

# Macrophage Activation and Polarization: Nomenclature

Immunity

41, 14-20

DOI: [10.1016/j.immuni.2014.06.008](https://doi.org/10.1016/j.immuni.2014.06.008)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Induced Differentiation of Human Myeloid Leukemia Cells into M2 Macrophages by Combined Treatment with Retinoic Acid and 1 $\alpha$ ,25-Dihydroxyvitamin D3. <i>PLoS ONE</i> , 2014, 9, e113722.	1.1	30
2	Inflammation and Cell Death in Age-Related Macular Degeneration: An Immunopathological and Ultrastructural Model. <i>Journal of Clinical Medicine</i> , 2014, 3, 1542-1560.	1.0	40
3	From Monocytes to M1/M2 Macrophages: Phenotypical vs. Functional Differentiation. <i>Frontiers in Immunology</i> , 2014, 5, 514.	2.2	1,499
4	Metabolism via Arginase or Nitric Oxide Synthase: Two Competing Arginine Pathways in Macrophages. <i>Frontiers in Immunology</i> , 2014, 5, 532.	2.2	868
5	Phenotypic Diversity and Emerging New Tools to Study Macrophage Activation in Bacterial Infectious Diseases. <i>Frontiers in Immunology</i> , 2014, 5, 500.	2.2	51
6	Incomplete Deletion of IL-4R $\beta$ by LysMCre Reveals Distinct Subsets of M2 Macrophages Controlling Inflammation and Fibrosis in Chronic Schistosomiasis. <i>PLoS Pathogens</i> , 2014, 10, e1004372.	2.1	97
7	Th1/Th2 Paradigm Extended: Macrophage Polarization as an Unappreciated Pathogen-Driven Escape Mechanism?. <i>Frontiers in Immunology</i> , 2014, 5, 603.	2.2	256
8	Spatial, Temporal, and Functional Aspects of Macrophages during "The Good, the Bad, and the Ugly" Phases of Inflammation. <i>Frontiers in Immunology</i> , 2014, 5, 612.	2.2	26
9	Functional Relationship between Tumor-Associated Macrophages and Macrophage Colony-Stimulating Factor as Contributors to Cancer Progression. <i>Frontiers in Immunology</i> , 2014, 5, 489.	2.2	163
10	Macrophage: SHIP of Immunity. <i>Frontiers in Immunology</i> , 2014, 5, 620.	2.2	54
11	Myeloid Colony-Stimulating Factors as Regulators of Macrophage Polarization. <i>Frontiers in Immunology</i> , 2014, 5, 554.	2.2	160
12	Expression pattern analysis and activity determination of matrix metalloproteinase derived from human macrophage subsets. <i>Clinical Hemorheology and Microcirculation</i> , 2014, 58, 147-158.	0.9	19
13	Tissue macrophage identity and self-renewal. <i>Immunological Reviews</i> , 2014, 262, 56-73.	2.8	183
14	Macrophage heterogeneity in tissues: phenotypic diversity and functions. <i>Immunological Reviews</i> , 2014, 262, 36-55.	2.8	575
15	Tissue-Resident Macrophage Enhancer Landscapes Are Shaped by the Local Microenvironment. <i>Cell</i> , 2014, 159, 1312-1326.	13.5	1,705
16	Rethinking Regenerative Medicine: A Macrophage-Centered Approach. <i>Frontiers in Immunology</i> , 2014, 5, 510.	2.2	150
17	Heterogeneous induction of microglia M2a phenotype by central administration of interleukin-4. <i>Journal of Neuroinflammation</i> , 2014, 11, 211.	3.1	62
18	The significance of macrophage phenotype in cancer and biomaterials. <i>Clinical and Translational Medicine</i> , 2014, 3, 62.	1.7	23

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19	Clinical significance of macrophage phenotypes in cardiovascular disease. <i>Clinical and Translational Medicine</i> , 2014, 3, 63.	1.7	31
20	Macrophage Polarization in Obesity and Type 2 Diabetes: Weighing Down Our Understanding of Macrophage Function?. <i>Frontiers in Immunology</i> , 2014, 5, 470.	2.2	227
21	Regulation of Macrophage Polarization by RON Receptor Tyrosine Kinase Signaling. <i>Frontiers in Immunology</i> , 2014, 5, 546.	2.2	25
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35	Salt-induced kinase 3 deficiency exacerbates lipopolysaccharide-induced endotoxin shock accompanied by increased levels of pro-inflammatory molecules in mice. <i>Immunity</i> , 2015, 145, 268-278.	2.0	28
36	Inflammation in tissue engineering: The Janus between engraftment and rejection. <i>European Journal of Immunology</i> , 2015, 45, 3222-3236.	1.6	77

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37	Macrophage Phenotype in Kidney Injury and Repair. <i>Kidney Diseases (Basel, Switzerland)</i> , 2015, 1, 138-146.	1.2	90
38	Integrated Transcriptomics Establish Macrophage Polarization Signatures and have Potential Applications for Clinical Health and Disease. <i>Scientific Reports</i> , 2015, 5, 13351.	1.6	46
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40	E-cadherin expression in macrophages dampens their inflammatory responsiveness in vitro, but does not modulate M2-regulated pathologies in vivo. <i>Scientific Reports</i> , 2015, 5, 12599.	1.6	29
41	The role of microglia and myeloid immune cells in acute cerebral ischemia. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 461.	1.8	203
42	The interaction of human macrophage subsets with silicone as a biomaterial. <i>Clinical Hemorheology and Microcirculation</i> , 2015, 61, 119-133.	0.9	16
43	Metabolic Characterization of Polarized M1 and M2 Bone Marrow-derived Macrophages Using Real-time Extracellular Flux Analysis. <i>Journal of Visualized Experiments</i> , 2015, , .	0.2	170
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49	A novel experimental model of <i>Cryptococcus neoformans</i> -related immune reconstitution inflammatory syndrome (IRIS) provides insights into pathogenesis. <i>European Journal of Immunology</i> , 2015, 45, 3339-3350.	1.6	31
50	Activation of Murine Macrophages. <i>Current Protocols in Immunology</i> , 2015, 111, 14.2.1.	3.6	11
51	New Immunosuppressive Cell Therapy to Prolong Survival of Induced Pluripotent Stem Cell-Derived Allografts. <i>Transplantation</i> , 2015, 99, 2301-2310.	0.5	23
52	Update on macrophages and innate immunity in scleroderma. <i>Current Opinion in Rheumatology</i> , 2015, 27, 530-536.	2.0	34
53	Myeloid Cells as Targets for Therapy in Solid Tumors. <i>Cancer Journal (Sudbury, Mass )</i> , 2015, 21, 343-350.	1.0	32
54	Colony-Stimulating Factor-1 Receptor in the Polarization of Macrophages: A Target for Turning Bad to Good Ones?. <i>Journal of Clinical &amp; Cellular Immunology</i> , 2015, 06, .	1.5	9

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56	Macrophage Polarization and Its Role in Cancer. <i>Journal of Clinical &amp; Cellular Immunology</i> , 2015, 06, .	1.5	28
57	Macrophage Polarization in Virus-Host Interactions. <i>Journal of Clinical &amp; Cellular Immunology</i> , 2015, 06, .	1.5	73
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62	A Systematic Approach to Identify Markers of Distinctly Activated Human Macrophages. <i>Frontiers in Immunology</i> , 2015, 6, 253.	2.2	28
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119	Understanding Local Macrophage Phenotypes In Disease: Shape-shifting macrophages. <i>Nature Medicine</i> , 2015, 21, 119-120.	15.2	45
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129	Impact of surface chemistry and topography on the function of antigen presenting cells. <i>Biomaterials Science</i> , 2015, 3, 424-441.	2.6	71
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153	Characteristics of alveolar macrophages from murine models of OVA-induced allergic airway inflammation and LPS-induced acute airway inflammation. <i>Experimental Lung Research</i> , 2015, 41, 370-382.	0.5	13
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1416	Hypoxia-adaptive pathways: A pharmacological target in fibrotic disease?. <i>Pharmacological Research</i> , 2019, 147, 104364.	3.1	28
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1418	Central metabolic interactions of immune cells and microbes: prospects for defeating infections. <i>EMBO Reports</i> , 2019, 20, e47995.	2.0	47
1419	The Interaction between Joint Inflammation and Cartilage Repair. <i>Tissue Engineering and Regenerative Medicine</i> , 2019, 16, 327-334.	1.6	42
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1732	Macrophages in cardiac repair: Environmental cues and therapeutic strategies. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-10.	3.2	37
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1831	Listeria-based hepatocellular carcinoma vaccine facilitates anti-PD-1 therapy by regulating macrophage polarization. <i>Oncogene</i> , 2020, 39, 1429-1444.	2.6	52
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1858	The different faces of the macrophage in asthma. <i>Current Opinion in Pulmonary Medicine</i> , 2020, 26, 62-68.	1.2	54
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1863	Role of Metabolic Reprogramming in Pulmonary Innate Immunity and Its Impact on Lung Diseases. <i>Journal of Innate Immunity</i> , 2020, 12, 31-46.	1.8	58
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1874	Inflammation Associated Pancreatic Tumorigenesis: Upregulation of Succinate Dehydrogenase (Subunit B) Reduces Cell Growth of Pancreatic Ductal Epithelial Cells. <i>Cancers</i> , 2020, 12, 42.	1.7	5
1875	LncRNA RP11-361F15.2 promotes osteosarcoma tumorigenesis by inhibiting M2-Like polarization of tumor-associated macrophages of CPEB4. <i>Cancer Letters</i> , 2020, 473, 33-49.	3.2	59
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1878	Sex and SP-A2 Dependent NAD(H) Redox Alterations in Mouse Alveolar Macrophages in Response to Ozone Exposure: Potential Implications for COVID-19. <i>Antioxidants</i> , 2020, 9, 915.	2.2	10
1879	Puffing of Turmeric ( <i>Curcuma longa</i> L.) Enhances its Anti-Inflammatory Effects by Upregulating Macrophage Oxidative Phosphorylation. <i>Antioxidants</i> , 2020, 9, 931.	2.2	6
1880	Exosome-mediated metabolic reprogramming: the emerging role in tumor microenvironment remodeling and its influence on cancer progression. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 242.	7.1	190
1881	HIV and the tuberculosis â€œset pointâ€: how HIV impairs alveolar macrophage responses to tuberculosis and sets the stage for progressive disease. <i>Retrovirology</i> , 2020, 17, 32.	0.9	10
1882	Crosstalk Between Innate and T Cell Adaptive Immunity With(in) the Muscle. <i>Frontiers in Physiology</i> , 2020, 11, 573347.	1.3	15
1883	Prognostic significance of tumor-associated macrophages: past, present and future. <i>Seminars in Immunology</i> , 2020, 48, 101408.	2.7	40
1884	The role of macrophages in pulmonary hypertension: Pathogenesis and targeting. <i>International Immunopharmacology</i> , 2020, 88, 106934.	1.7	16
1885	Increased Hydrostatic Pressure Promotes Primary M1 Reaction and Secondary M2 Polarization in Macrophages. <i>Frontiers in Immunology</i> , 2020, 11, 573955.	2.2	6
1886	MNK2 governs the macrophage antiinflammatory phenotype. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27556-27565.	3.3	24
1887	The transcription factor EGR2 is the molecular linchpin connecting STAT6 activation to the late, stable epigenomic program of alternative macrophage polarization. <i>Genes and Development</i> , 2020, 34, 1474-1492.	2.7	38
1888	Influence of the Host and Parasite Strain on the Immune Response During Toxoplasma Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 580425.	1.8	51
1889	Lupeol Counteracts the Proinflammatory Signalling Triggered in Macrophages by 7-Keto-Cholesterol: New Perspectives in the Therapy of Atherosclerosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	1.9	23

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1891	Green tea polyphenol epigallocatechin-3-gallate alleviates nonalcoholic fatty liver disease and ameliorates intestinal immunity in mice fed a high-fat diet. <i>Food and Function</i> , 2020, 11, 9924-9935.	2.1	23
1892	Network analysis of transcriptomic diversity amongst resident tissue macrophages and dendritic cells in the mouse mononuclear phagocyte system. <i>PLoS Biology</i> , 2020, 18, e3000859.	2.6	94
1893	Human Mesenchymal Stromal Cell Secretome Promotes the Immunoregulatory Phenotype and Phagocytosis Activity in Human Macrophages. <i>Cells</i> , 2020, 9, 2142.	1.8	7
1894	The Cardiac Injury Immune Response as a Target for Regenerative and Cellular Therapies. <i>Clinical Therapeutics</i> , 2020, 42, 1923-1943.	1.1	11
1895	Animal Models of <i>Cryptococcus neoformans</i> in Identifying Immune Parameters Associated With Primary Infection and Reactivation of Latent Infection. <i>Frontiers in Immunology</i> , 2020, 11, 581750.	2.2	28
1896	Engineering nanoparticles to overcome immunological barriers for enhanced drug delivery. <i>Engineered Regeneration</i> , 2020, 1, 35-50.	3.0	35
1897	Optimized protocol for the preparation of single cells from cutaneous wounds for flow cytometric cell sorting and analysis of macrophages. <i>MethodsX</i> , 2020, 7, 101027.	0.7	1
1898	Lipid accumulation in macrophages confers protumorigenic polarization and immunity in gastric cancer. <i>Cancer Science</i> , 2020, 111, 4000-4011.	1.7	52
1899	Cancer stem cells and their niche in the progression of squamous cell carcinoma. <i>Cancer Science</i> , 2020, 111, 3985-3992.	1.7	23
1900	Baicalin Inhibits Influenza A Virus Infection via Promotion of M1 Macrophage Polarization. <i>Frontiers in Pharmacology</i> , 2020, 11, 01298.	1.6	34
1901	Circular RNA <i>circPPM1F</i> modulates M1 macrophage activation and pancreatic islet inflammation in type 1 diabetes mellitus. <i>Theranostics</i> , 2020, 10, 10908-10924.	4.6	100
1902	The potential of artemisinin as anti-obesity agents via modulating the immune system. , 2020, 216, 107696.		10
1903	M1 Macrophage and M1/M2 ratio defined by transcriptomic signatures resemble only part of their conventional clinical characteristics in breast cancer. <i>Scientific Reports</i> , 2020, 10, 16554.	1.6	109
1904	<i>Staphylococcus aureus</i> -Derived $\beta$ -Hemolysin Evokes Generation of Specialized Pro-resolving Mediators Promoting Inflammation Resolution. <i>Cell Reports</i> , 2020, 33, 108247.	2.9	47
1905	Tumor-associated macrophages: A promising target for a cancer immunotherapeutic strategy. <i>Pharmacological Research</i> , 2020, 161, 105111.	3.1	68
1906	Bioinspired Nanofibrous Glycopeptide Hydrogel Dressing for Accelerating Wound Healing: A Cytokine-Free, M2-Type Macrophage Polarization Approach. <i>Advanced Functional Materials</i> , 2020, 30, 2006454.	7.8	123
1907	Targeting tumor-associated macrophages for cancer immunotherapy. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020, 1874, 188434.	3.3	68

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1909	Gut microbial bile acid metabolite skews macrophage polarization and contributes to high-fat diet-induced colonic inflammation. <i>Gut Microbes</i> , 2020, 12, 1819155.	4.3	72
1910	Neutrophil diversity and plasticity in tumour progression and therapy. <i>Nature Reviews Cancer</i> , 2020, 20, 485-503.	12.8	548
1911	The molecular mechanisms associated with the physiological responses to inflammation and oxidative stress in cardiovascular diseases. <i>Biophysical Reviews</i> , 2020, 12, 947-968.	1.5	47
1912	Identifying an obinutuzumab resistant subpopulation of monocyte-derived-macrophages from patients with CLL. <i>Leukemia and Lymphoma</i> , 2020, 61, 2738-2742.	0.6	2
1913	Functions of the plasminogen receptor Plgâ€RKT. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 2468-2481.	1.9	15
1914	Macrophage polarization in innate immune responses contributing to pathogenesis of chronic kidney disease. <i>BMC Nephrology</i> , 2020, 21, 270.	0.8	63
1915	Insight into the Role of Dental Pulp Stem Cells in Regenerative Therapy. <i>Biology</i> , 2020, 9, 160.	1.3	36
1916	Susceptibility to Intracellular Infections: Contributions of TNF to Immune Defense. <i>Frontiers in Microbiology</i> , 2020, 11, 1643.	1.5	19
1917	Digestion of Whole Mouse Eyes for Multi-Parameter Flow Cytometric Analysis of Mononuclear Phagocytes. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	6
1918	Development of lipid-like materials for RNA delivery based on intracellular environment-responsive membrane destabilization and spontaneous collapse. <i>Advanced Drug Delivery Reviews</i> , 2020, 154-155, 210-226.	6.6	33
1919	Tumor-initiating cells establish an IL-33â€TGF-Î² niche signaling loop to promote cancer progression. <i>Science</i> , 2020, 369, .	6.0	134
1920	Neutrophil Extracellular Trap Degradation by Differently Polarized Macrophage Subsets. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2265-2278.	1.1	54
1921	Pharmacological characterisation of small molecule C5aR1 inhibitors in human cells reveals biased activities for signalling and function. <i>Biochemical Pharmacology</i> , 2020, 180, 114156.	2.0	47
1922	Immune Tolerance Induction Using Cell-Based Strategies in Liver Transplantation: Clinical Perspectives. <i>Frontiers in Immunology</i> , 2020, 11, 1723.	2.2	11
1923	Macrophage subsets in atherosclerosis as defined by singleâ€cell technologies. <i>Journal of Pathology</i> , 2020, 250, 705-714.	2.1	127
1924	Beyond Growth Factors: Macrophage-Centric Strategies for Angiogenesis. <i>Current Pathobiology Reports</i> , 2020, 8, 111-120.	1.6	12
1925	Magnetic resonance imaging of carotid plaques: current status and clinical perspectives. <i>Annals of Translational Medicine</i> , 2020, 8, 1266-1266.	0.7	22

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1926	Macrophage Polarization in Chronic Lymphocytic Leukemia: Nurse-Like Cells Are the Caretakers of Leukemic Cells. <i>Biomedicines</i> , 2020, 8, 516.	1.4	10
1927	Effect of Vitamin B Complex Treatment on Macrophages to Schwann Cells Association during Neuroinflammation after Peripheral Nerve Injury. <i>Molecules</i> , 2020, 25, 5426.	1.7	16
1928	MIF-Dependent Control of Tumor Immunity. <i>Frontiers in Immunology</i> , 2020, 11, 609948.	2.2	59
1929	An Overview of Nrf2 Signaling Pathway and Its Role in Inflammation. <i>Molecules</i> , 2020, 25, 5474.	1.7	573
1930	Immune Checkpoint Targeted Therapy in Glioma: Status and Hopes. <i>Frontiers in Immunology</i> , 2020, 11, 578877.	2.2	76
1931	Pathogenic effects of inhibition of mTORC1/STAT3 axis facilitates <i>Staphylococcus aureus</i> -induced pyroptosis in human macrophages. <i>Cell Communication and Signaling</i> , 2020, 18, 187.	2.7	13
1932	Cross-Talk Between Alveolar Macrophages and Lung Epithelial Cells is Essential to Maintain Lung Homeostasis. <i>Frontiers in Immunology</i> , 2020, 11, 583042.	2.2	108
1934	Innate immune responses in RNA viral infection. <i>Frontiers of Medicine</i> , 2021, 15, 333-346.	1.5	20
1935	β-Glucan as Trained Immunity-Based Adjuvants for Rabies Vaccines in Dogs. <i>Frontiers in Immunology</i> , 2020, 11, 564497.	2.2	11
1936	Immunotherapy Targeting Tumor-Associated Macrophages. <i>Frontiers in Medicine</i> , 2020, 7, 583708.	1.2	15
1937	A novel chrysin thiazole derivative polarizes macrophages to an M1 phenotype via targeting TLR4. <i>International Immunopharmacology</i> , 2020, 88, 106986.	1.7	7
1938	Extracts of <i>Phellinus linteus</i> , Bamboo ( <i>Sasa senanensis</i> ) Leaf and Chaga Mushroom ( <i>Inonotus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 101	1.7	15
1939	Sojadodamgangki-tang attenuates allergic lung inflammation by inhibiting T helper 2 cells and Augmenting alveolar macrophages. <i>Journal of Ethnopharmacology</i> , 2020, 263, 113152.	2.0	5
1940	Transcriptional profiling of lung macrophages during pulmonary injury induced by nitrogen mustard. <i>Annals of the New York Academy of Sciences</i> , 2020, 1480, 146-154.	1.8	5
1941	Activated hyaluronic acid/collagen composite hydrogel with tunable physical properties and improved biological properties. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 2186-2196.	3.6	18
1942	High-content and high-throughput identification of macrophage polarization phenotypes. <i>Chemical Science</i> , 2020, 11, 8231-8239.	3.7	23
1943	Transcriptome sequencing supports a conservation of macrophage polarization in fish. <i>Scientific Reports</i> , 2020, 10, 13470.	1.6	28
1944	Overview of General and Discriminating Markers of Differential Microglia Phenotypes. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 198.	1.8	476

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1945	TREM2 Modulation Remodels the Tumor Myeloid Landscape Enhancing Anti-PD-1 Immunotherapy. <i>Cell</i> , 2020, 182, 886-900.e17.	13.5	309
1946	The effect of macrophages on an atmospheric pressure plasma-treated titanium membrane with bone marrow stem cells in a model of guided bone regeneration. <i>Journal of Materials Science: Materials in Medicine</i> , 2020, 31, 70.	1.7	3
1947	Impact of Local Alloimmunity and Recipient Cells in Transplant Arteriosclerosis. <i>Circulation Research</i> , 2020, 127, 974-993.	2.0	17
1948	<i>Trichinella spiralis</i> Thioredoxin Peroxidase 2 Regulates Protective Th2 Immune Response in Mice by Directly Inducing Alternatively Activated Macrophages. <i>Frontiers in Immunology</i> , 2020, 11, 2015.	2.2	16
1949	M1 <sup>hot</sup> tumor-associated macrophages boost tissue-resident memory T cells infiltration and survival in human lung cancer. , 2020, 8, e000778.		99
1950	GM-CSF Calibrates Macrophage Defense and Wound Healing Programs during Intestinal Infection and Inflammation. <i>Cell Reports</i> , 2020, 32, 107857.	2.9	79
1951	Effects of IL-34 on Macrophage Immunological Profile in Response to Alzheimer's-Related A $\beta$ 242 Assemblies. <i>Frontiers in Immunology</i> , 2020, 11, 1449.	2.2	15
1952	Engineered Human Cathelicidin Antimicrobial Peptides Inhibit Ebola Virus Infection. <i>IScience</i> , 2020, 23, 100999.	1.9	40
1953	Species-Specificity of Transcriptional Regulation and the Response to Lipopolysaccharide in Mammalian Macrophages. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 661.	1.8	29
1954	Targeting the Tumor Microenvironment in Neuroblastoma: Recent Advances and Future Directions. <i>Cancers</i> , 2020, 12, 2057.	1.7	48
1955	Role of Tumor-Associated Myeloid Cells in Breast Cancer. <i>Cells</i> , 2020, 9, 1785.	1.8	56
1956	Anti-arthritis effect of berberine associated with regulating energy metabolism of macrophages through AMPK/ HIF-1 $\alpha$ pathway. <i>International Immunopharmacology</i> , 2020, 87, 106830.	1.7	31
1957	Induction of macrophage-like immunosuppressive cells from common marmoset ES cells by stepwise differentiation with DZNep. <i>Scientific Reports</i> , 2020, 10, 12625.	1.6	3
1958	PM2.5 impairs macrophage functions to exacerbate pneumococcus-induced pulmonary pathogenesis. <i>Particle and Fibre Toxicology</i> , 2020, 17, 37.	2.8	32
1959	Redefining Tumor-Associated Macrophage Subpopulations and Functions in the Tumor Microenvironment. <i>Frontiers in Immunology</i> , 2020, 11, 1731.	2.2	328
1960	Targeting of CD163+ Macrophages in Inflammatory and Malignant Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5497.	1.8	104
1961	The Gut Microbiota and Its Metabolites, Novel Targets for Treating and Preventing Non-Alcoholic Fatty Liver Disease. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e2000375.	1.5	37
1962	The use of patient-derived breast tissue explants to study macrophage polarization and the effects of environmental chemical exposure. <i>Immunology and Cell Biology</i> , 2020, 98, 883-896.	1.0	6



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1963	USP7 targeting modulates anti-tumor immune response by reprogramming Tumor-associated Macrophages in Lung Cancer. <i>Theranostics</i> , 2020, 10, 9332-9347.	4.6	112
1964	IL-34 Actions on FOXP3+ Tregs and CD14+ Monocytes Control Human Graft Rejection. <i>Frontiers in Immunology</i> , 2020, 11, 1496.	2.2	17
1965	Heterogeneous origins and functions of mouse skeletal muscle-resident macrophages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20729-20740.	3.3	59
1966	Long non-coding RNA FENDRR regulates IFN $\beta$ -induced M1 phenotype in macrophages. <i>Scientific Reports</i> , 2020, 10, 13672.	1.6	20
1967	Children with oligoarticular juvenile idiopathic arthritis have skewed synovial monocyte polarization pattern with functional impairment—a distinct inflammatory pattern for oligoarticular juvenile arthritis. <i>Arthritis Research and Therapy</i> , 2020, 22, 186.	1.6	20
1968	Conventional Dendritic Cells and Slan+ Monocytes During HIV-2 Infection. <i>Frontiers in Immunology</i> , 2020, 11, 1658.	2.2	2
1969	The M2 Macrophage. <i>Agents and Actions Supplements</i> , 2020, , .	0.2	3
1970	Tumor-Associated Neutrophils and Macrophages—Heterogenous but Not Chaotic. <i>Frontiers in Immunology</i> , 2020, 11, 553967.	2.2	53
1971	Comprehensive evaluation of differentially expressed non-coding RNAs identified during macrophage activation. <i>Molecular Immunology</i> , 2020, 128, 98-105.	1.0	2
1972	Systemic hypoxia mimicry enhances axonal regeneration and functional recovery following peripheral nerve injury. <i>Experimental Neurology</i> , 2020, 334, 113436.	2.0	7
1973	Modeling early stage atherosclerosis in a primary human vascular microphysiological system. <i>Nature Communications</i> , 2020, 11, 5426.	5.8	38
1974	Immune infiltration and immune gene signature predict the response to fluoropyrimidine-based chemotherapy in colorectal cancer patients. <i>Oncolmmunology</i> , 2020, 9, 1832347.	2.1	18
1975	Differential immune cell infiltrations between healthy periodontal and chronic periodontitis tissues. <i>BMC Oral Health</i> , 2020, 20, 293.	0.8	29
1976	Disulfides from the Brown Alga <i>Dictyopterus membranacea</i> Suppress M1 Macrophage Activation by Inducing AKT and Suppressing MAPK/ERK Signaling Pathways. <i>Marine Drugs</i> , 2020, 18, 527.	2.2	5
1977	Spermidine endows macrophages anti-inflammatory properties by inducing mitochondrial superoxide-dependent AMPK activation, Hif-1 $\alpha$ upregulation and autophagy. <i>Free Radical Biology and Medicine</i> , 2020, 161, 339-350.	1.3	63
1978	Dual Effect of Soloxolone Methyl on LPS-Induced Inflammation In Vitro and In Vivo. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7876.	1.8	10
1979	HDAC3 Mediates the Inflammatory Response and LPS Tolerance in Human Monocytes and Macrophages. <i>Frontiers in Immunology</i> , 2020, 11, 550769.	2.2	30
1980	Itaconate controls the severity of pulmonary fibrosis. <i>Science Immunology</i> , 2020, 5, .	5.6	73



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1981	Influence of different erythrocyte storage times on the macrophage response in haemorrhagic shock mice. <i>Journal of International Medical Research</i> , 2020, 48, 030006052094787.	0.4	0
1982	Exploiting Manipulated Small Extracellular Vesicles to Subvert Immunosuppression at the Tumor Microenvironment through Mannose Receptor/CD206 Targeting. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6318.	1.8	17
1983	Macrophage polarization in intestinal inflammation and gut homeostasis. <i>Inflammation Research</i> , 2020, 69, 1163-1172.	1.6	58
1984	Overexpressing TGF- $\beta$ 1 in mesenchymal stem cells attenuates organ dysfunction during CLP-induced septic mice by reducing macrophage-driven inflammation. <i>Stem Cell Research and Therapy</i> , 2020, 11, 378.	2.4	20
1985	Tuberculosis“Cancer Parallels in Immune Response Regulation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6136.	1.8	9
1986	Metabolic programming of tumor associated macrophages in the context of cancer treatment. <i>Annals of Translational Medicine</i> , 2020, 8, 1028-1028.	0.7	16
1987	Transcriptional Analyses Identify Genes That Modulate Bovine Macrophage Response to Toxoplasma Infection and Immune Stimulation. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 437.	1.8	5
1988	Analyzing One Cell at a TIME: Analysis of Myeloid Cell Contributions in the Tumor Immune Microenvironment. <i>Frontiers in Immunology</i> , 2020, 11, 1842.	2.2	28
1989	IL-33-ST2 axis regulates myeloid cell differentiation and activation enabling effective club cell regeneration. <i>Nature Communications</i> , 2020, 11, 4786.	5.8	49
1990	The Macrophages-Microbiota Interplay in Colorectal Cancer (CRC)-Related Inflammation: Prognostic and Therapeutic Significance. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6866.	1.8	20
1991	Mitigating Coronavirus Induced Dysfunctional Immunity for At-Risk Populations in COVID-19: Trained Immunity, BCG and “New Old Friends”. <i>Frontiers in Immunology</i> , 2020, 11, 2059.	2.2	18
1992	HGF-MET Signaling Shifts M1 Macrophages Toward an M2-Like Phenotype Through PI3K-Mediated Induction of Arginase-1 Expression. <i>Frontiers in Immunology</i> , 2020, 11, 2135.	2.2	32
1993	Oral Pathogen <i>Porphyromonas gingivalis</i> Can Escape Phagocytosis of Mammalian Macrophages. <i>Microorganisms</i> , 2020, 8, 1432.	1.6	18
1994	Oncometabolites lactate and succinate drive pro-angiogenic macrophage response in tumors. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020, 1874, 188427.	3.3	61
1995	Impaired mitochondrial function of alveolar macrophages in carbon nanotube-induced chronic pulmonary granulomatous disease. <i>Toxicology</i> , 2020, 445, 152598.	2.0	16
1996	Multiplexed detection and isolation of viable low-frequency cytokine-secreting human B cells using cytokine secretion assay and flow cytometry (CSA-Flow). <i>Scientific Reports</i> , 2020, 10, 14823.	1.6	5
1997	Targeted delivery of miR-99b reprograms tumor-associated macrophage phenotype leading to tumor regression. , 2020, 8, e000517.		37
1998	Poly-L-lysine coated nanoparticles to identify pro-inflammatory macrophages. <i>Nanoscale Advances</i> , 2020, 2, 3849-3857.	2.2	5

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2000	Colon-specific immune microenvironment regulates cancer progression versus rejection. <i>OncImmunology</i> , 2020, 9, 1790125.	2.1	17
2001	Cancer Acidity and Hypertonicity Contribute to Dysfunction of Tumor-Associated Dendritic Cells: Potential Impact on Antigen Cross-Presentation Machinery. <i>Cancers</i> , 2020, 12, 2403.	1.7	23
2002	Tenascin-C in cardiac disease: a sophisticated controller of inflammation, repair, and fibrosis. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 319, C781-C796.	2.1	45
2003	IL-33â€“Stimulated Murine Mast Cells Polarize Alternatively Activated Macrophages, Which Suppress T Cells That Mediate Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2020, 205, 1909-1919.	0.4	13
2004	Exosome-Mediated Crosstalk between Keratinocytes and Macrophages in Cutaneous Wound Healing. <i>ACS Nano</i> , 2020, 14, 12732-12748.	7.3	106
2005	The Role of T Cells and Macrophages in Asthma Pathogenesis: A New Perspective on Mutual Crosstalk. <i>Mediators of Inflammation</i> , 2020, 2020, 1-14.	1.4	26
2006	Deleterious Alteration of Clia in the Brain of Alzheimerâ€™s Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6676.	1.8	27
2007	Glycolytic and immunological alterations in human <sc>U937</sc> monocytes in response to <sc>H1N1</sc> infection. <i>IUBMB Life</i> , 2020, 72, 2481-2498.	1.5	3
2008	Androgen receptor signalling in macrophages promotes TREM-1-mediated prostate cancer cell line migration and invasion. <i>Nature Communications</i> , 2020, 11, 4498.	5.8	66
2009	Hsp70 and NF- $\kappa$ B Mediated Control of Innate Inflammatory Responses in a Canine Macrophage Cell Line. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6464.	1.8	25
2010	The nanomaterial-induced bystander effects reprogrammed macrophage immune function and metabolic profile. <i>Nanotoxicology</i> , 2020, 14, 1137-1155.	1.6	14
2011	Cardiac Immunology: A New Era for Immune Cells in the Heart. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1312, 75-95.	0.8	7
2012	Ontogeny of arterial macrophages defines their functions in homeostasis and inflammation. <i>Nature Communications</i> , 2020, 11, 4549.	5.8	54
2013	Gut microbiota regulates neuropathic pain: potential mechanisms and therapeutic strategy. <i>Journal of Headache and Pain</i> , 2020, 21, 103.	2.5	56
2014	Olive Leaf Polyphenols Attenuate the Clinical Course of Experimental Autoimmune Encephalomyelitis and Provide Neuroprotection by Reducing Oxidative Stress, Regulating Microglia and SIRT1, and Preserving Myelin Integrity. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-20.	1.9	20
2015	Kupffer Cell-Derived TNF- $\alpha$ Triggers the Apoptosis of Hepatic Stellate Cells through TNF-R1/Caspase 8 due to ER Stress. <i>BioMed Research International</i> , 2020, 2020, 1-14.	0.9	2
2016	Differential Effects of Myeloid Cell PPAR $\alpha$ and IL-10 in Regulating Macrophage Recruitment, Phenotype, and Regeneration following Acute Muscle Injury. <i>Journal of Immunology</i> , 2020, 205, 1664-1677.	0.4	18

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2017	Application of Anti-Inflammatory Agents in Prostate Cancer. <i>Journal of Clinical Medicine</i> , 2020, 9, 2680.	1.0	12
2018	Macrophage Activation in the Synovium of Healthy and Osteoarthritic Equine Joints. <i>Frontiers in Veterinary Science</i> , 2020, 7, 568756.	0.9	19
2019	Impact of Isolation Procedures on the Development of a Preclinical Synovial Fibroblasts/Macrophages in an In Vitro Model of Osteoarthritis. <i>Biology</i> , 2020, 9, 459.	1.3	5
2020	The Evolving Knowledge on T and NK Cells in Classic Hodgkin Lymphoma: Insights into Novel Subsets Populating the Immune Microenvironment. <i>Cancers</i> , 2020, 12, 3757.	1.7	13
2021	Tumor-Associated Macrophages in Tumor Immunity. <i>Frontiers in Immunology</i> , 2020, 11, 583084.	2.2	783
2022	PD-L1-Mediated Immunosuppression in Glioblastoma Is Associated With the Infiltration and M2-Polarization of Tumor-Associated Macrophages. <i>Frontiers in Immunology</i> , 2020, 11, 588552.	2.2	80
2023	&lt;p&gt;Monocytes and Macrophages in Alpha-1 Antitrypsin Deficiency&lt;/p&gt;. <i>International Journal of COPD</i> , 2020, Volume 15, 3183-3192.	0.9	17
2024	Communications Between Bone Marrow Macrophages and Bone Cells in Bone Remodeling. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 598263.	1.8	64
2025	Macrophage phenotypes and monocyte subsets after destabilization of the medial meniscus in mice. <i>Journal of Orthopaedic Research</i> , 2021, 39, 2270-2280.	1.2	14
2026	Biomaterials-Mediated Regulation of Macrophage Cell Fate. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 609297.	2.0	44
2027	Autophagy in the Regulation of Tissue Differentiation and Homeostasis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 602901.	1.8	29
2028	Angiogenesis in Lymph Nodes Is a Critical Regulator of Immune Response and Lymphoma Growth. <i>Frontiers in Immunology</i> , 2020, 11, 591741.	2.2	18
2029	Mesenchymal Stromal Cell-Derived Extracellular Vesicles Reduce Neuroinflammation, Promote Neural Cell Proliferation and Improve Oligodendrocyte Maturation in Neonatal Hypoxic-Ischemic Brain Injury. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 601176.	1.8	36
2030	Comparative Analysis of the Transcriptome, Proteome, and miRNA Profile of Kupffer Cells and Monocytes. <i>Biomedicines</i> , 2020, 8, 627.	1.4	9
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2331	Nanostructured Zirconia Surfaces Regulate Human Gingival Fibroblasts Behavior Through Differential Modulation of Macrophage Polarization. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 611684.	2.0	8
2332	Extracellular vesicles shed from gastric cancer mediate protumor macrophage differentiation. <i>BMC Cancer</i> , 2021, 21, 102.	1.1	10
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2336	IgG4 induces tolerogenic M2-like macrophages and correlates with disease progression in colon cancer. <i>Oncolmmunology</i> , 2021, 10, 1880687.	2.1	18
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2511	MiR-6869-5p Induces M2 Polarization by Regulating PTPRO in Gestational Diabetes Mellitus. <i>Mediators of Inflammation</i> , 2021, 2021, 1-8.	1.4	9
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2517	P300/CBP-associated factor ( <i>PCAF</i> ) attenuated M1 macrophage inflammatory responses possibly through <i>KLF2</i> and <i>KLF4</i> . <i>Immunology and Cell Biology</i> , 2021, 99, 724-736.	1.0	10
2518	Human monocyte-derived type 1 and 2 macrophages recognize Ara h 1, a major peanut allergen, by different mechanisms. <i>Scientific Reports</i> , 2021, 11, 10141.	1.6	6
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2520	Extracellular matrix scaffolds derived from different musculoskeletal tissues drive distinct macrophage phenotypes and direct tissue-specific cellular differentiation. <i>Journal of Immunology and Regenerative Medicine</i> , 2021, 12, 100041.	0.2	6
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2524	Effects of Risk Factors on In Situ Expression of Proinflammatory Markers Correlated to Carotid Plaque Instability. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2021, Publish Ahead of Print, 741-749.	0.6	3
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2573	Deep immune profiling reveals targetable mechanisms of immune evasion in immune checkpoint inhibitor-refractory glioblastoma. , 2021, 9, e002181.		42
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2581	Macrophage Related Chronic Inflammation in Non-Healing Wounds. <i>Frontiers in Immunology</i> , 2021, 12, 681710.	2.2	76
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2591	Mini-TrpRS is essential for IFN $\gamma$ -induced monocyte-derived giant cell formation. <i>Cytokine</i> , 2021, 142, 155486.	1.4	2
2592	Macrophages in Acute Myeloid Leukaemia: Significant Players in Therapy Resistance and Patient Outcomes. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 692800.	1.8	27
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2607	Regular swimming exercise prevented the acute and persistent mechanical muscle hyperalgesia by modulation of macrophages phenotypes and inflammatory cytokines via PPAR $\beta$ receptors. <i>Brain, Behavior, and Immunity</i> , 2021, 95, 462-476.	2.0	9
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2640	<i>Lactobacillus rhamnosus</i> GG defense against <i>Salmonella enterica</i> serovar Typhimurium infection through modulation of M1 macrophage polarization. <i>Microbial Pathogenesis</i> , 2021, 156, 104939.	1.3	10
2641	Therapeutic Potential of Targeting Stromal Crosstalk-Mediated Immune Suppression in Pancreatic Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 682217.	1.3	13
2642	An immunogenomic phenotype predicting behavioral treatment response: Toward precision psychiatry for mothers and children with trauma exposure. <i>Brain, Behavior, and Immunity</i> , 2022, 99, 350-362.	2.0	7
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2646	Tumor-Associated Macrophages in Hepatocellular Carcinoma: Friend or Foe?. <i>Gut and Liver</i> , 2021, 15, 500-516.	1.4	36
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2652	AEG-1 silencing attenuates M2-polarization of glioma-associated microglia/macrophages and sensitizes glioma cells to temozolomide. <i>Scientific Reports</i> , 2021, 11, 17348.	1.6	12
2653	Donor-derived M2 macrophages attenuate GVHD after allogeneic hematopoietic stem cell transplantation. <i>Immunity, Inflammation and Disease</i> , 2021, 9, 1489-1499.	1.3	9
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2659	Macrophage Motility in Wound Healing Is Regulated by HIF-1 $\hat{\pm}$ via S1P Signaling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8992.	1.8	11
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