

# Brian T Edelson

## List of Publications by Year in descending order

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47  
papers

7,949  
citations

126907

33  
h-index

214800

47  
g-index

52  
all docs

52  
docs citations

52  
times ranked

12813  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Batf3</i> Deficiency Reveals a Critical Role for CD8 <sup>+</sup> Dendritic Cells in Cytotoxic T Cell Immunity. <i>Science</i> , 2008, 322, 1097-1100.	12.6	1,665
2	Mitochondrial Dynamics Controls T Cell Fate through Metabolic Programming. <i>Cell</i> , 2016, 166, 63-76.	28.9	1,025
3	Peripheral CD103 <sup>+</sup> dendritic cells form a unified subset developmentally related to CD8 <sup>+</sup> conventional dendritic cells. <i>Journal of Experimental Medicine</i> , 2010, 207, 823-836.	8.5	662
4	<i>Zbtb46</i> expression distinguishes classical dendritic cells and their committed progenitors from other immune lineages. <i>Journal of Experimental Medicine</i> , 2012, 209, 1135-1152.	8.5	515
5	Role for Spi-C in the development of red pulp macrophages and splenic iron homeostasis. <i>Nature</i> , 2009, 457, 318-321.	27.8	391
6	Skin-Resident Murine Dendritic Cell Subsets Promote Distinct and Opposing Antigen-Specific T Helper Cell Responses. <i>Immunity</i> , 2011, 35, 260-272.	14.3	379
7	Compensatory dendritic cell development mediated by BATF-IRF interactions. <i>Nature</i> , 2012, 490, 502-507.	27.8	367
8	MyD88-Dependent but Toll-Like Receptor 2-Independent Innate Immunity to <i>Listeria</i> : No Role for Either in Macrophage Listericidal Activity. <i>Journal of Immunology</i> , 2002, 169, 3869-3875.	0.8	222
9	<i>Irg1</i> expression in myeloid cells prevents immunopathology during <i>M. tuberculosis</i> infection. <i>Journal of Experimental Medicine</i> , 2018, 215, 1035-1045.	8.5	190
10	CD8 <sup>+</sup> Dendritic Cells Are an Obligate Cellular Entry Point for Productive Infection by <i>Listeria monocytogenes</i> . <i>Immunity</i> , 2011, 35, 236-248.	14.3	162
11	CX <sub>3</sub> CR1 <sup>+</sup> CD8 <sup>+</sup> dendritic cells are a steady-state population related to plasmacytoid dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 14745-14750.	7.1	160
12	Bhlhe40 controls cytokine production by T cells and is essential for pathogenicity in autoimmune neuroinflammation. <i>Nature Communications</i> , 2014, 5, 3551.	12.8	152
13	The Transcription Factor Bhlhe40 Programs Mitochondrial Regulation of Resident CD8 <sup>+</sup> T Cell Fitness and Functionality. <i>Immunity</i> , 2019, 51, 491-507.e7.	14.3	148
14	Intracellular Antibody Neutralizes <i>Listeria</i> Growth. <i>Immunity</i> , 2001, 14, 503-512.	14.3	145
15	Immunity to <i>Listeria</i> infection. <i>Current Opinion in Immunology</i> , 2000, 12, 425-431.	5.5	136
16	New Insights into the Role of IL-1 $\beta$ in Experimental Autoimmune Encephalomyelitis and Multiple Sclerosis. <i>Journal of Immunology</i> , 2017, 198, 4553-4560.	0.8	113
17	<i>Batf3</i> -Dependent CD11b <sup>low</sup> Peripheral Dendritic Cells Are GM-CSF-Independent and Are Not Required for Th Cell Priming after Subcutaneous Immunization. <i>PLoS ONE</i> , 2011, 6, e25660.	2.5	102
18	Bhlhe40 is an essential repressor of IL-10 during <i>Mycobacterium tuberculosis</i> infection. <i>Journal of Experimental Medicine</i> , 2018, 215, 1823-1838.	8.5	95

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19	Expression of factor V by resident macrophages boosts host defense in the peritoneal cavity. <i>Journal of Experimental Medicine</i> , 2019, 216, 1291-1300.	8.5	94
20	Migratory CD103+ dendritic cells suppress helminth-driven type 2 immunity through constitutive expression of IL-12. <i>Journal of Experimental Medicine</i> , 2016, 213, 35-51.	8.5	90
21	L-Myc expression by dendritic cells is required for optimal T-cell priming. <i>Nature</i> , 2014, 507, 243-247.	27.8	87
22	c-Myc-induced transcription factor AP4 is required for host protection mediated by CD8+ T cells. <i>Nature Immunology</i> , 2014, 15, 884-893.	14.5	85
23	IL-1 $\alpha$ -induced Bhlhe40 identifies pathogenic T helper cells in a model of autoimmune neuroinflammation. <i>Journal of Experimental Medicine</i> , 2016, 213, 251-271.	8.5	81
24	The $\alpha$ 2 $\beta$ 1 integrin: A novel collectin/C1q receptor. <i>Immunobiology</i> , 2007, 212, 343-353.	1.9	77
25	Novel collectin/C1q receptor mediates mast cell activation and innate immunity. <i>Blood</i> , 2006, 107, 143-150.	1.4	74
26	Mast cell-mediated inflammatory responses require the $\alpha$ 2 $\beta$ 1 integrin. <i>Blood</i> , 2004, 103, 2214-2220.	1.4	73
27	Transcription Factor Bhlhe40 in Immunity and Autoimmunity. <i>Trends in Immunology</i> , 2020, 41, 1023-1036.	6.8	67
28	OTUD4 Is a Phospho-Activated K63 Deubiquitinase that Regulates MyD88-Dependent Signaling. <i>Molecular Cell</i> , 2018, 69, 505-516.e5.	9.7	65
29	Single-cell RNA-seq analysis of human CSF microglia and myeloid cells in neuroinflammation. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020, 7, .	6.0	65
30	Phenotypic complementation of genetic immunodeficiency by chronic herpesvirus infection. <i>ELife</i> , 2015, 4, .	6.0	65
31	Bhlhe40 mediates tissue-specific control of macrophage proliferation in homeostasis and type 2 immunity. <i>Nature Immunology</i> , 2019, 20, 687-700.	14.5	62
32	Targeting of B and T lymphocyte associated (BTLA) prevents graft-versus-host disease without global immunosuppression. <i>Journal of Experimental Medicine</i> , 2010, 207, 2551-2559.	8.5	55
33	CRTAM controls residency of gut CD4+CD8+ T cells in the steady state and maintenance of gut CD4+ Th17 during parasitic infection. <i>Journal of Experimental Medicine</i> , 2014, 211, 623-633.	8.5	49
34	A type I IFN-dependent DNA damage response regulates the genetic program and inflammasome activation in macrophages. <i>ELife</i> , 2017, 6, .	6.0	40
35	Pathogenic Bhlhe40+ GM-CSF+ CD4+ T cells promote indirect alloantigen presentation in the GI tract during GVHD. <i>Blood</i> , 2020, 135, 568-581.	1.4	35
36	L-Plastin Is Essential for Alveolar Macrophage Production and Control of Pulmonary Pneumococcal Infection. <i>Infection and Immunity</i> , 2014, 82, 1982-1993.	2.2	26

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37	Interferon induced protein 35 exacerbates H5N1 influenza disease through the expression of IL-12p40 homodimer. <i>PLoS Pathogens</i> , 2018, 14, e1007001.	4.7	22
38	BHLHE40 Promotes TH2 Cell-Mediated Antihelminth Immunity and Reveals Cooperative CSF2RB Family Cytokines. <i>Journal of Immunology</i> , 2020, 204, 923-932.	0.8	21
39	BHLHE40 Regulates the T-Cell Effector Function Required for Tumor Microenvironment Remodeling and Immune Checkpoint Therapy Efficacy. <i>Cancer Immunology Research</i> , 2022, 10, 597-611.	3.4	16
40	Standardized Uptake Value for 18F-Fluorodeoxyglucose Is a Marker of Inflammatory State and Immune Infiltrate in Cervical Cancer. <i>Clinical Cancer Research</i> , 2021, 27, 4245-4255.	7.0	15
41	Mhc-A locus molecules in pygmy chimpanzees: conservation of peptide pockets. <i>Immunogenetics</i> , 1995, 42, 291-5.	2.4	12
42	Dendritic Cells in <i>Listeria monocytogenes</i> Infection. <i>Advances in Immunology</i> , 2012, 113, 33-49.	2.2	11
43	CD11c <sup>+</sup> CD88 <sup>+</sup> CD317 <sup>+</sup> myeloid cells are critical mediators of persistent CNS autoimmunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	11
44	Batf3-Dependent CD11b <sup>low</sup> /âˆ’ Peripheral Dendritic Cells Are GM-CSF-Independent and Are Not Required for Th Cell Priming After Subcutaneous Immunization. <i>Blood</i> , 2011, 118, 1113-1113.	1.4	6
45	B-type natriuretic peptide measured during transfusion-related acute lung injury. <i>Transfusion</i> , 2006, 46, 1453-1454.	1.6	4
46	Heparin low . . . photo no!. <i>Transfusion</i> , 2006, 46, 683-684.	1.6	2
47	A Bhlhe40/GM-CSF Axis Potentiates Gastrointestinal Tract Inflammation during Acute Graft Versus Host Disease. <i>Blood</i> , 2018, 132, 62-62.	1.4	0