Eyal Amiel

List of Publications by Year
in descending order

28 papers	4,523 citations	567281 15 h-index	526287 27 g-index
30 all docs	30 docs citations	30 times ranked	7279 citing authors

#	Article	IF	Citations
1	Mitochondrial Respiratory Capacity Is a Critical Regulator of CD8+ T Cell Memory Development. Immunity, 2012, 36, 68-78.	14.3	1,208
2	Toll-like receptorâ€“induced changes in glycolytic metabolism regulate dendritic cell activation. Blood, 2010, 115, 4742-4749.	1.4	998
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	Commitment to glycolysis sustains survival of NO-producing inflammatory dendritic cells. Blood, 2012, 120, 1422-1431.	1.4	476
5	Cell-Intrinsic Glycogen Metabolism Supports Early Glycolytic Reprogramming Required for Dendritic Cell Immune Responses. Cell Metabolism, 2017, 26, 558-567.e5.	16.2	188
6	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
7	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
8	Mitochondrial ROS induced by chronic ethanol exposure promote hyper-activation of the NLRP3 inflammasome. Redox Biology, 2017, 12, 883-896.	9.0	98
9	The role of nitric oxide in metabolic regulation of Dendritic cell immune function. Cancer Letters, 2018, 412, 236-242.	7.2	77
10	IL-10R Blockade during Chronic Schistosomiasis Mansoni Results in the Loss of B Cells from the Liver and the Development of Severe Pulmonary Disease. PLoS Pathogens, 2012, 8, e1002490.	4.7	75
11	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
12	Regulation of Dendritic Cell Immune Function and Metabolism by Cellular Nutrient Sensor Mammalian Target of Rapamycin (mTOR). Frontiers in Immunology, 2018, 9, 3145.	4.8	42
13	Cognate interaction with iNKT cells expands IL-10â€“producing B regulatory cells. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12474-12479.	7.1	28
14	Syk-dependent glycolytic reprogramming in dendritic cells regulates IL-1Î² production to Î²-glucan ligands in a TLR-independent manner. Journal of Leukocyte Biology, 2019, 106, 1325-1335.	3.3	24
15	Differential effects of the cystic fibrosis lung inflammatory environment on mesenchymal stromal cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L908-L925.	2.9	20
16	Healthy versus inflamed lung environments differentially affect mesenchymal stromal cells. European Respiratory Journal, 2021, 58, 2004149.	6.7	20
17	Serum Amyloid A3 is required for normal lung development and survival following influenza infection. Scientific Reports, 2018, 8, 16571.	3.3	19
18	Glycogen Metabolism Supports Early Glycolytic Reprogramming and Activation in Dendritic Cells in Response to Both TLR and Syk-Dependent CLR Agonists. Cells, 2020, 9, 715.	4.1	12

#	Article	IF	Citations
19	Probiotic and commensal gut microbial therapies in multiple sclerosis and its animal models: a comprehensive review. Gut Microbes, 2021, 13, 1943289.	9.8	12
20	American Association of Immunologists Recommendations for an Undergraduate Course in Immunology. ImmunoHorizons, 2021, 5, 448-465.	1.8	12
21	Metabolic reprogramming of the myeloid lineage by Schistosoma mansoni infection persists independently of antigen exposure. PLoS Pathogens, 2021, 17, e1009198.	4.7	12
22	Metabolic mediators: How immunometabolism directs the immune response to infection. Immunology, 2020, 161, 163-164.	4.4	7
23	Glycolipid-Containing Nanoparticle Vaccine Engages Invariant NKT Cells to Enhance Humoral Protection against Systemic Bacterial Infection but Abrogates T-Independent Vaccine Responses. Journal of Immunology, 2021, 206, 1806-1816.	0.8	7
24	A guidedâ€inquiry investigation of genetic variants using Oxford nanopore sequencing for an undergraduate molecular biology laboratory course. Biochemistry and Molecular Biology Education, 2021, 49, 588-597.	1.2	2
25	Sweet talk: Metabolic conversations between host and microbe during infection. Immunology, 2021, 162, 121-122.	4.4	2
26	Divergent Genetic Regulation of Nitric Oxide Production between C57BL/6J and Wild-Derived PWD/PhJ Mice Controls Postactivation Mitochondrial Metabolism, Cell Survival, and Bacterial Resistance in Dendritic Cells. Journal of Immunology, 2022, 208, 97-109.	0.8	2
27	Analysis of glycogen metabolic pathway utilization by dendritic cells and T cells using custom phenotype metabolic assays. Journal of Immunological Methods, 2018, 458, 53-57.	1.4	1
28	Determination of cell volume as part of metabolomics experiments. American Journal of Physiology - Cell Physiology, 2021, 321, C947-C953.	4.6	0