

Naomi Taylor

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

3,133
citations

257450

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265206

42
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docs citations

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times ranked

4741
citing authors

#	ARTICLE	IF	CITATIONS
1	Human erythroid differentiation requires VDAC1-mediated mitochondrial clearance. <i>Haematologica</i> , 2022, 107, 167-177.	3.5	10
2	Universal antigen encoding of T cell activation from high-dimensional cytokine dynamics. <i>Science</i> , 2022, 376, 880-884.	12.6	29
3	CD19/22 CAR T cells in children and young adults with B-ALL: phase 1 results and development of a novel bicistronic CAR. <i>Blood</i> , 2022, 140, 451-463.	1.4	56
4	Abstract LB103: Novel DNA-based-T-cell-activation for the generation of chimeric antigen receptor T cells with enhanced anti-leukemia cytotoxicity. <i>Cancer Research</i> , 2022, 82, LB103-LB103.	0.9	0
5	An IDH1-vitamin C crosstalk drives human erythroid development by inhibiting pro-oxidant mitochondrial metabolism. <i>Cell Reports</i> , 2021, 34, 108723.	6.4	28
6	<i>SASH3</i> variants cause a novel form of X-linked combined immunodeficiency with immune dysregulation. <i>Blood</i> , 2021, 138, 1019-1033.	1.4	28
7	Characterization of HLH-like manifestations as a CRS variant in patients receiving CD22 CAR T cells. <i>Blood</i> , 2021, 138, 2469-2484.	1.4	79
8	Regulatory T cell differentiation is controlled by $\hat{\pm}$ KG-induced alterations in mitochondrial metabolism and lipid homeostasis. <i>Cell Reports</i> , 2021, 37, 109911.	6.4	39
9	Intrathymic adeno-associated virus gene transfer rapidly restores thymic function and long-term persistence of gene-corrected T cells. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 679-697.e5.	2.9	6
10	Targeting Glutamine Metabolism and PD-L1: A Novel Anti-tumor Pas de Deux. <i>Molecular Cell</i> , 2020, 80, 555-557.	9.7	4
11	Phosphate Transporter Profiles in Murine and Human Thymi Identify Thymocytes at Distinct Stages of Differentiation. <i>Frontiers in Immunology</i> , 2020, 11, 1562.	4.8	3
12	A predictable conserved DNA base composition signature defines human core DNA replication origins. <i>Nature Communications</i> , 2020, 11, 4826.	12.8	41
13	Women in immunology: 2020 and beyond. <i>Nature Immunology</i> , 2020, 21, 254-258.	14.5	5
14	Perforin-deficient CAR T cells recapitulate late-onset inflammatory toxicities observed in patients. <i>Journal of Clinical Investigation</i> , 2020, 130, 5425-5443.	8.2	37
15	Steroid resistance in Diamond Blackfan anemia associates with p57Kip2 dysregulation in erythroid progenitors. <i>Journal of Clinical Investigation</i> , 2020, 130, 2097-2110.	8.2	29
16	Efficacy and Safety of Baricitinib in Refractory Chronic Graft-Versus-Host Disease (cGVHD): Preliminary Analysis Results of a Phase 1/2 Study. <i>Blood</i> , 2020, 136, 1-1.	1.4	10
17	Entry of glucose- and glutamine-derived carbons into the citric acid cycle supports early steps of HIV-1 infection in CD4 T cells. <i>Nature Metabolism</i> , 2019, 1, 717-730.	11.9	62
18	Developmental differences between neonatal and adult human erythropoiesis. <i>American Journal of Hematology</i> , 2018, 93, 494-503.	4.1	45

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19	CAR T cell therapy of solid tumors. <i>Immunology and Cell Biology</i> , 2017, 95, 356-363.	2.3	155
20	Resveratrol stimulates the metabolic reprogramming of human CD4 ⁺ T cells to enhance effector function. <i>Science Signaling</i> , 2017, 10, .	3.6	29
21	Metabolic orchestration of T lineage differentiation and function. <i>FEBS Letters</i> , 2017, 591, 3104-3118.	2.8	19
22	Metabolic regulation of hematopoietic stem cell commitment and erythroid differentiation. <i>Current Opinion in Hematology</i> , 2016, 23, 198-205.	2.5	83
23	Cell surface Glut1 levels distinguish human CD4 and CD8 T lymphocyte subsets with distinct effector functions. <i>Scientific Reports</i> , 2016, 6, 24129.	3.3	82
24	Glutamine-dependent α -ketoglutarate production regulates the balance between T helper 1 cell and regulatory T cell generation. <i>Science Signaling</i> , 2015, 8, ra97.	3.6	372
25	Glucose and Glutamine Metabolism Regulate Human Hematopoietic Stem Cell Lineage Specification. <i>Cell Stem Cell</i> , 2014, 15, 169-184.	11.1	226
26	Metabolic pathways as regulators of HIV infection. <i>Current Opinion in HIV and AIDS</i> , 2013, 8, 182-189.	3.8	15
27	Concise Review: Hematopoietic Stem Cell Transplantation: Targeting the Thymus. <i>Stem Cells</i> , 2013, 31, 1245-1251.	3.2	8
28	Intrathymic progenitor cell transplantation across histocompatibility barriers results in the persistence of early thymic progenitors and T-cell differentiation. <i>Blood</i> , 2013, 121, 2144-2153.	1.4	10
29	Isolation and functional characterization of human erythroblasts at distinct stages: implications for understanding of normal and disordered erythropoiesis in vivo. <i>Blood</i> , 2013, 121, 3246-3253.	1.4	307
30	Glut1-mediated glucose transport regulates HIV infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2549-2554.	7.1	130
31	Intrathymic transplantation of bone marrow-derived progenitors provides long-term thymopoiesis. <i>Blood</i> , 2010, 115, 1913-1920.	1.4	24
32	Efficient Intrathymic Gene Transfer Following In Situ Administration of a rAAV Serotype 8 Vector in Mice and Nonhuman Primates. <i>Molecular Therapy</i> , 2009, 17, 472-479.	8.2	16
33	Erythroid glucose transporters. <i>Current Opinion in Hematology</i> , 2009, 16, 165-172.	2.5	60
34	Erythrocyte Glut1 Triggers Dehydroascorbic Acid Uptake in Mammals Unable to Synthesize Vitamin C. <i>Cell</i> , 2008, 132, 1039-1048.	28.9	225
35	Cell Surface Expression of the Bovine Leukemia Virus-Binding Receptor on B and T Lymphocytes Is Induced by Receptor Engagement. <i>Journal of Immunology</i> , 2008, 181, 891-898.	0.8	19
36	The Glut1 and Glut4 glucose transporters are differentially expressed during perinatal and postnatal erythropoiesis. <i>Blood</i> , 2008, 112, 4729-4738.	1.4	71

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37	Isolated receptor binding domains of HTLV-1 and HTLV-2 envelopes bind Glut-1 on activated CD4+ and CD8+ T cells. <i>Retrovirology</i> , 2007, 4, 31.	2.0	64
38	Glucose transporter 1 expression identifies a population of cycling CD4+CD8+ human thymocytes with high CXCR4-induced chemotaxis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 12867-12872.	7.1	85
39	Intrathymic administration of hematopoietic progenitor cells enhances T cell reconstitution in ZAP-70 severe combined immunodeficiency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 13586-13591.	7.1	23
40	In vivo correction of ZAP-70 immunodeficiency by intrathymic gene transfer. <i>Journal of Clinical Investigation</i> , 2005, 115, 2287-2295.	8.2	41
41	The Ubiquitous Glucose Transporter GLUT-1 Is a Receptor for HTLV. <i>Cell</i> , 2003, 115, 449-459.	28.9	394
42	IL-7 surface-engineered lentiviral vectors promote survival and efficient gene transfer in resting primary T lymphocytes. <i>Blood</i> , 2003, 101, 2167-2174.	1.4	103
43	The HTLV receptor is an early T-cell activation marker whose expression requires de novo protein synthesis. <i>Blood</i> , 2003, 101, 1913-1918.	1.4	61
44	A SNIPpet of safety: a Goldilocks approach in CAR-T therapy. <i>Cell Research</i> , 0, , .	12.0	0