

# Christopher D Scharer

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

3,472  
citations

236833

25  
h-index

168321

53  
g-index

60  
all docs

60  
docs citations

60  
times ranked

6061  
citing authors

#	ARTICLE	IF	CITATIONS
1	T Cell Homeostatic Proliferation Promotes a Redox State That Drives Metabolic and Epigenetic Upregulation of Inflammatory Pathways in Lupus. <i>Antioxidants and Redox Signaling</i> , 2022, 36, 410-422.	2.5	2
2	Targeting BMI-1 in B cells restores effective humoral immune responses and controls chronic viral infection. <i>Nature Immunology</i> , 2022, 23, 86-98.	7.0	17
3	Obesity-induced galectin-9 is a therapeutic target in B-cell acute lymphoblastic leukemia. <i>Nature Communications</i> , 2022, 13, 1157.	5.8	12
4	H3K27me3 Demethylase UTX Restrains Plasma Cell Formation. <i>Journal of Immunology</i> , 2022, 208, 1873-1885.	0.4	3
5	Circulating Tregs Accumulate in Omental Tumors and Acquire Adipose-Resident Features. <i>Cancer Immunology Research</i> , 2022, 10, 641-655.	1.6	4
6	Generation of human long-lived plasma cells by developmentally regulated epigenetic imprinting. <i>Life Science Alliance</i> , 2022, 5, e202101285.	1.3	19
7	Somatic Diversification of Rearranged Antibody Gene Segments by Intra- and Interchromosomal Templated Mutagenesis. <i>Journal of Immunology</i> , 2022, , ji2100434.	0.4	0
8	Roadmap to a plasma cell: Epigenetic and transcriptional cues that guide B cell differentiation. <i>Immunological Reviews</i> , 2021, 300, 54-64.	2.8	12
9	Human genetic variants disrupt RGS14 nuclear shuttling and regulation of LTP in hippocampal neurons. <i>Journal of Biological Chemistry</i> , 2021, 296, 100024.	1.6	9
10	Conserved Epigenetic Programming and Enhanced Heme Metabolism Drive Memory B Cell Reactivation. <i>Journal of Immunology</i> , 2021, 206, 1493-1504.	0.4	15
11	The Murine MHC Class II Super Enhancer <i>&lt;i&gt;IA/IE-SE&lt;/i&gt;</i> Contains a Functionally Redundant CTCF-Binding Component and a Novel Element Critical for Maximal Expression. <i>Journal of Immunology</i> , 2021, 206, 2221-2232.	0.4	3
12	Epigenetic gene regulation in plasma cells. <i>Immunological Reviews</i> , 2021, 303, 8-22.	2.8	10
13	Extrafollicular IgD+ B cells generate IgE antibody secreting cells in the nasal mucosa. <i>Mucosal Immunology</i> , 2021, 14, 1144-1159.	2.7	21
14	Cohesin Core Complex Gene Dosage Contributes to Germinal Center Derived Lymphoma Phenotypes and Outcomes. <i>Frontiers in Immunology</i> , 2021, 12, 688493.	2.2	5
15	An IRF4â€œMYCâ€œmTORC1 Integrated Pathway Controls Cell Growth and the Proliferative Capacity of Activated B Cells during B Cell Differentiation In Vivo. <i>Journal of Immunology</i> , 2021, 207, 1798-1811.	0.4	16
16	Inhibition of H3K27me3 Demethylases Promotes Plasmablast Formation. <i>ImmunoHorizons</i> , 2021, 5, 918-930.	0.8	2
17	A super enhancer controls expression and chromatin architecture within the MHC class II locus. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	17
18	Transcriptomic and epigenomic dynamics associated with development of human iPSC-derived GABAergic interneurons. <i>Human Molecular Genetics</i> , 2020, 29, 2579-2595.	1.4	3

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19	Antibody-secreting cell destiny emerges during the initial stages of B-cell activation. <i>Nature Communications</i> , 2020, 11, 3989.	5.8	41
20	Environmental cues regulate epigenetic reprogramming of airway-resident memory CD8+ T cells. <i>Nature Immunology</i> , 2020, 21, 309-320.	7.0	72
21	Signaling through the Inhibitory Fc Receptor FcγRIIB Induces CD8+ T Cell Apoptosis to Limit T Cell Immunity. <i>Immunity</i> , 2020, 52, 136-150.e6.	6.6	62
22	Murine gammaherpesvirus infection is skewed toward IgG <sup>+</sup> B cells expressing a specific heavy chain V-segment. <i>PLoS Pathogens</i> , 2020, 16, e1008438.	2.1	7
23	Selective DNA Demethylation Accompanies T Cell Homeostatic Proliferation and Gene Regulation in Lupus-Prone Mice. <i>ImmunoHorizons</i> , 2020, 4, 679-687.	0.8	1
24	Selective DNA Demethylation Accompanies T Cell Homeostatic Proliferation and Gene Regulation in Lupus-Prone lpr Mice. <i>ImmunoHorizons</i> , 2020, 4, 679-687.	0.8	3
25	Epigenetic programming underpins B cell dysfunction in human SLE. <i>Nature Immunology</i> , 2019, 20, 1071-1082.	7.0	142
26	Phosphoinositide 3-Kinase Signaling Can Modulate MHC Class I and II Expression. <i>Molecular Cancer Research</i> , 2019, 17, 2395-2409.	1.5	36
27	LSD1 Cooperates with Noncanonical NF-κB Signaling to Regulate Marginal Zone B Cell Development. <i>Journal of Immunology</i> , 2019, 203, 1867-1881.	0.4	12
28	IgM, IgG, and IgA Influenza-Specific Plasma Cells Express Divergent Transcriptomes. <i>Journal of Immunology</i> , 2019, 203, 2121-2129.	0.4	22
29	T-bet Transcription Factor Promotes Antibody-Secreting Cell Differentiation by Limiting the Inflammatory Effects of IFN-γ on B Cells. <i>Immunity</i> , 2019, 50, 1172-1187.e7.	6.6	90
30	Understanding and measuring human B cell tolerance and its breakdown in autoimmune disease. <i>Immunological Reviews</i> , 2019, 292, 76-89.	2.8	34
31	IFN-γ induces epigenetic programming of human T-bethi B cells and promotes TLR7/8 and IL-21 induced differentiation. <i>ELife</i> , 2019, 8, .	2.8	116
32	EZH2 Represses the B Cell Transcriptional Program and Regulates Antibody-Secreting Cell Metabolism and Antibody Production. <i>Journal of Immunology</i> , 2018, 200, 1039-1052.	0.4	99
33	Plasma cell differentiation is controlled by multiple cell division-coupled epigenetic programs. <i>Nature Communications</i> , 2018, 9, 1698.	5.8	93
34	Distinct Effector B Cells Induced by Unregulated Toll-like Receptor 7 Contribute to Pathogenic Responses in Systemic Lupus Erythematosus. <i>Immunity</i> , 2018, 49, 725-739.e6.	6.6	661
35	The Histone Demethylase LSD1 Regulates B Cell Proliferation and Plasmablast Differentiation. <i>Journal of Immunology</i> , 2018, 201, 2799-2811.	0.4	43
36	B cell activation and plasma cell differentiation are inhibited by de novo DNA methylation. <i>Nature Communications</i> , 2018, 9, 1900.	5.8	94

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37	Progressive Upregulation of Oxidative Metabolism Facilitates Plasmablast Differentiation to a T-Independent Antigen. <i>Cell Reports</i> , 2018, 23, 3152-3159.	2.9	123
38	Cutting Edge: Chromatin Accessibility Programs CD8 T Cell Memory. <i>Journal of Immunology</i> , 2017, 198, 2238-2243.	0.4	68
39	ZBTB32 Restricts the Duration of Memory B Cell Recall Responses. <i>Journal of Immunology</i> , 2016, 197, 1159-1168.	0.4	50
40	ATAC-seq on biobanked specimens defines a unique chromatin accessibility structure in naïve SLE B cells. <i>Scientific Reports</i> , 2016, 6, 27030.	1.6	88
41	Plasma cell differentiation is coupled to division-dependent DNA hypomethylation and gene regulation. <i>Nature Immunology</i> , 2016, 17, 1216-1225.	7.0	124
42	Genome-wide CIITA-binding profile identifies sequence preferences that dictate function versus recruitment. <i>Nucleic Acids Research</i> , 2015, 43, 3128-3142.	6.5	28
43	NF- $\kappa$ B Regulates PD-1 Expression in Macrophages. <i>Journal of Immunology</i> , 2015, 194, 4545-4554.	0.4	134
44	Lactobacilli Modulate Epithelial Cytoprotection through the Nrf2 Pathway. <i>Cell Reports</i> , 2015, 12, 1217-1225.	2.9	183
45	B Cell Differentiation Is Associated with Reprogramming the CCCTC Binding Factor-Dependent Chromatin Architecture of the Murine MHC Class II Locus. <i>Journal of Immunology</i> , 2014, 192, 3925-3935.	0.4	25
46	Chemically defined serum-free and xeno-free media for multiple cell lineages. <i>Annals of Translational Medicine</i> , 2014, 2, 97.	0.7	21
47	Mutation of murine Sox4 untranslated regions results in partially penetrant perinatal lethality. <i>In Vivo</i> , 2014, 28, 709-18.	0.6	0
48	Global DNA Methylation Remodeling Accompanies CD8 T Cell Effector Function. <i>Journal of Immunology</i> , 2013, 191, 3419-3429.	0.4	167
49	Balancing Selection on a Regulatory Region Exhibiting Ancient Variation That Predates Human-Neandertal Divergence. <i>PLoS Genetics</i> , 2013, 9, e1003404.	1.5	26
50	ZBTB32 Is an Early Repressor of the CIITA and MHC Class II Gene Expression during B Cell Differentiation to Plasma Cells. <i>Journal of Immunology</i> , 2012, 189, 2393-2403.	0.4	76
51	Low ethanol concentration alters CHRNA5 RNA levels during early human development. <i>Reproductive Toxicology</i> , 2010, 30, 489-492.	1.3	16
52	Genome-Wide Promoter Analysis of the SOX4 Transcriptional Network in Prostate Cancer Cells. <i>Cancer Research</i> , 2009, 69, 709-717.	0.4	176
53	Aurora kinase inhibitors synergize with paclitaxel to induce apoptosis in ovarian cancer cells. <i>Journal of Translational Medicine</i> , 2008, 6, 79.	1.8	62
54	Sex-Determining Region Y Box 4 Is a Transforming Oncogene in Human Prostate Cancer Cells. <i>Cancer Research</i> , 2006, 66, 4011-4019.	0.4	264