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	BHLHE40 Regulates the T-Cell Effector Function Required for Tumor Microenvironment Remodeling and Immune Checkpoint Therapy Efficacy. Cancer Immunology Research, 2022, 10, 597-611.	3.4	16
2	CD11c⁺CD88⁺CD317⁺myeloid cells are critical mediators of persistent CNS autoimmunity. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	11
3	Standardized Uptake Value for 18F-Fluorodeoxyglucose Is a Marker of Inflammatory State and Immune Infiltrate in Cervical Cancer. Clinical Cancer Research, 2021, 27, 4245-4255.	7.0	15
4	Transcription Factor Bhlhe40 in Immunity and Autoimmunity. Trends in Immunology, 2020, 41, 1023-1036.	6.8	67
5	Single-cell RNA-seq analysis of human CSF microglia and myeloid cells in neuroinflammation. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, .	6.0	65
6	BHLHE40 Promotes TH2 Cellâ€“Mediated Antihelminth Immunity and Reveals Cooperative CSF2RB Family Cytokines. Journal of Immunology, 2020, 204, 923-932.	0.8	21
7	Pathogenic Bhlhe40+ GM-CSF+ CD4+ T cells promote indirect alloantigen presentation in the GI tract during GVHD. Blood, 2020, 135, 568-581.	1.4	35
8	The Transcription Factor Bhlhe40 Programs Mitochondrial Regulation of Resident CD8+ T Cell Fitness and Functionality. Immunity, 2019, 51, 491-507.e7.	14.3	148
9	Bhlhe40 mediates tissue-specific control of macrophage proliferation in homeostasis and type 2 immunity. Nature Immunology, 2019, 20, 687-700.	14.5	62
10	Expression of factor V by resident macrophages boosts host defense in the peritoneal cavity. Journal of Experimental Medicine, 2019, 216, 1291-1300.	8.5	94
11	OTUD4 Is a Phospho-Activated K63 Deubiquitinase that Regulates MyD88-Dependent Signaling. Molecular Cell, 2018, 69, 505-516.e5.	9.7	65
12	Irg1 expression in myeloid cells prevents immunopathology during M. tuberculosis infection. Journal of Experimental Medicine, 2018, 215, 1035-1045.	8.5	190
13	Interferon induced protein 35 exacerbates H5N1 influenza disease through the expression of IL-12p40 homodimer. PLoS Pathogens, 2018, 14, e1007001.	4.7	22
14	Bhlhe40 is an essential repressor of IL-10 during Mycobacterium tuberculosis infection. Journal of Experimental Medicine, 2018, 215, 1823-1838.	8.5	95
15	A Bhlhe40/GM-CSF Axis Potentiates Gastrointestinal Tract Inflammation during Acute Graft Versus Host Disease. Blood, 2018, 132, 62-62.	1.4	0
16	New Insights into the Role of IL-1Î² in Experimental Autoimmune Encephalomyelitis and Multiple Sclerosis. Journal of Immunology, 2017, 198, 4553-4560.	0.8	113
17	A type I IFN-dependent DNA damage response regulates the genetic program and inflammasome activation in macrophages. ELife, 2017, 6, .	6.0	40
18	Mitochondrial Dynamics Controls T Cell Fate through Metabolic Programming. Cell, 2016, 166, 63-76.	28.9	1,025

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19	IL-1â€“induced Bhlhe40 identifies pathogenic T helper cells in a model of autoimmune neuroinflammation. Journal of Experimental Medicine, 2016, 213, 251-271.	8.5	81
20	Migratory CD103+ dendritic cells suppress helminth-driven type 2 immunity through constitutive expression of IL-12. Journal of Experimental Medicine, 2016, 213, 35-51.	8.5	90
21	Phenotypic complementation of genetic immunodeficiency by chronic herpesvirus infection. ELife, 2015, 4, .	6.0	65
22	c-Myc-induced transcription factor AP4 is required for host protection mediated by CD8+ T cells. Nature Immunology, 2014, 15, 884-893.	14.5	85
23	Bhlhe40 controls cytokine production by T cells and is essential for pathogenicity in autoimmune neuroinflammation. Nature Communications, 2014, 5, 3551.	12.8	152
24	L-Plastin Is Essential for Alveolar Macrophage Production and Control of Pulmonary Pneumococcal Infection. Infection and Immunity, 2014, 82, 1982-1993.	2.2	26
25	L-Myc expression by dendritic cells is required for optimal T-cell priming. Nature, 2014, 507, 243-247.	27.8	87
26	CRTAM controls residency of gut CD4+CD8+ T cells in the steady state and maintenance of gut CD4+ Th17 during parasitic infection. Journal of Experimental Medicine, 2014, 211, 623-633.	8.5	49
27	Dendritic Cells in Listeria monocytogenes Infection. Advances in Immunology, 2012, 113, 33-49.	2.2	11
28	Compensatory dendritic cell development mediated by BATFâ€“IRF interactions. Nature, 2012, 490, 502-507.	27.8	367
29	Zbtb46 expression distinguishes classical dendritic cells and their committed progenitors from other immune lineages. Journal of Experimental Medicine, 2012, 209, 1135-1152.	8.5	515
30	Skin-Resident Murine Dendritic Cell Subsets Promote Distinct and Opposing Antigen-Specific T Helper Cell Responses. Immunity, 2011, 35, 260-272.	14.3	379
31	CD8Î±+ Dendritic Cells Are an Obligate Cellular Entry Point for Productive Infection by Listeria monocytogenes. Immunity, 2011, 35, 236-248.	14.3	162
32	Batf3-Dependent CD11blow/â^' Peripheral Dendritic Cells Are GM-CSF-Independent and Are Not Required for Th Cell Priming after Subcutaneous Immunization. PLoS ONE, 2011, 6, e25660.	2.5	102
33	Batf3-Dependent CD11blow/â^' Peripheral Dendritic Cells Are GM-CSF-Independent and Are Not Required for Th Cell Priming After Subcutaneous Immunization. Blood, 2011, 118, 1113-1113.	1.4	6
34	CX ₃ CR1 ⁺ CD8Î± ⁺ dendritic cells are a steady-state population related to plasmacytoid dendritic cells. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14745-14750.	7.1	160
35	Targeting of B and T lymphocyte associated (BTLA) prevents graft-versus-host disease without global immunosuppression. Journal of Experimental Medicine, 2010, 207, 2551-2559.	8.5	55
36	Peripheral CD103+ dendritic cells form a unified subset developmentally related to CD8Î±+ conventional dendritic cells. Journal of Experimental Medicine, 2010, 207, 823-836.	8.5	662

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37	Role for Spi-C in the development of red pulp macrophages and splenic iron homeostasis. Nature, 2009, 457, 318-321.	27.8	391
38	Batf3 Deficiency Reveals a Critical Role for CD8Î± ⁺ Dendritic Cells in Cytotoxic T Cell Immunity. Science, 2008, 322, 1097-1100.	12.6	1,665
39	The Î±2Î²1 integrin: A novel collectin/C1q receptor. Immunobiology, 2007, 212, 343-353.	1.9	77
40	Novel collectin/C1q receptor mediates mast cell activation and innate immunity. Blood, 2006, 107, 143-150.	1.4	74
41	Heparin low . . . photo no!. Transfusion, 2006, 46, 683-684.	1.6	2
42	B-type natriuretic peptide measured during transfusion-related acute lung injury. Transfusion, 2006, 46, 1453-1454.	1.6	4
43	Mast cellâ€“mediated inflammatory responses require the Î±2Î²1 integrin. Blood, 2004, 103, 2214-2220.	1.4	73
44	MyD88-Dependent but Toll-Like Receptor 2-Independent Innate Immunity to Listeria: No Role for Either in Macrophage Listericidal Activity. Journal of Immunology, 2002, 169, 3869-3875.	0.8	222
45	Intracellular Antibody Neutralizes Listeria Growth. Immunity, 2001, 14, 503-512.	14.3	145
46	Immunity to Listeria infection. Current Opinion in Immunology, 2000, 12, 425-431.	5.5	136
47	Mhc-A locus molecules in pygmy chimpanzees: conservation of peptide pockets. Immunogenetics, 1995, 42, 291-5.	2.4	12