

Miriam Merad

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4541308/publications.pdf>

Version: 2024-02-01

221
papers

61,428
citations

1883

102
h-index

1745

212
g-index

266
all docs

266
docs citations

266
times ranked

73664
citing authors

#	ARTICLE	IF	CITATIONS
1	Fate Mapping Analysis Reveals That Adult Microglia Derive from Primitive Macrophages. <i>Science</i> , 2010, 330, 841-845.	6.0	3,920
2	Understanding the tumor immune microenvironment (TIME) for effective therapy. <i>Nature Medicine</i> , 2018, 24, 541-550.	15.2	3,421
3	Development of Monocytes, Macrophages, and Dendritic Cells. <i>Science</i> , 2010, 327, 656-661.	6.0	2,471
4	Pathological inflammation in patients with COVID-19: a key role for monocytes and macrophages. <i>Nature Reviews Immunology</i> , 2020, 20, 355-362.	10.6	1,963
5	The Dendritic Cell Lineage: Ontogeny and Function of Dendritic Cells and Their Subsets in the Steady State and the Inflamed Setting. <i>Annual Review of Immunology</i> , 2013, 31, 563-604.	9.5	1,952
6	An inflammatory cytokine signature predicts COVID-19 severity and survival. <i>Nature Medicine</i> , 2020, 26, 1636-1643.	15.2	1,860
7	Tissue-Resident Macrophages Self-Maintain Locally throughout Adult Life with Minimal Contribution from Circulating Monocytes. <i>Immunity</i> , 2013, 38, 792-804.	6.6	1,767
8	Gene-expression profiles and transcriptional regulatory pathways that underlie the identity and diversity of mouse tissue macrophages. <i>Nature Immunology</i> , 2012, 13, 1118-1128.	7.0	1,731
9	Tissue-Resident Macrophage Enhancer Landscapes Are Shaped by the Local Microenvironment. <i>Cell</i> , 2014, 159, 1312-1326.	13.5	1,705
10	The Human Cell Atlas. <i>ELife</i> , 2017, 6, .	2.8	1,547
11	Immunology of COVID-19: Current State of the Science. <i>Immunity</i> , 2020, 52, 910-941.	6.6	1,387
12	Revised classification of histiocytoses and neoplasms of the macrophage-dendritic cell lineages. <i>Blood</i> , 2016, 127, 2672-2681.	0.6	1,040
13	Innate Immune Landscape in Early Lung Adenocarcinoma by Paired Single-Cell Analyses. <i>Cell</i> , 2017, 169, 750-765.e17.	13.5	937
14	Langerhans cells renew in the skin throughout life under steady-state conditions. <i>Nature Immunology</i> , 2002, 3, 1135-1141.	7.0	857
15	Expansion and Activation of CD103+ Dendritic Cell Progenitors at the Tumor Site Enhances Tumor Responses to Therapeutic PD-L1 and BRAF Inhibition. <i>Immunity</i> , 2016, 44, 924-938.	6.6	857
16	Identification of unique neoantigen qualities in long-term survivors of pancreatic cancer. <i>Nature</i> , 2017, 551, 512-516.	13.7	854
17	C-Myb+ Erythro-Myeloid Progenitor-Derived Fetal Monocytes Give Rise to Adult Tissue-Resident Macrophages. <i>Immunity</i> , 2015, 42, 665-678.	6.6	847
18	Origin of the Lamina Propria Dendritic Cell Network. <i>Immunity</i> , 2009, 31, 513-525.	6.6	758

#	ARTICLE	IF	CITATIONS
19	Bone marrow CD169+ macrophages promote the retention of hematopoietic stem and progenitor cells in the mesenchymal stem cell niche. <i>Journal of Experimental Medicine</i> , 2011, 208, 261-271.	4.2	732
20	Origin, homeostasis and function of Langerhans cells and other langerin-expressing dendritic cells. <i>Nature Reviews Immunology</i> , 2008, 8, 935-947.	10.6	703
21	Deciphering the transcriptional network of the dendritic cell lineage. <i>Nature Immunology</i> , 2012, 13, 888-899.	7.0	688
22	Microbiota-Dependent Crosstalk Between Macrophages and ILC3 Promotes Intestinal Homeostasis. <i>Science</i> , 2014, 343, 1249288.	6.0	670
23	The origin and development of nonlymphoid tissue CD103+ DCs. <i>Journal of Experimental Medicine</i> , 2009, 206, 3115-3130.	4.2	641
24	Adult Langerhans cells derive predominantly from embryonic fetal liver monocytes with a minor contribution of yolk sac-derived macrophages. <i>Journal of Experimental Medicine</i> , 2012, 209, 1167-1181.	4.2	639
25	Langerhans cells arise from monocytes in vivo. <i>Nature Immunology</i> , 2006, 7, 265-273.	7.0	627
26	Neutrophil ageing is regulated by the microbiome. <i>Nature</i> , 2015, 525, 528-532.	13.7	627
27	Social stress induces neurovascular pathology promoting depression. <i>Nature Neuroscience</i> , 2017, 20, 1752-1760.	7.1	617
28	Commensal dendritic-cell interaction specifies a unique protective skin immune signature. <i>Nature</i> , 2015, 520, 104-108.	13.7	610
29	The receptor tyrosine kinase Flt3 is required for dendritic cell development in peripheral lymphoid tissues. <i>Nature Immunology</i> , 2008, 9, 676-683.	7.0	545
30	Single-cell immune landscape of human atherosclerotic plaques. <i>Nature Medicine</i> , 2019, 25, 1576-1588.	15.2	540
31	Single-Cell Analysis of Crohn's Disease Lesions Identifies a Pathogenic Cellular Module Associated with Resistance to Anti-TNF Therapy. <i>Cell</i> , 2019, 178, 1493-1508.e20.	13.5	519
32	Flt3 Ligand Regulates Dendritic Cell Development from Flt3+ Lymphoid and Myeloid-committed Progenitors to Flt3+ Dendritic Cells In Vivo. <i>Journal of Experimental Medicine</i> , 2003, 198, 305-313.	4.2	513
33	Gut Microbiota Promote Hematopoiesis to Control Bacterial Infection. <i>Cell Host and Microbe</i> , 2014, 15, 374-381.	5.1	501
34	Crosstalk between Muscularis Macrophages and Enteric Neurons Regulates Gastrointestinal Motility. <i>Cell</i> , 2014, 158, 300-313.	13.5	498
35	Î2-Catenin Activation Promotes Immune Escape and Resistance to Anti-PD-1 Therapy in Hepatocellular Carcinoma. <i>Cancer Discovery</i> , 2019, 9, 1124-1141.	7.7	498
36	Regulation of macrophage development and function in peripheral tissues. <i>Nature Reviews Immunology</i> , 2015, 15, 731-744.	10.6	489

#	ARTICLE	IF	CITATIONS
37	Stroma-Derived Interleukin-34 Controls the Development and Maintenance of Langerhans Cells and the Maintenance of Microglia. <i>Immunity</i> , 2012, 37, 1050-1060.	6.6	482
38	A conserved dendritic-cell regulatory program limits antitumour immunity. <i>Nature</i> , 2020, 580, 257-262.	13.7	476
39	Mapping Systemic Inflammation and Antibody Responses in Multisystem Inflammatory Syndrome in Children (MIS-C). <i>Cell</i> , 2020, 183, 982-995.e14.	13.5	440
40	The immunology and immunopathology of COVID-19. <i>Science</i> , 2022, 375, 1122-1127.	6.0	434
41	Neuroimmune mechanisms of depression. <i>Nature Neuroscience</i> , 2015, 18, 1386-1393.	7.1	415
42	Notch2 Receptor Signaling Controls Functional Differentiation of Dendritic Cells in the Spleen and Intestine. <i>Immunity</i> , 2011, 35, 780-791.	6.6	412
43	Pathological sequelae of long-haul COVID. <i>Nature Immunology</i> , 2022, 23, 194-202.	7.0	408
44	Adrenergic Nerves Govern Circadian Leukocyte Recruitment to Tissues. <i>Immunity</i> , 2012, 37, 290-301.	6.6	406
45	Blood-derived dermal langerin+ dendritic cells survey the skin in the steady state. <i>Journal of Experimental Medicine</i> , 2007, 204, 3133-3146.	4.2	378
46	CD169+ macrophages provide a niche promoting erythropoiesis under homeostasis and stress. <i>Nature Medicine</i> , 2013, 19, 429-436.	15.2	370
47	GM-CSF Controls Nonlymphoid Tissue Dendritic Cell Homeostasis but Is Dispensable for the Differentiation of Inflammatory Dendritic Cells. <i>Immunity</i> , 2012, 36, 1031-1046.	6.6	365
48	Cancer and the gut microbiota: An unexpected link. <i>Science Translational Medicine</i> , 2015, 7, 271ps1.	5.8	358
49	Mutually exclusive recurrent somatic mutations in MAP2K1 and BRAF support a central role for ERK activation in LCH pathogenesis. <i>Blood</i> , 2014, 124, 3007-3015.	0.6	352
50	<i>BRAF-V600E</i> expression in precursor versus differentiated dendritic cells defines clinically distinct LCH risk groups. <i>Journal of Experimental Medicine</i> , 2014, 211, 669-683.	4.2	346
51	Microbiotas from Humans with Inflammatory Bowel Disease Alter the Balance of Gut Th17 and ROR γ ³ t+ Regulatory T Cells and Exacerbate Colitis in Mice. <i>Immunity</i> , 2019, 50, 212-224.e4.	6.6	345
52	Dendritic Cell and Macrophage Heterogeneity In Vivo. <i>Immunity</i> , 2011, 35, 323-335.	6.6	341
53	Langerhans-Cell Histiocytosis. <i>New England Journal of Medicine</i> , 2018, 379, 856-868.	13.9	336
54	Dendritic cell homeostasis. <i>Blood</i> , 2009, 113, 3418-3427.	0.6	332

#	ARTICLE	IF	CITATIONS
55	Macrophages orchestrate breast cancer early dissemination and metastasis. <i>Nature Communications</i> , 2018, 9, 21.	5.8	331
56	Hematopoietic Stem Cells Are the Major Source of Multilineage Hematopoiesis in Adult Animals. <i>Immunity</i> , 2016, 45, 597-609.	6.6	317
57	Depletion of host Langerhans cells before transplantation of donor alloreactive T cells prevents skin graft-versus-host disease. <i>Nature Medicine</i> , 2004, 10, 510-517.	15.2	298
58	Systemic clinical tumor regressions and potentiation of PD1 blockade with in situ vaccination. <i>Nature Medicine</i> , 2019, 25, 814-824.	15.2	293
59	Tissue-resident macrophages provide a pro-tumorigenic niche to early NSCLC cells. <i>Nature</i> , 2021, 595, 578-584.	13.7	284
60	MDSC: Markers, development, states, and unaddressed complexity. <i>Immunity</i> , 2021, 54, 875-884.	6.6	274
61	Interactions Between Diet and the Intestinal Microbiota Alter Intestinal Permeability and Colitis Severity in Mice. <i>Gastroenterology</i> , 2018, 154, 1037-1046.e2.	0.6	273
62	Cell-Specific Gene Expression in Langerhans Cell Histiocytosis Lesions Reveals a Distinct Profile Compared with Epidermal Langerhans Cells. <i>Journal of Immunology</i> , 2010, 184, 4557-4567.	0.4	270
63	Dietary Intake Regulates the Circulating Inflammatory Monocyte Pool. <i>Cell</i> , 2019, 178, 1102-1114.e17.	13.5	254
64	Studying the mononuclear phagocyte system in the molecular age. <i>Nature Reviews Immunology</i> , 2011, 11, 788-798.	10.6	252
65	Specialized role of migratory dendritic cells in peripheral tolerance induction. <i>Journal of Clinical Investigation</i> , 2013, 123, 844-54.	3.9	252
66	Host-Protozoan Interactions Protect from Mucosal Infections through Activation of the Inflammasome. <i>Cell</i> , 2016, 167, 444-456.e14.	13.5	251
67	Innate lymphoid cells integrate stromal and immunological signals to enhance antibody production by splenic marginal zone B cells. <i>Nature Immunology</i> , 2014, 15, 354-364.	7.0	249
68	Serum Amyloid A Proteins Induce Pathogenic Th17 Cells and Promote Inflammatory Disease. <i>Cell</i> , 2020, 180, 79-91.e16.	13.5	243
69	PD-L1 expression by dendritic cells is a key regulator of T-cell immunity in cancer. <i>Nature Cancer</i> , 2020, 1, 681-691.	5.7	240
70	Immature monocytes acquire antigens from other cells in the bone marrow and present them to T cells after maturing in the periphery. <i>Journal of Experimental Medicine</i> , 2006, 203, 583-597.	4.2	235
71	Microglial Function Is Distinct in Different Anatomical Locations during Retinal Homeostasis and Degeneration. <i>Immunity</i> , 2019, 50, 723-737.e7.	6.6	235
72	Differential rates of replacement of human dermal dendritic cells and macrophages during hematopoietic stem cell transplantation. <i>Journal of Experimental Medicine</i> , 2009, 206, 371-385.	4.2	222

#	ARTICLE	IF	CITATIONS
73	Cross-presenting CD103+ dendritic cells are protected from influenza virus infection. <i>Journal of Clinical Investigation</i> , 2012, 122, 4037-4047.	3.9	218
74	Neutrophils instruct homeostatic and pathological states in naive tissues. <i>Journal of Experimental Medicine</i> , 2018, 215, 2778-2795.	4.2	200
75	Fetal liver hematopoietic stem cell niches associate with portal vessels. <i>Science</i> , 2016, 351, 176-180.	6.0	193
76	Origin and functional heterogeneity of non-lymphoid tissue dendritic cells in mice. <i>Immunological Reviews</i> , 2010, 234, 55-75.	2.8	192
77	Lymph-migrating, tissue-derived dendritic cells are minor constituents within steady-state lymph nodes. <i>Journal of Experimental Medicine</i> , 2008, 205, 2839-2850.	4.2	191
78	Coronavirus 2019 and People Living With Human Immunodeficiency Virus: Outcomes for Hospitalized Patients in New York City. <i>Clinical Infectious Diseases</i> , 2020, 71, 2933-2938.	2.9	189
79	Epigenetic modulation of inflammation and synaptic plasticity promotes resilience against stress in mice. <i>Nature Communications</i> , 2018, 9, 477.	5.8	185
80	Pathophysiology of SARS-CoV-2: the Mount Sinai COVID-19 autopsy experience. <i>Modern Pathology</i> , 2021, 34, 1456-1467.	2.9	184
81	Quiescent Tissue Stem Cells Evade Immune Surveillance. <i>Immunity</i> , 2018, 48, 271-285.e5.	6.6	170
82	Selective and efficient generation of functional Batf3-dependent CD103+ dendritic cells from mouse bone marrow. <i>Blood</i> , 2014, 124, 3081-3091.	0.6	167
83	Human CD1c+ Dendritic Cells Drive the Differentiation of CD103+ CD8+ Mucosal Effector T Cells via the Cytokine TGF- β 2. <i>Immunity</i> , 2013, 38, 818-830.	6.6	162
84	Notch Signaling Facilitates In Vitro Generation of Cross-Presenting Classical Dendritic Cells. <i>Cell Reports</i> , 2018, 23, 3658-3672.e6.	2.9	151
85	Single-cell analysis of human non-small cell lung cancer lesions refines tumor classification and patient stratification. <i>Cancer Cell</i> , 2021, 39, 1594-1609.e12.	7.7	151
86	Host tissue determinants of tumour immunity. <i>Nature Reviews Cancer</i> , 2019, 19, 215-227.	12.8	150
87	Systemic Analysis of PPAR β in Mouse Macrophage Populations Reveals Marked Diversity in Expression with Critical Roles in Resolution of Inflammation and Airway Immunity. <i>Journal of Immunology</i> , 2012, 189, 2614-2624.	0.4	149
88	Pretransplant CSF-1 therapy expands recipient macrophages and ameliorates GVHD after allogeneic hematopoietic cell transplantation. <i>Journal of Experimental Medicine</i> , 2011, 208, 1069-1082.	4.2	145
89	PET Imaging of Tumor-Associated Macrophages with ⁸⁹ Zr-Labeled High-Density Lipoprotein Nanoparticles. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1272-1277.	2.8	145
90	Mammalian Target of Rapamycin Controls Dendritic Cell Development Downstream of Flt3 Ligand Signaling. <i>Immunity</i> , 2010, 33, 597-606.	6.6	142

#	ARTICLE	IF	CITATIONS
91	In-depth tissue profiling using multiplexed immunohistochemical consecutive staining on single slide. <i>Science Immunology</i> , 2016, 1, aaf6925.	5.6	142
92	Progress in understanding the pathogenesis of Langerhans cell histiocytosis: back to Histiocytosis X?. <i>British Journal of Haematology</i> , 2015, 169, 3-13.	1.2	141
93	CSF-1 controls cerebellar microglia and is required for motor function and social interaction. <i>Journal of Experimental Medicine</i> , 2019, 216, 2265-2281.	4.2	138
94	Topoisomerase 1 inhibition suppresses inflammatory genes and protects from death by inflammation. <i>Science</i> , 2016, 352, aad7993.	6.0	132
95	Identification of a radio-resistant and cycling dermal dendritic cell population in mice and men. <i>Journal of Experimental Medicine</i> , 2006, 203, 2627-2638.	4.2	128
96	Alternative genetic mechanisms of BRAF activation in Langerhans cell histiocytosis. <i>Blood</i> , 2016, 128, 2533-2537.	0.6	122
97	Dendritic cell regulation of carbon tetrachloride-induced murine liver fibrosis regression. <i>Hepatology</i> , 2012, 55, 244-255.	3.6	119
98	Intestinal Host Response to SARS-CoV-2 Infection and COVID-19 Outcomes in Patients With Gastrointestinal Symptoms. <i>Gastroenterology</i> , 2021, 160, 2435-2450.e34.	0.6	118
99	The miR-126-VEGFR2 axis controls the innate response to pathogen-associated nucleic acids. <i>Nature Immunology</i> , 2014, 15, 54-62.	7.0	116
100	Regulation of microglia development and homeostasis. <i>Glia</i> , 2013, 61, 121-127.	2.5	111
101	CDKN1A regulates Langerhans cell survival and promotes Treg cell generation upon exposure to ionizing irradiation. <i>Nature Immunology</i> , 2015, 16, 1060-1068.	7.0	110
102	Protein Barcodes Enable High-Dimensional Single-Cell CRISPR Screens. <i>Cell</i> , 2018, 175, 1141-1155.e16.	13.5	107
103	A tertiary center experience of multiple myeloma patients with COVID-19: lessons learned and the path forward. <i>Journal of Hematology and Oncology</i> , 2020, 13, 94.	6.9	107
104	In vivo manipulation of dendritic cells to induce therapeutic immunity. <i>Blood</i> , 2002, 99, 1676-1682.	0.6	104
105	Ontogeny and homeostasis of Langerhans cells. <i>Immunology and Cell Biology</i> , 2010, 88, 387-392.	1.0	104
106	Constitutive resistance to viral infection in human CD141 ⁺ dendritic cells. <i>Science Immunology</i> , 2017, 2, .	5.6	99
107	MRI radiomics features predict immuno-oncological characteristics of hepatocellular carcinoma. <i>European Radiology</i> , 2020, 30, 3759-3769.	2.3	97
108	Microbiota regulate the ability of lung dendritic cells to induce IgA class-switch recombination and generate protective gastrointestinal immune responses. <i>Journal of Experimental Medicine</i> , 2016, 213, 53-73.	4.2	94

#	ARTICLE	IF	CITATIONS
109	Differentiation of myeloid dendritic cells into CD8 ⁺ -positive dendritic cells in vivo. <i>Blood</i> , 2000, 96, 1865-1872.	0.6	92
110	Neurocognitive and hypokinetic movement disorder with features of parkinsonism after BCMA-targeting CAR-T cell therapy. <i>Nature Medicine</i> , 2021, 27, 2099-2103.	15.2	92
111	A Critical Role for Fas-Mediated Off-Target Tumor Killing in T-cell Immunotherapy. <i>Cancer Discovery</i> , 2021, 11, 599-613.	7.7	90
112	Single-cell profiling of peanut-responsive T cells in patients with peanut allergy reveals heterogeneous effector TH2 subsets. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 2107-2120.	1.5	88
113	The interaction of CD4 ⁺ helper T cells with dendritic cells shapes the tumor microenvironment and immune checkpoint blockade response. <i>Nature Cancer</i> , 2022, 3, 303-317.	5.7	85
114	Neoadjuvant cemiplimab for resectable hepatocellular carcinoma: a single-arm, open-label, phase 2 trial. <i>The Lancet Gastroenterology and Hepatology</i> , 2022, 7, 219-229.	3.7	79
115	Spatial CRISPR genomics identifies regulators of the tumor microenvironment. <i>Cell</i> , 2022, 185, 1223-1239.e20.	13.5	79
116	Mapping the effects of drugs on the immune system. <i>Nature Biotechnology</i> , 2016, 34, 47-54.	9.4	78
117	Macrophages: Gatekeepers of Tissue Integrity. <i>Cancer Immunology Research</i> , 2013, 1, 201-209.	1.6	76
118	CNS Langerhans cell histiocytosis: Common hematopoietic origin for LCH-associated neurodegeneration and mass lesions. <i>Cancer</i> , 2018, 124, 2607-2620.	2.0	73
119	Early non-neutralizing, afucosylated antibody responses are associated with COVID-19 severity. <i>Science Translational Medicine</i> , 2022, 14, eabm7853.	5.8	71
120	Quantification of hepatocellular carcinoma heterogeneity with multiparametric magnetic resonance imaging. <i>Scientific Reports</i> , 2017, 7, 2452.	1.6	70
121	Ulcerative colitis is characterized by a plasmablast-skewed humoral response associated with disease activity. <i>Nature Medicine</i> , 2022, 28, 766-779.	15.2	70
122	Complex Autoinflammatory Syndrome Unveils Fundamental Principles of JAK1 Kinase Transcriptional and Biochemical Function. <i>Immunity</i> , 2020, 53, 672-684.e11.	6.6	66
123	Human CD141 ⁺ Dendritic Cells Induce CD4 ⁺ T Cells To Produce Type 2 Cytokines. <i>Journal of Immunology</i> , 2014, 193, 4335-4343.	0.4	65
124	A myeloid stromal niche and gp130 rescue in NOD2-driven Crohn's disease. <i>Nature</i> , 2021, 593, 275-281.	13.7	65
125	Multidimensional Predictors of Susceptibility and Resilience to Social Defeat Stress. <i>Biological Psychiatry</i> , 2019, 86, 483-491.	0.7	64
126	Antigen-presenting cell-derived complement modulates graft-versus-host disease. <i>Journal of Clinical Investigation</i> , 2012, 122, 2234-2238.	3.9	63

#	ARTICLE	IF	CITATIONS
127	Variable cellular responses to SARS-CoV-2 in fully vaccinated patients with multiple myeloma. <i>Cancer Cell</i> , 2021, 39, 1442-1444.	7.7	62
128	Pathological Consequence of Misguided Dendritic Cell Differentiation in Histiocytic Diseases. <i>Advances in Immunology</i> , 2013, 120, 127-161.	1.1	61
129	RAF/MEK/extracellular signalâ€related kinase pathway suppresses dendritic cell migration and traps dendritic cells in Langerhans cell histiocytosis lesions. <i>Journal of Experimental Medicine</i> , 2018, 215, 319-336.	4.2	58
130	Dendritic Cell Development from Common Myeloid Progenitors. <i>Annals of the New York Academy of Sciences</i> , 2001, 938, 167-174.	1.8	55
131	PDL2+ CD11b+ dermal dendritic cells capture topical antigen through hair follicles to prime LAP+ Tregs. <i>Nature Communications</i> , 2018, 9, 5238.	5.8	55
132	Development of a Comprehensive Antibody Staining Database Using a Standardized Analytics Pipeline. <i>Frontiers in Immunology</i> , 2019, 10, 1315.	2.2	55
133	Dissection of Immune Gene Networks in Primary Melanoma Tumors Critical for Antitumor Surveillance of Patients with Stage IIâ€III Resectable Disease. <i>Journal of Investigative Dermatology</i> , 2014, 134, 2202-2211.	0.3	51
134	A Frameshift in CSF2RB Predominant Among Ashkenazi Jews Increases Risk for Crohn's Disease and Reduces Monocyte Signaling via GM-CSF. <i>Gastroenterology</i> , 2016, 151, 710-723.e2.	0.6	51
135	Limited intestinal inflammation despite diarrhea, fecal viral RNA and SARS-CoV-2-specific IgA in patients with acute COVID-19. <i>Scientific Reports</i> , 2021, 11, 13308.	1.6	50
136	Advancing scientific knowledge in times of pandemics. <i>Nature Reviews Immunology</i> , 2020, 20, 338-338.	10.6	49
137	Expanding dendritic cell nomenclature in the single-cell era. <i>Nature Reviews Immunology</i> , 2022, 22, 67-68.	10.6	49
138	Flk2+ myeloid progenitors are the main source of Langerhans cells. <i>Blood</i> , 2006, 107, 1383-1390.	0.6	48
139	Squalene emulsion-based vaccine adjuvants stimulate CD8 T cell, but not antibody responses, through a RIPK3-dependent pathway. <i>ELife</i> , 2020, 9, .	2.8	48
140	Dll4â€Notch signaling in Flt3-independent dendritic cell development and autoimmunity in mice. <i>Journal of Experimental Medicine</i> , 2012, 209, 1011-1028.	4.2	47
141	GFP-specific CD8 T cells enable targeted cell depletion and visualization of T-cell interactions. <i>Nature Biotechnology</i> , 2015, 33, 1287-1292.	9.4	46
142	Histiocytic disorders. <i>Nature Reviews Disease Primers</i> , 2021, 7, 73.	18.1	46
143	IFN Regulatory Factor 8 Represses GM-CSF Expression in T Cells To Affect Myeloid Cell Lineage Differentiation. <i>Journal of Immunology</i> , 2015, 194, 2369-2379.	0.4	45
144	The earliest intrathymic precursors of CD8 ⁺ thymic dendritic cells correspond to myeloidâ€type doubleâ€negative 1c cells. <i>European Journal of Immunology</i> , 2011, 41, 2165-2175.	1.6	43

#	ARTICLE	IF	CITATIONS
145	Downregulation of exhausted cytotoxic T cells in gene expression networks of multisystem inflammatory syndrome in children. <i>Nature Communications</i> , 2021, 12, 4854.	5.8	42
146	RXRs control serous macrophage neonatal expansion and identity and contribute to ovarian cancer progression. <i>Nature Communications</i> , 2020, 11, 1655.	5.8	39
147	High-dimensional immune phenotyping and transcriptional analyses reveal robust recovery of viable human immune and epithelial cells from frozen gastrointestinal tissue. <i>Mucosal Immunology</i> , 2018, 11, 1684-1693.	2.7	38
148	BRAFV600E-induced senescence drives Langerhans cell histiocytosis pathophysiology. <i>Nature Medicine</i> , 2021, 27, 851-861.	15.2	38
149	Lymphoma: Immune Evasion Strategies. <i>Cancers</i> , 2015, 7, 736-762.	1.7	35
150	CSF1R inhibition depletes tumor-associated macrophages and attenuates tumor progression in a mouse sonic Hedgehog-Medulloblastoma model. <i>Oncogene</i> , 2021, 40, 396-407.	2.6	35
151	Multiplexed Immunohistochemical Consecutive Staining on Single Slide (MICSSS): Multiplexed Chromogenic IHC Assay for High-Dimensional Tissue Analysis. <i>Methods in Molecular Biology</i> , 2020, 2055, 497-519.	0.4	35
152	Langerhans Cell Homeostasis and Turnover After Nonmyeloablative and Myeloablative Allogeneic Hematopoietic Cell Transplantation. <i>Transplantation</i> , 2014, 98, 563-568.	0.5	34
153	Dendritic Cells in Transplantation and Immune-Based Therapies. <i>Biology of Blood and Marrow Transplantation</i> , 2007, 13, 23-32.	2.0	33
154	Activation of Toll-like Receptor-2 by Endogenous Matrix Metalloproteinase-2 Modulates Dendritic-Cell-Mediated Inflammatory Responses. <i>Cell Reports</i> , 2014, 9, 1856-1870.	2.9	33
155	Expression of the Chemokine Binding Protein M3 Promotes Marked Changes in the Accumulation of Specific Leukocytes Subsets Within the Intestine. <i>Gastroenterology</i> , 2009, 137, 1006-1018.e3.	0.6	30
156	Transcriptional Profiling of Egg Allergy and Relationship to Disease Phenotype. <i>PLoS ONE</i> , 2016, 11, e0163831.	1.1	30
157	Interleukin-15 receptor $\hat{\alpha}$ on hepatic stellate cells regulates hepatic fibrogenesis in mice. <i>Journal of Hepatology</i> , 2016, 65, 344-353.	1.8	30
158	Whole-Body UVB Irradiation during Allogeneic Hematopoietic Cell Transplantation Is Safe and Decreases Acute Graft-versus-Host Disease. <i>Journal of Investigative Dermatology</i> , 2012, 132, 179-187.	0.3	29
159	Mononuclear phagocyte diversity in the intestine. <i>Immunologic Research</i> , 2012, 54, 37-49.	1.3	29
160	Augmentation of humoral and cellular immune responses after third-dose SARS-CoV-2 vaccination and viral neutralization in myeloma patients. <i>Cancer Cell</i> , 2022, 40, 441-443.	7.7	29
161	Rapid, scalable assessment of SARS-CoV-2 cellular immunity by whole-blood PCR. <i>Nature Biotechnology</i> , 2022, 40, 1680-1689.	9.4	29
162	A streamlined whole blood <i>CyTOF</i> workflow defines a circulating immune cell signature of <i>COVID-19</i> . <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2021, 99, 446-461.	1.1	28

#	ARTICLE	IF	CITATIONS
163	Sampling the host response to SARS-CoV-2 in hospitals under siege. <i>Nature Medicine</i> , 2020, 26, 1157-1158.	15.2	27
164	Dendritic cell homeostasis and trafficking in transplantation. <i>Trends in Immunology</i> , 2007, 28, 353-359.	2.9	25
165	Requirement for Innate Immunity and CD90+ NK1.1 ^{hi} Lymphocytes to Treat Established Melanoma with Chemo-Immunotherapy. <i>Cancer Immunology Research</i> , 2015, 3, 296-304.	1.6	25
166	Circulating CD1c+ myeloid dendritic cells are potential precursors to LCH lesion CD1a+CD207+ cells. <i>Blood Advances</i> , 2020, 4, 87-99.	2.5	25
167	Overcoming T-cell exhaustion in LCH: PD-1 blockade and targeted MAPK inhibition are synergistic in a mouse model of LCH. <i>Blood</i> , 2021, 137, 1777-1791.	0.6	25
168	An aberrant inflammatory response in severe COVID-19. <i>Cell Host and Microbe</i> , 2021, 29, 1043-1047.	5.1	24
169	Activating <i>MAPK1</i> (ERK2) mutation in an aggressive case of disseminated juvenile xanthogranuloma. <i>Oncotarget</i> , 2017, 8, 46065-46070.	0.8	24
170	Expression of Blimp-1 in Dendritic Cells Modulates the Innate Inflammatory Response in Dextran Sodium Sulfate-Induced Colitis. <i>Molecular Medicine</i> , 2014, 20, 707-719.	1.9	22
171	Type I interferon promotes alveolar epithelial type II cell survival during pulmonary <i>Streptococcus pneumoniae</i> infection and sterile lung injury in mice. <i>European Journal of Immunology</i> , 2016, 46, 2175-2186.	1.6	21
172	Medullary thymic epithelial cells and CD8 ^{hi} + dendritic cells coordinately regulate central tolerance but CD8 ^{hi} + cells are dispensable for thymic regulatory T cell production. <i>Journal of Autoimmunity</i> , 2016, 75, 141-149.	3.0	21
173	A microRNA expression and regulatory element activity atlas of the mouse immune system. <i>Nature Immunology</i> , 2021, 22, 914-927.	7.0	19
174	Neutralizing Anti-Granulocyte Macrophage-Colony Stimulating Factor Autoantibodies Recognize Post-Translational Glycosylations on Granulocyte Macrophage-Colony Stimulating Factor Years Before Diagnosis and Predict Complicated Crohn's Disease. <i>Gastroenterology</i> , 2022, 163, 659-670.	0.6	18
175	Dendritic cell genealogy: a new stem or just another branch?. <i>Nature Immunology</i> , 2007, 8, 1199-1201.	7.0	16
176	Children and SARS-CoV-2. <i>Cell Host and Microbe</i> , 2021, 29, 1040-1042.	5.1	16
177	A genome-wide association study of LCH identifies a variant in <i>SMAD6</i> associated with susceptibility. <i>Blood</i> , 2017, 130, 2229-2232.	0.6	15
178	<i>iRhom2</i> regulates CSF1R cell surface expression and non-steady state myelopoiesis in mice. <i>European Journal of Immunology</i> , 2016, 46, 2737-2748.	1.6	14
179	Harnessing dendritic cells to improve allogeneic hematopoietic cell transplantation outcome. <i>Seminars in Immunology</i> , 2011, 23, 50-57.	2.7	13
180	A dendritic-cell brake on antitumour immunity. <i>Nature</i> , 2015, 523, 294-295.	13.7	12

#	ARTICLE	IF	CITATIONS
181	Antitumor T-cell Homeostatic Activation Is Uncoupled from Homeostatic Inhibition by Checkpoint Blockade. <i>Cancer Discovery</i> , 2019, 9, 1520-1537.	7.7	12
182	Interleukin-1 β -induced IRAK1 ubiquitination is required for TH-17 cell differentiation in T cell-mediated inflammation. <i>Journal of Autoimmunity</i> , 2019, 102, 50-64.	3.0	12
183	Neoadjuvant clinical trials provide a window of opportunity for cancer drug discovery. <i>Nature Medicine</i> , 2022, 28, 626-629.	15.2	12
184	High-dimensional single cell mapping of cerium distribution in the lung immune microenvironment of an active smoker. <i>Cytometry Part B - Clinical Cytometry</i> , 2018, 94, 941-945.	0.7	11
185	Challenges and Opportunities in IBD Clinical Trial Design. <i>Gastroenterology</i> , 2021, 161, 400-404.	0.6	11
186	Neoadjuvant Immunotherapy for Hepatocellular Carcinoma. <i>Journal of Hepatocellular Carcinoma</i> , 0, Volume 9, 571-581.	1.8	10
187	Isolation of Cutaneous Dendritic Cells. <i>Methods in Molecular Biology</i> , 2010, 595, 231-233.	0.4	8
188	Differentiation of myeloid dendritic cells into CD8 α -positive dendritic cells in vivo. <i>Blood</i> , 2000, 96, 1865-1872.	0.6	8
189	Ontogeny of Langerhans Cells and Graft Versus Host Disease. , 2005, 560, 115-123.		6
190	PU.1 Takes Control of the Dendritic Cell Lineage. <i>Immunity</i> , 2010, 32, 583-585.	6.6	6
191	BRAFV 600E or mutant MAP2K1 human CD34+ cells establish Langerhans cell-like histiocytosis in immune-deficient mice. <i>Blood Advances</i> , 2020, 4, 4912-4917.	2.5	6
192	High-dimensional analysis defines multicytokine T β cell subsets and supports a role for IL-21 in atopic dermatitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 3080-3093.	2.7	6
193	Inhaled steroids associated with decreased macrophage markers in nonasthmatic individuals with sickle cell disease in a randomized trial. <i>Annals of Hematology</i> , 2019, 98, 841-849.	0.8	5
194	Highlights from a year in a pandemic. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	4
195	Impact of gemcitabine + cisplatin + ipilimumab on circulating immune cells in patients (pts) with metastatic urothelial cancer (mUC).. <i>Journal of Clinical Oncology</i> , 2015, 33, 4586-4586.	0.8	4
196	Abstract CT182: Neoadjuvant cemiplimab demonstrates complete pathological responses in hepatocellular carcinoma. <i>Cancer Research</i> , 2021, 81, CT182-CT182.	0.4	3
197	Archives and citation miss equal authors. <i>Nature</i> , 2015, 528, 333-333.	13.7	2
198	Cooperation between the alveolar epithelium and lung-resident basophils shapes alveolar macrophages. <i>Nature Reviews Immunology</i> , 2021, 21, 344-344.	10.6	2

#	ARTICLE	IF	CITATIONS
199	Nestin+ Pericytes In The Fetal Liver Are Necessary To Maintain HSCs. <i>Blood</i> , 2013, 122, 583-583.	0.6	2
200	The two faces of pancreas tissue-resident macrophages. <i>Nature Reviews Immunology</i> , 2022, 22, 336-336.	10.6	2
201	A phase 1b/2 trial of dupilumab given in conjunction with PD-(L)1 blockade in the treatment of relapsed/refractory metastatic NSCLC.. <i>Journal of Clinical Oncology</i> , 2022, 40, TPS9139-TPS9139.	0.8	2
202	â€œAmerica Firstâ€•Will Destroy U.S. Science. <i>Cell</i> , 2020, 183, 841-844.	13.5	1
203	Innate IL-13 licenses dermal type 2 dendritic cells for efficient T helper 2 cell responses. <i>Nature Reviews Immunology</i> , 2021, 21, 275-275.	10.6	1
204	Abstract 64: Characterization of molecular and spatial diversity of macrophages in hepatocellular carcinoma. , 2021, , .		1
205	Pre-Transplant CSF-1 Therapy Expands the Recipient Macrophage Pool and Modulates Graft Versus Host Disease After Allogeneic Hematopoietic Cell Transplantation. <i>Blood</i> , 2010, 116, 242-242.	0.6	1
206	Frequent BRAF V600E Mutations Are Identified in CD207+ Cells in LCH Lesions, but BRAF Status does not Correlate with Clinical Presentation of Patients or Transcriptional Profiles of CD207+ Cells. <i>Blood</i> , 2011, 118, 1372-1372.	0.6	1
207	Cross Talk between the Immune Compartment and the Tumor Cells in Myelodysplastic Syndromes (MDS). <i>Blood</i> , 2019, 134, 2986-2986.	0.6	1
208	Preoperative durvalumab (D) with or without tremelimumab (T) for resectable head and neck squamous cell carcinoma (HNSCC): Updated results with high dimensional profiling of circulating immune cells.. <i>Journal of Clinical Oncology</i> , 2022, 40, 6072-6072.	0.8	1
209	Reflections from a mother scientist. <i>Nature Medicine</i> , 2020, 26, 1316-1316.	15.2	0
210	Dendritic Cell Homeostasis: Physiology and Impact on Disease. , 2010, , 161-212.		0
211	The Origin and Function of Langerin (CD207) Expressing Cells in Mice and Humans. <i>Blood</i> , 2012, 120, SCI-7-SCI-7.	0.6	0
212	CD169+ Macrophages Regulate Erythropoiesis Under Homeostasis, Recovery From Erythron Injury and in JAK2V617F-Induced Polycythemia Vera. <i>Blood</i> , 2012, 120, 80-80.	0.6	0
213	Immune gene expression in primary melanomas to predict lower risk of recurrence and death.. <i>Journal of Clinical Oncology</i> , 2013, 31, 3014-3014.	0.8	0
214	Hematopoietic Stem Cells and Circulating Myelomonocytic Precursors With BRAF-V600E Are Identified In High-Risk Patients and Define LCH As a Myeloid Neoplasia. <i>Blood</i> , 2013, 122, 103-103.	0.6	0
215	The Tissue Macrophage Lineage. <i>Blood</i> , 2014, 124, SCI-7-SCI-7.	0.6	0
216	Inflammatory Plasma Proteins Predict Disease Severity and Response to Therapy in Patients with LCH. <i>Blood</i> , 2015, 126, 4072-4072.	0.6	0

#	ARTICLE	IF	CITATIONS
217	Dynamic changes in the immune infiltrate within hepatocellular carcinoma tumor correlate with response to PD-1 blockade.. Journal of Clinical Oncology, 2019, 37, e15644-e15644.	0.8	0
218	Blocking MAPK Activation and Immune Checkpoints Reverse Immune Dysfunction and Reduce Disease in a Mouse Model of LCH. Blood, 2019, 134, 3602-3602.	0.6	0
219	TCR Repertoire Clonality Analysis and Transcriptome Analyses of Immune Infiltrates in Patients with Langerhans Cell Histiocytosis Can Define Prognostic Biomarkers for Future Therapeutic Development. Blood, 2019, 134, 3601-3601.	0.6	0
220	510. Elevated IL-1 β level as a predictor of inflammation and death in COVID-19. Open Forum Infectious Diseases, 2020, 7, S320-S321.	0.4	0
221	Neoadjuvant immunotherapy for resectable hepatocellular carcinoma – Authors' reply. The Lancet Gastroenterology and Hepatology, 2022, 7, 505.	3.7	0