

Eyal Amiel

List of Publications by Year in descending order

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Version: 2024-02-01

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 | 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. <i>Journal of Immunology</i> , 2022, 208, 97-109. | 0.8 | 2 |
| 2 | Probiotic and commensal gut microbial therapies in multiple sclerosis and its animal models: a comprehensive review. <i>Gut Microbes</i> , 2021, 13, 1943289. | 9.8 | 12 |
| 3 | Healthy <i>versus</i> inflamed lung environments differentially affect mesenchymal stromal cells. <i>European Respiratory Journal</i> , 2021, 58, 2004149. | 6.7 | 20 |
| 4 | Glycolipid-Containing Nanoparticle Vaccine Engages Invariant NKT Cells to Enhance Humoral Protection against Systemic Bacterial Infection but Abrogates T-Independent Vaccine Responses. <i>Journal of Immunology</i> , 2021, 206, 1806-1816. | 0.8 | 7 |
| 5 | A guidedâ€inquiry investigation of genetic variants using Oxford nanopore sequencing for an undergraduate molecular biology laboratory course. <i>Biochemistry and Molecular Biology Education</i> , 2021, 49, 588-597. | 1.2 | 2 |
| 6 | American Association of Immunologists Recommendations for an Undergraduate Course in Immunology. <i>ImmunoHorizons</i> , 2021, 5, 448-465. | 1.8 | 12 |
| 7 | Sweet talk: Metabolic conversations between host and microbe during infection. <i>Immunology</i> , 2021, 162, 121-122. | 4.4 | 2 |
| 8 | Metabolic reprogramming of the myeloid lineage by <i>Schistosoma mansoni</i> infection persists independently of antigen exposure. <i>PLoS Pathogens</i> , 2021, 17, e1009198. | 4.7 | 12 |
| 9 | Determination of cell volume as part of metabolomics experiments. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 321, C947-C953. | 4.6 | 0 |
| 10 | Metabolic mediators: How immunometabolism directs the immune response to infection. <i>Immunology</i> , 2020, 161, 163-164. | 4.4 | 7 |
| 11 | Differential effects of the cystic fibrosis lung inflammatory environment on mesenchymal stromal cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L908-L925. | 2.9 | 20 |
| 12 | Glycogen Metabolism Supports Early Glycolytic Reprogramming and Activation in Dendritic Cells in Response to Both TLR and Syk-Dependent CLR Agonists. <i>Cells</i> , 2020, 9, 715. | 4.1 | 12 |
| 13 | Syk-dependent glycolytic reprogramming in dendritic cells regulates IL-1 β production to β -glucan ligands in a TLR-independent manner. <i>Journal of Leukocyte Biology</i> , 2019, 106, 1325-1335. | 3.3 | 24 |
| 14 | Analysis of glycogen metabolic pathway utilization by dendritic cells and T cells using custom phenotype metabolic assays. <i>Journal of Immunological Methods</i> , 2018, 458, 53-57. | 1.4 | 1 |
| 15 | The role of nitric oxide in metabolic regulation of Dendritic cell immune function. <i>Cancer Letters</i> , 2018, 412, 236-242. | 7.2 | 77 |
| 16 | Serum Amyloid A3 is required for normal lung development and survival following influenza infection. <i>Scientific Reports</i> , 2018, 8, 16571. | 3.3 | 19 |
| 17 | Regulation of Dendritic Cell Immune Function and Metabolism by Cellular Nutrient Sensor Mammalian Target of Rapamycin (mTOR). <i>Frontiers in Immunology</i> , 2018, 9, 3145. | 4.8 | 42 |
| 18 | Mitochondrial ROS induced by chronic ethanol exposure promote hyper-activation of the NLRP3 inflammasome. <i>Redox Biology</i> , 2017, 12, 883-896. | 9.0 | 98 |

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|----|--|------|-----------|
| 19 | 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 |
| 20 | IL-4-â€‘Secreting Secondary T Follicular Helper (Tfh) Cells Arise from Memory T Cells, Not Persisting Tfh Cells, through a B Cell-â€‘Dependent Mechanism. <i>Journal of Immunology</i> , 2015, 194, 2999-3010. | 0.8 | 45 |
| 21 | Cognate interaction with iNKT cells expands IL-10-â€‘producing B regulatory cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12474-12479. | 7.1 | 28 |
| 22 | TLR-driven early glycolytic reprogramming via the kinases TBK1-IKKÉ supports the anabolic demands of dendritic cell activation. <i>Nature Immunology</i> , 2014, 15, 323-332. | 14.5 | 861 |
| 23 | 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 |
| 24 | IL-10R Blockade during Chronic Schistosomiasis <i>Mansoni</i> Results in the Loss of B Cells from the Liver and the Development of Severe Pulmonary Disease. <i>PLoS Pathogens</i> , 2012, 8, e1002490. | 4.7 | 75 |
| 25 | Commitment to glycolysis sustains survival of NO-producing inflammatory dendritic cells. <i>Blood</i> , 2012, 120, 1422-1431. | 1.4 | 476 |
| 26 | 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 |
| 27 | Mitochondrial Respiratory Capacity Is a Critical Regulator of CD8+ T Cell Memory Development. <i>Immunity</i> , 2012, 36, 68-78. | 14.3 | 1,208 |
| 28 | Toll-like receptor-â€‘induced changes in glycolytic metabolism regulate dendritic cell activation. <i>Blood</i> , 2010, 115, 4742-4749. | 1.4 | 998 |