

# Thomas Brocker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/986108/publications.pdf>

Version: 2024-02-01

34  
papers

2,170  
citations

430754

18  
h-index

377752

34  
g-index

38  
all docs

38  
docs citations

38  
times ranked

3814  
citing authors

#	ARTICLE	IF	CITATIONS
1	Constitutive ablation of dendritic cells breaks self-tolerance of CD4 T cells and results in spontaneous fatal autoimmunity. <i>Journal of Experimental Medicine</i> , 2009, 206, 549-559.	4.2	488
2	Innate control of actin nucleation determines two distinct migration behaviours in dendritic cells. <i>Nature Cell Biology</i> , 2016, 18, 43-53.	4.6	184
3	Cutting Edge: Dendritic Cells Are Sufficient to Cross-Present Self-Antigens to CD8 T Cells In Vivo. <i>Journal of Immunology</i> , 2001, 166, 1439-1442.	0.4	172
4	MicroRNAs Regulate Dendritic Cell Differentiation and Function. <i>Journal of Immunology</i> , 2011, 187, 3911-3917.	0.4	162
5	Non-Hematopoietic Cells in Lymph Nodes Drive Memory CD8 T Cell Inflation during Murine Cytomegalovirus Infection. <i>PLoS Pathogens</i> , 2011, 7, e1002313.	2.1	121
6	Constitutive Crosspresentation of Tissue Antigens by Dendritic Cells Controls CD8+ T Cell Tolerance In Vivo. <i>Immunity</i> , 2008, 28, 521-532.	6.6	113
7	Roquin Suppresses the PI3K-mTOR Signaling Pathway to Inhibit T Helper Cell Differentiation and Conversion of Treg to Tfr Cells. <i>Immunity</i> , 2017, 47, 1067-1082.e12.	6.6	109
8	Bcl-2 Controls Dendritic Cell Longevity In Vivo. <i>Journal of Immunology</i> , 2002, 169, 3006-3014.	0.4	106
9	CD169 <sup>+</sup> macrophages are sufficient for priming of CTLs with specificities left out by cross-priming dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5461-5466.	3.3	102
10	Alternative splicing of MALT1 controls signalling and activation of CD4+ T cells. <i>Nature Communications</i> , 2016, 7, 11292.	5.8	94
11	The host-cell restriction factor SERINC5 restricts HIV-1 infectivity without altering the lipid composition and organization of viral particles. <i>Journal of Biological Chemistry</i> , 2017, 292, 13702-13713.	1.6	76
12	Impaired function and delayed regeneration of dendritic cells in COVID-19. <i>PLoS Pathogens</i> , 2021, 17, e1009742.	2.1	52
13	Antigen amount dictates CD8 <sup>+</sup> T cell exhaustion during chronic viral infection irrespective of the type of antigen presenting cell. <i>European Journal of Immunology</i> , 2012, 42, 2290-2304.	1.6	51
14	Differentially expressed microRNAs regulate plasmacytoid vs. conventional dendritic cell development. <i>Molecular Immunology</i> , 2010, 48, 333-340.	1.0	43
15	Cdc42-dependent actin dynamics controls maturation and secretory activity of dendritic cells. <i>Journal of Cell Biology</i> , 2015, 211, 553-567.	2.3	40
16	CD40-signalling abrogates induction of ROR $\gamma$ <sup>3</sup> <sup>+</sup> Treg cells by intestinal CD103 <sup>+</sup> DCs and causes fatal colitis. <i>Nature Communications</i> , 2017, 8, 14715.	5.8	36
17	Innate Immune Signals Induce Anterograde Endosome Transport Promoting MHC Class I Cross-Presentation. <i>Cell Reports</i> , 2018, 24, 3568-3581.	2.9	33
18	Rho-Family GTPase Cdc42 Controls Migration of Langerhans Cells In Vivo. <i>Journal of Immunology</i> , 2013, 190, 27-35.	0.4	23

#	ARTICLE	IF	CITATIONS
19	Dynamic adoption of anergy by antigen-exhausted CD4+ T cells. <i>Cell Reports</i> , 2021, 34, 108748.	2.9	23
20	Procoagulant platelet sentinels prevent inflammatory bleeding through GPIIb/IIIa and GPVI. <i>Blood</i> , 2022, 140, 121-139.	0.6	21
21	Binding of phosphatidylserine-positive microparticles by PBMCs classifies disease severity in COVID-19 patients. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12173.	5.5	19
22	<i>In vivo</i> identification of apoptotic and extracellular vesicle-bound live cells using image-based deep learning. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1792683.	5.5	18
23	Predicting single-cell gene expression profiles of imaging flow cytometry data with machine learning. <i>Nucleic Acids Research</i> , 2020, 48, 11335-11346.	6.5	16
24	Class II essential for CD4 survival. <i>Nature Immunology</i> , 2001, 2, 136-136.	7.0	11
25	Constitutive CD40 Signaling in Dendritic Cells Limits Atherosclerosis by Provoking Inflammatory Bowel Disease and Ensuing Cholesterol Malabsorption. <i>American Journal of Pathology</i> , 2017, 187, 2912-2919.	1.9	11
26	Type I interferon mediated induction of somatostatin leads to suppression of ghrelin and appetite thereby promoting viral immunity in mice. <i>Brain, Behavior, and Immunity</i> , 2021, 95, 429-443.	2.0	9
27	<i>Helicobacter hepaticus</i> is required for immune targeting of bacterial heat shock protein 60 and fatal colitis in mice. <i>Gut Microbes</i> , 2021, 13, 1-20.	4.3	8
28	High-Fat Diet Rapidly Modifies Trafficking, Phenotype, and Function of Plasmacytoid Dendritic Cells in Adipose Tissue. <i>Journal of Immunology</i> , 2022, 208, 1445-1455.	0.4	8
29	Control of Homeostasis and Dendritic Cell Survival by the GTPase RhoA. <i>Journal of Immunology</i> , 2015, 195, 4244-4256.	0.4	5
30	Novel Spontaneous Deletion of Artemis Exons 10 and 11 in Mice Leads to T- and B-Cell Deficiency. <i>PLoS ONE</i> , 2013, 8, e74838.	1.1	4
31	Strain specific maturation of Dendritic cells and production of IL-1 $\beta$ controls CD40-driven colitis. <i>PLoS ONE</i> , 2019, 14, e0210998.	1.1	4
32	Parenchymal cells critically curtail cytotoxic T cell responses by inducing Bim-mediated apoptosis. <i>European Journal of Immunology</i> , 2010, 40, 966-975.	1.6	3
33	Expression of the Phosphatase Ppaf2 Controls Survival and Function of CD8+ Dendritic Cells. <i>Frontiers in Immunology</i> , 2019, 10, 222.	2.2	3
34	Recipient CD8+ DC Delete Alloreactive Donor CTL and Promote Leukemic Relapse after Allogeneic BMT. <i>Blood</i> , 2015, 126, 4279-4279.	0.6	0