Thomas Brocker

List of Publications by Year
in descending order

34	2,170	430754	377752
papers	citations	18 h-index	34 g-index

38	38	38	3814
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High-Fat Diet Rapidly Modifies Trafficking, Phenotype, and Function of Plasmacytoid Dendritic Cells in Adipose Tissue. Journal of Immunology, 2022, 208, 1445-1455.	0.4	8
2	Procoagulant platelet sentinels prevent inflammatory bleeding through GPIIBIIIA and GPVI. Blood, 2022, 140, 121-139.	0.6	21
3	Helicobacter hepaticus is required for immune targeting of bacterial heat shock protein 60 and fatal colitis in mice. Gut Microbes, 2021, 13, 1-20.	4.3	8
4	Dynamic adoption of anergy by antigen-exhausted CD4+ TÂcells. Cell Reports, 2021, 34, 108748.	2.9	23
5	Type I interferon mediated induction of somatostatin leads to suppression of ghrelin and appetite thereby promoting viral immunity in mice. Brain, Behavior, and Immunity, 2021, 95, 429-443.	2.0	9
6	Impaired function and delayed regeneration of dendritic cells in COVID-19. PLoS Pathogens, 2021, 17, e1009742.	2.1	52
7	Binding of phosphatidylserineâ€positive microparticles by PBMCs classifies disease severity in COVIDâ€19 patients. Journal of Extracellular Vesicles, 2021, 10, e12173.	5.5	19
8	In vivo identification of apoptotic and extracellular vesicleâ€bound live cells using imageâ€based deep learning. Journal of Extracellular Vesicles, 2020, 9, 1792683.	5.5	18
9	Predicting single-cell gene expression profiles of imaging flow cytometry data with machine learning. Nucleic Acids Research, 2020, 48, 11335-11346.	6.5	16
10	Strain specific maturation of Dendritic cells and production of IL-1Î² controls CD40-driven colitis. PLoS ONE, 2019, 14, e0210998.	1.1	4
11	Expression of the Phosphatase Ppef2 Controls Survival and Function of CD8+ Dendritic Cells. Frontiers in Immunology, 2019, 10, 222.	2.2	3
12	Innate Immune Signals Induce Anterograde Endosome Transport Promoting MHC Class I Cross-Presentation. Cell Reports, 2018, 24, 3568-3581.	2.9	33
13	CD40-signalling abrogates induction of RORÎ³t+ Treg cells by intestinal CD103+ DCs and causes fatal colitis. Nature Communications, 2017, 8, 14715.	5.8	36
14	Constitutive CD40 Signaling in Dendritic Cells Limits Atherosclerosis by Provoking Inflammatory Bowel Disease and Ensuing Cholesterol Malabsorption. American Journal of Pathology, 2017, 187, 2912-2919.	1.9	11
15	Roquin Suppresses the PI3K-mTOR Signaling Pathway to Inhibit T Helper Cell Differentiation and Conversion of Treg to Tfr Cells. Immunity, 2017, 47, 1067-1082.e12.	6.6	109
16	The host-cell restriction factor SERINC5 restricts HIV-1 infectivity without altering the lipid composition and organization of viral particles. Journal of Biological Chemistry, 2017, 292, 13702-13713.	1.6	76
17	Alternative splicing of MALT1 controls signalling and activation of CD4+ T cells. Nature Communications, 2016, 7, 11292.	5.8	94
18	Innate control of actin nucleation determines two distinct migration behaviours in dendritic cells. Nature Cell Biology, 2016, 18, 43-53.	4.6	184

#	Article	IF	Citations
19	Cdc42-dependent actin dynamics controls maturation and secretory activity of dendritic cells. Journal of Cell Biology, 2015, 211, 553-567.	2.3	40
20	CD169⁺macrophages are sufficient for priming of CTLs with specificities left out by cross-priming dendritic cells. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5461-5466.	3.3	102
21	Control of Homeostasis and Dendritic Cell Survival by the GTPase RhoA. Journal of Immunology, 2015, 195, 4244-4256.	0.4	5
22	Recipient CD8+ DC Delete Alloreactive Donor CTL and Promote Leukemic Relapse after Allogeneic BMT. Blood, 2015, 126, 4279-4279.	0.6	0
23	Rho-Family GTPase Cdc42 Controls Migration of Langerhans Cells In Vivo. Journal of Immunology, 2013, 190, 27-35.	0.4	23
24	Novel Spontaneous Deletion of Artemis Exons 10 and 11 in Mice Leads to T- and B-Cell Deficiency. PLoS ONE, 2013, 8, e74838.	1.1	4
25	Antigen amount dictates <scp>CD</scp>8⁺<scp>T</scp>â€cell exhaustion during chronic viral infection irrespective of the type of antigen presenting cell. European Journal of Immunology, 2012, 42, 2290-2304.	1.6	51
26	MicroRNAs Regulate Dendritic Cell Differentiation and Function. Journal of Immunology, 2011, 187, 3911-3917.	0.4	162
27	Non-Hematopoietic Cells in Lymph Nodes Drive Memory CD8 T Cell Inflation during Murine Cytomegalovirus Infection. PLoS Pathogens, 2011, 7, e1002313.	2.1	121
28	Differentially expressed microRNAs regulate plasmacytoid vs. conventional dendritic cell development. Molecular Immunology, 2010, 48, 333-340.	1.0	43
29	Parenchymal cells critically curtail cytotoxic Tâ€cell responses by inducing Bimâ€mediated apoptosis. European Journal of Immunology, 2010, 40, 966-975.	1.6	3
30	Constitutive ablation of dendritic cells breaks self-tolerance of CD4 T cells and results in spontaneous fatal autoimmunity. Journal of Experimental Medicine, 2009, 206, 549-559.	4.2	488
31	Constitutive Crosspresentation of Tissue Antigens by Dendritic Cells Controls CD8+ T Cell Tolerance In Vivo. Immunity, 2008, 28, 521-532.	6.6	113
32	Bcl-2 Controls Dendritic Cell Longevity In Vivo. Journal of Immunology, 2002, 169, 3006-3014.	0.4	106
33	Class II essential for CD4 survival. Nature Immunology, 2001, 2, 136-136.	7.0	11
34	Cutting Edge: Dendritic Cells Are Sufficient to Cross-Present Self-Antigens to CD8 T Cells In Vivo. Journal of Immunology, 2001, 166, 1439-1442.	0.4	172