

Fate Mapping Reveals Origins and Dynamics of Monocytic Homeostasis

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Citation Report

#	ARTICLE	IF	CITATIONS
1	CELLULAR REQUIREMENTS FOR THE PRIMARY IN VITRO ANTIBODY RESPONSE TO DNP-FICOLL. <i>Journal of Experimental Medicine</i> , 1974, 139, 1354-1360.	4.2	141
2	Monocyte heterogeneity in cardiovascular disease. <i>Seminars in Immunopathology</i> , 2013, 35, 553-562.	2.8	72
3	Single-cell sequencing-based technologies will revolutionize whole-organism science. <i>Nature Reviews Genetics</i> , 2013, 14, 618-630.	7.7	1,012
4	The nuclear receptor LXR β controls the functional specialization of splenic macrophages. <i>Nature Immunology</i> , 2013, 14, 831-839.	7.0	147
5	Genetic Tracing via DNGR-1 Expression History Defines Dendritic Cells as a Hematopoietic Lineage. <i>Cell</i> , 2013, 154, 843-858.	13.5	253
6	Tumor-associated macrophages: functional diversity, clinical significance, and open questions. <i>Seminars in Immunopathology</i> , 2013, 35, 585-600.	2.8	447
7	Proliferating macrophages prevail in atherosclerosis. <i>Nature Medicine</i> , 2013, 19, 1094-1095.	15.2	45
8	Real-Time In Vivo Imaging Reveals the Ability of Monocytes to Clear Vascular Amyloid Beta. <i>Cell Reports</i> , 2013, 5, 646-653.	2.9	195
9	Use of Induced Pluripotent Stem Cells to Recapitulate Pulmonary Alveolar Proteinosis Pathogenesis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 183-193.	2.5	51
10	The role of macrophages in obstructive airways disease: Chronic obstructive pulmonary disease and asthma. <i>Cytokine</i> , 2013, 64, 613-625.	1.4	52
11	Transcriptional Control of Macrophage Identity, Self-Renewal, and Function. <i>Advances in Immunology</i> , 2013, 120, 269-300.	1.1	34
12	Ontogeny and Functional Specialization of Dendritic Cells in Human and Mouse. <i>Advances in Immunology</i> , 2013, 120, 1-49.	1.1	157
13	A Close Encounter of the Third Kind. <i>Advances in Immunology</i> , 2013, 120, 69-103.	1.1	125
14	A new type of microglia gene targeting shows TAK1 to be pivotal in CNS autoimmune inflammation. <i>Nature Neuroscience</i> , 2013, 16, 1618-1626.	7.1	574
15	Sources of heterogeneity in human monocyte subsets. <i>Immunology Letters</i> , 2013, 152, 32-41.	1.1	69
16	The Spleen in Local and Systemic Regulation of Immunity. <i>Immunity</i> , 2013, 39, 806-818.	6.6	707
17	Tumor-Associated Macrophages as a Paradigm of Macrophage Plasticity, Diversity, and Polarization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1478-1483.	1.1	232
18	Beyond Stem Cells: Self-Renewal of Differentiated Macrophages. <i>Science</i> , 2013, 342, 1242974.	6.0	408

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19	Tissue-resident macrophages. <i>Nature Immunology</i> , 2013, 14, 986-995.	7.0	1,621
20	Regulatory T cells in nonlymphoid tissues. <i>Nature Immunology</i> , 2013, 14, 1007-1013.	7.0	308
21	IL-4 directly signals tissue-resident macrophages to proliferate beyond homeostatic levels controlled by CSF-1. <i>Journal of Experimental Medicine</i> , 2013, 210, 2477-2491.	4.2	337
22	Alveolar macrophages develop from fetal monocytes that differentiate into long-lived cells in the first week of life via GM-CSF. <i>Journal of Experimental Medicine</i> , 2013, 210, 1977-1992.	4.2	976
23	Retinoid X receptors in macrophage biology. <i>Trends in Endocrinology and Metabolism</i> , 2013, 24, 460-468.	3.1	113
24	Tissue LyC6â~ Macrophages Are Generated in the Absence of Circulating LyC6â~ Monocytes and Nur77 in a Model of Muscle Regeneration. <i>Journal of Immunology</i> , 2013, 191, 5695-5701.	0.4	80
25	Minimal Differentiation of Classical Monocytes as They Survey Steady-State Tissues and Transport Antigen to Lymph Nodes. <i>Immunity</i> , 2013, 39, 599-610.	6.6	656
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28	Brain microglia: watchdogs with pedigree. <i>Nature Neuroscience</i> , 2013, 16, 253-255.	7.1	31
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31	Tissue macrophage heterogeneity: issues and prospects. <i>Seminars in Immunopathology</i> , 2013, 35, 533-540.	2.8	41
32	The contentious ontogeny of fibrosis in the kidney. <i>Kidney International</i> , 2013, 84, 14-15.	2.6	6
33	Origin of monocytes and macrophages in a committed progenitor. <i>Nature Immunology</i> , 2013, 14, 821-830.	7.0	523
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37	Sisters in arms: myeloid and tubular epithelial cells shape renal innate immunity. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, F1243-F1251.	1.3	28
38	Myb-Independent Macrophages: A Family of Cells That Develops with Their Tissue of Residence and Is Involved in Its Homeostasis. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2013, 78, 91-100.	2.0	35
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40	Functional diversity of microglia – how heterogeneous are they to begin with?. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 65.	1.8	174
41	Transcription factor Runx2 controls the development and migration of plasmacytoid dendritic cells. <i>Journal of Experimental Medicine</i> , 2013, 210, 2151-2159.	4.2	102
42	Monocytes and macrophages as nanomedicinal targets for improved diagnosis and treatment of disease. <i>Expert Review of Molecular Diagnostics</i> , 2013, 13, 567-580.	1.5	86
43	Macrophages: Gatekeepers of Tissue Integrity. <i>Cancer Immunology Research</i> , 2013, 1, 201-209.	1.6	76
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45	Sphingosine 1-phosphate receptor 3 regulates recruitment of anti-inflammatory monocytes to microvessels during implant arteriogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13785-13790.	3.3	133
46	CX3CR1 reduces Ly6Chigh-monocyte motility within and release from the bone marrow after chemotherapy in mice. <i>Blood</i> , 2013, 122, 674-683.	0.6	63
47	Efficient, Long Term Production of Monocyte-Derived Macrophages from Human Pluripotent Stem Cells under Partly-Defined and Fully-Defined Conditions. <i>PLoS ONE</i> , 2013, 8, e71098.	1.1	226
48	Spirolactone Attenuates Bleomycin-Induced Pulmonary Injury Partially via Modulating Mononuclear Phagocyte Phenotype Switching in Circulating and Alveolar Compartments. <i>PLoS ONE</i> , 2013, 8, e81090.	1.1	34
49	Microglia, seen from the CX3CR1 angle. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 26.	1.8	268
50	Managing Inflammation after Spinal Cord Injury through Manipulation of Macrophage Function. <i>Neural Plasticity</i> , 2013, 2013, 1-9.	1.0	92
51	Persistent Lung Inflammation and Fibrosis in Serum Amyloid P Component (Apcs ^{-/-}) Knockout Mice. <i>PLoS ONE</i> , 2014, 9, e93730.	1.1	69
52	Interleukin 17 Receptor A Modulates Monocyte Subsets and Macrophage Generation In Vivo. <i>PLoS ONE</i> , 2014, 9, e85461.	1.1	46
53	Distinct Functional Programs in Fetal T and Myeloid Lineages. <i>Frontiers in Immunology</i> , 2014, 5, 314.	2.2	13
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56	Macrophage Polarization in Lung Biology and Diseases. , 2014, , .		4
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58	Inflammatory Monocytes Orchestrate Innate Antifungal Immunity in the Lung. <i>PLoS Pathogens</i> , 2014, 10, e1003940.	2.1	154
59	Lactotransferrin-Cre reporter mice trace neutrophils, monocytes/macrophages and distinct subtypes of dendritic cells. <i>Haematologica</i> , 2014, 99, 1006-1015.	1.7	15
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63	Ly6Chigh Monocytes Become Alternatively Activated Macrophages in Schistosome Granulomas with Help from CD4+ Cells. <i>PLoS Pathogens</i> , 2014, 10, e1004080.	2.1	94
64	Alveolar Macrophages Are Essential for Protection from Respiratory Failure and Associated Morbidity following Influenza Virus Infection. <i>PLoS Pathogens</i> , 2014, 10, e1004053.	2.1	271
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68	Nonclassical Ly6C ^{hi} Monocytes Drive the Development of Inflammatory Arthritis in Mice. <i>Cell Reports</i> , 2014, 9, 591-604.	2.9	270
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74	Understanding macrophage diversity at the ontogenic and transcriptomic levels. <i>Immunological Reviews</i> , 2014, 262, 85-95.	2.8	37
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76	The role of macrophages in influenza A virus infection. <i>Future Virology</i> , 2014, 9, 847-862.	0.9	29
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78	Resolution of acute inflammation bridges the gap between innate and adaptive immunity. <i>Blood</i> , 2014, 124, 1748-1764.	0.6	142
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80	Mononuclear phagocytes of the intestine, the skin, and the lung. <i>Immunological Reviews</i> , 2014, 262, 9-24.	2.8	91
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83	Aging impairs peritoneal but not bone marrow-derived macrophage phagocytosis. <i>Aging Cell</i> , 2014, 13, 699-708.	3.0	120
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86	Macrophages in intestinal homeostasis and inflammation. <i>Immunological Reviews</i> , 2014, 260, 102-117.	2.8	466
87	Pleiotropic effects of extended blockade of CSF1R signaling in adult mice. <i>Journal of Leukocyte Biology</i> , 2014, 96, 265-274.	1.5	86
88	Dynamic Changes in Macrophage Activation and Proliferation during the Development and Resolution of Intestinal Inflammation. <i>Journal of Immunology</i> , 2014, 193, 4684-4695.	0.4	37
89	Exploring the activated adipogenic niche: Interactions of macrophages and adipocyte progenitors. <i>Cell Cycle</i> , 2014, 13, 184-190.	1.3	37
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105	Adipose tissue-resident regulatory T cells: phenotypic specialization, functions and therapeutic potential. Immunology, 2014, 142, 517-525.	2.0	104
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120	Cardiac Macrophages: How to Mend a Broken Heart. <i>Immunity</i> , 2014, 40, 3-5.	6.6	15
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128	Inflammatory monocyte effector mechanisms. <i>Cellular Immunology</i> , 2014, 291, 32-40.	1.4	54
129	Monocyte homeostasis and the plasticity of inflammatory monocytes. <i>Cellular Immunology</i> , 2014, 291, 22-31.	1.4	98
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143	Induction of the nuclear receptor $\text{PPAR}\beta$ by the cytokine GM-CSF is critical for the differentiation of fetal monocytes into alveolar macrophages. <i>Nature Immunology</i> , 2014, 15, 1026-1037.	7.0	443
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156	Ontogeny and Functions of Central Nervous System Macrophages. <i>Journal of Immunology</i> , 2014, 193, 2615-2621.	0.4	113
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160	Dendritic cells, monocytes and macrophages: a unified nomenclature based on ontogeny. <i>Nature Reviews Immunology</i> , 2014, 14, 571-578.	10.6	1,494
161	Sublime Microglia: Expanding Roles for the Guardians of the CNS. <i>Cell</i> , 2014, 158, 15-24.	13.5	441
162	Gata6 regulates aspartoacylase expression in resident peritoneal macrophages and controls their survival. <i>Journal of Experimental Medicine</i> , 2014, 211, 1525-1531.	4.2	159

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1181	Gasdermin-D-dependent IL-1 β release from microglia promotes protective immunity during chronic <i>Toxoplasma gondii</i> infection. <i>Nature Communications</i> , 2020, 11, 3687.	5.8	55

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1183	Potential repurposed SARS-CoV-2 (COVID-19) infection drugs. <i>RSC Advances</i> , 2020, 10, 26895-26916.	1.7	40
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1187	Immune cells as tumor drug delivery vehicles. <i>Journal of Controlled Release</i> , 2020, 327, 70-87.	4.8	53
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1193	CNS-Native Myeloid Cells Drive Immune Suppression in the Brain Metastatic Niche through Cxcl10. <i>Cell</i> , 2020, 183, 1234-1248.e25.	13.5	79
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1196	Siamon Gordon: A half-century fascination with macrophages. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	0
1197	Dynamics of human monocytes and airway macrophages during healthy aging and after transplant. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	113
1198	Plaque-associated myeloid cells derive from resident microglia in an Alzheimerâ€™s disease model. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	45
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1202	Resident macrophages as potential therapeutic targets for cardiac ageing and injury. <i>Clinical and Translational Immunology</i> , 2020, 9, e1167.	1.7	10
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1210	Fate mapping via CCR2-CreER mice reveals monocyte-to-microglia transition in development and neonatal stroke. <i>Science Advances</i> , 2020, 6, eabb2119.	4.7	66
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1217	LncRNA lncLy6C induced by microbiota metabolite butyrate promotes differentiation of Ly6Chigh to Ly6Cint/neg macrophages through lncLy6C/C/EBPβ/Nr4A1 axis. <i>Cell Discovery</i> , 2020, 6, 87.	3.1	18

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1222	Conditional Ablation of Myeloid TNF Improves Functional Outcome and Decreases Lesion Size after Spinal Cord Injury in Mice. <i>Cells</i> , 2020, 9, 2407.	1.8	13
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1225	Sestrin2 regulates microglia polarization through mTOR-mediated autophagic flux to attenuate inflammation during experimental brain ischemia. <i>Journal of Neuroinflammation</i> , 2020, 17, 329.	3.1	52
1226	The Relationship Between Gut Microbiota and Inflammatory Diseases: The Role of Macrophages. <i>Frontiers in Microbiology</i> , 2020, 11, 1065.	1.5	146
1227	Ly6cLo non-classical monocytes promote resolution of rhesus rotavirus-mediated perinatal hepatic inflammation. <i>Scientific Reports</i> , 2020, 10, 7165.	1.6	16
1228	Deciphering human macrophage development at single-cell resolution. <i>Nature</i> , 2020, 582, 571-576.	13.7	279
1229	Equid infective <i>Theileria</i> cluster in distinct 18S rRNA gene clades comprising multiple taxa with unusually broad mammalian host ranges. <i>Parasites and Vectors</i> , 2020, 13, 261.	1.0	19
1230	Distinct fate, dynamics and niches of renal macrophages of bone marrow or embryonic origins. <i>Nature Communications</i> , 2020, 11, 2280.	5.8	62
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1235	Characterization of splenic MRC1hiMHCIIlo and MRC1loMHCIIhi cells from the monocyte/macrophage lineage of White Leghorn chickens. <i>Veterinary Research</i> , 2020, 51, 73.	1.1	18

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1237	Sevoflurane depletes macrophages from the melanoma microenvironment. <i>PLoS ONE</i> , 2020, 15, e0233789.	1.1	7
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1239	Fetal-derived macrophages persist and sequentially mature in ovaries after birth in mice. <i>European Journal of Immunology</i> , 2020, 50, 1500-1514.	1.6	17
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1242	miR-142a-5p and miR-130a-3p regulate pulmonary macrophage polarization and asthma airway remodeling. <i>Immunology and Cell Biology</i> , 2020, 98, 715-725.	1.0	22
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1244	Novel Hexb-based tools for studying microglia in the CNS. <i>Nature Immunology</i> , 2020, 21, 802-815.	7.0	186
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1252	GlioM&M: Web-based tool for studying circulating and infiltrating monocytes and macrophages in glioma. <i>Scientific Reports</i> , 2020, 10, 9898.	1.6	10
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1256	Functional crosstalk between T cells and monocytes in cancer and atherosclerosis. <i>Journal of Leukocyte Biology</i> , 2020, 108, 297-308.	1.5	17
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1259	Leishmaniasis immunopathologyâ€™s impact on design and use of vaccines, diagnostics and drugs. <i>Seminars in Immunopathology</i> , 2020, 42, 247-264.	2.8	51
1260	Oxidative Stress in Pulmonary Fibrosis. , 2020, 10, 509-547.		127
1261	Human Intestinal Mononuclear Phagocytes in Health and Inflammatory Bowel Disease. <i>Frontiers in Immunology</i> , 2020, 11, 410.	2.2	54
1262	The Impact of Type 1 Interferons on Alveolar Macrophage Tolerance and Implications for Host Susceptibility to Secondary Bacterial Pneumonia. <i>Frontiers in Immunology</i> , 2020, 11, 495.	2.2	5
1263	Resolution of Deep Venous Thrombosis: Proposed Immune Paradigms. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2080.	1.8	35
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1266	Monocytes and the Host Response to Fungal Pathogens. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 34.	1.8	33
1267	There Is (Scientific) Strength in Numbers: A Comprehensive Quantitation of Fc Gamma Receptor Numbers on Human and Murine Peripheral Blood Leukocytes. <i>Frontiers in Immunology</i> , 2020, 11, 118.	2.2	60
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1269	PGE2 Is Crucial for the Generation of FAST Whole- Tumor-Antigens Loaded Dendritic Cells Suitable for Immunotherapy in Glioblastoma. <i>Pharmaceutics</i> , 2020, 12, 215.	2.0	4
1270	STOP floxing around: Specificity and leakiness of inducible Cre/loxP systems. <i>European Journal of Immunology</i> , 2020, 50, 338-341.	1.6	29
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1274	Defining trained immunity and its role in health and disease. <i>Nature Reviews Immunology</i> , 2020, 20, 375-388.	10.6	1,345
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1277	The Role of TRPV4 in Regulating Innate Immune Cell Function in Lung Inflammation. <i>Frontiers in Immunology</i> , 2020, 11, 1211.	2.2	25
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1280	Breathing fresh air into respiratory research with single-cell RNA sequencing. <i>European Respiratory Review</i> , 2020, 29, 200060.	3.0	11
1281	The liver fibrosis niche: Novel insights into the interplay between fibrosis-composing mesenchymal cells, immune cells, endothelial cells, and extracellular matrix. <i>Food and Chemical Toxicology</i> , 2020, 143, 111556.	1.8	26
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1283	Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020, , .	0.8	3
1284	The Interplay Between Tissue Niche and Macrophage Cellular Metabolism in Obesity. <i>Frontiers in Immunology</i> , 2019, 10, 3133.	2.2	42
1285	Osteoclasts Derive Predominantly from Bone Marrowâ€œResident CX3CR1+ Precursor Cells in Homeostasis, whereas Circulating CX3CR1+ Cells Contribute to Osteoclast Development during Fracture Repair. <i>Journal of Immunology</i> , 2020, 204, 868-878.	0.4	23
1286	Plasma membrane receptors of tissue macrophages: functions and role in pathology. <i>Journal of Pathology</i> , 2020, 250, 656-666.	2.1	14
1287	Diminished Reactive Hematopoiesis and Cardiac Inflammation in a Mouse Model of Recurrent Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2020, 75, 901-915.	1.2	28
1288	Microglial A20 Protects the Brain from CD8 T-Cell-Mediated Immunopathology. <i>Cell Reports</i> , 2020, 30, 1585-1597.e6.	2.9	36
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1297	HMGB1/RAGE axis mediates stress-induced RVLM neuroinflammation in mice via impairing mitophagy flux in microglia. <i>Journal of Neuroinflammation</i> , 2020, 17, 15.	3.1	87
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1299	Osteoimmunology: A Current Update of the Interplay Between Bone and the Immune System. <i>Frontiers in Immunology</i> , 2020, 11, 58.	2.2	96
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1305	Ceramide and palmitic acid inhibit macrophage-mediated epithelial to mesenchymal transition in colorectal cancer. <i>Molecular and Cellular Biochemistry</i> , 2020, 468, 153-168.	1.4	32
1306	Early Fate Defines Microglia and Non-parenchymal Brain Macrophage Development. <i>Cell</i> , 2020, 181, 557-573.e18.	13.5	218
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1309	Profiling peripheral nerve macrophages reveals two macrophage subsets with distinct localization, transcriptome and response to injury. <i>Nature Neuroscience</i> , 2020, 23, 676-689.	7.1	148
1310	Interactions between macrophages and helminths. <i>Parasite Immunology</i> , 2020, 42, e12717.	0.7	38
1311	Inflammasome Activation in Bovine Peripheral Blood-Derived Macrophages Is Associated with Actin Rearrangement. <i>Animals</i> , 2020, 10, 655.	1.0	1
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1313	The origin, fate and function of macrophages in the peripheral nervous system—an update. <i>International Immunology</i> , 2020, 32, 709-717.	1.8	13
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1315	Synovial Macrophages in Rheumatoid Arthritis: The Past, Present, and Future. <i>Mediators of Inflammation</i> , 2020, 2020, 1-8.	1.4	23
1316	Microglial Corpse Clearance: Lessons From Macrophages. <i>Frontiers in Immunology</i> , 2020, 11, 506.	2.2	63
1317	Cerebral toxoplasmosis. , 2020, , 1043-1073.		0
1318	Microglia versus Monocytes: Distinct Roles in Degenerative Diseases of the Retina. <i>Trends in Neurosciences</i> , 2020, 43, 433-449.	4.2	74
1319	Probing myeloid cell dynamics in ischaemic heart disease by nanotracer hot-spot imaging. <i>Nature Nanotechnology</i> , 2020, 15, 398-405.	15.6	42
1320	Complement inhibitor factor H expressed by breast cancer cells differentiates CD14 ⁺ human monocytes into immunosuppressive macrophages. <i>Oncolmmunology</i> , 2020, 9, 1731135.	2.1	20
1321	Hematopoiesis and Cardiovascular Disease. <i>Circulation Research</i> , 2020, 126, 1061-1085.	2.0	96
1322	Macrophage lineages in heart valve development and disease. <i>Cardiovascular Research</i> , 2021, 117, 663-673.	1.8	28
1323	Control of myeloid cell density in barrier tissues. <i>FEBS Journal</i> , 2021, 288, 405-426.	2.2	6
1324	Schistosome and intestinal helminth modulation of macrophage immunometabolism. <i>Immunology</i> , 2021, 162, 123-134.	2.0	16
1325	Microglial Calcium Waves During the Hyperacute Phase of Ischemic Stroke. <i>Stroke</i> , 2021, 52, 274-283.	1.0	26

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1327	Targeting immunometabolism in host defence against <i>Mycobacterium tuberculosis</i> . Immunology, 2021, 162, 145-159.	2.0	34
1328	Microglial reduction of colony stimulating factor-1 receptor expression is sufficient to confer adult onset leukodystrophy. Glia, 2021, 69, 779-791.	2.5	19
1329	Airspace Macrophages and Monocytes Exist in Transcriptionally Distinct Subsets in Healthy Adults. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 946-956.	2.5	63
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1331	Tissue-specific features of microglial innate immune responses. Neurochemistry International, 2021, 142, 104924.	1.9	8
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1333	Atypical immunometabolism and metabolic reprogramming in liver cancer: Deciphering the role of gut microbiome. Advances in Cancer Research, 2021, 149, 171-255.	1.9	13
1334	Heterogeneous Host-Pathogen Encounters Coordinate Antibiotic Resilience in <i>Mycobacterium tuberculosis</i> . Trends in Microbiology, 2021, 29, 606-620.	3.5	10
1335	Microglial Gi-dependent dynamics regulate brain network hyperexcitability. Nature Neuroscience, 2021, 24, 19-23.	7.1	86
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1339	New insights into macrophage heterogeneity in rheumatoid arthritis. Joint Bone Spine, 2021, 88, 105091.	0.8	13
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1352	Microglia Control CNS T Regulatory Cell Activity During Remission From EAE Pathology. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
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1355	Macrophage function in the elderly and impact on injury repair and cancer. <i>Immunity and Ageing</i> , 2021, 18, 4.	1.8	39
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1362	Macrophage Responses to Environmental Stimuli During Homeostasis and Disease. <i>Endocrine Reviews</i> , 2021, 42, 407-435.	8.9	21
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1457	Dermal macrophage and its potential in inducing hair follicle regeneration. <i>Molecular Immunology</i> , 2021, 134, 25-33.	1.0	3
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1459	Tissue-resident macrophages: guardians of organ homeostasis. <i>Trends in Immunology</i> , 2021, 42, 495-507.	2.9	77
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1469	Homeostatic functions of monocytes and interstitial lung macrophages are regulated via collagen domain-binding receptor LAIR1. <i>Immunity</i> , 2021, 54, 1511-1526.e8.	6.6	35
1470	Cytomegalovirus subverts macrophage identity. <i>Cell</i> , 2021, 184, 3774-3793.e25.	13.5	34

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1475	Latitudinal and longitudinal regulation of tissue macrophages in inflammatory diseases. <i>Genes and Diseases</i> , 2022, 9, 1194-1207.	1.5	8
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1485	Macrophages on the margin: choroid plexus immune responses. <i>Trends in Neurosciences</i> , 2021, 44, 864-875.	4.2	37
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1487	New Insights From Single-Cell Sequencing Data: Synovial Fibroblasts and Synovial Macrophages in Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2021, 12, 709178.	2.2	32
1488	Ongoing Exposure to Peritoneal Dialysis Fluid Alters Resident Peritoneal Macrophage Phenotype and Activation Propensity. <i>Frontiers in Immunology</i> , 2021, 12, 715209.	2.2	7
1489	The Evolving Roles of Cardiac Macrophages in Homeostasis, Regeneration, and Repair. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7923.	1.8	33

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1496	Effect of cyclooxygenase inhibition on embryonic microglia and the sexual differentiation of the brain and behavior of Japanese quail (<i>Coturnix japonica</i>). <i>Hormones and Behavior</i> , 2021, 134, 105024.	1.0	1
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1498	Multiple roles of cardiac macrophages in heart homeostasis and failure. <i>Heart Failure Reviews</i> , 2022, 27, 1413-1430.	1.7	24
1500	Alveolar macrophages rely on GM-CSF from alveolar epithelial type 2 cells before and after birth. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	70
1501	TNFR2/14-3-3 μ signaling complex instructs macrophage plasticity in inflammation and autoimmunity. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	42
1502	Acetylcholine-synthesizing macrophages in subcutaneous fat are regulated by β 2-adrenergic signaling. <i>EMBO Journal</i> , 2021, 40, e106061.	3.5	21
1504	The Multiple Facets of Iron Recycling. <i>Genes</i> , 2021, 12, 1364.	1.0	22
1505	The protective immunity induced by SARS-CoV-2 infection and vaccination: a critical appraisal. <i>Exploration of Immunology</i> , 2021, , 199-225.	1.7	5
1506	Caveolin-1 Deficiency Protects Mice Against Carbon Tetrachloride-Induced Acute Liver Injury Through Regulating Polarization of Hepatic Macrophages. <i>Frontiers in Immunology</i> , 2021, 12, 713808.	2.2	7
1507	The Macrophage Iron Signature in Health and Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8457.	1.8	13
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1510	Inflammatory resolution and vascular barrier restoration after retinal ischemia reperfusion injury. <i>Journal of Neuroinflammation</i> , 2021, 18, 186.	3.1	36

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1513	Beyond Immunity: Underappreciated Functions of Intestinal Macrophages. <i>Frontiers in Immunology</i> , 2021, 12, 749708.	2.2	25
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1517	Distribution and Polarization of Hematogenous Macrophages Associated with the Progression of Intervertebral Disc Degeneration. <i>Spine</i> , 2022, 47, E149-E158.	1.0	14
1518	Posttranslational modifications by ADAM10 shape myeloid antigen-presenting cell homeostasis in the splenic marginal zone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	7
1519	Microglial Cannabinoid Type 1 Receptor Regulates Brain Inflammation in a Sex-Specific Manner. <i>Cannabis and Cannabinoid Research</i> , 2021, . .	1.5	18
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1774	Targeting the CCL2/CCR2 Axis in Cancer Immunotherapy: One Stone, Three Birds?. <i>Frontiers in Immunology</i> , 2021, 12, 771210.	2.2	75
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1780	Conditional Deletion of EphA4 on Cx3cr1-Expressing Microglia Fails to Influence Histopathological Outcome and Blood Brain Barrier Disruption Following Brain Injury. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 747770.	1.4	0
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1782	Dynamic intron retention modulates gene expression in the monocytic differentiation pathway. <i>Immunology</i> , 2022, 165, 274-286.	2.0	7
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1816	Concurrent stimulation of monocytes with CSF1 and polarizing cytokines reveals phenotypic and functional differences with classical polarized macrophages. <i>Journal of Leukocyte Biology</i> , 2022, , .	1.5	2
1817	Microglia in CNS infections: insights from <i>Toxoplasma gondii</i> and other pathogens. <i>Trends in Parasitology</i> , 2022, 38, 217-229.	1.5	11
1818	Influenza-Induced Activation of Recruited Alveolar Macrophages During the Early Inflammatory Phase Drives Lung Injury and Lethality. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
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1824	Monocytes promote acute neuroinflammation and become pathological microglia in neonatal hypoxic-ischemic brain injury. <i>Theranostics</i> , 2022, 12, 512-529.	4.6	24
1826	Pathological Î±-synuclein recruits LRRK2 expressing pro-inflammatory monocytes to the brain. <i>Molecular Neurodegeneration</i> , 2022, 17, 7.	4.4	34
1827	Hacking macrophages to combat cancer and inflammatory diseases â€™ Current advances and challenges. <i>Scandinavian Journal of Immunology</i> , 2022, , e13140.	1.3	1
1828	Human CD206+ macrophages associate with diabetes and adipose tissue lymphoid clusters. <i>JCI Insight</i> , 2022, 7, .	2.3	24
1829	Current Status and Challenges of Human Induced Pluripotent Stem Cell-Derived Liver Models in Drug Discovery. <i>Cells</i> , 2022, 11, 442.	1.8	14
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1838	Inflammatory Monocyte Counts Determine Venous Blood Clot Formation and Resolution. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 145-155.	1.1	17
1839	Innate and adaptive immune mechanisms regulating central nervous system remyelination. <i>Current Opinion in Pharmacology</i> , 2022, 63, 102175.	1.7	2
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1842	DNA Damage in Circulating Hematopoietic Progenitor Stem Cells as Promising Biological Sensor of Frailty. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 1279-1286.	1.7	5
1843	Trained immunity against diseases in domestic animals. <i>Acta Tropica</i> , 2022, 229, 106361.	0.9	0
1845	Macrophages, Metabolism and Heterophagy in the Heart. <i>Circulation Research</i> , 2022, 130, 418-431.	2.0	21
1846	CCR2+ Macrophages Promote Orthodontic Tooth Movement and Alveolar Bone Remodeling. <i>Frontiers in Immunology</i> , 2022, 13, 835986.	2.2	5
1847	Systemic Influences of Mammary Cancer on Monocytes in Mice. <i>Cancers</i> , 2022, 14, 833.	1.7	5
1848	Macrophages promote cartilage regeneration in a time- and phenotype-dependent manner. <i>Journal of Cellular Physiology</i> , 2022, 237, 2258-2270.	2.0	9
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1850	NeuroD1 induces microglial apoptosis and cannot induce microglia-to-neuron cross-lineage reprogramming. <i>Neuron</i> , 2021, 109, 4094-4108.e5.	3.8	49
1851	Large Peritoneal Macrophages and Transitional Premonocytes Promote Survival during Abdominal Sepsis. <i>ImmunoHorizons</i> , 2021, 5, 994-1007.	0.8	8

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1855	Defining Microglial States and Nomenclature: A Roadmap to 2030. <i>SSRN Electronic Journal</i> , 0, , .	0.4	21
1856	Developmental programming of macrophages by early life adversity. <i>International Review of Cell and Molecular Biology</i> , 2022, , .	1.6	2
1859	Minimizing the <i>Ex Vivo</i> Confounds of Cell-Isolation Techniques on Transcriptomic and Translatomic Profiles of Purified Microglia. <i>ENeuro</i> , 2022, 9, ENEURO.0348-21.2022.	0.9	27
1860	Macrophage polarization in hypoxia and ischemia/reperfusion: Insights into the role of energetic metabolism. <i>Experimental Biology and Medicine</i> , 2022, 247, 958-971.	1.1	9
1862	Traditional Mongolian medicine (HHQG) attenuates CCl4-induced acute liver injury through inhibiting monocyte/macrophage infiltration via the p-P38/p-JNK pathway. <i>Journal of Ethnopharmacology</i> , 2022, 293, 115152.	2.0	4
1863	Deficient Autophagy in Microglia Aggravates Repeated Social Defeat Stress-Induced Social Avoidance. <i>Neural Plasticity</i> , 2022, 2022, 1-13.	1.0	19
1864	Microglia modulate blood flow, neurovascular coupling, and hypoperfusion via purinergic actions. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	94
1865	Role of Base Excision Repair in Innate Immune Cells and Its Relevance for Cancer Therapy. <i>Biomedicines</i> , 2022, 10, 557.	1.4	1
1866	Autoimmune Pulmonary Alveolar Proteinosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 1016-1035.	2.5	28
1867	Leukocyte-Mediated Cardiac Repair after Myocardial Infarction in Non-Regenerative vs. Regenerative Systems. <i>Journal of Cardiovascular Development and Disease</i> , 2022, 9, 63.	0.8	6
1868	Derivation of extra-embryonic and intra-embryonic macrophage lineages from human pluripotent stem cells. <i>Development (Cambridge)</i> , 2022, 149, .	1.2	2
1870	Development of vascular disease models to explore disease causation and pathomechanisms of rare vascular diseases. <i>Seminars in Immunopathology</i> , 2022, 44, 259-268.	2.8	3
1871	Transcriptional switch of hepatocytes initiates macrophage recruitment and T-cell suppression in endotoxemia. <i>Journal of Hepatology</i> , 2022, 77, 436-452.	1.8	18
1872	Macrophage: A Key Player of Teleost Immune System. , 0, , .		0
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1879	Genotoxic stress signalling as a driver of macrophage diversity. <i>Cell Stress</i> , 2022, 6, 30-44.	1.4	5
1880	Efficacy of Disease Modifying Therapies in Progressive MS and How Immune Senescence May Explain Their Failure. <i>Frontiers in Neurology</i> , 2022, 13, 854390.	1.1	9
1882	One Size Does Not Fit All: Heterogeneity in Developmental Hematopoiesis. <i>Cells</i> , 2022, 11, 1061.	1.8	7
1883	A kinase-dead <i>Csf1r</i> mutation associated with adult-onset leukoencephalopathy has a dominant inhibitory impact on CSF1R signalling. <i>Development (Cambridge)</i> , 2022, 149, .	1.2	9
1884	Different Spatial and Temporal Roles of Monocytes and Monocyte-Derived Cells in the Pathogenesis of an Imiquimod Induced Lupus Model. <i>Frontiers in Immunology</i> , 2022, 13, 764557.	2.2	3
1885	Circulating immune cell landscape in patients who had mild ischaemic stroke. <i>Stroke and Vascular Neurology</i> , 2022, 7, 319-327.	1.5	7
1886	No Major Impact of Two Homologous Proteins Ly6C1 and Ly6C2 on Immune Homeostasis. <i>ImmunoHorizons</i> , 2022, 6, 202-210.	0.8	2
1887	Neuroinflammation, Microglia and Implications for Retinal Ganglion Cell Survival and Axon Regeneration in Traumatic Optic Neuropathy. <i>Frontiers in Immunology</i> , 2022, 13, 860070.	2.2	26
1888	Identification of macrophages in normal and injured mouse tissues using reporter lines and antibodies. <i>Scientific Reports</i> , 2022, 12, 4542.	1.6	12
1889	Astrocytes and Microglia Exhibit Cell-Specific Ca ²⁺ Signaling Dynamics in the Murine Spinal Cord. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, 840948.	1.4	7
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1891	Surveying the Epigenetic Landscape of Tuberculosis in Alveolar Macrophages. <i>Infection and Immunity</i> , 2022, 90, e0052221.	1.0	8
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1893	PLX5622 Reduces Disease Severity in Lethal CNS Infection by Off-Target Inhibition of Peripheral Inflammatory Monocyte Production. <i>Frontiers in Immunology</i> , 2022, 13, 851556.	2.2	36
1894	Loss of Microglial Insulin Receptor Leads to Sex-Dependent Metabolic Disorders in Obese Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2933.	1.8	4
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1899	Transgenic mouse models to study the physiological and pathophysiological roles of human Siglecs. <i>Biochemical Society Transactions</i> , 2022, 50, 935-950.	1.6	7
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1901	Gene therapy of Csf2ra deficiency in mouse fetal monocyte precursors restores alveolar macrophage development and function. <i>JCI Insight</i> , 2022, 7, .	2.3	7
1902	Improving Antibody Therapeutics by Manipulating the Fc Domain: Immunological and Structural Considerations. <i>Annual Review of Biomedical Engineering</i> , 2022, 24, 249-274.	5.7	20
1904	The Pivotal Immunoregulatory Functions of Microglia and Macrophages in Glioma Pathogenesis and Therapy. <i>Journal of Oncology</i> , 2022, 2022, 1-19.	0.6	4
1905	Acquisition of cellular properties during alveolar formation requires differential activity and distribution of mitochondria. <i>ELife</i> , 2022, 11, .	2.8	9
1906	Gingival monocytes: Lessons from other barriers. <i>International Journal of Biochemistry and Cell Biology</i> , 2022, 145, 106194.	1.2	0
1907	Platelet-leukocyte crosstalk in COVID-19: How might the reciprocal links between thrombotic events and inflammatory state affect treatment strategies and disease prognosis?. <i>Thrombosis Research</i> , 2022, 213, 179-194.	0.8	17
1909	Editorial: Assessing Microglial Function and Identity. <i>Frontiers in Immunology</i> , 2021, 12, 824866.	2.2	0
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1911	GM-CSF production by non-classical monocytes controls antagonistic LPS-driven functions in allergic inflammation. <i>Cell Reports</i> , 2021, 37, 110178.	2.9	16
1912	Role of Myeloid Tet Methylcytosine Dioxygenase 2 in Pulmonary and Peritoneal Inflammation Induced by Lipopolysaccharide and Peritonitis Induced by Escherichia coli. <i>Cells</i> , 2022, 11, 82.	1.8	6
1913	Macrophages play a role in inflammatory transformation of colorectal cancer. <i>World Journal of Gastrointestinal Oncology</i> , 2021, 13, 2013-2028.	0.8	6
1914	Immune dysregulation in SHARPIN-deficient mice is dependent on CYLD-mediated cell death. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	10
1917	Hepatic Macrophage as a Key Player in Fatty Liver Disease. <i>Frontiers in Immunology</i> , 2021, 12, 708978.	2.2	33
1918	White matter microglia heterogeneity in the CNS. <i>Acta Neuropathologica</i> , 2022, 143, 125-141.	3.9	48

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1920	Microglia and monocytes in inflammatory CNS disease: integrating phenotype and function. <i>Acta Neuropathologica</i> , 2022, 143, 179-224.	3.9	82
1921	Differences in Cell-Intrinsic Inflammatory Programs of Yolk Sac and Bone Marrow Macrophages. <i>Cells</i> , 2021, 10, 3564.	1.8	4
1922	DNMT1 Deficiency Impacts on Plasmacytoid Dendritic Cells in Homeostasis and Autoimmune Disease. <i>Journal of Immunology</i> , 2022, 208, 358-370.	0.4	5
1923	Liver regeneration biology: Implications for liver tumour therapies. <i>World Journal of Clinical Oncology</i> , 2021, 12, 1101-1156.	0.9	5
1924	Nanoparticle based medicines: approaches for evading and manipulating the mononuclear phagocyte system and potential for clinical translation. <i>Biomaterials Science</i> , 2022, 10, 3029-3053.	2.6	24
1925	The Adipose Tissue Macrophages Central to Adaptive Thermoregulation. <i>Frontiers in Immunology</i> , 2022, 13, 884126.	2.2	12
1926	Role of Type I Interferon Signaling and Microglia in the Abnormal Long-term Potentiation and Object Place Recognition Deficits of Male Mice With a Mutation of the Tuberous Sclerosis 2 Gene. <i>Biological Psychiatry Global Open Science</i> , 2023, 3, 451-459.	1.0	0
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1928	Maternal vaccination against group B <i>Streptococcus</i> glyceraldehyde-3-phosphate dehydrogenase leads to gut dysbiosis in the offspring. <i>Brain, Behavior, and Immunity</i> , 2022, 103, 186-201.	2.0	3
1929	Cellular metabolic adaptations in rheumatoid arthritis and their therapeutic implications. <i>Nature Reviews Rheumatology</i> , 2022, 18, 398-414.	3.5	21
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1931	The macrophage: a key player in the pathophysiology of peripheral neuropathies. <i>Journal of Neuroinflammation</i> , 2022, 19, 97.	3.1	28
1932	CSF2-dependent monocyte education in the pathogenesis of ANCA-induced glomerulonephritis. <i>Annals of the Rheumatic Diseases</i> , 2022, 81, 1162-1172.	0.5	10
1933	Monocytes augment inflammatory responses in human aortic valve interstitial cells via β 2-integrin/ICAM-1-mediated signaling. <i>Inflammation Research</i> , 2022, 71, 681-694.	1.6	5
2001	Conditional Deletion of EphA4 on Cx3cr1-Expressing Microglia Fails to Influence Histopathological Outcome and Blood Brain Barrier Disruption Following Brain Injury. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 747770.	1.4	9
2002	Roles of heterogenous hepatic macrophages in the progression of liver diseases.. <i>BMB Reports</i> , 2022, , .	1.1	0
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2006	Microglia in brain development and regeneration. <i>Development (Cambridge)</i> , 2022, 149, .	1.2	22
2007	Tissue Immunity in the Bladder. <i>Annual Review of Immunology</i> , 2022, 40, 499-523.	9.5	7
2008	Synovial Macrophage and Fibroblast Heterogeneity in Joint Homeostasis and Inflammation. <i>Frontiers in Medicine</i> , 2022, 9, 862161.	1.2	16
2009	Roles of heterogenous hepatic macrophages in the progression of liver diseases. <i>BMB Reports</i> , 2022, 55, 166-174.	1.1	6
2010	Macrophage functional diversity in NAFLD â€” more than inflammation. <i>Nature Reviews Endocrinology</i> , 2022, 18, 461-472.	4.3	73
2011	Airway Macrophages Encompass Transcriptionally and Functionally Distinct Subsets Altered by Smoking. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 67, 241-252.	1.4	12
2012	Early life host-microbe interactions in skin. <i>Cell Host and Microbe</i> , 2022, 30, 684-695.	5.1	14
2013	Colony stimulating factor-1 producing endothelial cells and mesenchymal stromal cells maintain monocytes within a perivascular bone marrow niche. <i>Immunity</i> , 2022, 55, 862-878.e8.	6.6	24
2014	Inner ear immunity. <i>Hearing Research</i> , 2022, 419, 108518.	0.9	15
2015	Abnormal innate and learned behavior induced by neuronâ€™microglia miscommunication is related to CA3 reconfiguration. <i>Glia</i> , 2022, 70, 1630-1651.	2.5	7
2016	VEGF Receptor 1 Promotes Hypoxia-Induced Hematopoietic Progenitor Proliferation and Differentiation. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	6
2017	Macrophage: A Cell With Many Faces and Functions in Tuberculosis. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	35
2018	Innate immune surveillance of the circulation: A review on the removal of circulating virions from the bloodstream. <i>PLoS Pathogens</i> , 2022, 18, e1010474.	2.1	6
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2020	Antigen Presentation in the Lung. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	19
2021	Peripheral monocyteâ€™derived cells counter amyloid plaque pathogenesis in a mouse model of Alzheimerâ€™s disease. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	25
2022	Signal Pathways Involved in the Interaction Between Tumor-Associated Macrophages/TAMs and Glioblastoma Cells. <i>Frontiers in Oncology</i> , 2022, 12, .	1.3	7

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2025	A cardioimmunologist's toolkit: genetic tools to dissect immune cells in cardiac disease. <i>Nature Reviews Cardiology</i> , 2022, 19, 395-413.	6.1	6
2026	Novel insights into embryonic cardiac macrophages. <i>Developmental Biology</i> , 2022, 488, 1-10.	0.9	3
2027	The zinc finger transcription factor <i>Sall1</i> is required for the early developmental transition of microglia in mouse embryos. <i>Glia</i> , 2022, 70, 1720-1733.	2.5	4
2028	Estradiol suppresses psoriatic inflammation in mice by regulating neutrophil and macrophage functions. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 150, 909-919.e8.	1.5	21
2029	Alveolar Macrophage Heterogeneity Goes Up in Smoke?. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, , .	1.4	2
2030	Recruitment of monocytes primed to express heme oxygenase-1 ameliorates pathological lung inflammation in cystic fibrosis. <i>Experimental and Molecular Medicine</i> , 2022, 54, 639-652.	3.2	4
2031	Macrophage orchestration of epithelial and stromal cell homeostasis in the intestine. <i>Journal of Leukocyte Biology</i> , 2022, 112, 313-331.	1.5	8
2032	Proton-gated anion transport governs macropinosome shrinkage. <i>Nature Cell Biology</i> , 2022, 24, 885-895.	4.6	23
2033	Enabling CAR-T cells for solid tumors: Rage against the suppressive tumor microenvironment. <i>International Review of Cell and Molecular Biology</i> , 2022, , 123-147.	1.6	8
2034	HIV Latency in Myeloid Cells: Challenges for a Cure. <i>Pathogens</i> , 2022, 11, 611.	1.2	11
2035	The Interactive Role of Macrophages in Innate Immunity. , 0, , .		0
2037	Targeting the Tumor Microenvironment: A Close Up of Tumor-Associated Macrophages and Neutrophils. <i>Frontiers in Oncology</i> , 2022, 12, .	1.3	11
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