

# Christophe Arpin

## List of Publications by Year in descending order

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29  
papers

2,496  
citations

394421

19  
h-index

501196

28  
g-index

32  
all docs

32  
docs citations

32  
times ranked

2548  
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of memory B cells and plasma cells in vitro. <i>Science</i> , 1995, 268, 720-722.	12.6	529
2	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
3	Germinal center development. <i>Immunological Reviews</i> , 1997, 156, 111-126.	6.0	324
4	Involvement of inhibitory NKRs in the survival of a subset of memory-phenotype CD8+ T cells. <i>Nature Immunology</i> , 2001, 2, 430-435.	14.5	153
5	Normal Human IgD+IgM <sup>hi</sup> 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
6	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
7	The Normal Counterpart of IgD Myeloma Cells in Germinal Center Displays Extensively Mutated IgVH Gene, C <sub>H</sub> 1 <sub>4</sub> C <sub>H</sub> Switch, and $\lambda$ Light Chain Expression. <i>Journal of Experimental Medicine</i> , 1998, 187, 1169-1178.	8.5	131
8	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
9	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
10	Evolution of Genome Size in Drosophila. Is the Invader's Genome Being Invaded by Transposable Elements?. <i>Molecular Biology and Evolution</i> , 2002, 19, 1154-1161.	8.9	71
11	Effects of T3R <sup>±1</sup> and T3R <sup>±2</sup> Gene Deletion on T and B Lymphocyte Development. <i>Journal of Immunology</i> , 2000, 164, 152-160.	0.8	68
12	TLR2 engagement on memory CD8 <sup>+</sup> T cells improves their cytokine-mediated proliferation and IFN $\gamma$ secretion in the absence of Ag. <i>European Journal of Immunology</i> , 2009, 39, 2673-2681.	2.9	63
13	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
14	Identification of Nascent Memory CD8 T Cells and Modeling of Their Ontogeny. <i>Cell Systems</i> , 2017, 4, 306-317.e4.	6.2	36
15	Memory CD44 <sup>int</sup> CD8 T cells show increased proliferative responses and IFN- $\gamma$ production following antigenic challenge in vitro. <i>International Immunology</i> , 1999, 11, 699-706.	4.0	30
16	Human Peripheral B Cell Development sIgM <sup>+</sup> IgD <sup>+</sup> CD38 <sup>+</sup> Hypermutated Germinal Center Centroblasts Preferentially Express Ig $\lambda$ Light Chain and Have Undergone $\lambda$ -to- $\mu$ Switch. <i>Annals of the New York Academy of Sciences</i> , 1997, 815, 193-196.	3.8	29
17	Characterization of a CD44 <sup>int</sup> /CD122 <sup>int</sup> Memory CD8 T Cell Subset Generated under Sterile Inflammatory Conditions. <i>Journal of Immunology</i> , 2009, 182, 3846-3854.	0.8	29
18	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

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19	Five Human Mature B Cell Subsets. <i>Advances in Experimental Medicine and Biology</i> , 1994, 355, 289-294.	1.6	29
20	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
21	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
22	Immune signatures of protective spleen memory CD8 T cells. <i>Scientific Reports</i> , 2016, 6, 37651.	3.3	15
23	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
24	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
25	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
26	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
27	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
28	Phénotype et fonctions des lymphocytes T CD8+mémoire. <i>Medecine/Sciences</i> , 2001, 17, 1105-1111.	0.2	1
29	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