Bart Everts

List of Publications by Year
in descending order

63	10,878	101543	128289
papers	citations	36 h-index	60 g-index

67	67	67	17215
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Network Integration of Parallel Metabolic and Transcriptional Data Reveals Metabolic Modules that Regulate Macrophage Polarization. Immunity, 2015, 42, 419-430.	14.3	1,423
2	Mitochondrial Respiratory Capacity Is a Critical Regulator of CD8+ T Cell Memory Development. Immunity, 2012, 36, 68-78.	14.3	1,208
3	TLR-driven early glycolytic reprogramming via the kinases TBK1-IKKÉ› supports the anabolic demands of dendritic cell activation. Nature Immunology, 2014, 15, 323-332.	14.5	861
4	Cell-intrinsic lysosomal lipolysis is essential for alternative activation of macrophages. Nature Immunology, 2014, 15, 846-855.	14.5	856
5	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	2.9	766
6	Guidelines for the use of flow cytometry and cell sorting in immunological studies[*]. European Journal of Immunology, 2017, 47, 1584-1797.	2.9	505
7	Commitment to glycolysis sustains survival of NO-producing inflammatory dendritic cells. Blood, 2012, 120, 1422-1431.	1.4	476
8	Metabolic Reprogramming Mediated by the mTORC2-IRF4 Signaling Axis Is Essential for Macrophage Alternative Activation. Immunity, 2016, 45, 817-830.	14.3	453
9	CD8 memory T cells have a bioenergetic advantage that underlies their rapid recall ability. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 14336-14341.	7.1	428
10	Dendritic cell metabolism. Nature Reviews Immunology, 2015, 15, 18-29.	22.7	423
11	Omega-1, a glycoprotein secreted by Schistosoma mansoni eggs, drives Th2 responses. Journal of Experimental Medicine, 2009, 206, 1673-1680.	8.5	327
12	Klf4 Expression in Conventional Dendritic Cells Is Required for T Helper 2 Cell Responses. Immunity, 2015, 42, 916-928.	14.3	326
13	Type 1 Interferons Induce Changes in Core Metabolism that Are Critical for Immune Function. Immunity, 2016, 44, 1325-1336.	14.3	248
14	Schistosome-derived omega-1 drives Th2 polarization by suppressing protein synthesis following internalization by the mannose receptor. Journal of Experimental Medicine, 2012, 209, 1753-1767.	8.5	208
15	Cell-Intrinsic Glycogen Metabolism Supports Early Glycolytic Reprogramming Required for Dendritic Cell Immune Responses. Cell Metabolism, 2017, 26, 558-567.e5.	16.2	188
16	Inhibition of Mechanistic Target of Rapamycin Promotes Dendritic Cell Activation and Enhances Therapeutic Autologous Vaccination in Mice. Journal of Immunology, 2012, 189, 2151-2158.	0.8	159
17	Chronic Helminth Infections Protect Against Allergic Diseases by Active Regulatory Processes. Current Allergy and Asthma Reports, 2010, 10, 3-12.	5.3	135
18	Replication-selective oncolytic viruses in the treatment of cancer. Cancer Gene Therapy, 2005, 12, 141-161.	4.6	134

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19	Helminths and dendritic cells: Sensing and regulating via pattern recognition receptors, Th2 and Treg responses. European Journal of Immunology, 2010, 40, 1525-1537.	2.9	126
20	Butyrate Conditions Human Dendritic Cells to Prime Type 1 Regulatory T Cells via both Histone Deacetylase Inhibition and G Protein-Coupled Receptor 109A Signaling. Frontiers in Immunology, 2017, 8, 1429.	4.8	120
21	Mechanistic Target of Rapamycin Inhibition Extends Cellular Lifespan in Dendritic Cells by Preserving Mitochondrial Function. Journal of Immunology, 2014, 193, 2821-2830.	0.8	116
22	Metabolic control of dendritic cell activation and function: recent advances and clinical implications. Frontiers in Immunology, 2014, 5, 203.	4.8	112
23	Th2 responses in schistosomiasis. Seminars in Immunopathology, 2012, 34, 863-871.	6.1	99
24	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
25	Programmed genome editing of the omega-1 ribonuclease of the blood fluke, Schistosoma mansoni. ELife, 2019, 8, .	6.0	87
26	Ly6Chi Monocyte Recruitment Is Responsible for Th2 Associated Host-Protective Macrophage Accumulation in Liver Inflammation due to Schistosomiasis. PLoS Pathogens, 2014, 10, e1004282.	4.7	81
27	Combined TLR2 and TLR4 ligation in the context of bacterial or helminth extracts in human monocyte derived dendritic cells: molecular correlates for Th1/Th2 polarization. BMC Immunology, 2009, 10, 9.	2.2	79
28	Dectin-1/2â€“induced autocrine PGE2 signaling licenses dendritic cells to prime Th2 responses. PLoS Biology, 2018, 16, e2005504.	5.6	79
29	Production and glyco-engineering of immunomodulatory helminth glycoproteins in plants. Scientific Reports, 2017, 7, 45910.	3.3	54
30	Dendritic cells are what they eat: how their metabolism shapes T helper cell polarization. Current Opinion in Immunology, 2019, 58, 16-23.	5.5	48
31	Fatty Acid Oxidation Is Essential for Egg Production by the Parasitic Flatworm Schistosoma mansoni. PLoS Pathogens, 2012, 8, e1002996.	4.7	46
32	The Schistosoma mansoni lipidome: Leads for immunomodulation. Analytica Chimica Acta, 2018, 1037, 107-118.	5.4	46
33	IL-4â€“Secreting Secondary T Follicular Helper (Tfh) Cells Arise from Memory T Cells, Not Persisting Tfh Cells, through a B Cellâ€“Dependent Mechanism. Journal of Immunology, 2015, 194, 2999-3010.	0.8	45
34	Analysis of TLR-Induced Metabolic Changes in Dendritic Cells Using the Seahorse XFe96 Extracellular Flux Analyzer. Methods in Molecular Biology, 2016, 1390, 273-285.	0.9	42
35	FcÎ±RI co-stimulation converts human intestinal CD103+ dendritic cells into pro-inflammatory cells through glycolytic reprogramming. Nature Communications, 2018, 9, 863.	12.8	41
36	Functional Impairment of Human Myeloid Dendritic Cells during Schistosoma haematobium Infection. PLoS Neglected Tropical Diseases, 2010, 4, e667.	3.0	39

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37	LKB1 expressed in dendritic cells governs the development and expansion of thymus-derived regulatory T cells. Cell Research, 2019, 29, 406-419.	12.0	34
38	Early Induction of Human Regulatory Dermal Antigen Presenting Cells by Skin-Penetrating Schistosoma Mansoni Cercariae. Frontiers in Immunology, 2018, 9, 2510.	4.8	33
39	The Transcriptional Repressor Polycomb Group Factor 6, PCGF6, Negatively Regulates Dendritic Cell Activation and Promotes Quiescence. Cell Reports, 2016, 16, 1829-1837.	6.4	32
40	Interleukin-4-Inducing Principle from Schistosoma mansoni Eggs Contains a Functional C-Terminal Nuclear Localization Signal Necessary for Nuclear Translocation in Mammalian Cells but Not for Its Uptake. Infection and Immunity, 2011, 79, 1779-1788.	2.2	30
41	C-Reactive Protein Promotes Inflammation through FcÎ³R-Induced Glycolytic Reprogramming of Human Macrophages. Journal of Immunology, 2019, 203, 225-235.	0.8	30
42	Metabolomics in Immunology Research. Methods in Molecular Biology, 2018, 1730, 29-42.	0.9	29
43	Shaping of Dendritic Cell Function by the Metabolic Micro-Environment. Frontiers in Endocrinology, 2020, 11, 555.	3.5	28
44	FcÎ³R-TLR Cross-Talk Enhances TNF Production by Human Monocyte-Derived DCs via IRF5-Dependent Gene Transcription and Glycolytic Reprogramming. Frontiers in Immunology, 2019, 10, 739.	4.8	26
45	Pathogens MenTORing Macrophages and Dendritic Cells: Manipulation of mTOR and Cellular Metabolism to Promote Immune Escape. Cells, 2020, 9, 161.	4.1	25
46	Metabolic control of type 2 immunity. European Journal of Immunology, 2017, 47, 1266-1275.	2.9	21
47	Soluble mannose receptor induces proinflammatory macrophage activation and metaflammation. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	17
48	IgG Subclasses Shape Cytokine Responses by Human Myeloid Immune Cells through Differential Metabolic Reprogramming. Journal of Immunology, 2020, 205, 3400-3407.	0.8	15
49	Regulation of the Development of the Hepatic B Cell Compartment during Schistosoma mansoni Infection. Journal of Immunology, 2013, 191, 4202-4210.	0.8	12
50	Plasmodium sporozoites induce regulatory macrophages. PLoS Pathogens, 2020, 16, e1008799.	4.7	12
51	The role of Oâ€GlcNAcylation in immunity against infections. Immunology, 2020, 161, 175-185.	4.4	11
52	Fa(c)t checking: How fatty acids shape metabolism and function of macrophages and dendritic cells. European Journal of Immunology, 2021, 51, 1628-1640.	2.9	8
53	Treatment with HIV-Protease Inhibitor Nelfinavir Identifies Membrane Lipid Composition and Fluidity as a Therapeutic Target in Advanced Multiple Myeloma. Cancer Research, 2021, 81, 4581-4593.	0.9	8
54	Parasite worm antigens instruct macrophages to release immunoregulatory extracellular vesicles. Journal of Extracellular Vesicles, 2021, 10, e12131.	12.2	6

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55	Human Dendritic Cells with Th2-Polarizing Capacity: Analysis Using Label-Free Quantitative Proteomics. International Archives of Allergy and Immunology, 2017, 174, 170-182.	2.1	5
56	Metabolic Stress Triggers Immune Escape by Tumors. Trends in Cancer, 2019, 5, 656-658.	7.4	5
57	Antigens from the parasitic nematode Trichuris suis induce metabolic reprogramming and trained immunity to constrain inflammatory responses in macrophages. Cytokine, 2022, 156, 155919.	3.2	3
58	mTORC1 signaling in antigen-presenting cells of the skin restrains CD8+ TÂcell priming. Cell Reports, 2022, 40, 111032.	6.4	3
59	Micro(RNAs)managing Macrophage Polarization During Schistosomiasis. EBioMedicine, 2016, 13, 33-34.	6.1	2
60	Editorial: Looking Beyond Pattern Recognition: Perturbations in Cellular Homeostasis and Metabolism as Emerging Regulators of Dendritic Cell Function. Frontiers in Immunology, 2019, 10, 2335.	4.8	1
61	A Complex Acetate-ment: Timing of Exposure Determines Memory T Cell Fate. Cell Metabolism, 2020, 32, 325-327.	16.2	0
62	mTORC1 Signalling in Antigen-Presenting Cells of the Skin Restrains CD8+ T Cell Priming. SSRN Electronic Journal, 0, , .	0.4	0
63	Nelfinavir Overcomes Proteasome Inhibitor Resistance in Multiple Myeloma By Modulating Membrane Lipid Bilayer Composition and Fluidity. Blood, 2020, 136, 11-11.	1.4	0