.8	35
34	Origin and development of classical dendritic cells. <i>International Review of Cell and Molecular Biology</i> , 2019, 349, 1-54.	3.2	31
35	Immune responses induced by recombinant BCG strains according to level of production of a foreign antigen: MalE. <i>Vaccine</i> , 2000, 18, 2636-2647.	3.8	30
36	IRAP-dependent endosomal T cell receptor signalling is essential for T cell responses. <i>Nature Communications</i> , 2020, 11, 2779.	12.8	27

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37	Epithelial colonization by gut dendritic cells promotes their functional diversification. <i>Immunity</i> , 2022, 55, 129-144.e8.	14.3	27
38	Benznidazole, a drug used in Chagas' disease, ameliorates LPS-induced inflammatory response in mice. <i>Life Sciences</i> , 2004, 76, 685-697.	4.3	23
39	An improved flow cytometry assay to monitor phagosome acidification. <i>Journal of Immunological Methods</i> , 2014, 412, 1-13.	1.4	23
40	Engineered niches support the development of human dendritic cells in humanized mice. <i>Nature Communications</i> , 2020, 11, 2054.	12.8	21
41	[32] Bordetella pertussis adenylate cyclase toxin: A vehicle to deliver CD8-positive T-cell epitopes into antigen-presenting cells. <i>Methods in Enzymology</i> , 2000, 326, 527-542.	1.0	17
42	The protein tyrosine phosphatase PTPN22 negatively regulates presentation of immune complex derived antigens. <i>Scientific Reports</i> , 2018, 8, 12692.	3.3	17
43	Protein tyrosine phosphatase PTPN22 is dispensable for dendritic cell antigen processing and promotion of T-cell activation by dendritic cells. <i>PLoS ONE</i> , 2017, 12, e0186625.	2.5	11
44	Development and function of human dendritic cells in humanized mice models. <i>Molecular Immunology</i> , 2020, 125, 151-161.	2.2	10
45	Editorial: Monocyte Heterogeneity and Function. <i>Frontiers in Immunology</i> , 2020, 11, 626725.	4.8	9
46	mAb against hen egg-white lysozyme regulate its presentation to CD4+ T cells. <i>International Immunology</i> , 1999, 11, 1863-1872.	4.0	8
47	Inflammasome activation: a monocyte lineage privilege. <i>Nature Immunology</i> , 2019, 20, 383-385.	14.5	8
48	Harnessing Mesenchymal Stromal Cells for the Engineering of Human Hematopoietic Niches. <i>Frontiers in Immunology</i> , 2021, 12, 631279.	4.8	6
49	Phosphatase PTPN22 Regulates Dendritic Cell Homeostasis and cDC2 Dependent T Cell Responses. <i>Frontiers in Immunology</i> , 2020, 11, 376.	4.8	3
50	In vivo receptor-mediated delivery of a recombinant invasive bacterial toxoid to CD11c+CD81±â€“CD11bhigh dendritic cells. , 2002, 32, 3071.		1
51	MHC class I and II pathways for presentation and cross-presentation of bacterial antigens. , 0, , 51-78.		0