

Bart Everts

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

10,878
citations

101543

36
h-index

128289

60
g-index

67
all docs

67
docs citations

67
times ranked

17215
citing authors

#	ARTICLE	IF	CITATIONS
1	Antigens from the parasitic nematode <i>Trichuris suis</i> induce metabolic reprogramming and trained immunity to constrain inflammatory responses in macrophages. <i>Cytokine</i> , 2022, 156, 155919.	3.2	3
2	mTORC1 signaling in antigen-presenting cells of the skin restrains CD8+ T cell priming. <i>Cell Reports</i> , 2022, 40, 111032.	6.4	3
3	Fa(c)t checking: How fatty acids shape metabolism and function of macrophages and dendritic cells. <i>European Journal of Immunology</i> , 2021, 51, 1628-1640.	2.9	8
4	Treatment with HIV-Protease Inhibitor Nelfinavir Identifies Membrane Lipid Composition and Fluidity as a Therapeutic Target in Advanced Multiple Myeloma. <i>Cancer Research</i> , 2021, 81, 4581-4593.	0.9	8
5	Soluble mannose receptor induces proinflammatory macrophage activation and metaflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	17
6	Parasite worm antigens instruct macrophages to release immunoregulatory extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12131.	12.2	6
7	IgG Subclasses Shape Cytokine Responses by Human Myeloid Immune Cells through Differential Metabolic Reprogramming. <i>Journal of Immunology</i> , 2020, 205, 3400-3407.	0.8	15
8	The role of O ⁶ -GlcNAcylation in immunity against infections. <i>Immunology</i> , 2020, 161, 175-185.	4.4	11
9	A Complex Acetate-ment: Timing of Exposure Determines Memory T Cell Fate. <i>Cell Metabolism</i> , 2020, 32, 325-327.	16.2	0
10	Shaping of Dendritic Cell Function by the Metabolic Micro-Environment. <i>Frontiers in Endocrinology</i> , 2020, 11, 555.	3.5	28
11	<i>Plasmodium</i> sporozoites induce regulatory macrophages. <i>PLoS Pathogens</i> , 2020, 16, e1008799.	4.7	12
12	Pathogens MenTORing Macrophages and Dendritic Cells: Manipulation of mTOR and Cellular Metabolism to Promote Immune Escape. <i>Cells</i> , 2020, 9, 161.	4.1	25
13	Nelfinavir Overcomes Proteasome Inhibitor Resistance in Multiple Myeloma By Modulating Membrane Lipid Bilayer Composition and Fluidity. <i>Blood</i> , 2020, 136, 11-11.	1.4	0
14	Metabolic Stress Triggers Immune Escape by Tumors. <i>Trends in Cancer</i> , 2019, 5, 656-658.	7.4	5
15	Editorial: Looking Beyond Pattern Recognition: Perturbations in Cellular Homeostasis and Metabolism as Emerging Regulators of Dendritic Cell Function. <i>Frontiers in Immunology</i> , 2019, 10, 2335.	4.8	1
16	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , 2019, 49, 1457-1973.	2.9	766
17	C-Reactive Protein Promotes Inflammation through Fc γ 3R-Induced Glycolytic Reprogramming of Human Macrophages. <i>Journal of Immunology</i> , 2019, 203, 225-235.	0.8	30
18	Fc γ 3R-TLR Cross-Talk Enhances TNF Production by Human Monocyte-Derived DCs via IRF5-Dependent Gene Transcription and Glycolytic Reprogramming. <i>Frontiers in Immunology</i> , 2019, 10, 739.	4.8	26

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19	Dendritic cells are what they eat: how their metabolism shapes T helper cell polarization. <i>Current Opinion in Immunology</i> , 2019, 58, 16-23.	5.5	48
20	LKB1 expressed in dendritic cells governs the development and expansion of thymus-derived regulatory T cells. <i>Cell Research</i> , 2019, 29, 406-419.	12.0	34
21	Programmed genome editing of the omega-1 ribonuclease of the blood fluke, <i>Schistosoma mansoni</i> . <i>ELife</i> , 2019, 8, .	6.0	87
22	FcÎ±RI co-stimulation converts human intestinal CD103+ dendritic cells into pro-inflammatory cells through glycolytic reprogramming. <i>Nature Communications</i> , 2018, 9, 863.	12.8	41
23	Metabolomics in Immunology Research. <i>Methods in Molecular Biology</i> , 2018, 1730, 29-42.	0.9	29
24	The <i>Schistosoma mansoni</i> lipidome: Leads for immunomodulation. <i>Analytica Chimica Acta</i> , 2018, 1037, 107-118.	5.4	46
25	Early Induction of Human Regulatory Dermal Antigen Presenting Cells by Skin-Penetrating <i>Schistosoma Mansoni Cercariae</i> . <i>Frontiers in Immunology</i> , 2018, 9, 2510.	4.8	33
26	Dectin-1/2â€“induced autocrine PGE2 signaling licenses dendritic cells to prime Th2 responses. <i>PLoS Biology</i> , 2018, 16, e2005504.	5.6	79
27	Production and glyco-engineering of immunomodulatory helminth glycoproteins in plants. <i>Scientific Reports</i> , 2017, 7, 45910.	3.3	54
28	Guidelines for the use of flow cytometry and cell sorting in immunological studies[*]. <i>European Journal of Immunology</i> , 2017, 47, 1584-1797.	2.9	505
29	Cell-Intrinsic Glycogen Metabolism Supports Early Glycolytic Reprogramming Required for Dendritic Cell Immune Responses. <i>Cell Metabolism</i> , 2017, 26, 558-567.e5.	16.2	188
30	Human Dendritic Cells with Th2-Polarizing Capacity: Analysis Using Label-Free Quantitative Proteomics. <i>International Archives of Allergy and Immunology</i> , 2017, 174, 170-182.	2.1	5
31	Metabolic control of type 2 immunity. <i>European Journal of Immunology</i> , 2017, 47, 1266-1275.	2.9	21
32	Butyrate Conditions Human Dendritic Cells to Prime Type 1 Regulatory T Cells via both Histone Deacetylase Inhibition and G Protein-Coupled Receptor 109A Signaling. <i>Frontiers in Immunology</i> , 2017, 8, 1429.	4.8	120
33	Micro(RNAs)managing Macrophage Polarization During Schistosomiasis. <i>EBioMedicine</i> , 2016, 13, 33-34.	6.1	2
34	The Transcriptional Repressor Polycomb Group Factor 6, PCGF6, Negatively Regulates Dendritic Cell Activation and Promotes Quiescence. <i>Cell Reports</i> , 2016, 16, 1829-1837.	6.4	32
35	Metabolic Reprogramming Mediated by the mTORC2-IRF4 Signaling Axis Is Essential for Macrophage Alternative Activation. <i>Immunity</i> , 2016, 45, 817-830.	14.3	453
36	Type 1 Interferons Induce Changes in Core Metabolism that Are Critical for Immune Function. <i>Immunity</i> , 2016, 44, 1325-1336.	14.3	248

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37	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
38	Analysis of TLR-Induced Metabolic Changes in Dendritic Cells Using the Seahorse XFe96 Extracellular Flux Analyzer. <i>Methods in Molecular Biology</i> , 2016, 1390, 273-285.	0.9	42
39	Klf4 Expression in Conventional Dendritic Cells Is Required for T Helper 2 Cell Responses. <i>Immunity</i> , 2015, 42, 916-928.	14.3	326
40	IL-4-Dependent Secretory Secondary T Follicular Helper (Tfh) Cells Arise from Memory T Cells, Not Persisting Tfh Cells, through a B Cell-Dependent Mechanism. <i>Journal of Immunology</i> , 2015, 194, 2999-3010.	0.8	45
41	Network Integration of Parallel Metabolic and Transcriptional Data Reveals Metabolic Modules that Regulate Macrophage Polarization. <i>Immunity</i> , 2015, 42, 419-430.	14.3	1,423
42	Dendritic cell metabolism. <i>Nature Reviews Immunology</i> , 2015, 15, 18-29.	22.7	423
43	Ly6Chi Monocyte Recruitment Is Responsible for Th2 Associated Host-Protective Macrophage Accumulation in Liver Inflammation due to Schistosomiasis. <i>PLoS Pathogens</i> , 2014, 10, e1004282.	4.7	81
44	Metabolic control of dendritic cell activation and function: recent advances and clinical implications. <i>Frontiers in Immunology</i> , 2014, 5, 203.	4.8	112
45	TLR-driven early glycolytic reprogramming via the kinases TBK1-IRAK4 supports the anabolic demands of dendritic cell activation. <i>Nature Immunology</i> , 2014, 15, 323-332.	14.5	861
46	Mechanistic Target of Rapamycin Inhibition Extends Cellular Lifespan in Dendritic Cells by Preserving Mitochondrial Function. <i>Journal of Immunology</i> , 2014, 193, 2821-2830.	0.8	116
47	Cell-intrinsic lysosomal lipolysis is essential for alternative activation of macrophages. <i>Nature Immunology</i> , 2014, 15, 846-855.	14.5	856
48	Regulation of the Development of the Hepatic B Cell Compartment during <i>Schistosoma mansoni</i> Infection. <i>Journal of Immunology</i> , 2013, 191, 4202-4210.	0.8	12
49	CD8 memory T cells have a bioenergetic advantage that underlies their rapid recall ability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 14336-14341.	7.1	428
50	Fatty Acid Oxidation Is Essential for Egg Production by the Parasitic Flatworm <i>Schistosoma mansoni</i> . <i>PLoS Pathogens</i> , 2012, 8, e1002996.	4.7	46
51	Commitment to glycolysis sustains survival of NO-producing inflammatory dendritic cells. <i>Blood</i> , 2012, 120, 1422-1431.	1.4	476
52	Inhibition of Mechanistic Target of Rapamycin Promotes Dendritic Cell Activation and Enhances Therapeutic Autologous Vaccination in Mice. <i>Journal of Immunology</i> , 2012, 189, 2151-2158.	0.8	159
53	Schistosome-derived omega-1 drives Th2 polarization by suppressing protein synthesis following internalization by the mannose receptor. <i>Journal of Experimental Medicine</i> , 2012, 209, 1753-1767.	8.5	208
54	Th2 responses in schistosomiasis. <i>Seminars in Immunopathology</i> , 2012, 34, 863-871.	6.1	99

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55	Mitochondrial Respiratory Capacity Is a Critical Regulator of CD8+ T Cell Memory Development. <i>Immunity</i> , 2012, 36, 68-78.	14.3	1,208
56	Interleukin-4-Inducing Principle from <i>Schistosoma mansoni</i> Eggs Contains a Functional C-Terminal Nuclear Localization Signal Necessary for Nuclear Translocation in Mammalian Cells but Not for Its Uptake. <i>Infection and Immunity</i> , 2011, 79, 1779-1788.	2.2	30
57	Chronic Helminth Infections Protect Against Allergic Diseases by Active Regulatory Processes. <i>Current Allergy and Asthma Reports</i> , 2010, 10, 3-12.	5.3	135
58	Helminths and dendritic cells: Sensing and regulating via pattern recognition receptors, Th2 and Treg responses. <i>European Journal of Immunology</i> , 2010, 40, 1525-1537.	2.9	126
59	Functional Impairment of Human Myeloid Dendritic Cells during <i>Schistosoma haematobium</i> Infection. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e667.	3.0	39
60	Omega-1, a glycoprotein secreted by <i>Schistosoma mansoni</i> eggs, drives Th2 responses. <i>Journal of Experimental Medicine</i> , 2009, 206, 1673-1680.	8.5	327
61	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. <i>BMC Immunology</i> , 2009, 10, 9.	2.2	79
62	Replication-selective oncolytic viruses in the treatment of cancer. <i>Cancer Gene Therapy</i> , 2005, 12, 141-161.	4.6	134
63	mTORC1 Signalling in Antigen-Presenting Cells of the Skin Restrains CD8+ T Cell Priming. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0