

Edward J Pearce

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7660872/edward-j-pearce-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58
papers

13,644
citations

38
h-index

67
g-index

67
ext. papers

17,707
ext. citations

22.7
avg, IF

6.74
L-index

#	Paper	IF	Citations
58	A common framework of monocyte-derived macrophage activation.. <i>Science Immunology</i> , 2022 , 7, eabl7482	74.8	3
57	Intracellular infection and immune system cues rewire adipocytes to acquire immune function.. <i>Cell Metabolism</i> , 2022 , 34, 747-760.e6	24.6	2
56	Microbiota-derived acetate enables the metabolic fitness of the brain innate immune system during health and disease. <i>Cell Metabolism</i> , 2021 , 33, 2260-2276.e7	24.6	29
55	Mitochondrial metabolism coordinates stage-specific repair processes in macrophages during wound healing. <i>Cell Metabolism</i> , 2021 , 33, 2398-2414.e9	24.6	10
54	Plasmacytoid dendritic cell activation is dependent on coordinated expression of distinct amino acid transporters. <i>Immunity</i> , 2021 , 54, 2514-2530.e7	32.3	2
53	Auto-aggressive CXCR6 CD8 T cells cause liver immune pathology in NASH. <i>Nature</i> , 2021 , 592, 444-449	50.4	56
52	Polyamine metabolism is a central determinant of helper T cell lineage fidelity. <i>Cell</i> , 2021 , 184, 4186-4203.e20	36.2	21
51	Metabolic orchestration of the wound healing response. <i>Cell Metabolism</i> , 2021 , 33, 1726-1743	24.6	14
50	Cell-intrinsic metabolic regulation of mononuclear phagocyte activation: Findings from the tip of the iceberg. <i>Immunological Reviews</i> , 2020 , 295, 54-67	11.3	20
49	Mitochondrial Integrity Regulated by Lipid Metabolism Is a Cell-Intrinsic Checkpoint for Treg Suppressive Function. <i>Cell Metabolism</i> , 2020 , 31, 422-437.e5	24.6	100
48	Dynamic Cardiolipin Synthesis Is Required for CD8 T Cell Immunity. <i>Cell Metabolism</i> , 2020 , 32, 981-995.e7	24.6	9
47	Metabolic conditioning of CD8 effector T cells for adoptive cell therapy. <i>Nature Metabolism</i> , 2020 , 2, 703-716	14.6	31
46	Triacylglycerol synthesis enhances macrophage inflammatory function. <i>Nature Communications</i> , 2020 , 11, 4107	17.4	43
45	Metabolic adaptations of tissue-resident immune cells. <i>Nature Immunology</i> , 2019 , 20, 793-801	19.1	58
44	Polyamines and eIF5A Hypusination Modulate Mitochondrial Respiration and Macrophage Activation. <i>Cell Metabolism</i> , 2019 , 30, 352-363.e8	24.6	115
43	Acetate Promotes T Cell Effector Function during Glucose Restriction. <i>Cell Reports</i> , 2019 , 27, 2063-2074.e5	15.6	116
42	Inflammatory macrophage dependence on NAD salvage is a consequence of reactive oxygen species-mediated DNA damage. <i>Nature Immunology</i> , 2019 , 20, 420-432	19.1	90

41	Metabolic interventions in the immune response to cancer. <i>Nature Reviews Immunology</i> , 2019 , 19, 324-335	35.5	121
40	Disrupting metabolism to treat autoimmunity. <i>Science</i> , 2018 , 360, 377-378	33.3	7
39	Immunometabolism in 2017: Driving immunity: all roads lead to metabolism. <i>Nature Reviews Immunology</i> , 2018 , 18, 81-82	36.5	50
38	Mitochondrial Membrane Potential Regulates Nuclear Gene Expression in Macrophages Exposed to Prostaglandin E2. <i>Immunity</i> , 2018 , 49, 1021-1033.e6	32.3	44
37	Infection-Induced Transcriptional Changes in Hepatic Macrophage Metabolism Correlate With an Athero-Protective Phenotype. <i>Frontiers in Immunology</i> , 2018 , 9, 2580	8.4	13
36	MenTORing Immunity: mTOR Signaling in the Development and Function of Tissue-Resident Immune Cells. <i>Immunity</i> , 2017 , 46, 730-742	32.3	132
35	Treg Cells Survive and Thrive in Inhospitable Environments. <i>Cell Metabolism</i> , 2017 , 25, 1213-1215	24.6	7
34	Mitochondrial Priming by CD28. <i>Cell</i> , 2017 , 171, 385-397.e11	56.2	144
33	Metabolism and acetylation in innate immune cell function and fate. <i>Seminars in Immunology</i> , 2016 , 28, 408-416	10.7	26
32	Metabolic Reprogramming Mediated by the mTORC2-IRF4 Signaling Axis Is Essential for Macrophage Alternative Activation. <i>Immunity</i> , 2016 , 45, 817-830	32.3	297
31	Mitochondrial Dynamics Controls T Cell Fate through Metabolic Programming. <i>Cell</i> , 2016 , 166, 63-76	56.2	688
30	Type 1 Interferons Induce Changes in Core Metabolism that Are Critical for Immune Function. <i>Immunity</i> , 2016 , 44, 1325-36	32.3	162
29	The Colonic Crypt Protects Stem Cells from Microbiota-Derived Metabolites. <i>Cell</i> , 2016 , 165, 1708-1720	56.2	292
28	Immunometabolism governs dendritic cell and macrophage function. <i>Journal of Experimental Medicine</i> , 2016 , 213, 15-23	16.6	813
27	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	16.6	72
26	TPL-2 Regulates Macrophage Lipid Metabolism and M2 Differentiation to Control TH2-Mediated Immunopathology. <i>PLoS Pathogens</i> , 2016 , 12, e1005783	7.6	18
25	Immunometabolism governs dendritic cell and macrophage function. <i>Journal of Cell Biology</i> , 2016 , 212, 21210IA306	7.3	2
24	Itaconate Links Inhibition of Succinate Dehydrogenase with Macrophage Metabolic Remodeling and Regulation of Inflammation. <i>Cell Metabolism</i> , 2016 , 24, 158-66	24.6	581

23	The Transcriptional Repressor Polycomb Group Factor 6, PCGF6, Negatively Regulates Dendritic Cell Activation and Promotes Quiescence. <i>Cell Reports</i> , 2016 , 16, 1829-37	10.6	17
22	IL-4-secreting 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	5.3	39
21	SnapShot: Immunometabolism. <i>Cell Metabolism</i> , 2015 , 22, 190-190.e1	24.6	54
20	Network integration of parallel metabolic and transcriptional data reveals metabolic modules that regulate macrophage polarization. <i>Immunity</i> , 2015 , 42, 419-30	32.3	933
19	The metabolic control of schistosome egg production. <i>Cellular Microbiology</i> , 2015 , 17, 796-801	3.9	26
18	Metabolic Competition in the Tumor Microenvironment Is a Driver of Cancer Progression. <i>Cell</i> , 2015 , 162, 1229-41	56.2	1457
17	Dendritic cell metabolism. <i>Nature Reviews Immunology</i> , 2015 , 15, 18-29	36.5	301
16	Klf4 expression in conventional dendritic cells is required for T helper 2 cell responses. <i>Immunity</i> , 2015 , 42, 916-28	32.3	244
15	TLR-driven early glycolytic reprogramming via the kinases TBK1-IKKe supports the anabolic demands of dendritic cell activation. <i>Nature Immunology</i> , 2014 , 15, 323-32	19.1	619
14	Memory CD8(+) T cells use cell-intrinsic lipolysis to support the metabolic programming necessary for development. <i>Immunity</i> , 2014 , 41, 75-88	32.3	463
13	Mechanistic target of rapamycin inhibition extends cellular lifespan in dendritic cells by preserving mitochondrial function. <i>Journal of Immunology</i> , 2014 , 193, 2821-30	5.3	84
12	Cell-intrinsic lysosomal lipolysis is essential for alternative activation of macrophages. <i>Nature Immunology</i> , 2014 , 15, 846-55	19.1	624
11	For macrophages, Ndufs is enough. <i>Immunity</i> , 2014 , 41, 351-353	32.3	1
10	Gata6 regulates aspartoacylase expression in resident peritoneal macrophages and controls their survival. <i>Journal of Experimental Medicine</i> , 2014 , 211, 1525-31	16.6	132
9	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	7.6	60
8	Metabolic control of dendritic cell activation and function: recent advances and clinical implications. <i>Frontiers in Immunology</i> , 2014 , 5, 203	8.4	94
7	Metabolic pathways in immune cell activation and quiescence. <i>Immunity</i> , 2013 , 38, 633-43	32.3	906
6	Posttranscriptional control of T cell effector function by aerobic glycolysis. <i>Cell</i> , 2013 , 153, 1239-51	56.2	1238

5	Inhibition of mechanistic target of rapamycin promotes dendritic cell activation and enhances therapeutic autologous vaccination in mice. <i>Journal of Immunology</i> , 2012 , 189, 2151-8	5.3	131
4	Mitochondrial respiratory capacity is a critical regulator of CD8+ T cell memory development. <i>Immunity</i> , 2012 , 36, 68-78	32.3	918
3	Commitment to glycolysis sustains survival of NO-producing inflammatory dendritic cells. <i>Blood</i> , 2012 , 120, 1422-31	2.2	362
2	Toll-like receptor-induced changes in glycolytic metabolism regulate dendritic cell activation. <i>Blood</i> , 2010 , 115, 4742-9	2.2	746
1	IL-33 expression in response to SARS-CoV-2 correlates with seropositivity in COVID-19 convalescent individuals		2