Pierre Guermonprez

List of Publications by Year
in descending order

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	Epithelial colonization by gut dendritic cells promotes their functional diversification. Immunity, 2022, 55, 129-144.e8.	14.3	27
2	Tissue-resident FOLR2+ macrophages associate with CD8+ TÂcell infiltration in human breast cancer. Cell, 2022, 185, 1189-1207.e25.	28.9	166
3	Harnessing Mesenchymal Stromal Cells for the Engineering of Human Hematopoietic Niches. Frontiers in Immunology, 2021, 12, 631279.	4.8	6
4	TIM4 expression by dendritic cells mediates uptake of tumor-associated antigens and anti-tumor responses. Nature Communications, 2021, 12, 2237.	12.8	35
5	Development and function of human dendritic cells in humanized mice models. Molecular Immunology, 2020, 125, 151-161.	2.2	10
6	IRAP-dependent endosomal T cell receptor signalling is essential for T cell responses. Nature Communications, 2020, 11, 2779.	12.8	27
7	Phosphatase PTPN22 Regulates Dendritic Cell Homeostasis and cDC2 Dependent T Cell Responses. Frontiers in Immunology, 2020, 11, 376.	4.8	3
8	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
9	Engineered niches support the development of human dendritic cells in humanized mice. Nature Communications, 2020, 11, 2054.	12.8	21
10	Editorial: Monocyte Heterogeneity and Function. Frontiers in Immunology, 2020, 11, 626725.	4.8	9
11	Inflammasome activation: a monocyte lineage privilege. Nature Immunology, 2019, 20, 383-385.	14.5	8
12	Origin and development of classical dendritic cells. International Review of Cell and Molecular Biology, 2019, 349, 1-54.	3.2	31
13	The protein tyrosine phosphatase PTPN22 negatively regulates presentation of immune complex derived antigens. Scientific Reports, 2018, 8, 12692.	3.3	17
14	Regulation of phagocyte triglyceride by a STAT-ATG2 pathway controls mycobacterial infection. Nature Communications, 2017, 8, 14642.	12.8	55
15	Protein tyrosine phosphatase PTPN22 is dispensable for dendritic cell antigen processing and promotion of T-cell activation by dendritic cells. PLoS ONE, 2017, 12, e0186625.	2.5	11
16	The Heterogeneity of Ly6Chi Monocytes Controls Their Differentiation into iNOS+ Macrophages or Monocyte-Derived Dendritic Cells. Immunity, 2016, 45, 1205-1218.	14.3	237
17	Inducible targeting of cDCs and their subsets in vivo. Journal of Immunological Methods, 2016, 434, 32-38.	1.4	55
18	Intracellular Transport Routes for MHC I and Their Relevance for Antigen Cross-Presentation. Frontiers in Immunology, 2015, 6, 335.	4.8	49

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19	Cross-presentation of cell-associated antigens by MHC class I in dendritic cell subsets. Frontiers in Immunology, 2015, 6, 363.	4.8	126
20	An improved flow cytometry assay to monitor phagosome acidification. Journal of Immunological Methods, 2014, 412, 1-13.	1.4	23
21	Inflammatory Flt3l is essential to mobilize dendritic cells and for T cell responses during Plasmodium infection. Nature Medicine, 2013, 19, 730-738.	30.7	134
22	Intestinal monocytes and macrophages are required for T cell polarization in response to Citrobacter rodentium. Journal of Experimental Medicine, 2013, 210, 2025-2039.	8.5	176
23	Differential effects of cocaine on histone posttranslational modifications in identified populations of striatal neurons. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9511-9516.	7.1	51
24	Zinc finger transcription factor zDC is a negative regulator required to prevent activation of classical dendritic cells in the steady state. Journal of Experimental Medicine, 2012, 209, 1583-1593.	8.5	98
25	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
26	Cross-presenting CD103+ dendritic cells are protected from influenza virus infection. Journal of Clinical Investigation, 2012, 122, 4037-4047.	8.2	218
27	Route of Antigen Uptake Differentially Impacts Presentation by Dendritic Cells and Activated Monocytes. Journal of Immunology, 2010, 185, 3426-3435.	0.8	198
28	Measuring pH, ROS Production, Maturation, and Degradation in Dendritic Cell Phagosomes Using Cytofluorometry-Based Assays. Methods in Molecular Biology, 2010, 595, 383-402.	0.9	50
29	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
30	IRAP Identifies an Endosomal Compartment Required for MHC Class I Cross-Presentation. Science, 2009, 325, 213-217.	12.6	226
31	In Vivo Analysis of Dendritic Cell Development and Homeostasis. Science, 2009, 324, 392-397.	12.6	764
32	Neonatal and adult microglia crossâ€present exogenous antigens. Glia, 2008, 56, 69-77.	4.9	59
33	The receptor tyrosine kinase Flt3 is required for dendritic cell development in peripheral lymphoid tissues. Nature Immunology, 2008, 9, 676-683.	14.5	545
34	Selection of an Antibody Library Identifies a Pathway to Induce Immunity by Targeting CD36 on Steady-State CD8Î±+ Dendritic Cells. Journal of Immunology, 2008, 180, 3201-3209.	0.8	41
35	Neutrophils efficiently cross-prime naive T cells in vivo. Blood, 2007, 110, 2965-2973.	1.4	254
36	Antigen presentation by B lymphocytes: how receptor signaling directs membrane trafficking. Current Opinion in Immunology, 2007, 19, 93-98.	5.5	55

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37	NOX2 Controls Phagosomal pH to Regulate Antigen Processing during Crosspresentation by Dendritic Cells. Cell, 2006, 126, 205-218.	28.9	754
38	Pathways for antigen cross presentation. Seminars in Immunopathology, 2005, 26, 257-271.	4.0	74
39	Control of cross-presentation during dendritic cell maturation. European Journal of Immunology, 2004, 34, 398-407.	2.9	134
40	Benznidazole, a drug used in Chagas' disease, ameliorates LPS-induced inflammatory response in mice. Life Sciences, 2004, 76, 685-697.	4.3	23
41	ERâ€“phagosome fusion defines an MHC class I cross-presentation compartment in dendritic cells. Nature, 2003, 425, 397-402.	27.8	669
42	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
43	In vivo receptor-mediated delivery of a recombinant invasive bacterial toxoid to CD11c+CD8Î±CD11bhigh dendritic cells. European Journal of Immunology, 2002, 32, 3071-3081.	2.9	50
44	Antigen Presentation and T Cell Stimulation by Dendritic Cells. Annual Review of Immunology, 2002, 20, 621-667.	21.8	1,577
45	In vivo receptor-mediated delivery of a recombinant invasive bacterial toxoid to CD11c+CD8Î±â€“CD11bhigh dendritic cells. , 2002, 32, 3071.		1
46	The Adenylate Cyclase Toxin of Bordetella pertussis Binds to Target Cells via the Î±MÎ²2 Integrin (Cd11b/Cd18). Journal of Experimental Medicine, 2001, 193, 1035-1044.	8.5	310
47	[32] Bordetella pertussis adenylate cyclase toxin: A vehicle to deliver CD8-positive T-cell epitopes into antigen-presenting cells. Methods in Enzymology, 2000, 326, 527-542.	1.0	17
48	Delivery of CD8⁺T-Cell Epitopes into Major Histocompatibility Complex Class I Antigen Presentation Pathway byBordetella pertussisAdenylate Cyclase: Delineation of Cell Invasive Structures and Permissive Insertion Sites. Infection and Immunity, 2000, 68, 247-256.	2.2	95
49	Immune responses induced by recombinant BCG strains according to level of production of a foreign antigen: MalE. Vaccine, 2000, 18, 2636-2647.	3.8	30
50	mAb against hen egg-white lysozyme regulate its presentation to CD4+ T cells. International Immunology, 1999, 11, 1863-1872.	4.0	8
51	MHC class I and II pathways for presentation and cross-presentation of bacterial antigens. , 0, , 51-78.		0