

Christophe Arpin

List of Publications by Year in descending order

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29
papers

2,496
citations

394421

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docs citations

32
times ranked

2548
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling and characterization of inter-individual variability in CD8 T cell responses in mice. <i>In Silico Biology</i> , 2021, 14, 13-39.	0.9	0
2	Model-Based Assessment of the Role of Uneven Partitioning of Molecular Content on Heterogeneity and Regulation of Differentiation in CD8 T-Cell Immune Responses. <i>Frontiers in Immunology</i> , 2019, 10, 230.	4.8	9
3	Identification of Nascent Memory CD8 T Cells and Modeling of Their Ontogeny. <i>Cell Systems</i> , 2017, 4, 306-317.e4.	6.2	36
4	Immune signatures of protective spleen memory CD8 T cells. <i>Scientific Reports</i> , 2016, 6, 37651.	3.3	15
5	IL-2 sensitivity and exogenous IL-2 concentration gradient tune the productive contact duration of CD8+ T cell-APC: a multiscale modeling study. <i>BMC Systems Biology</i> , 2016, 10, 77.	3.0	20
6	Multiscale Modeling of the Early CD8 T-Cell Immune Response in Lymph Nodes: An Integrative Study. <i>Computation</i> , 2014, 2, 159-181.	2.0	29
7	T inflammatory memory CD8 T cells participate to antiviral response and generate secondary memory cells with an advantage in XCL1 production. <i>Immunologic Research</i> , 2012, 52, 284-293.	2.9	21
8	Mathematical model of the primary CD8 T cell immune response: stability analysis of a nonlinear age-structured system. <i>Journal of Mathematical Biology</i> , 2012, 65, 263-291.	1.9	11
9	Characterization of a CD44/CD122 ^{int} Memory CD8 T Cell Subset Generated under Sterile Inflammatory Conditions. <i>Journal of Immunology</i> , 2009, 182, 3846-3854.	0.8	29
10	TLR2 engagement on memory CD8 ⁺ T cells improves their cytokine-mediated proliferation and IFN- γ secretion in the absence of Ag. <i>European Journal of Immunology</i> , 2009, 39, 2673-2681.	2.9	63
11	Hyperproliferative Response of a Monoclonal Memory CD8 T Cell Population Is Characterized by an Increased Frequency of Clonogenic Precursors. <i>Journal of Immunology</i> , 2002, 168, 2147-2153.	0.8	5
12	Differential In Vivo Persistence of Two Subsets of Memory Phenotype CD8 T Cells Defined by CD44 and CD122 Expression Levels. <i>Journal of Immunology</i> , 2002, 168, 2704-2711.	0.8	36
13	Evolution of Genome Size in <i>Drosophila</i> . Is the Invader's Genome Being Invaded by Transposable Elements?. <i>Molecular Biology and Evolution</i> , 2002, 19, 1154-1161.	8.9	71
14	Phénotype et fonctions des lymphocytes T CD8 ⁺ mémoire. <i>Medecine/Sciences</i> , 2001, 17, 1105-1111.	0.2	1
15	Involvement of inhibitory NKR in the survival of a subset of memory-phenotype CD8 ⁺ T cells. <i>Nature Immunology</i> , 2001, 2, 430-435.	14.5	153
16	Characterization at the Single-Cell Level of Naive and Primed CD8 T Cell Cytokine Responses. <i>Cellular Immunology</i> , 2000, 206, 16-25.	3.0	8
17	Effects of T3R1 ^{±1} and T3R1 ^{±2} Gene Deletion on T and B Lymphocyte Development. <i>Journal of Immunology</i> , 2000, 164, 152-160.	0.8	68
18	Memory CD44 ^{int} CD8 T cells show increased proliferative responses and IFN- γ production following antigenic challenge in vitro. <i>International Immunology</i> , 1999, 11, 699-706.	4.0	30

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19	The Normal Counterpart of IgD Myeloma Cells in Germinal Center Displays Extensively Mutated IgVH Gene, C _H 1/4â€“C _H Switch, and λ Light Chain Expression. <i>Journal of Experimental Medicine</i> , 1998, 187, 1169-1178.	8.5	131
20	Memory B Cells Are Biased Towards Terminal Differentiation: A Strategy That May Prevent Repertoire Freezing. <i>Journal of Experimental Medicine</i> , 1997, 186, 931-940.	8.5	145
21	Germinal Center Founder Cells Display Propensity for Apoptosis before Onset of Somatic Mutation. <i>Journal of Experimental Medicine</i> , 1997, 185, 563-572.	8.5	114
22	Human Peripheral B Cell Development sIgM ⁺ IgD ⁺ CD38 ⁺ Hypermutated Germinal Center Centroblasts Preferentially Express Ig λ Light Chain and Have Undergone λ -to- λ Switch. <i>Annals of the New York Academy of Sciences</i> , 1997, 815, 193-196.	3.8	29
23	Positive and Negative Selection of Human B Lymphocytes in Vitro. <i>Annals of the New York Academy of Sciences</i> , 1997, 815, 237-245.	3.8	5
24	Germinal center development. <i>Immunological Reviews</i> , 1997, 156, 111-126.	6.0	324
25	Sequential triggering of apoptosis, somatic mutation and isotype switch during germinal center development. <i>Seminars in Immunology</i> , 1996, 8, 169-177.	5.6	95
26	Normal Human IgD ⁺ IgM ⁺ Germinal Center B Cells Can Express Up to 80 Mutations in the Variable Region of Their IgD Transcripts. <i>Immunity</i> , 1996, 4, 603-613.	14.3	146
27	Generation of memory B cells and plasma cells in vitro. <i>Science</i> , 1995, 268, 720-722.	12.6	529
28	Memory B cells from human tonsils colonize mucosal epithelium and directly present antigen to T cells by Rapid Up-Regulation of B7-1 and B7-2. <i>Immunity</i> , 1995, 2, 239-248.	14.3	344
29	Five Human Mature B Cell Subsets. <i>Advances in Experimental Medicine and Biology</i> , 1994, 355, 289-294.	1.6	29