

Macrophage plasticity and polarization: in vivo veritas

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Lack of CC chemokine ligand 2 differentially affects inflammation and fibrosis according to the genetic background in a murine model of steatohepatitis. <i>Clinical Science</i> , 2012, 123, 459-471.	1.8	59
2	Decidual Macrophages Are Significantly Increased in Spontaneous Miscarriages and Over-Express FasL: A Potential Role for Macrophages in Trophoblast Apoptosis. <i>International Journal of Molecular Sciences</i> , 2012, 13, 9069-9080.	1.8	63
3	Reversal of Vascular Macrophage Accumulation and Hypertension by a CCR2 Antagonist in Deoxycorticosterone/Salt-Treated Mice. <i>Hypertension</i> , 2012, 60, 1207-1212.	1.3	103
4	Pathogenesis of follicular lymphoma. <i>Journal of Clinical Investigation</i> , 2012, 122, 3424-3431.	3.9	264
5	Pulmonary Macrophage Subpopulations in the Induction and Resolution of Acute Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 47, 417-426.	1.4	260
6	Myeloid cells. <i>Oncolmmunology</i> , 2012, 1, 1360-1367.	2.1	13
7	Macrophages mediate colon carcinoma cell adhesion in the rat liver after exposure to lipopolysaccharide. <i>Oncolmmunology</i> , 2012, 1, 1517-1526.	2.1	15
8	Guest Editorial. <i>Immunological Investigations</i> , 2012, 41, 555-561.	1.0	0
9	ABCA1 Protein Enhances Toll-like Receptor 4 (TLR4)-stimulated Interleukin-10 (IL-10) Secretion through Protein Kinase A (PKA) Activation. <i>Journal of Biological Chemistry</i> , 2012, 287, 40502-40512.	1.6	56
10	Phosphorylation of CRTC3 by the salt-inducible kinases controls the interconversion of classically activated and regulatory macrophages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16986-16991.	3.3	210
11	Monocyte Chemoattractant Protein-1/CCR2 Axis Promotes Vein Graft Neointimal Hyperplasia Through Its Signaling in Graft-Extrinsic Cell Populations. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2418-2426.	1.1	22
12	Macrophage-Targeted Therapy: CD64-Based Immunotoxins for Treatment of Chronic Inflammatory Diseases. <i>Toxins</i> , 2012, 4, 676-694.	1.5	39
13	Dendritic cell-based immunotherapy in mesothelioma. <i>Immunotherapy</i> , 2012, 4, 1011-1022.	1.0	10
14	Role of Galectin-3 in Classical and Alternative Macrophage Activation in the Liver following Acetaminophen Intoxication. <i>Journal of Immunology</i> , 2012, 189, 5934-5941.	0.4	59
15	The inflammation highway: metabolism accelerates inflammatory traffic in obesity. <i>Immunological Reviews</i> , 2012, 249, 218-238.	2.8	478
16	MSCs, Macrophages, and Cancer: A Dangerous Marriage-Trois. <i>Cell Stem Cell</i> , 2012, 11, 730-732.	5.2	33
17	Macrophages in the infarct: Fiery friends or friendly fire?. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 53, 591-592.	0.9	1
18	Keeping good and bad company: stromal cells in lymphoma. <i>Leukemia and Lymphoma</i> , 2012, 53, 1654-1655.	0.6	0

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19	Haemophilus ducreyi-Induced Interleukin-10 Promotes a Mixed M1 and M2 Activation Program in Human Macrophages. <i>Infection and Immunity</i> , 2012, 80, 4426-4434.	1.0	46
20	Impaired antigen presentation and potent phagocytic activity identifying tumor-tolerant human monocytes. <i>Biochemical and Biophysical Research Communications</i> , 2012, 423, 331-337.	1.0	18
21	Macrophage imbalance (M1 vs. M2) and upregulation of mast cells in wall of ruptured human cerebral aneurysms: preliminary results. <i>Journal of Neuroinflammation</i> , 2012, 9, 222.	3.1	138
22	Macrophages and angiogenesis: a role for Wnt signaling. <i>Vascular Cell</i> , 2012, 4, 13.	0.2	73
23	Importance of direct macrophage-Tumor cell interaction on progression of human glioma. <i>Cancer Science</i> , 2012, 103, 2165-2172.	1.7	113
24	Systemic and cellular consequences of macrophage control of iron metabolism. <i>Seminars in Immunology</i> , 2012, 24, 393-398.	2.7	37
25	Differential Uptake of Chemically Modified Cowpea Mosaic Virus Nanoparticles in Macrophage Subpopulations Present in Inflammatory and Tumor Microenvironments. <i>Biomacromolecules</i> , 2012, 13, 3320-3326.	2.6	19
26	Compensated inflammation in systemic juvenile idiopathic arthritis: Role of alternatively activated macrophages. <i>Cytokine</i> , 2012, 60, 226-232.	1.4	28
27	Blood leukocytes and macrophages of various phenotypes have distinct abilities to form podosomes and to migrate in 3D environments. <i>European Journal of Cell Biology</i> , 2012, 91, 938-949.	1.6	127
28	Stem Cells in the Face: Tooth Regeneration and Beyond. <i>Cell Stem Cell</i> , 2012, 11, 291-301.	5.2	106
29	Unsaturated Fatty Acids Promote the Phagocytosis of <i>P. aeruginosa</i> and <i>R. equi</i> by RAW264.7 Macrophages. <i>Current Microbiology</i> , 2012, 65, 649-655.	1.0	45
30	Engagement of Siglec-7 Receptor Induces a Pro-Inflammatory Response Selectively in Monocytes. <i>PLoS ONE</i> , 2012, 7, e45821.	1.1	46
31	Fungal pathogens—a sweet and sour treat for toll-like receptors. <i>Frontiers in Cellular and Infection Microbiology</i> , 2012, 2, 142.	1.8	88
32	Critical Role of TNF- α -Induced Macrophage VEGF and iNOS Production in the Experimental Corneal Neovascularization. , 2012, 53, 3516.		44
34	Monocyte heterogeneity in cardiovascular disease. <i>Seminars in Immunopathology</i> , 2013, 35, 553-562.	2.8	72
35	RAGE regulation and signaling in inflammation and beyond. <i>Journal of Leukocyte Biology</i> , 2013, 94, 55-68.	1.5	336
36	Macrophages in tuberculosis: friend or foe. <i>Seminars in Immunopathology</i> , 2013, 35, 563-583.	2.8	222
37	Pro-inflammatory cytokines negatively regulate PPAR γ mediated gene expression in both human and murine macrophages via multiple mechanisms. <i>Immunobiology</i> , 2013, 218, 1336-1344.	0.8	33

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38	An unbalanced monocyte polarisation in peripheral blood and bone marrow of patients with type 2 diabetes has an impact on microangiopathy. <i>Diabetologia</i> , 2013, 56, 1856-1866.	2.9	119
39	Adenosine augments IL-10-induced STAT3 signaling in M2c macrophages. <i>Journal of Leukocyte Biology</i> , 2013, 94, 1309-1315.	1.5	120
40	Tumour-associated macrophages and cancer. <i>Current Opinion in Pharmacology</i> , 2013, 13, 595-601.	1.7	146
41	Inhalable microparticles of nitric oxide donors induce phagosome maturation and kill <i>Mycobacterium tuberculosis</i> . <i>Tuberculosis</i> , 2013, 93, 412-417.	0.8	28
42	Scavenger receptors in homeostasis and immunity. <i>Nature Reviews Immunology</i> , 2013, 13, 621-634.	10.6	670
43	From mice to women: the conundrum of immunity to infection during pregnancy. <i>Journal of Reproductive Immunology</i> , 2013, 97, 62-73.	0.8	54
44	Anti-neuroinflammatory Effect of a Novel Caffeamide Derivative, KS370G, in Microglial cells. <i>Molecular Neurobiology</i> , 2013, 48, 863-874.	1.9	30
45	Taurine improves obesity-induced inflammatory responses and modulates the unbalanced phenotype of adipose tissue macrophages. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 2155-2165.	1.5	52
46	Anti-Inflammatory Effect of Pristimerin on Lipopolysaccharide-Induced Inflammatory Responses in Murine Macrophages. <i>Archives of Pharmacal Research</i> , 2013, 36, 495-500.	2.7	36
47	Identification of an Adipogenic Niche for Adipose Tissue Remodeling and Restoration. <i>Cell Metabolism</i> , 2013, 18, 355-367.	7.2	229
48	Evaluation of Classical, Alternative, and Regulatory Functions of Bone Marrow-Derived Macrophages. <i>Methods in Molecular Biology</i> , 2013, 1032, 79-89.	0.4	4
49	Cardiac immune cell remodeling after myocardial infarction. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 62, 142-143.	0.9	8
50	In Vivo Implanted Bone Marrow-Derived Mesenchymal Stem Cells Trigger a Cascade of Cellular Events Leading to the Formation of an Ectopic Bone Regenerative Niche. <i>Stem Cells and Development</i> , 2013, 22, 3178-3191.	1.1	60
51	Tumor-associated macrophages: functional diversity, clinical significance, and open questions. <i>Seminars in Immunopathology</i> , 2013, 35, 585-600.	2.8	447
52	Interferon Regulatory Factor 4 Regulates Obesity-Induced Inflammation Through Regulation of Adipose Tissue Macrophage Polarization. <i>Diabetes</i> , 2013, 62, 3394-3403.	0.3	100
53	Plasticity of Leukocytic Exudates in Resolving Acute Inflammation Is Regulated by MicroRNA and Proresolving Mediators. <i>Immunity</i> , 2013, 39, 885-898.	6.6	113
54	M2-polarised macrophages in infantile haemangiomas: correlation with promoted angiogenesis. <i>Journal of Clinical Pathology</i> , 2013, 66, 1058-1064.	1.0	29
55	Macrophage Activation and Polarization as an Adaptive Component of Innate Immunity. <i>Advances in Immunology</i> , 2013, 120, 163-184.	1.1	352

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56	Transcriptional Control of Macrophage Identity, Self-Renewal, and Function. <i>Advances in Immunology</i> , 2013, 120, 269-300.	1.1	34
57	Polarization profiles of human M-CSF-generated macrophages and comparison of M1-markers in classically activated macrophages from GM-CSF and M-CSF origin. <i>Cellular Immunology</i> , 2013, 281, 51-61.	1.4	393
58	Tumor-associated Macrophages in Cancer Growth and Progression. , 2013, , 451-471.		1
59	Going out on a limb about regrowing an arm. <i>Journal of Materials Science: Materials in Medicine</i> , 2013, 24, 2645-2649.	1.7	3
60	Targeting the Tumor Microenvironment: From Understanding Pathways to Effective Clinical Trials. <i>Cancer Research</i> , 2013, 73, 4965-4977.	0.4	231
61	Tumor microenvironment: Bone marrow-mesenchymal stem cells as key players. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2013, 1836, 321-335.	3.3	141
62	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
63	Articular adipose tissue resident macrophages in rheumatoid arthritis patients: potential contribution to local abnormalities. <i>Rheumatology</i> , 2013, 52, 2158-2167.	0.9	22
64	Mesenchymal stem cells transplantation ameliorates glomerular injury in streptozotocin-induced diabetic nephropathy in rats via inhibiting macrophage infiltration. <i>International Immunopharmacology</i> , 2013, 17, 275-282.	1.7	66
65	Immunometabolism in Obese Asthmatics: Are We There Yet?. <i>Nutrients</i> , 2013, 5, 3506-3530.	1.7	22
66	Role of macrophage activation in the lipid metabolism of postprandial triacylglycerol-rich lipoproteins. <i>Experimental Biology and Medicine</i> , 2013, 238, 98-110.	1.1	7
67	5-Lipoxygenase contributes to PPAR γ activation in macrophages in response to apoptotic cells. <i>Cellular Signalling</i> , 2013, 25, 2762-2768.	1.7	11
68	Portal, but not lobular, macrophages express matrix metalloproteinase-9: association with the ductular reaction and fibrosis in chronic hepatitis C. <i>Liver International</i> , 2013, 33, 569-579.	1.9	42
69	Nontransformed, GM-CSF-dependent macrophage lines are a unique model to study tissue macrophage functions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E2191-8.	3.3	91
70	HLA-dependent tumour development: a role for tumour associate macrophages?. <i>Journal of Translational Medicine</i> , 2013, 11, 247.	1.8	55
71	Small ruminant macrophage polarization may play a pivotal role on lentiviral infection. <i>Veterinary Research</i> , 2013, 44, 83.	1.1	17
72	Alveolar macrophages of GM-CSF knockout mice exhibit mixed M1 and M2 phenotypes. <i>BMC Immunology</i> , 2013, 14, 41.	0.9	17
73	Alterations in macrophages and monocytes from tumor-bearing mice: evidence of local and systemic immune impairment. <i>Immunologic Research</i> , 2013, 57, 86-98.	1.3	25

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74	Immunosurveillance of senescent cells: the bright side of the senescence program. <i>Biogerontology</i> , 2013, 14, 617-628.	2.0	150
75	Reciprocal interactions between endothelial cells and macrophages in angiogenic vascular niches. <i>Experimental Cell Research</i> , 2013, 319, 1626-1634.	1.2	85
76	Targeting Neutrophil Apoptosis for Enhancing the Resolution of Inflammation. <i>Cells</i> , 2013, 2, 330-348.	1.8	62
77	Bis-N-norgliovictin, a small-molecule compound from marine fungus, inhibits LPS-induced inflammation in macrophages and improves survival in sepsis. <i>European Journal of Pharmacology</i> , 2013, 705, 49-60.	1.7	40
78	Macrophage polarization following chitosan implantation. <i>Biomaterials</i> , 2013, 34, 9952-9959.	5.7	121
79	Comprehensive Immunomonitoring to Guide the Development of Immunotherapeutic Products for Cancer. , 2013, , 241-258.		1
80	Targeted delivery of proapoptotic peptides to tumor-associated macrophages improves survival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15919-15924.	3.3	251
81	Fibrocytes represent a novel MDSC subset circulating in patients with metastatic cancer. <i>Blood</i> , 2013, 122, 1105-1113.	0.6	144
82	Inflammation, obesity, and thrombosis. <i>Blood</i> , 2013, 122, 3415-3422.	0.6	299
83	Investigation of Macrophage Polarization Using Bone Marrow Derived Macrophages. <i>Journal of Visualized Experiments</i> , 2013, , .	0.2	189
84	Inflammation and coagulation in atherosclerosis. <i>Hamostaseologie</i> , 2013, 33, 269-282.	0.9	36
85	Macrophage M1/M2 Polarization Dynamically Adapts to Changes in Cytokine Microenvironments in <i>Cryptococcus neoformans</i> Infection. <i>MBio</i> , 2013, 4, e00264-13.	1.8	353
86	CNS sterile injury: just another wound healing?. <i>Trends in Molecular Medicine</i> , 2013, 19, 135-143.	3.5	119
87	Cross-talk between skeletal muscle and immune cells: muscle-derived mediators and metabolic implications. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 304, E453-E465.	1.8	229
88	Genetic programs expressed in resting and IL-4 alternatively activated mouse and human macrophages: similarities and differences. <i>Blood</i> , 2013, 121, e57-e69.	0.6	426
89	The interaction between Siglec-15 and tumor-associated sialyl-Tn antigen enhances TGF- β secretion from monocytes/macrophages through the DAP12-Syk pathway. <i>Glycobiology</i> , 2013, 23, 178-187.	1.3	170
90	Macrophage plasticity and polarization in tissue repair and remodelling. <i>Journal of Pathology</i> , 2013, 229, 176-185.	2.1	1,868
91	Fibroblast autophagy in fibrotic disorders. <i>Journal of Pathology</i> , 2013, 229, 208-220.	2.1	66

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92	Modulation of macrophage activation and programming in immunity. <i>Journal of Cellular Physiology</i> , 2013, 228, 502-512.	2.0	139
93	Contribution of myeloid cell subsets to liver fibrosis in parasite infection. <i>Journal of Pathology</i> , 2013, 229, 186-197.	2.1	21
94	Kruppel-Like Factor 2 Is a Transcriptional Regulator of Chronic and Acute Inflammation. <i>American Journal of Pathology</i> , 2013, 182, 1696-1704.	1.9	50
95	Macrophages and depression – A misalliance or well-arranged marriage?. <i>Pharmacological Reports</i> , 2013, 65, 1663-1672.	1.5	31
96	Liver auto-immunology: The paradox of autoimmunity in a tolerogenic organ. <i>Journal of Autoimmunity</i> , 2013, 46, 1-6.	3.0	44
97	Interleukin-4-induced β -catenin regulates the conversion of macrophages to multinucleated giant cells. <i>Molecular Immunology</i> , 2013, 54, 157-163.	1.0	18
98	Retinoid X receptors in macrophage biology. <i>Trends in Endocrinology and Metabolism</i> , 2013, 24, 460-468.	3.1	113
99	Intraoperative crystalloid overload leads to substantial inflammatory infiltration of intestinal anastomoses—a histomorphological analysis. <i>Surgery</i> , 2013, 154, 596-603.	1.0	51
100	Tumor-associated macrophages in thoracic malignancies. <i>Lung Cancer</i> , 2013, 80, 256-262.	0.9	53
101	Alveolar Macrophages Are Critical for the Inhibition of Allergic Asthma by Mesenchymal Stromal Cells. <i>Journal of Immunology</i> , 2013, 191, 5914-5924.	0.4	85
102	Macrophage Subpopulations Are Essential for Infarct Repair With and Without Stem Cell Therapy. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1890-1901.	1.2	215
103	Phenotypic and functional heterogeneity of the testicular macrophage population: a new regulatory model. <i>Journal of Reproductive Immunology</i> , 2013, 97, 147-158.	0.8	67
104	The importance of becoming double-stranded: Innate immunity and the kinetic model of HIV-1 central plus strand synthesis. <i>Virology</i> , 2013, 441, 1-11.	1.1	8
105	miR-142-3p Prevents Macrophage Differentiation during Cancer-Induced Myelopoiesis. <i>Immunity</i> , 2013, 38, 1236-1249.	6.6	127
106	Macrophages are involved in the protective role of human umbilical cord-derived stromal cells in renal ischemia—reperfusion injury. <i>Stem Cell Research</i> , 2013, 10, 405-416.	0.3	51
107	Classical and alternative activation of rat hepatic sinusoidal endothelial cells by inflammatory stimuli. <i>Experimental and Molecular Pathology</i> , 2013, 94, 160-167.	0.9	12
108	Neutrophil recruitment and function in health and inflammation. <i>Nature Reviews Immunology</i> , 2013, 13, 159-175.	10.6	3,964
109	Macrophage Regulation of Tumor Responses to Anticancer Therapies. <i>Cancer Cell</i> , 2013, 23, 277-286.	7.7	893

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110	The Adventitia: Essential Regulator of Vascular Wall Structure and Function. Annual Review of Physiology, 2013, 75, 23-47.	5.6	324
111	Role of Macrophage Targeting in the Antitumor Activity of Trabectedin. Cancer Cell, 2013, 23, 249-262.	7.7	721
112	Critical role of Trib1 in differentiation of tissue-resident M2-like macrophages. Nature, 2013, 495, 524-528.	13.7	285
113	Epigenetic regulation of macrophage polarization and function. Trends in Immunology, 2013, 34, 216-223.	2.9	307
114	Functional Macrophage Heterogeneity in a Mouse Model of Autoimmune Central Nervous System Pathology. Journal of Immunology, 2013, 190, 3570-3578.	0.4	42
115	Microglia Regulate the Number of Neural Precursor Cells in the Developing Cerebral Cortex. Journal of Neuroscience, 2013, 33, 4216-4233.	1.7	762
116	The Immunology of Fibrosis. Annual Review of Immunology, 2013, 31, 107-135.	9.5	279
117	Plasticity of tumour and immune cells: a source of heterogeneity and a cause for therapy resistance?. Nature Reviews Cancer, 2013, 13, 365-376.	12.8	242
118	Tumor associated macrophages and neutrophils in tumor progression. Journal of Cellular Physiology, 2013, 228, 1404-1412.	2.0	346
119	Periodontal disease immunology: "double indemnity"™ in protecting the host. Periodontology 2000, 2013, 62, 163-202.	6.3	114
120	Imaging macrophage development and fate in atherosclerosis and myocardial infarction. Immunology and Cell Biology, 2013, 91, 297-303.	1.0	20
121	Mechanisms of mesenchymal stromal cell immunomodulation. Immunology and Cell Biology, 2013, 91, 19-26.	1.0	434
122	Macrophage biology in development, homeostasis and disease. Nature, 2013, 496, 445-455.	13.7	3,541
123	MicroRNA-mediated control of macrophages and its implications for cancer. Trends in Immunology, 2013, 34, 350-359.	2.9	161
124	CX3CR1 deficiency induces an early protective inflammatory environment in ischemic mice. Glia, 2013, 61, 827-842.	2.5	155
125	An inflammatory vicious cycle: Fibroblasts and immune cell recruitment in cancer. Experimental Cell Research, 2013, 319, 1596-1603.	1.2	42
126	Changing glucocorticoid action: 11 β -Hydroxysteroid dehydrogenase type 1 in acute and chronic inflammation. Journal of Steroid Biochemistry and Molecular Biology, 2013, 137, 82-92.	1.2	102
127	Division of labor between lung dendritic cells and macrophages in the defense against pulmonary infections. Mucosal Immunology, 2013, 6, 464-473.	2.7	223

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128	Macrophages and fibrosis: How resident and infiltrating mononuclear phagocytes orchestrate all phases of tissue injury and repair. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 989-997.	1.8	325
129	Mobilisation of the splenic monocyte reservoir and peripheral CX3CR1 deficiency adversely affects recovery from spinal cord injury. <i>Experimental Neurology</i> , 2013, 247, 226-240.	2.0	82
130	Flow Cytometric Analysis of Macrophages and Dendritic Cell Subsets in the Mouse Lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 503-510.	1.4	713
131	Aging promotes the development of diet-induced murine steatohepatitis but not steatosis. <i>Hepatology</i> , 2013, 57, 995-1004.	3.6	94
132	The role of Lipoxin A4 in endometrial biology and endometriosis. <i>Mucosal Immunology</i> , 2013, 6, 439-450.	2.7	33
133	Participation of leptin in the determination of the macrophage phenotype: an additional role in adipocyte and macrophage crosstalk. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2013, 49, 473-478.	0.7	60
134	Changes in macrophage phenotype as the immune response evolves. <i>Current Opinion in Pharmacology</i> , 2013, 13, 555-564.	1.7	122
135	Neutrophils in innate and adaptive immunity. <i>Seminars in Immunopathology</i> , 2013, 35, 377-394.	2.8	221
136	Trabectedin. <i>Oncolmunology</i> , 2013, 2, e24614.	2.1	49
137	Pathways mediating resolution of inflammation: when enough is too much. <i>Journal of Pathology</i> , 2013, 231, 8-20.	2.1	61
138	Tumor associated macrophages and neutrophils in cancer. <i>Immunobiology</i> , 2013, 218, 1402-1410.	0.8	500
139	Molecular definition of the pro-tumorigenic phenotype of glioma-activated microglia. <i>Glia</i> , 2013, 61, 1178-1190.	2.5	104
140	Immune cell infiltration as an indicator of the immune microenvironment of pancreatic cancer. <i>British Journal of Cancer</i> , 2013, 108, 914-923.	2.9	687
141	Macrophage Function and Polarization in Cardiovascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1127-1134.	1.1	66
142	Inflammatory Monocyte Mobilization Decreases Patient Survival in Pancreatic Cancer: A Role for Targeting the CCL2/CCR2 Axis. <i>Clinical Cancer Research</i> , 2013, 19, 3404-3415.	3.2	473
143	Macrophage subsets and osteoimmunology: tuning of the immunological recognition and effector systems that maintain alveolar bone. <i>Periodontology 2000</i> , 2013, 63, 80-101.	6.3	100
144	The TSC-mTOR pathway regulates macrophage polarization. <i>Nature Communications</i> , 2013, 4, 2834.	5.8	459
145	PTPN22 Modulates Macrophage Polarization and Susceptibility to Dextran Sulfate Sodium-Induced Colitis. <i>Journal of Immunology</i> , 2013, 191, 2134-2143.	0.4	74

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146	Monocyte and Macrophage Heterogeneity in the Heart. <i>Circulation Research</i> , 2013, 112, 1624-1633.	2.0	279
147	Microglia actions in Alzheimer's disease. <i>Acta Neuropathologica</i> , 2013, 126, 461-477.	3.9	247
148	ROS play a critical role in the differentiation of alternatively activated macrophages and the occurrence of tumor-associated macrophages. <i>Cell Research</i> , 2013, 23, 898-914.	5.7	408
149	Immobilized Heavy Chain-Hyaluronic Acid Polarizes Lipopolysaccharide-activated Macrophages toward M2 Phenotype. <i>Journal of Biological Chemistry</i> , 2013, 288, 25792-25803.	1.6	107
150	Altered Macrophage Function in Chronic Obstructive Pulmonary Disease. <i>Annals of the American Thoracic Society</i> , 2013, 10, S180-S185.	1.5	73
151	Triggering Receptor Expressed on Myeloid Cells-2 Protects against Polymicrobial Sepsis by Enhancing Bacterial Clearance. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 201-212.	2.5	73
152	Carbon Nanotube-Induced Pulmonary Granulomatous Disease: Twist1 and Alveolar Macrophage M1 Activation. <i>International Journal of Molecular Sciences</i> , 2013, 14, 23858-23871.	1.8	25
153	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
154	Macrophage Heterogeneity in Respiratory Diseases. <i>Mediators of Inflammation</i> , 2013, 2013, 1-19.	1.4	117
155	Role of Macrophages in the Pathogenesis of Atopic Dermatitis. <i>Mediators of Inflammation</i> , 2013, 2013, 1-15.	1.4	104
156	The Role of PPARs in Placental Immunology: A Systematic Review of the Literature. <i>PPAR Research</i> , 2013, 2013, 1-8.	1.1	19
157	Macrophage Plasticity and the Role of Inflammation in Skeletal Muscle Repair. <i>Mediators of Inflammation</i> , 2013, 2013, 1-9.	1.4	247
158	Infiltration of Proinflammatory M1 Macrophages into the Outer Retina Precedes Damage in a Mouse Model of Age-Related Macular Degeneration. <i>International Journal of Inflammation</i> , 2013, 2013, 1-12.	0.9	97
159	MMP1, MMP9, and COX2 Expressions in Promonocytes Are Induced by Breast Cancer Cells and Correlate with Collagen Degradation, Transformation-Like Morphological Changes in MCF-10A Acini, and Tumor Aggressiveness. <i>BioMed Research International</i> , 2013, 2013, 1-15.	0.9	31
160	Interferon-Regulatory Factors Determine Macrophage Phenotype Polarization. <i>Mediators of Inflammation</i> , 2013, 2013, 1-8.	1.4	138
161	Resident and pro-inflammatory macrophages in the colon represent alternative context-dependent fates of the same Ly6Chi monocyte precursors. <i>Mucosal Immunology</i> , 2013, 6, 498-510.	2.7	749
162	Regulation of Inflammation by Adenosine. <i>Frontiers in Immunology</i> , 2013, 4, 85.	2.2	272
163	Obesity, metabolism and the microenvironment: Links to cancer. <i>Journal of Carcinogenesis</i> , 2013, 12, 19.	2.5	81

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164	How winner cells cause the demise of loser cells. <i>BioEssays</i> , 2013, 35, 348-353.	1.2	10
165	Sex-Associated Expression of Co-Stimulatory Molecules CD80, CD86, and Accessory Molecules, PDL-1, PDL-2 and MHC-II, in F480+ Macrophages during Murine Cysticercosis. <i>BioMed Research International</i> , 2013, 2013, 1-9.	0.9	7
166	IL-21 Modulates Release of Proinflammatory Cytokines in LPS-Stimulated Macrophages through Distinct Signaling Pathways. <i>Mediators of Inflammation</i> , 2013, 2013, 1-12.	1.4	46
167	Hyperoxia Exacerbates Postnatal Inflammation-Induced Lung Injury in Neonatal BRP-39 Null Mutant Mice Promoting the M1 Macrophage Phenotype. <i>Mediators of Inflammation</i> , 2013, 2013, 1-12.	1.4	35
168	Modulation of Murine Macrophage TLR7/8-Mediated Cytokine Expression by Mesenchymal Stem Cell-Conditioned Medium. <i>Mediators of Inflammation</i> , 2013, 2013, 1-13.	1.4	38
169	Macrophages. <i>Oncolmunology</i> , 2013, 2, e23038.	2.1	58
170	Myeloid cells in atherosclerosis. <i>Current Opinion in Lipidology</i> , 2013, 24, 371-380.	1.2	55
171	p53 further extends its reach. <i>Oncolmunology</i> , 2013, 2, e24959.	2.1	2
172	Inflammation Induced by MMP-9 Enhances Tumor Regression of Experimental Breast Cancer. <i>Journal of Immunology</i> , 2013, 190, 4420-4430.	0.4	78
173	Salt-Inducible Kinases 1 and 3 Negatively Regulate Toll-Like Receptor 4-Mediated Signal. <i>Molecular Endocrinology</i> , 2013, 27, 1958-1968.	3.7	29
174	Immunohistochemical detection of arginase-I expression in formalin-fixed lung and other tissues. <i>Journal of Histotechnology</i> , 2013, 36, 128-134.	0.2	18
175	PGE2 Induces Macrophage IL-10 Production and a Regulatory-like Phenotype via a Protein Kinase A- β -SIK-CRTC3 Pathway. <i>Journal of Immunology</i> , 2013, 190, 565-577.	0.4	197
176	Use of CpG oligonucleotides for cancer immunotherapy and their effect on immunity in the tumor microenvironment. <i>Immunotherapy</i> , 2013, 5, 787-789.	1.0	10
177	Towards an understanding of cell-specific functions of signal-dependent transcription factors. <i>Journal of Molecular Endocrinology</i> , 2013, 51, T37-T50.	1.1	32
178	Study of plasma-induced peripheral blood mononuclear cells survival using Fourier transform infrared microspectroscopy. <i>Journal of Biomedical Optics</i> , 2013, 18, 115004.	1.4	7
179	A combined omics study on activated macrophages' enhanced role of STATs in apoptosis, immunity and lipid metabolism. <i>Bioinformatics</i> , 2013, 29, 2735-2743.	1.8	28
180	Carbon Storage Regulator A Contributes to the Virulence of <i>Haemophilus ducreyi</i> in Humans by Multiple Mechanisms. <i>Infection and Immunity</i> , 2013, 81, 608-617.	1.0	17
181	CXCL13 is elevated in Sjögren's syndrome in mice and humans and is implicated in disease pathogenesis. <i>Journal of Leukocyte Biology</i> , 2013, 94, 1079-1089.	1.5	116

#	ARTICLE	IF	CITATIONS
182	Reading the Tea Leaves of Tumor-Mediated Immunosuppression. <i>Clinical Cancer Research</i> , 2013, 19, 955-957.	3.2	10
183	Macrophage Polarization at the Crossroad Between HIV-1 Infection and Cancer Development. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1145-1152.	1.1	48
184	Unraveling macrophage contributions to bone repair. <i>BoneKEy Reports</i> , 2013, 2, 373.	2.7	184
185	Unique versus redundant functions of IL-1 β and IL-1 γ in the tumor microenvironment. <i>Frontiers in Immunology</i> , 2013, 4, 177.	2.2	112
186	NETosis and NADPH oxidase: at the intersection of host defense, inflammation, and injury. <i>Frontiers in Immunology</i> , 2013, 4, 45.	2.2	96
187	<i>MAP3K8</i> kinase regulates myeloma growth by cell-autonomous and non-autonomous mechanisms involving myeloma-associated monocytes/macrophages. <i>British Journal of Haematology</i> , 2013, 160, 779-784.	1.2	12
188	HIV-1 Trans-Infection of CD4 ⁺ T Cells by Professional Antigen Presenting Cells. <i>Scientifica</i> , 2013, 2013, 1-30.	0.6	34
189	Group V Secretory Phospholipase A2 Is Involved in Macrophage Activation and Is Sufficient for Macrophage Effector Functions in Allergic Pulmonary Inflammation. <i>Journal of Immunology</i> , 2013, 190, 5927-5938.	0.4	54
190	Microglia and macrophages differentially modulate cell death after brain injury caused by oxygen-glucose deprivation in organotypic brain slices. <i>Glia</i> , 2013, 61, 813-824.	2.5	143
191	Mesenchymal Stromal Cells in Transplantation Rejection and Tolerance. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2013, 3, a015560-a015560.	2.9	83
192	Decreased Levels of Folate Receptor β and Reduced Numbers of Fetal Macrophages (Hofbauer Cells) in Placentas from Pregnancies with Severe Pre-eclampsia. <i>American Journal of Reproductive Immunology</i> , 2013, 70, 104-115.	1.2	47
193	PHD2 regulates arteriogenic macrophages through TIE2 signalling. <i>EMBO Molecular Medicine</i> , 2013, 5, 843-857.	3.3	40
194	Selective ablation of tumor-associated macrophages suppresses metastasis and angiogenesis. <i>Cancer Science</i> , 2013, 104, 1217-1225.	1.7	66
195	Disclosure of the Culprits: Macrophages—Versatile Regulators of Wound Healing. <i>Advances in Wound Care</i> , 2013, 2, 357-368.	2.6	162
196	Myeloid-derived suppressor cells as a Trojan horse. <i>Oncolmmunology</i> , 2013, 2, e25083.	2.1	12
197	TREM2 governs Kupffer cell activation and explains <i>belr1</i> genetic resistance to malaria liver stage infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19531-19536.	3.3	37
198	Cancer-associated fibroblasts and macrophages. <i>Oncolmmunology</i> , 2013, 2, e25563.	2.1	47
199	Modulation of macrophage phenotype by cell shape. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17253-17258.	3.3	1,047

#	ARTICLE	IF	CITATIONS
200	Circulating myeloid calcifying cells have antiangiogenic activity <i>via</i> thrombospondin-1 overexpression. <i>FASEB Journal</i> , 2013, 27, 4355-4365.	0.2	23
201	Exploiting inflammation for therapeutic gain in pancreatic cancer. <i>British Journal of Cancer</i> , 2013, 108, 997-1003.	2.9	73
202	Smac mimetics induce inflammation and necrotic tumour cell death by modulating macrophage activity. <i>Cell Death and Disease</i> , 2013, 4, e920-e920.	2.7	41
203	Hypoxia-mediated regulation of macrophage functions in pathophysiology. <i>International Immunology</i> , 2013, 25, 67-75.	1.8	69
204	JNK inhibition reduces apoptosis and neovascularization in a murine model of age-related macular degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 2377-2382.	3.3	63
205	REG3 β contributes to the immunosuppressive microenvironment of pancreatic cancer. <i>OncImmunology</i> , 2013, 2, e26404.	2.1	5
206	IL-17 ϵ -Mediated M1/M2 Macrophage Alteration Contributes to Pathogenesis of Bisphosphonate-Related Osteonecrosis of the Jaws. <i>Clinical Cancer Research</i> , 2013, 19, 3176-3188.	3.2	126
207	UVB-Induced Melanocyte Proliferation in Neonatal Mice Driven by CCR2-Independent Recruitment of Ly6clowMHCIIhi Macrophages. <i>Journal of Investigative Dermatology</i> , 2013, 133, 1803-1812.	0.3	34
208	A role for miR-155 in enabling tumor-infiltrating innate immune cells to mount effective antitumor responses in mice. <i>Blood</i> , 2013, 122, 243-252.	0.6	102
209	C3a modulates IL-1 β secretion in human monocytes by regulating ATP efflux and subsequent NLRP3 inflammasome activation. <i>Blood</i> , 2013, 122, 3473-3481.	0.6	258
210	NOX2 Protects against Prolonged Inflammation, Lung Injury, and Mortality following Systemic Insults. <i>Journal of Innate Immunity</i> , 2013, 5, 565-580.	1.8	36
211	Changes of peripheral TGF- β 1 depend on monocytes-derived macrophages in Huntington disease. <i>Molecular Brain</i> , 2013, 6, 55.	1.3	26
212	Mediation of Protection and Recovery From Experimental Autoimmune Encephalomyelitis by Macrophages Expressing the Human Voltage-Gated Sodium Channel NaV1.5. <i>Journal of Neuropathology and Experimental Neurology</i> , 2013, 72, 489-504.	0.9	16
213	Macrophage activation by apoptotic cells. <i>Bioinorganic Reaction Mechanisms</i> , 2013, 9, .	0.5	0
214	Local effect of IL-4 delivery on polyethylene particle induced osteolysis in the murine calvarium. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101A, 1926-1934.	2.1	69
215	Endocrine, Metabolic, and Morphologic Alterations of Adipose Tissue During Critical Illness*. <i>Critical Care Medicine</i> , 2013, 41, 317-325.	0.4	93
216	Dendritic cell-specific intercellular adhesion molecule-3 grabbing nonintegrin mediates HIV-1 infection of and transmission by M2a-polarized macrophages in vitro. <i>Aids</i> , 2013, 27, 707-716.	1.0	19
217	Three-dimensional Confocal Analysis of Microglia/macrophage Markers of Polarization in Experimental Brain Injury. <i>Journal of Visualized Experiments</i> , 2013, , .	0.2	43

#	ARTICLE	IF	CITATIONS
218	Mammary Carcinoma Cell Derived Cyclooxygenase 2 Suppresses Tumor Immune Surveillance by Enhancing Intratumoral Immune Checkpoint Activity. <i>Breast Cancer Research</i> , 2013, 15, R75.	2.2	53
219	Rho Kinase Inhibitor Fasudil Regulates Microglia Polarization and Function. <i>NeuroImmunoModulation</i> , 2013, 20, 313-322.	0.9	67
221	Molecular Mechanisms and Treatment of Radiation-Induced Lung Fibrosis. <i>Current Drug Targets</i> , 2013, 14, 1347-1356.	1.0	172
222	A lovastatin-elicited genetic program inhibits M2 macrophage polarization and enhances T cell infiltration into spontaneous mouse mammary tumors. <i>Oncotarget</i> , 2013, 4, 2288-2301.	0.8	43
223	Advances in Bone Tissue Engineering. , 0, , .		5
224	Pathophysiology of NASH: Perspectives for a Targeted Treatment. <i>Current Pharmaceutical Design</i> , 2013, 19, 5250-5269.	0.9	140
225	AB0069â€¦TIE2 signalling induces a pro-inflammatory and pro-angiogenic phenotype in differentiated macrophages, independently of macrophage polarization conditions. <i>Annals of the Rheumatic Diseases</i> , 2013, 71, 641.12-641.	0.5	0
227	Macrophages: Are They Involved in Endometriosis, Abortion and Preeclampsia and How?. <i>Journal of Nippon Medical School</i> , 2013, 80, 97-103.	0.3	30
228	Synthetic Cationic Peptide IDR-1018 Modulates Human Macrophage Differentiation. <i>PLoS ONE</i> , 2013, 8, e52449.	1.1	73
229	IL-34 Induces the Differentiation of Human Monocytes into Immunosuppressive Macrophages. Antagonistic Effects of GM-CSF and IFN γ . <i>PLoS ONE</i> , 2013, 8, e56045.	1.1	147
230	Effect of Angiotensin II Type 2 Receptor-Interacting Protein on Adipose Tissue Function via Modulation of Macrophage Polarization. <i>PLoS ONE</i> , 2013, 8, e60067.	1.1	17
231	Prednisolone as Preservation Additive Prevents from Ischemia Reperfusion Injury in a Rat Model of Orthotopic Lung Transplantation. <i>PLoS ONE</i> , 2013, 8, e73298.	1.1	26
232	Ficolin-2 Defends against Virulent Mycobacteria Tuberculosis Infection In Vivo, and Its Insufficiency Is Associated with Infection in Humans. <i>PLoS ONE</i> , 2013, 8, e73859.	1.1	50
233	High-Infiltration of Tumor-Associated Macrophages Predicts Unfavorable Clinical Outcome for Node-Negative Breast Cancer. <i>PLoS ONE</i> , 2013, 8, e76147.	1.1	108
234	Extracellular High Mobility Group Box 1 Plays a Role in the Effect of Bone Marrow Mononuclear Cell Transplantation for Heart Failure. <i>PLoS ONE</i> , 2013, 8, e76908.	1.1	8
235	Establishment of Self-Renewable GM-CSF-Dependent Immature Macrophages In Vitro from Murine Bone Marrow. <i>PLoS ONE</i> , 2013, 8, e76943.	1.1	12
236	Modulation of Neutrophil Apoptosis and the Resolution of Inflammation through β 2 Integrins. <i>Frontiers in Immunology</i> , 2013, 4, 60.	2.2	96
237	Microglia and monocyte-derived macrophages: functionally distinct populations that act in concert in CNS plasticity and repair. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 34.	1.8	228

#	ARTICLE	IF	CITATIONS
238	Managing Inflammation after Spinal Cord Injury through Manipulation of Macrophage Function. <i>Neural Plasticity</i> , 2013, 2013, 1-9.	1.0	92
239	Interferon- γ and celecoxib inhibit lung-tumor growth through modulating M2/M1 macrophage ratio in the tumor microenvironment. <i>Drug Design, Development and Therapy</i> , 2014, 8, 1527.	2.0	32
240	TREM-1 Is Induced in Tumor Associated Macrophages by Cyclo-Oxygenase Pathway in Human Non-Small Cell Lung Cancer. <i>PLoS ONE</i> , 2014, 9, e94241.	1.1	46
241	DMXAA Causes Tumor Site-Specific Vascular Disruption in Murine Non-Small Cell Lung Cancer, and like the Endogenous Non-Canonical Cyclic Dinucleotide STING Agonist, 2 β -cGAMP, Induces M2 Macrophage Repolarization. <i>PLoS ONE</i> , 2014, 9, e99988.	1.1	139
242	Tie2 Signaling Cooperates with TNF to Promote the Pro-Inflammatory Activation of Human Macrophages Independently of Macrophage Functional Phenotype. <i>PLoS ONE</i> , 2014, 9, e82088.	1.1	44
243	T Cells and Macrophages Responding to Oxidative Damage Cooperate in Pathogenesis of a Mouse Model of Age-Related Macular Degeneration. <i>PLoS ONE</i> , 2014, 9, e88201.	1.1	56
244	Macrophage/Epithelium Cross-Talk Regulates Cell Cycle Progression and Migration in Pancreatic Progenitors. <i>PLoS ONE</i> , 2014, 9, e89492.	1.1	11
245	Monocyte to Macrophage Differentiation Goes along with Modulation of the Plasmalogen Pattern through Transcriptional Regulation. <i>PLoS ONE</i> , 2014, 9, e94102.	1.1	48
246	SIRT2 Deficiency Modulates Macrophage Polarization and Susceptibility to Experimental Colitis. <i>PLoS ONE</i> , 2014, 9, e103573.	1.1	111
247	Comparison of Temporal Transcriptomic Profiles from Immature Lungs of Two Rat Strains Reveals a Viral Response Signature Associated with Chronic Lung Dysfunction. <i>PLoS ONE</i> , 2014, 9, e112997.	1.1	11
248	Macrophages, Neutrophils, and Cancer: A Double Edged Sword. <i>New Journal of Science</i> , 2014, 2014, 1-14.	1.0	36
249	Role of tumor associated macrophages in tumor angiogenesis and lymphangiogenesis. <i>Frontiers in Physiology</i> , 2014, 5, 75.	1.3	463
250	Embryonic Stem Cells Promoting Macrophage Survival and Function are Crucial for Teratoma Development. <i>Frontiers in Immunology</i> , 2014, 5, 275.	2.2	28
251	IL-4 type 1 receptor signaling up-regulates KCNN4 expression, and increases the KCa3.1 current and its contribution to migration of alternative-activated microglia. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 183.	1.8	74
252	Regulatory Effects of Fisetin on Microglial Activation. <i>Molecules</i> , 2014, 19, 8820-8839.	1.7	42
253	Tumor-Associated Macrophages, Inflammation and Pathogenesis of Hepatocellular Carcinoma. <i>Journal of Molecular and Genetic Medicine: an International Journal of Biomedical Research</i> , 2014, 08, .	0.1	3
254	Classification of current anticancer immunotherapies. <i>Oncotarget</i> , 2014, 5, 12472-12508.	0.8	395
255	Macrophage Polarization and Infection. <i>Journal of Bacteriology and Virology</i> , 2014, 44, 290.	0.0	0

#	ARTICLE	IF	CITATIONS
256	Macrophage Polarization in Lung Biology and Diseases. , 2014, , .		4
257	Periodic fever, aphthous stomatitis, pharyngitis and cervical adenopathy syndrome is associated with activation of GM-CSF and burst-like expression of IL-8 in peripheral blood. <i>Modern Rheumatology</i> , 2014, 24, 997-1000.	0.9	9
258	Protective role of macrophage migration inhibitory factor in nonalcoholic steatohepatitis. <i>FASEB Journal</i> , 2014, 28, 5136-5147.	0.2	51
259	Exercise mitigates the adverse effects of hyperhomocysteinemia on macrophages, MMP-9, skeletal muscle, and white adipocytes. <i>Canadian Journal of Physiology and Pharmacology</i> , 2014, 92, 575-582.	0.7	16
260	Genetic variation influences immune responses in sensitive rats following exposure to TiO2 nanoparticles. <i>Toxicology</i> , 2014, 326, 74-85.	2.0	23
261	Indolent lymphoma: follicular lymphoma and the microenvironmentâ€™insights from the microscope. <i>Hematology American Society of Hematology Education Program</i> , 2014, 2014, 158-162.	0.9	2
262	Immunotherapeutic approaches to treat multiple myeloma. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 896-910.	1.4	7
263	In Situ Crosslinkable Gelatin Hydrogels for Vasculogenic Induction and Delivery of Mesenchymal Stem Cells. <i>Advanced Functional Materials</i> , 2014, 24, 6771-6781.	7.8	69
264	Neither Dectin-2 nor the Mannose Receptor Is Required for Resistance to <i>Coccidioides immitis</i> in Mice. <i>Infection and Immunity</i> , 2014, 82, 1147-1156.	1.0	26
265	Acquisition of an immunosuppressive protumorigenic macrophage phenotype depending on c-Jun phosphorylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17582-17587.	3.3	45
266	Macrophage uptake and accumulation of folates are polarization-dependent in vitro and in vivo and are regulated by activin A. <i>Journal of Leukocyte Biology</i> , 2014, 95, 797-808.	1.5	52
267	Mesenchymal stem cells reciprocally regulate the M1/M2 balance in mouse bone marrow-derived macrophages. <i>Experimental and Molecular Medicine</i> , 2014, 46, e70-e70.	3.2	395
268	Large-Scale Chondroitin Sulfate Proteoglycan Digestion with Chondroitinase Gene Therapy Leads to Reduced Pathology and Modulates Macrophage Phenotype following Spinal Cord Contusion Injury. <i>Journal of Neuroscience</i> , 2014, 34, 4822-4836.	1.7	200
269	Expression of Tumor-Associated Macrophage in Progression of Human Glioma. <i>Cell Biochemistry and Biophysics</i> , 2014, 70, 1625-1631.	0.9	69
270	Immunomodulatory Glycan Lacto-<i>N</i>-Fucopentaose III Requires Clathrin-Mediated Endocytosis To Induce Alternative Activation of Antigen-Presenting Cells. <i>Infection and Immunity</i> , 2014, 82, 1891-1903.	1.0	23
271	Polarization and functional plasticity of macrophages in regulating innate immune response. <i>Journal of Shanghai Jiaotong University (Science)</i> , 2014, 19, 646-650.	0.5	1
272	Immune mediators as potential diagnostic tools for colorectal cancer: from experimental rationale to early clinical evidence. <i>Expert Review of Molecular Diagnostics</i> , 2014, 14, 387-399.	1.5	6
273	S100A8 Induces IL-10 and Protects against Acute Lung Injury. <i>Journal of Immunology</i> , 2014, 192, 2800-2811.	0.4	59

#	ARTICLE	IF	CITATIONS
274	Mammalian STE20-like kinase 2, not kinase 1, mediates photoreceptor cell death during retinal detachment. <i>Cell Death and Disease</i> , 2014, 5, e1269-e1269.	2.7	37
275	Macropinocytosis and TAK1 mediate anti-inflammatory to pro-inflammatory macrophage differentiation by HIV-1 Nef. <i>Cell Death and Disease</i> , 2014, 5, e1267-e1267.	2.7	14
276	Crosstalk between fibroblasts and inflammatory cells. <i>Cardiovascular Research</i> , 2014, 102, 258-269.	1.8	419
277	Interaction between pancreatic cancer cells and tumor-associated macrophages promotes the invasion of pancreatic cancer cells and the differentiation and migration of macrophages. <i>IUBMB Life</i> , 2014, 66, 835-846.	1.5	43
278	Complement C5a exacerbates acute lung injury induced through autophagy-mediated alveolar macrophage apoptosis. <i>Cell Death and Disease</i> , 2014, 5, e1330-e1330.	2.7	74
279	Interleukin-13 Deficiency Aggravates Healing and Remodeling in Male Mice After Experimental Myocardial Infarction. <i>Circulation: Heart Failure</i> , 2014, 7, 822-830.	1.6	74
280	Molecular imaging of plaque vulnerability. <i>Journal of Nuclear Cardiology</i> , 2014, 21, 1112-1128.	1.4	34
281	IRAK-M Deficiency Promotes the Development of Type 1 Diabetes in NOD Mice. <i>Diabetes</i> , 2014, 63, 2761-2775.	0.3	22
282	Nucleosome loss facilitates the chemotactic response of macrophages. <i>Journal of Internal Medicine</i> , 2014, 276, 454-469.	2.7	24
283	The Mononuclear Phagocyte System in Homeostasis and Disease: A Role for Heme Oxygenase-1. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 1770-1788.	2.5	59
284	Autophagy and Non-Alcoholic Fatty Liver Disease. <i>BioMed Research International</i> , 2014, 2014, 1-13.	0.9	108
285	The First Trimester Gravid Serum Regulates Procalcitonin Expression in Human Macrophages Skewing Their Phenotype In Vitro. <i>Mediators of Inflammation</i> , 2014, 2014, 1-10.	1.4	14
286	From Monocytes to M1/M2 Macrophages: Phenotypical vs. Functional Differentiation. <i>Frontiers in Immunology</i> , 2014, 5, 514.	2.2	1,499
287	Metabolism via Arginase or Nitric Oxide Synthase: Two Competing Arginine Pathways in Macrophages. <i>Frontiers in Immunology</i> , 2014, 5, 532.	2.2	868
288	Cot/tpl2 participates in the activation of macrophages by adiponectin. <i>Journal of Leukocyte Biology</i> , 2014, 95, 917-930.	1.5	13
289	Cholesterol Oxidase Binds TLR2 and Modulates Functional Responses of Human Macrophages. <i>Mediators of Inflammation</i> , 2014, 2014, 1-13.	1.4	7
290	Perinatal Hypoxia-Ischemia Reduces $\alpha 7$ Nicotinic Receptor Expression and Selective $\alpha 7$ Nicotinic Receptor Stimulation Suppresses Inflammation and Promotes Microglial Mox Phenotype. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	33
291	Oncogene-Induced Senescence as a New Mechanism of Disease: The Paradigm of Erdheim-Chester Disease. <i>Frontiers in Immunology</i> , 2014, 5, 281.	2.2	40

#	ARTICLE	IF	CITATIONS
292	Ron receptor signaling is protective against DSS-induced colitis in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, G1065-G1074.	1.6	13
293	Immune Escape Mechanisms in Colorectal Cancer Pathogenesis and Liver Metastasis. <i>Journal of Immunology Research</i> , 2014, 2014, 1-11.	0.9	86
294	The Role of Macrophage Polarization in Infectious and Inflammatory Diseases. <i>Molecules and Cells</i> , 2014, 37, 275-285.	1.0	294
295	Induction of Wnt-Inducible Signaling Protein-1 Correlates with Invasive Breast Cancer Oncogenesis and Reduced Type 1 Cell-Mediated Cytotoxic Immunity: A Retrospective Study. <i>PLoS Computational Biology</i> , 2014, 10, e1003409.	1.5	43
296	IL-1 β and TNF α Promote Monocyte Viability through the Induction of GM-CSF Expression by Rheumatoid Arthritis Synovial Fibroblasts. <i>Mediators of Inflammation</i> , 2014, 2014, 1-10.	1.4	48
297	Oncolytic Viruses as Anticancer Vaccines. <i>Frontiers in Oncology</i> , 2014, 4, 188.	1.3	65
298	Switching Off Key Signaling Survival Molecules to Switch On the Resolution of Inflammation. <i>Mediators of Inflammation</i> , 2014, 2014, 1-11.	1.4	25
299	Hepatitis B Virus Infection and Immunopathogenesis in a Humanized Mouse Model: Induction of Human-Specific Liver Fibrosis and M2-Like Macrophages. <i>PLoS Pathogens</i> , 2014, 10, e1004032.	2.1	191
300	Th1/Th2 Paradigm Extended: Macrophage Polarization as an Unappreciated Pathogen-Driven Escape Mechanism?. <i>Frontiers in Immunology</i> , 2014, 5, 603.	2.2	256
301	HCMV Reprogramming of Infected Monocyte Survival and Differentiation: A Goldilocks Phenomenon. <i>Viruses</i> , 2014, 6, 782-807.	1.5	80
302	Tumor cells hijack macrophages via lactic acid. <i>Immunology and Cell Biology</i> , 2014, 92, 647-649.	1.0	32
303	SOCS Proteins in Macrophage Polarization and Function. <i>Frontiers in Immunology</i> , 2014, 5, 357.	2.2	127
304	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
305	Combinations of Immunotherapy and Radiation in Cancer Therapy. <i>Frontiers in Oncology</i> , 2014, 4, 325.	1.3	205
306	Monocytic cell differentiation from band-stage neutrophils under inflammatory conditions via MKK6 activation. <i>Blood</i> , 2014, 124, 2713-2724.	0.6	40
307	Macrophage Plasticity in Skeletal Muscle Repair. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	162
308	Myeloid Colony-Stimulating Factors as Regulators of Macrophage Polarization. <i>Frontiers in Immunology</i> , 2014, 5, 554.	2.2	160
309	Tumor-Associated Macrophages as Major Players in the Tumor Microenvironment. <i>Cancers</i> , 2014, 6, 1670-1690.	1.7	1,223

#	ARTICLE	IF	CITATIONS
310	TRPM7 channels regulate proliferation and polarisation of macrophages. <i>Journal of Cell Science</i> , 2014, 127, 4561-6.	1.2	67
311	Mixed polarization phenotype of ascites-associated macrophages in human ovarian carcinoma: Correlation of CD163 expression, cytokine levels and early relapse. <i>International Journal of Cancer</i> , 2014, 134, 32-42.	2.3	210
312	Nonclassical Ly6C ^{hi} Monocytes Drive the Development of Inflammatory Arthritis in Mice. <i>Cell Reports</i> , 2014, 9, 591-604.	2.9	270
313	Macrophages are sensors and effectors coordinating skin damage and repair. <i>JDDG - Journal of the German Society of Dermatology</i> , 2014, 12, 214-221.	0.4	52
315	Inhibition of MYC in macrophages: tumor vs inflammation-related diseases. <i>Oncolmmunology</i> , 2014, 3, e956013.	2.1	5
316	Fc gamma receptor-TLR cross-talk elicits pro-inflammatory cytokine production by human M2 macrophages. <i>Nature Communications</i> , 2014, 5, 5444.	5.8	139
317	IgG4 can induce an M2-like phenotype in human monocyte-derived macrophages through FcγRI. <i>MABs</i> , 2014, 6, 1377-1384.	2.6	24
318	Targeting monocyte and macrophage subpopulations for immunotherapy: a patent review (2009–2013). <i>Expert Opinion on Therapeutic Patents</i> , 2014, 24, 779-790.	2.4	8
319	Inhibition of Fucosylation Reshapes Inflammatory Macrophages and Suppresses Type II Collagen-Induced Arthritis. <i>Arthritis and Rheumatology</i> , 2014, 66, 2368-2379.	2.9	60
320	Interruption of Macrophage-Derived IL-27(p28) Production by IL-10 during Sepsis Requires STAT3 but Not SOCS3. <i>Journal of Immunology</i> , 2014, 193, 5668-5677.	0.4	42
321	NOX2 protects against progressive lung injury and multiple organ dysfunction syndrome. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 307, L71-L82.	1.3	23
322	Brief Report: Granulocyte-Macrophage Colony-Stimulating Factor Drives Monosodium Urate Monohydrate Crystal-Induced Inflammatory Macrophage Differentiation and NLRP3 Inflammasome Up-Regulation in an In Vivo Mouse Model. <i>Arthritis and Rheumatology</i> , 2014, 66, 2423-2428.	2.9	25
323	Fracture Healing via Periosteal Callus Formation Requires Macrophages for Both Initiation and Progression of Early Endochondral Ossification. <i>American Journal of Pathology</i> , 2014, 184, 3192-3204.	1.9	240
324	Soluble Interleukin-6 Receptor Levels and Risk of Dementia: One More Signpost on a Long Road Ahead. <i>Journal of the American Geriatrics Society</i> , 2014, 62, 772-774.	1.3	4
325	Monocytes from Metabolic Syndrome Subjects Exhibit a Proinflammatory M1 Phenotype. <i>Metabolic Syndrome and Related Disorders</i> , 2014, 12, 362-366.	0.5	9
326	Structure and Function of Renal Macrophages and Dendritic Cells From Lupus-Prone Mice. <i>Arthritis and Rheumatology</i> , 2014, 66, 1596-1607.	2.9	58
327	Control of macrophage 3D migration: a therapeutic challenge to limit tissue infiltration. <i>Immunological Reviews</i> , 2014, 262, 216-231.	2.8	52
328	Transcriptomic analysis of mononuclear phagocyte differentiation and activation. <i>Immunological Reviews</i> , 2014, 262, 74-84.	2.8	62

#	ARTICLE	IF	CITATIONS
329	Inflammation revisited: inflammation versus resolution of inflammation following myocardial infarction. <i>Basic Research in Cardiology</i> , 2014, 109, 444.	2.5	154
330	Pristane-Induced Granulocyte Recruitment Promotes Phenotypic Conversion of Macrophages and Protects against Diffuse Pulmonary Hemorrhage in Mac-1 Deficiency. <i>Journal of Immunology</i> , 2014, 193, 5129-5139.	0.4	23
331	An Endotoxin Tolerance Signature Predicts Sepsis and Organ Dysfunction at Initial Clinical Presentation. <i>EBioMedicine</i> , 2014, 1, 64-71.	2.7	140
332	IL-34 and macrophage colony-stimulating factor are overexpressed in hepatitis C virus fibrosis and induce profibrotic macrophages that promote collagen synthesis by hepatic stellate cells. <i>Hepatology</i> , 2014, 60, 1879-1890.	3.6	107
333	CSF1 overexpression has pleiotropic effects on microglia <i>in vivo</i> . <i>Glia</i> , 2014, 62, 1955-1967.	2.5	59
334	CXCR3 deficiency enhances tumor progression by promoting macrophage M2 polarization in a murine breast cancer model. <i>Immunology</i> , 2014, 143, 109-119.	2.0	69
335	Antitumor effect of nuclear factor- κ B decoy transfer by mannose-modified bubble lipoplex into macrophages in mouse malignant ascites. <i>Cancer Science</i> , 2014, 105, 1049-1055.	1.7	15
336	G-Protein-Coupled Bile Acid Receptor 1 (GPBAR1, TGR5) Agonists Reduce the Production of Proinflammatory Cytokines and Stabilize the Alternative Macrophage Phenotype. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 10343-10354.	2.9	72
337	Therapy of Peritoneally Disseminated Colon Cancer by TAP-Deficient Embryonic Stem Cell-Derived Macrophages in Allogeneic Recipients. <i>Journal of Immunology</i> , 2014, 193, 2024-2033.	0.4	13
338	The role of CUX1 in antagonizing NF- κ B signaling in TAMs. <i>Oncotarget</i> , 2014, 3, e28270.	2.1	6
339	The significance of macrophage phenotype in cancer and biomaterials. <i>Clinical and Translational Medicine</i> , 2014, 3, 62.	1.7	23
340	Mesenchymal stromal cells to promote kidney transplantation tolerance. <i>Current Opinion in Organ Transplantation</i> , 2014, 19, 47-53.	0.8	30
341	Molecular Analysis of Curcumin-induced Polarization of Murine RAW264.7 Macrophages. <i>Journal of Cardiovascular Pharmacology</i> , 2014, 63, 544-552.	0.8	46
342	Crosstalk between mesenchymal stem cells and macrophages in tissue repair. <i>Tissue Engineering and Regenerative Medicine</i> , 2014, 11, 431-438.	1.6	47
343	Mechanisms and Consequences of Injury and Repair in Older Organ Transplants. <i>Transplantation</i> , 2014, 97, 1091-1099.	0.5	35
344	Tumor-stroma crosstalk. <i>Current Opinion in Oncology</i> , 2014, 26, 551-555.	1.1	46
345	The Role of Macrophages and Dendritic Cells in the Initiation of Inflammation in IBD. <i>Inflammatory Bowel Diseases</i> , 2014, 20, 166-175.	0.9	197
346	Insulin Influences Autophagy Response Distinctively in Macrophages of Different Compartments. <i>Cellular Physiology and Biochemistry</i> , 2014, 34, 2017-2026.	1.1	12

#	ARTICLE	IF	CITATIONS
347	Isolation of Human Monocytes by Double Gradient Centrifugation and Their Differentiation to Macrophages in Teflon-coated Cell Culture Bags. <i>Journal of Visualized Experiments</i> , 2014, , e51554.	0.2	69
348	Macrophages modulate adult zebrafish tail fin regeneration. <i>Development (Cambridge)</i> , 2014, 141, 2581-2591.	1.2	320
349	Yolk-sac-derived macrophages regulate fetal testis vascularization and morphogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E2384-93.	3.3	155
350	Alternatively activated macrophages as therapeutic agents for kidney disease: in vivo stability is a key factor. <i>Kidney International</i> , 2014, 85, 730-733.	2.6	23
351	Alveolar Macrophage Polarisation in Lung Cancer. <i>Lung Cancer International</i> , 2014, 2014, 1-9.	1.2	25
352	Role of Innate Immune Response in Non-Alcoholic Fatty Liver Disease: Metabolic Complications and Therapeutic Tools. <i>Frontiers in Immunology</i> , 2014, 5, 177.	2.2	116
353	Regulation of Macrophage Polarization by RON Receptor Tyrosine Kinase Signaling. <i>Frontiers in Immunology</i> , 2014, 5, 546.	2.2	25
354	Molecular Mechanisms That Influence the Macrophage M1-M2 Polarization Balance. <i>Frontiers in Immunology</i> , 2014, 5, 614.	2.2	1,405
355	Human Cytolytic Fusion Proteins: Modified Versions of Human Granzyme B and Angiogenin Have the Potential to Replace Bacterial Toxins in Targeted Therapies against CD64+ Diseases. <i>Antibodies</i> , 2014, 3, 92-115.	1.2	7
356	Mechanisms Driving Macrophage Diversity and Specialization in Distinct Tumor Microenvironments and Parallelisms with Other Tissues. <i>Frontiers in Immunology</i> , 2014, 5, 127.	2.2	162
357	Functions of Arginase Isoforms in Macrophage Inflammatory Responses: Impact on Cardiovascular Diseases and Metabolic Disorders. <i>Frontiers in Immunology</i> , 2014, 5, 533.	2.2	200
358	In Vivo Downregulation of Innate and Adaptive Immune Responses in Corneal Allograft Rejection by HC-HA/PTX3 Complex Purified From Amniotic Membrane. , 2014, 55, 1647.		43
359	Linking Immunity, Epigenetics, and Cancer in Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2014, 20, 1638-1654.	0.9	46
360	Macrophages: Supportive cells for tissue repair and regeneration. <i>Immunobiology</i> , 2014, 219, 172-178.	0.8	246
361	Reprogramming macrophages to an anti-inflammatory phenotype by helminth antigens reduces murine atherosclerosis. <i>FASEB Journal</i> , 2014, 28, 288-299.	0.2	69
362	Islet Microenvironment, Modulated by Vascular Endothelial Growth Factor-A Signaling, Promotes β Cell Regeneration. <i>Cell Metabolism</i> , 2014, 19, 498-511.	7.2	177
363	Pentamethoxyflavone regulates macrophage polarization and ameliorates sepsis in mice. <i>Biochemical Pharmacology</i> , 2014, 89, 109-118.	2.0	42
364	Comparison of chosen activation markers of human monocytes/macrophages isolated from the peripheral blood of young and elderly volunteers. <i>Pharmacological Reports</i> , 2014, 66, 759-765.	1.5	18

#	ARTICLE	IF	CITATIONS
365	Folate receptor-targeted aminopterin therapy is highly effective and specific in experimental models of autoimmune uveitis and autoimmune encephalomyelitis. <i>Clinical Immunology</i> , 2014, 150, 64-77.	1.4	19
366	The Thyroid Hormone Triiodothyronine Controls Macrophage Maturation and Functions. <i>American Journal of Pathology</i> , 2014, 184, 230-247.	1.9	104
367	A lipidomic perspective on inflammatory macrophage eicosanoid signaling. <i>Advances in Biological Regulation</i> , 2014, 54, 99-110.	1.4	55
368	Pro-inflammatory/Th1 gene expression shift in high glucose stimulated mesangial cells and tubular epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 969-974.	1.0	13
369	M2 Kupffer cells promote M1 Kupffer cell apoptosis: A protective mechanism against alcoholic and nonalcoholic fatty liver disease. <i>Hepatology</i> , 2014, 59, 130-142.	3.6	450
370	Cells of the Immune System Orchestrate Changes in Bone Cell Function. <i>Calcified Tissue International</i> , 2014, 94, 98-111.	1.5	25
371	From proliferation to proliferation: monocyte lineage comes full circle. <i>Seminars in Immunopathology</i> , 2014, 36, 137-148.	2.8	48
372	Macrophage-mediated glucolipotoxicity via myeloid-related protein 8/toll-like receptor 4 signaling in diabetic nephropathy. <i>Clinical and Experimental Nephrology</i> , 2014, 18, 584-592.	0.7	21
373	A reappraisal of the role of circulating (progenitor) cells in the pathobiology of diabetic complications. <i>Diabetologia</i> , 2014, 57, 4-15.	2.9	66
374	Regulation of Macrophage Biology by Lithium: A New Look at an Old Drug. <i>Journal of NeuroImmune Pharmacology</i> , 2014, 9, 277-284.	2.1	15
375	Primary Human Macrophages Serve as Vehicles for Vaccinia Virus Replication and Dissemination. <i>Journal of Virology</i> , 2014, 88, 6819-6831.	1.5	25
376	Development and function of human innate immune cells in a humanized mouse model. <i>Nature Biotechnology</i> , 2014, 32, 364-372.	9.4	629
377	The role of indoleamine 2,3-dioxygenase (IDO) in immune tolerance: Focus on macrophage polarization of THP-1 cells. <i>Cellular Immunology</i> , 2014, 289, 42-48.	1.4	159
378	Maternal immune activation leads to activated inflammatory macrophages in offspring. <i>Brain, Behavior, and Immunity</i> , 2014, 38, 220-226.	2.0	89
379	Transcriptional switching in macrophages associated with the peritoneal foreign body response. <i>Immunology and Cell Biology</i> , 2014, 92, 518-526.	1.0	40
380	Mechanisms of Liver Injury in Non-Alcoholic Steatohepatitis. <i>Current Hepatology Reports</i> , 2014, 13, 119-129.	0.4	37
381	Heterogeneity among septic shock patients in a set of immunoregulatory markers. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2014, 33, 313-324.	1.3	15
382	Growth hormone (GH) differentially regulates NF- κ B activity in preadipocytes and macrophages: implications for GH's role in adipose tissue homeostasis in obesity. <i>Journal of Physiology and Biochemistry</i> , 2014, 70, 433-440.	1.3	14

#	ARTICLE	IF	CITATIONS
383	Bidirectional tuning of microglia in the developing brain: from neurogenesis to neural circuit formation. <i>Current Opinion in Neurobiology</i> , 2014, 27, 8-15.	2.0	43
384	Proresolving Lipid Mediators and Mechanisms in the Resolution of Acute Inflammation. <i>Immunity</i> , 2014, 40, 315-327.	6.6	666
385	Emerging roles for platelets as immune and inflammatory cells. <i>Blood</i> , 2014, 123, 2759-2767.	0.6	551
386	Macrophage plasticity and polarization in liver homeostasis and pathology. <i>Hepatology</i> , 2014, 59, 2034-2042.	3.6	359
387	The dynamic lives of macrophage and dendritic cell subsets in atherosclerosis. <i>Annals of the New York Academy of Sciences</i> , 2014, 1319, 19-37.	1.8	20
388	Human OX40 tunes the function of regulatory T cells in tumor and nontumor areas of hepatitis C virus-infected liver tissue. <i>Hepatology</i> , 2014, 60, 1494-1507.	3.6	70
389	Cellular Injury and Apoptosis. , 2014, , 245-256.		0
390	Immune system modulation of kidney regeneration mechanisms and implications. <i>Nature Reviews Nephrology</i> , 2014, 10, 347-358.	4.1	48
391	Inflammatory responses following intramuscular and subcutaneous immunization with aluminum-adjuvanted or non-adjuvanted vaccines. <i>Vaccine</i> , 2014, 32, 3393-3401.	1.7	35
392	The cellular and molecular origin of tumor-associated macrophages. <i>Science</i> , 2014, 344, 921-925.	6.0	1,071
393	Macrophage-derived reactive oxygen species suppress miR-328 targeting CD44 in cancer cells and promote redox adaptation. <i>Carcinogenesis</i> , 2014, 35, 1003-1011.	1.3	74
394	M-CSF Inhibits Anti-HIV-1 Activity of IL-32, but They Enhance M2-like Phenotypes of Macrophages. <i>Journal of Immunology</i> , 2014, 192, 5083-5089.	0.4	23
395	The TLR and IL-1 signalling network at a glance. <i>Journal of Cell Science</i> , 2014, 127, 2383-90.	1.2	132
396	Pathophysiologic mechanisms in septic shock. <i>Laboratory Investigation</i> , 2014, 94, 4-12.	1.7	83
397	Imaging macrophages with nanoparticles. <i>Nature Materials</i> , 2014, 13, 125-138.	13.3	698
398	Chronic Exposure to Glucocorticoids Shapes Gene Expression and Modulates Innate and Adaptive Activation Pathways in Macrophages with Distinct Changes in Leukocyte Attraction. <i>Journal of Immunology</i> , 2014, 192, 1196-1208.	0.4	78
399	Secretory leukocyte protease inhibitor: A pivotal mediator of anti-inflammatory responses in acetaminophen-induced acute liver failure. <i>Hepatology</i> , 2014, 59, 1564-1576.	3.6	80
400	Granulocyte macrophage colony-stimulating factor: not just another haematopoietic growth factor. <i>Medical Oncology</i> , 2014, 31, 774.	1.2	97

#	ARTICLE	IF	CITATIONS
401	Polarization of the Innate Immune Response by Prostaglandin E ₂ : A Puzzle of Receptors and Signals. <i>Molecular Pharmacology</i> , 2014, 85, 187-197.	1.0	76
402	The chemokine system, and its CCR5 and CXCR4 receptors, as potential targets for personalized therapy in cancer. <i>Cancer Letters</i> , 2014, 352, 36-53.	3.2	124
403	Antineuroinflammatory effects of lycopene via activation of adenosine monophosphate-activated protein kinase-1/heme oxygenase-1 pathways. <i>Neurobiology of Aging</i> , 2014, 35, 191-202.	1.5	88
404	Extracellular Adenosine Triphosphate Affects the Response of Human Macrophages Infected With <i>Mycobacterium tuberculosis</i> . <i>Journal of Infectious Diseases</i> , 2014, 210, 824-833.	1.9	18
405	Failed renoprotection by alternatively activated bone marrow macrophages is due to a proliferation-dependent phenotype switch in vivo. <i>Kidney International</i> , 2014, 85, 794-806.	2.6	56
406	ITCH Deficiency Protects From Diet-Induced Obesity. <i>Diabetes</i> , 2014, 63, 550-561.	0.3	24
407	Tumor-associated macrophages: Co-conspirators and orchestrators of immune suppression in endometrial adenocarcinoma. <i>Gynecologic Oncology</i> , 2014, 135, 173-175.	0.6	13
408	Metastasis review: from bench to bedside. <i>Tumor Biology</i> , 2014, 35, 8483-8523.	0.8	126
409	Toll-like receptors expressed on embryonic macrophages couple inflammatory signals to iron metabolism during early ontogenesis. <i>European Journal of Immunology</i> , 2014, 44, 1491-1502.	1.6	11
410	CCL2-Dependent Macrophage Recruitment Is Critical for Mineralocorticoid Receptor-Mediated Cardiac Fibrosis, Inflammation, and Blood Pressure Responses in Male Mice. <i>Endocrinology</i> , 2014, 155, 1057-1066.	1.4	42
411	Monocyte homeostasis and the plasticity of inflammatory monocytes. <i>Cellular Immunology</i> , 2014, 291, 22-31.	1.4	98
412	Isoflavone supplement composition and equol producer status affect gene expression in adipose tissue: a double-blind, randomized, placebo-controlled crossover trial in postmenopausal women. <i>American Journal of Clinical Nutrition</i> , 2014, 100, 1269-1277.	2.2	38
413	Granulomas are a source of interleukin-33 expression in pulmonary and extrapulmonary sarcoidosis. <i>Human Pathology</i> , 2014, 45, 2202-2210.	1.1	16
414	Activated Macrophages Create Lineage-Specific Microenvironments for Pancreatic Acinar- and β -Cell Regeneration in Mice. <i>Gastroenterology</i> , 2014, 147, 1106-1118.e11.	0.6	87
415	Myeloid cell dysfunction and the pathogenesis of the diabetic chronic wound. <i>Seminars in Immunology</i> , 2014, 26, 341-353.	2.7	76
416	Evolution of immune pathways in regeneration and repair: Recent concepts and translational perspectives. <i>Seminars in Immunology</i> , 2014, 26, 275-276.	2.7	9
417	Inflammatory monocytes promote progression of Duchenne muscular dystrophy and can be therapeutically targeted via CCR2. <i>EMBO Molecular Medicine</i> , 2014, 6, 1476-1492.	3.3	106
418	Inflammation-Induced Chemokine Expression in Uveal Melanoma Cell Lines Stimulates Monocyte Chemotaxis. <i>Investigative Ophthalmology and Visual Science</i> , 2014, 55, 5169.		28

#	ARTICLE	IF	CITATIONS
419	Lithium Chloride Induces TNF α in Mouse Macrophages Via MEK α -ERK α -Dependent Pathway. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 71-80.	1.2	16
420	Human monocytes respond to extracellular cAMP through A2A and A2B adenosine receptors. <i>Journal of Leukocyte Biology</i> , 2014, 96, 113-122.	1.5	43
421	Heme oxygenase-1 and anti-inflammatory M2 macrophages. <i>Archives of Biochemistry and Biophysics</i> , 2014, 564, 83-88.	1.4	292
422	Macrophage phenotype in the subclinical gut inflammation of patients with ankylosing spondylitis. <i>Rheumatology</i> , 2014, 53, 104-113.	0.9	44
423	The chemokine CCL5 induces selective migration of bovine classical monocytes and drives their differentiation into LPS-hyporesponsive macrophages in vitro. <i>Developmental and Comparative Immunology</i> , 2014, 47, 169-177.	1.0	22
424	Roles for Chemokines in Liver Disease. <i>Gastroenterology</i> , 2014, 147, 577-594.e1.	0.6	634
425	Theaflavin-3, 3 α -digallate, a black tea polyphenol, attenuates adipocyte-activated inflammatory response of macrophage associated with the switch of M1/M2-like phenotype. <i>Journal of Functional Foods</i> , 2014, 11, 36-48.	1.6	30
426	The Carcinoma-Associated Fibroblast Expressing Fibroblast Activation Protein and Escape from Immune Surveillance. <i>Cancer Immunology Research</i> , 2014, 2, 187-193.	1.6	223
427	Immunosenescence in monocytes, macrophages, and dendritic cells: Lessons learned from the lung and heart. <i>Immunology Letters</i> , 2014, 162, 290-297.	1.1	63
428	Epigenetic programming of monocyte-to-macrophage differentiation and trained innate immunity. <i>Science</i> , 2014, 345, 1251086.	6.0	1,338
429	RAGE Regulates the Metabolic and Inflammatory Response to High-Fat Feeding in Mice. <i>Diabetes</i> , 2014, 63, 1948-1965.	0.3	168
430	IL-10 Function, Regulation, and in Bacterial Keratitis. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2014, 30, 373-380.	0.6	34
431	Functional significance of mononuclear phagocyte populations generated through adult hematopoiesis. <i>Journal of Leukocyte Biology</i> , 2014, 96, 969-980.	1.5	22
432	Metabolic Dysfunction Drives a Mechanistically Distinct Proinflammatory Phenotype in Adipose Tissue Macrophages. <i>Cell Metabolism</i> , 2014, 20, 614-625.	7.2	605
433	Toll-like receptor 2-mediated alternative activation of microglia is protective after spinal cord injury. <i>Brain</i> , 2014, 137, 707-723.	3.7	92
434	Modulation of TNF-Induced Macrophage Polarization by Synovial Fibroblasts. <i>Journal of Immunology</i> , 2014, 193, 2373-2383.	0.4	94
435	Impact of myeloid cells on the efficacy of anticancer chemotherapy. <i>Current Opinion in Immunology</i> , 2014, 30, 24-31.	2.4	35
436	Mouse bone marrow-derived mesenchymal stem cells induce macrophage M2 polarization through the nuclear factor- κ B and signal transducer and activator of transcription 3 pathways. <i>Experimental Biology and Medicine</i> , 2014, 239, 366-375.	1.1	111

#	ARTICLE	IF	CITATIONS
437	Cytokine pathways regulating glial and leukocyte function after spinal cord and peripheral nerve injury. <i>Experimental Neurology</i> , 2014, 258, 62-77.	2.0	97
438	Combining tissue repair and tissue engineering; bioactivating implantable cell-free vascular scaffolds. <i>Heart</i> , 2014, 100, 1825-1830.	1.2	39
439	Clinical significance of macrophage heterogeneity in human malignant tumors. <i>Cancer Science</i> , 2014, 105, 1-8.	1.7	425
440	Tumor-Associated Macrophages: From Mechanisms to Therapy. <i>Immunity</i> , 2014, 41, 49-61.	6.6	3,060
441	Neuroimmune regulation of microglial activity involved in neuroinflammation and neurodegenerative diseases. <i>Journal of Neuroimmunology</i> , 2014, 274, 1-13.	1.1	283
442	Fat Metaplasia and Backfill Are Key Intermediaries in the Development of Sacroiliac Joint Ankylosis in Patients With Ankylosing Spondylitis. <i>Arthritis and Rheumatology</i> , 2014, 66, 2958-2967.	2.9	117
443	Classical versus alternative macrophage activation: the Ying and the Yang in host defense against pulmonary fungal infections. <i>Mucosal Immunology</i> , 2014, 7, 1023-1035.	2.7	135
444	Diverse macrophage populations mediate acute lung inflammation and resolution. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 306, L709-L725.	1.3	456
445	Enhancement of CD147 on M1 macrophages induces differentiation of Th17 cells in the lung interstitial fibrosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1770-1782.	1.8	17
446	The Use of Antioxidants in Radiotherapy-Induced Skin Toxicity. <i>Integrative Cancer Therapies</i> , 2014, 13, 38-45.	0.8	32
447	Pharmacological modulation of monocytes and macrophages. <i>Current Opinion in Pharmacology</i> , 2014, 17, 38-44.	1.7	48
448	Combined Targeting of Costimulatory (OX40) and Coinhibitory (CTLA-4) Pathways Elicits Potent Effector T Cells Capable of Driving Robust Antitumor Immunity. <i>Cancer Immunology Research</i> , 2014, 2, 142-153.	1.6	131
449	TGF β ² in T cell biology and tumor immunity: Angel or devil?. <i>Cytokine and Growth Factor Reviews</i> , 2014, 25, 423-435.	3.2	81
450	Manipulation of the Mononuclear Phagocyte System by Mycobacterium tuberculosis. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2014, 4, a018549-a018549.	2.9	31
451	TSC1 controls macrophage polarization to prevent inflammatory disease. <i>Nature Communications</i> , 2014, 5, 4696.	5.8	240
452	Inflammation and Immunity in the Pathogenesis of Pulmonary Arterial Hypertension. <i>Circulation Research</i> , 2014, 115, 165-175.	2.0	708
453	Delineating the roles of neutrophils and macrophages in zebrafish regeneration models. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 56, 92-106.	1.2	76
454	Glucocorticoid receptor coordinates transcription factor-dominated regulatory network in macrophages. <i>BMC Genomics</i> , 2014, 15, 656.	1.2	73

#	ARTICLE	IF	CITATIONS
455	Increased malignancy of oral squamous cell carcinomas (oscc) is associated with macrophage polarization in regional lymph nodes – an immunohistochemical study. <i>BMC Cancer</i> , 2014, 14, 522.	1.1	46
456	Neuroinflammation and M2 microglia: the good, the bad, and the inflamed. <i>Journal of Neuroinflammation</i> , 2014, 11, 98.	3.1	1,285
457	A Novel Non-agonist Peroxisome Proliferator-activated Receptor β (PPAR β) Ligand UHC1 Blocks PPAR β Phosphorylation by Cyclin-dependent Kinase 5 (CDK5) and Improves Insulin Sensitivity. <i>Journal of Biological Chemistry</i> , 2014, 289, 26618-26629.	1.6	81
458	Fasudil regulates T cell responses through polarization of BV-2 cells in mice experimental autoimmune encephalomyelitis. <i>Acta Pharmacologica Sinica</i> , 2014, 35, 1428-1438.	2.8	23
459	The influence of ezetimibe on classical and alternative activation pathways of monocytes/macrophages isolated from patients with hypercholesterolemia. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2014, 387, 733-742.	1.4	5
460	Septicaemia models using <i>Streptococcus pneumoniae</i> and <i>Listeria monocytogenes</i> : understanding the role of complement properdin. <i>Medical Microbiology and Immunology</i> , 2014, 203, 257-271.	2.6	15
461	Interaction between gastric cancer stem cells and the tumor microenvironment. <i>Journal of Gastroenterology</i> , 2014, 49, 1111-1120.	2.3	37
462	Novel antitumor mechanisms of curcumin: implication of altered tumor metabolism, reconstituted tumor microenvironment and augmented myelopoiesis. <i>Phytochemistry Reviews</i> , 2014, 13, 717-724.	3.1	22
463	Parasitic antigens alter macrophage polarization during <i>Schistosoma japonicum</i> infection in mice. <i>Parasites and Vectors</i> , 2014, 7, 122.	1.0	56
464	Interleukin-10 attenuation of collagen-induced arthritis is associated with suppression of interleukin-17 and retinoid-related orphan receptor β production in macrophages and repression of classically activated macrophages. <i>Arthritis Research and Therapy</i> , 2014, 16, R96.	1.6	54
465	Prognostic Value of Diametrically Polarized Tumor-Associated Macrophages in Renal Cell Carcinoma. <i>Annals of Surgical Oncology</i> , 2014, 21, 3142-3150.	0.7	98
466	Next-generation sequencing of microRNAs uncovers expression signatures in polarized macrophages. <i>Physiological Genomics</i> , 2014, 46, 91-103.	1.0	89
467	Kruppel-like Transcription Factor 6 Regulates Inflammatory Macrophage Polarization. <i>Journal of Biological Chemistry</i> , 2014, 289, 10318-10329.	1.6	155
468	Bone Marrow Mesenchymal Stromal Cells Drive Protective M2 Microglia Polarization After Brain Trauma. <i>Neurotherapeutics</i> , 2014, 11, 679-695.	2.1	140
469	Protein kinase networks that limit TLR signalling. <i>Biochemical Society Transactions</i> , 2014, 42, 11-24.	1.6	20
470	The tumour microenvironment in B cell lymphomas. <i>Nature Reviews Cancer</i> , 2014, 14, 517-534.	12.8	417
471	Inhibition of macrophage polarization prohibits growth of human osteosarcoma. <i>Tumor Biology</i> , 2014, 35, 7611-7616.	0.8	30
472	Programmed Death 1 Deficiency Induces the Polarization of Macrophages/Microglia to the M1 Phenotype After Spinal Cord Injury in Mice. <i>Neurotherapeutics</i> , 2014, 11, 636-650.	2.1	105

#	ARTICLE	IF	CITATIONS
473	Doxycycline Inhibits Polarization of Macrophages to the Proangiogenic M2-type and Subsequent Neovascularization. <i>Journal of Biological Chemistry</i> , 2014, 289, 8019-8028.	1.6	71
474	Î²B Kinase Activity Drives Fetal Lung Macrophage Maturation along a Non-M1/M2 Paradigm. <i>Journal of Immunology</i> , 2014, 193, 1184-1193.	0.4	18
475	<i>P. gingivalis</i> lipopolysaccharide intensifies inflammation post-myocardial infarction through matrix metalloproteinase-9. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 76, 218-226.	0.9	41
476	Serum amyloid P: a systemic regulator of the innate immune response. <i>Journal of Leukocyte Biology</i> , 2014, 96, 739-743.	1.5	81
477	Innate Receptors and Cellular Defense against Pulmonary Infections. <i>Journal of Immunology</i> , 2014, 193, 3842-3850.	0.4	34
478	NK-derived IFN-Î³/IL-4 triggers the sexually disparate polarization of macrophages in CVB3-induced myocarditis. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 76, 15-25.	0.9	40
479	Aging Delays Resolution of Acute Inflammation in Mice: Reprogramming the Host Response with Novel Nano-Proresolving Medicines. <i>Journal of Immunology</i> , 2014, 193, 4235-4244.	0.4	131
480	Dendritic cells and macrophages in the kidney: a spectrum of good and evil. <i>Nature Reviews Nephrology</i> , 2014, 10, 625-643.	4.1	161
481	Molecular Cloning and Function Characterization of a New Macrophage-Activating Protein from <i>Tremella fuciformis</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 1526-1535.	2.4	10
482	Changes in macrophage phenotype and induction of epithelialâ€”mesenchymal transition genes following acute Achilles tenotomy and repair. <i>Journal of Orthopaedic Research</i> , 2014, 32, 944-951.	1.2	103
483	Transcriptional regulation and functional characterization of the oxysterol/EBI2 system in primary human macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 663-668.	1.0	68
484	Depletion of M2-Like Tumor-Associated Macrophages Delays Cutaneous T-Cell Lymphoma Development In Vivo. <i>Journal of Investigative Dermatology</i> , 2014, 134, 2814-2822.	0.3	102
485	Characterization of the liver-macrophages isolated from a mixed primary culture of neonatal swine hepatocytes. <i>Results in Immunology</i> , 2014, 4, 1-7.	2.2	15
486	M1- and M2-macrophage polarization in rat liver cirrhosis induced by thioacetamide (TAA), focusing on Iba1 and galectin-3. <i>Experimental and Molecular Pathology</i> , 2014, 96, 382-392.	0.9	65
487	Small oral squamous cell carcinomas with nodal lymphogenic metastasis show increased infiltration of M2 polarized macrophages â€” An immunohistochemical analysis. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014, 42, 1087-1094.	0.7	72
488	Microdialysis sampling techniques applied to studies of the foreign body reaction. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 57, 74-86.	1.9	11
489	Modulation of monocyte/macrophage function: A therapeutic strategy in the treatment of acute liver failure. <i>Journal of Hepatology</i> , 2014, 61, 439-445.	1.8	115
490	Physiological organization of immune response based on the homeostatic mechanism of matrix reprogramming: Implication in tumor and biotechnology. <i>Medical Hypotheses</i> , 2014, 82, 754-765.	0.8	6

#	ARTICLE	IF	CITATIONS
491	Effects of osteogenic medium on healing of the experimental critical bone defect in a rabbit model. <i>Bone</i> , 2014, 63, 53-60.	1.4	31
492	CD68+HLA-DR+ M1-like macrophages promote motility of HCC cells via NF- κ B/FAK pathway. <i>Cancer Letters</i> , 2014, 345, 91-99.	3.2	80
493	Mobilization with granulocyte colony-stimulating factor blocks medullar erythropoiesis by depleting F4/80+VCAM1+CD169+ER-HR3+Ly6G+ erythroid island macrophages in the mouse. <i>Experimental Hematology</i> , 2014, 42, 547-561.e4.	0.2	82
494	Triggering TLR2, -3, -4, -5, and -8 Reinforces the Restrictive Nature of M1- and M2-Polarized Macrophages to HIV. <i>Journal of Virology</i> , 2014, 88, 9769-9781.	1.5	38
495	Macrophages: central regulators of iron balance. <i>Metallomics</i> , 2014, 6, 1336-1345.	1.0	74
496	Immunoresolving actions of oral resolvin D1 include selective regulation of the transcription machinery in resolution \hat{e} phase mouse macrophages. <i>FASEB Journal</i> , 2014, 28, 3090-3102.	0.2	48
497	Role of inflammation in the pathogenesis of heart failure with preserved ejection fraction and its potential as a therapeutic target. <i>Heart Failure Reviews</i> , 2014, 19, 681-694.	1.7	137
498	Cardiac fibroblasts mediate IL-17A \hat{e} driven inflammatory dilated cardiomyopathy. <i>Journal of Experimental Medicine</i> , 2014, 211, 1449-1464.	4.2	141
499	The microtubule-depolymerizing agent ansamitocin P3 programs dendritic cells toward enhanced anti-tumor immunity. <i>Cancer Immunology, Immunotherapy</i> , 2014, 63, 925-938.	2.0	60
500	Dysregulation of the MiR-324-5p-CUEDC2 Axis Leads to Macrophage Dysfunction and Is Associated with Colon Cancer. <i>Cell Reports</i> , 2014, 7, 1982-1993.	2.9	55
501	IKK \hat{I} Promotes Intestinal Tumorigenesis by Limiting Recruitment of M1-like Polarized Myeloid Cells. <i>Cell Reports</i> , 2014, 7, 1914-1925.	2.9	22
502	Infiltrating Monocyte-Derived Macrophages and Resident Kupffer Cells Display Different Ontogeny and Functions in Acute Liver Injury. <i>Journal of Immunology</i> , 2014, 193, 344-353.	0.4	391
503	Low Molecular Weight Hyaluronan Activates Cytosolic Phospholipase A2 \hat{I} and Eicosanoid Production in Monocytes and Macrophages. <i>Journal of Biological Chemistry</i> , 2014, 289, 4470-4488.	1.6	87
504	The acetylome regulators Hdac1 and Hdac2 differently modulate intestinal epithelial cell dependent homeostatic responses in experimental colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, G594-G605.	1.6	55
505	Involvement of monocytes/macrophages as key factors in the development and progression of cardiovascular diseases. <i>Biochemical Journal</i> , 2014, 458, 187-193.	1.7	51
506	Exercise enhances wound healing and prevents cancer progression during aging by targeting macrophage polarity. <i>Mechanisms of Ageing and Development</i> , 2014, 139, 41-48.	2.2	40
507	Tumor Microenvironment and Metabolism in Prostate Cancer. <i>Seminars in Oncology</i> , 2014, 41, 267-280.	0.8	58
508	Adipose tissue plasticity from WAT to BAT and in between. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 358-369.	1.8	166

#	ARTICLE	IF	CITATIONS
509	Cancer immunotherapy: nanodelivery approaches for immune cell targeting and tracking. <i>Frontiers in Chemistry</i> , 2014, 2, 105.	1.8	147
510	Cancer-Associated Fibroblasts as Another Polarized Cell Type of the Tumor Microenvironment. <i>Frontiers in Oncology</i> , 2014, 4, 62.	1.3	363
511	Detection of Fluorescent Nanoparticle Interactions with Primary Immune Cell Subpopulations by Flow Cytometry. <i>Journal of Visualized Experiments</i> , 2014, , .	0.2	7
512	A Global Immune Deficit in Alzheimer's Disease and Mild Cognitive Impairment Disclosed by a Novel Data Mining Process. <i>Journal of Alzheimer's Disease</i> , 2014, 43, 1199-1213.	1.2	17
513	Conditioned media from macrophages of M1, but not M2 phenotype, inhibit the proliferation of the colon cancer cell lines HT-29 and CACO-2. <i>International Journal of Oncology</i> , 2014, 44, 385-392.	1.4	66
515	Arginase activity in alternatively activated macrophages protects PI3Kp110 β deficient mice from dextran sodium sulfate induced intestinal inflammation. <i>European Journal of Immunology</i> , 2014, 44, 3353-3367.	1.6	50
516	Neuroimmunological communication via CGRP promotes the development of a regulatory phenotype in TLR4 α stimulated macrophages. <i>European Journal of Immunology</i> , 2014, 44, 3708-3716.	1.6	53
517	Tyro3, Axl, and Mertk Receptor Signaling in Inflammatory Bowel Disease and Colitis-associated Cancer. <i>Inflammatory Bowel Diseases</i> , 2014, 20, 1472-1480.	0.9	30
518	Lipopolysaccharide modulates neutrophil recruitment and macrophage polarization on lymphatic vessels and impairs lymphatic function in rat mesentery. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H2042-H2057.	1.5	46
519	Adult bone marrow mesenchymal and neural crest stem cells are chemoattractive and accelerate motor recovery in a mouse model of spinal cord injury. <i>Stem Cell Research and Therapy</i> , 2015, 6, 211.	2.4	49
520	Molecular features of macrophage activation. <i>Seminars in Immunology</i> , 2015, 27, 416-423.	2.7	72
521	Pioglitazone regulates myelin phagocytosis and multiple sclerosis monocytes. <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 1071-1084.	1.7	32
522	Effects of Microglia on Neurogenesis. <i>Glia</i> , 2015, 63, 1394-1405.	2.5	144
523	Inflammatory features of pancreatic cancer highlighted by monocytes/macrophages and CD4 ⁺ T cells with clinical impact. <i>Cancer Science</i> , 2015, 106, 672-686.	1.7	61
524	Intercellular interplay between Sirt1 signalling and cell metabolism in immune cell biology. <i>Immunology</i> , 2015, 145, 455-467.	2.0	71
525	Pyroptosis of resident macrophages differentially orchestrates inflammatory responses to <i>Staphylococcus aureus</i> in resistant and susceptible mice. <i>European Journal of Immunology</i> , 2015, 45, 794-806.	1.6	24
526	NBS1 is required for macrophage homeostasis and functional activity in mice. <i>Blood</i> , 2015, 126, 2502-2510.	0.6	37
528	Colony stimulating factor-1 receptor signaling networks inhibit mouse macrophage inflammatory responses by induction of microRNA-21. <i>Blood</i> , 2015, 125, e1-e13.	0.6	120

#	ARTICLE	IF	CITATIONS
529	Intravitreal TSG-6 suppresses laser-induced choroidal neovascularization by inhibiting CCR2+ monocyte recruitment. <i>Scientific Reports</i> , 2015, 5, 11872.	1.6	15
530	Transmembrane protein 106a activates mouse peritoneal macrophages via the MAPK and NF- κ B signaling pathways. <i>Scientific Reports</i> , 2015, 5, 12461.	1.6	18
532	Modulation of Macrophage Functional Polarity towards Anti-Inflammatory Phenotype with Plasmid DNA Delivery in CD44 Targeting Hyaluronic Acid Nanoparticles. <i>Scientific Reports</i> , 2015, 5, 16632.	1.6	96
533	Macrophage Targeted Theranostics as Personalized Nanomedicine Strategies for Inflammatory Diseases. <i>Theranostics</i> , 2015, 5, 150-172.	4.6	131
534	Prognostic and Predictive Significance of Stromal Fibroblasts and Macrophages in Colon Cancer. <i>Biomarkers in Cancer</i> , 2015, 7s1, BIC.S25247.	3.6	9
535	The interaction of human macrophage subsets with silicone as a biomaterial. <i>Clinical Hemorheology and Microcirculation</i> , 2015, 61, 119-133.	0.9	16
536	Angiogenesis and Eye Disease. <i>Annual Review of Vision Science</i> , 2015, 1, 155-184.	2.3	41
537	Immunoregulatory Role of Myeloid-derived Cells in Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 2936-2947.	0.9	17
538	Novel insights into the role of immune cells in skin and inducible skin-associated lymphoid tissue (iSALT). <i>Allergo Journal</i> , 2015, 24, 18-27.	0.1	1
539	Combining radiotherapy and immunotherapy for prostate cancer: two decades of research from preclinical to clinical trials. <i>Journal of Radiation Oncology</i> , 2015, 4, 365-375.	0.7	1
540	Nlrp6 promotes recovery after peripheral nerve injury independently of inflammasomes. <i>Journal of Neuroinflammation</i> , 2015, 12, 143.	3.1	42
541	Up-regulation of A20/ABIN1 contributes to inefficient M1 macrophage polarization during Hepatitis C virus infection. <i>Virology Journal</i> , 2015, 12, 147.	1.4	17
542	α 1 μ induces $CD11b^{low}$ alveolar macrophage proliferation and maturation during granuloma formation. <i>Journal of Pathology</i> , 2015, 235, 698-709.	2.1	46
543	Ovarian cancer stem-like cells elicit the polarization of M2 macrophages. <i>Molecular Medicine Reports</i> , 2015, 11, 4685-4693.	1.1	33
544	Measurement of Bacterial Ingestion and Killing by Macrophages. <i>Current Protocols in Immunology</i> , 2015, 109, 14.6.1-14.6.17.	3.6	27
545	15-Lipoxygenases regulate the production of chemokines in human lung macrophages. <i>British Journal of Pharmacology</i> , 2015, 172, 4319-4330.	2.7	45
546	Regulation of YKL-40 expression by corticosteroids: effect on pro-inflammatory macrophages in vitro and its modulation in COPD in vivo. <i>Respiratory Research</i> , 2015, 16, 154.	1.4	15
547	Meta-analysis of transcriptomic responses as a means to identify pulmonary disease outcomes for engineered nanomaterials. <i>Particle and Fibre Toxicology</i> , 2015, 13, 25.	2.8	48

#	ARTICLE	IF	CITATIONS
548	Mouse aorta-derived mesenchymal progenitor cells contribute to and enhance the immune response of macrophage cells under inflammatory conditions. <i>Stem Cell Research and Therapy</i> , 2015, 6, 56.	2.4	9
549	Metformin affects the features of a human hepatocellular cell line (HepG2) by regulating macrophage polarization in a culture microenvironment. <i>Diabetes/Metabolism Research and Reviews</i> , 2015, 31, 781-789.	1.7	35
550	Oligosaccharide modification by <i>N</i> -acetylglucosaminyltransferase <i>V</i> in macrophages are involved in pathogenesis of bleomycin-induced scleroderma. <i>Experimental Dermatology</i> , 2015, 24, 585-590.	1.4	11
551	The divergent roles of macrophages in solid organ transplantation. <i>Current Opinion in Organ Transplantation</i> , 2015, 20, 446-453.	0.8	68
552	Essential Role of Lysophosphatidylcholine Acyltransferase 3 in the Induction of Macrophage Polarization in PMA-Treated U937 Cells. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 2840-2848.	1.2	42
553	Benzyl isothiocyanate suppresses high-fat diet-stimulated mammary tumor progression via the alteration of tumor microenvironments in obesity-resistant BALB/c mice. <i>Molecular Carcinogenesis</i> , 2015, 54, 72-82.	1.3	22
554	IL-3 synergises with basophil-derived IL-4 and IL-13 to promote the alternative activation of human monocytes. <i>European Journal of Immunology</i> , 2015, 45, 2042-2051.	1.6	37
555	Alternatively activated microglia cultured with BMSCS offers a new strategy in the treatment of CNS-associated disease. <i>Cell Biology International</i> , 2015, 39, 341-349.	1.4	2
556	Modulation of mouse macrophage polarization <i>in vitro</i> using IL-4 delivery by osmotic pumps. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 1339-1345.	2.1	42
557	Halothane Modulates the Type I Interferon Response to Influenza and Minimizes the Risk of Secondary Bacterial Pneumonia through Maintenance of Neutrophil Recruitment in an Animal Model. <i>Anesthesiology</i> , 2015, 123, 590-602.	1.3	11
558	Prolonged Endoplasmic Reticulum-Stressed Hepatocytes Drive an Alternative Macrophage Polarization. <i>Shock</i> , 2015, 44, 44-51.	1.0	17
559	Metformin prevents cancer metastasis by inhibiting M2-like polarization of tumor associated macrophages. <i>Oncotarget</i> , 2015, 6, 36441-36455.	0.8	130
560	Polarization and Repolarization of Macrophages. <i>Journal of Clinical & Cellular Immunology</i> , 2015, 06, .	1.5	29
561	Macrophage Polarization and Its Role in Cancer. <i>Journal of Clinical & Cellular Immunology</i> , 2015, 06, .	1.5	28
562	Interleukin-19 can enhance angiogenesis by Macrophage Polarization. <i>Macrophage</i> , 2015, 2, e562.	1.0	9
563	Macrophage Polarization in Chagas Disease. <i>Journal of Clinical & Cellular Immunology</i> , 2015, 06, .	1.5	20
564	Clinical and Pathological Findings Associated with Aerosol Exposure of Macaques to Ricin Toxin. <i>Toxins</i> , 2015, 7, 2121-2133.	1.5	46
565	Macrophages During the Fibrotic Process: M2 as Friend and Foe. <i>Frontiers in Immunology</i> , 2015, 6, 602.	2.2	321

#	ARTICLE	IF	CITATIONS
566	Characterization of Behaviour and Remote Degeneration Following Thalamic Stroke in the Rat. <i>International Journal of Molecular Sciences</i> , 2015, 16, 13921-13936.	1.8	10
567	Antimicrobial Mechanisms of Macrophages and the Immune Evasion Strategies of <i>Staphylococcus aureus</i> . <i>Pathogens</i> , 2015, 4, 826-868.	1.2	151
568	Time and Demand are Two Critical Dimensions of Immunometabolism: The Process of Macrophage Activation and the Pentose Phosphate Pathway. <i>Frontiers in Immunology</i> , 2015, 6, 164.	2.2	129
569	The Many Alternative Faces of Macrophage Activation. <i>Frontiers in Immunology</i> , 2015, 6, 370.	2.2	281
570	Mechanisms of Microbe-Host Interaction in Crohn's Disease: Dysbiosis vs. Pathobiont Selection. <i>Frontiers in Immunology</i> , 2015, 6, 555.	2.2	83
571	Hormones and immunity in cancer: are thyroid hormones endocrine players in the microglia/glioma cross-talk?. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 236.	1.8	12
572	The Ischemic Environment Drives Microglia and Macrophage Function. <i>Frontiers in Neurology</i> , 2015, 6, 81.	1.1	217
573	Tumor Interstitial Fluid Formation, Characterization, and Clinical Implications. <i>Frontiers in Oncology</i> , 2015, 5, 115.	1.3	76
574	Macrophages Modulate Migration and Invasion of Human Tongue Squamous Cell Carcinoma. <i>PLoS ONE</i> , 2015, 10, e0120895.	1.1	35
575	Chronic Inhibition of PDE5 Limits Pro-Inflammatory Monocyte-Macrophage Polarization in Streptozotocin-Induced Diabetic Mice. <i>PLoS ONE</i> , 2015, 10, e0126580.	1.1	45
576	Novel Markers to Delineate Murine M1 and M2 Macrophages. <i>PLoS ONE</i> , 2015, 10, e0145342.	1.1	788
577	M2 Polarization of Monocytes-Macrophages Is a Hallmark of Indian Post Kala-Azar Dermal Leishmaniasis. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004145.	1.3	66
578	<i>Neisseria gonorrhoeae</i> Modulates Immunity by Polarizing Human Macrophages to a M2 Profile. <i>PLoS ONE</i> , 2015, 10, e0130713.	1.1	34
579	$\gamma\delta$ T Cells Are Required for M2 Macrophage Polarization and Resolution of Ozone-Induced Pulmonary Inflammation in Mice. <i>PLoS ONE</i> , 2015, 10, e0131236.	1.1	27
580	Immune and Inflammatory Cell Composition of Human Lung Cancer Stroma. <i>PLoS ONE</i> , 2015, 10, e0139073.	1.1	101
581	Interferon- β Inhibits Ebola Virus Infection. <i>PLoS Pathogens</i> , 2015, 11, e1005263.	2.1	71
582	New Insights Into Tissue Macrophages: From Their Origin to the Development of Memory. <i>Immune Network</i> , 2015, 15, 167.	1.6	53
583	New perspectives on the molecular basis of the interaction between oxygen homeostasis and iron metabolism. <i>Hypoxia (Auckland, N Z)</i> , 2015, 3, 93.	1.9	11

#	ARTICLE	IF	CITATIONS
584	Regulated Hyaluronan Synthesis by Vascular Cells. <i>International Journal of Cell Biology</i> , 2015, 2015, 1-8.	1.0	22
585	Tumor-Induced Local and Systemic Impact on Blood Vessel Function. <i>Mediators of Inflammation</i> , 2015, 2015, 1-8.	1.4	26
586	Acceleration of Wound Healing by β -gal Nanoparticles Interacting with the Natural Anti-Gal Antibody. <i>Journal of Immunology Research</i> , 2015, 2015, 1-13.	0.9	18
587	Understanding the Mysterious M2 Macrophage through Activation Markers and Effector Mechanisms. <i>Mediators of Inflammation</i> , 2015, 2015, 1-16.	1.4	1,183
588	MiR-146b Mediates Endotoxin Tolerance in Human Phagocytes. <i>Mediators of Inflammation</i> , 2015, 2015, 1-10.	1.4	17
589	Xuebijing Injection Promotes M2 Polarization of Macrophages and Improves Survival Rate in Septic Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-9.	0.5	27
590	Cellular and Molecular Connections between Autophagy and Inflammation. <i>Mediators of Inflammation</i> , 2015, 2015, 1-13.	1.4	129
591	ω -3 PUFAs and Resveratrol Differently Modulate Acute and Chronic Inflammatory Processes. <i>BioMed Research International</i> , 2015, 2015, 1-11.	0.9	18
592	Modulation of Immunity and Inflammation by the Mineralocorticoid Receptor and Aldosterone. <i>BioMed Research International</i> , 2015, 2015, 1-14.	0.9	51
593	Macrophage Heterogeneity and Plasticity: Impact of Macrophage Biomarkers on Atherosclerosis. <i>Scientifica</i> , 2015, 2015, 1-17.	0.6	39
594	<i>In vitro</i> Toxicity and <i>In vivo</i> Immunomodulatory Effects of Flavokawain A and Flavokawain B in Balb/C Mice. <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.2	11
595	The Effects of Macrophage Polarity on Influenza Virus Replication and Innate Immune Responses. <i>Journal of Clinical & Cellular Immunology</i> , 2015, 06, .	1.5	1
596	Down-regulation of IKK β expression in glioma-infiltrating microglia/macrophages is associated with defective inflammatory/immune gene responses in glioblastoma. <i>Oncotarget</i> , 2015, 6, 33077-33090.	0.8	55
597	Macrophages Reprogrammed In Vitro Towards the M1 Phenotype and Activated with LPS Extend Lifespan of Mice with Ehrlich Ascites Carcinoma. <i>Medical Science Monitor Basic Research</i> , 2015, 21, 226-234.	2.6	37
598	Cytokines in systemic juvenile idiopathic arthritis and haemophagocytic lymphohistiocytosis: tipping the balance between interleukin-18 and interferon- β . <i>Rheumatology</i> , 2015, 54, 1507-1517.	0.9	125
599	Th2 Cytokines Augment IL-31/IL-31RA Interactions via STAT6-dependent IL-31RA Expression. <i>Journal of Biological Chemistry</i> , 2015, 290, 13510-13520.	1.6	39
600	Substance P Promotes Wound Healing in Diabetes by Modulating Inflammation and Macrophage Phenotype. <i>American Journal of Pathology</i> , 2015, 185, 1638-1648.	1.9	170
601	Macrophages and galectin 3 play critical roles in CVB3-induced murine acute myocarditis and chronic fibrosis. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 85, 58-70.	0.9	67

#	ARTICLE	IF	CITATIONS
602	Myeloid cell-derived inducible nitric oxide synthase suppresses M1 macrophage polarization. <i>Nature Communications</i> , 2015, 6, 6676.	5.8	162
603	C-reactive protein and inflammation: conformational changes affect function. <i>Biological Chemistry</i> , 2015, 396, 1181-1197.	1.2	222
604	The generation of macrophages with anti-inflammatory activity in the absence of STAT6 signaling. <i>Journal of Leukocyte Biology</i> , 2015, 98, 395-407.	1.5	55
605	Matrix metalloproteinase 12 is produced by M2 macrophages and plays important roles in the development of contact hypersensitivity. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 1397-1400.	1.5	18
606	Myeloid-Derived Suppressor Cells. <i>Advances in Cancer Research</i> , 2015, 128, 95-139.	1.9	419
607	Towards an in vitro model mimicking the foreign body response: tailoring the surface properties of biomaterials to modulate extracellular matrix. <i>Scientific Reports</i> , 2014, 4, 6325.	1.6	74
609	Mesenchymal Stem Cells as Immune Modulators in VCA. <i>Pancreatic Islet Biology</i> , 2015, , 255-275.	0.1	0
610	Inflammatory and Innate Immune Cells in Cancer Microenvironment and Progression. , 2015, , 9-28.		6
611	Inflammatory Dysregulation and Cancer: From Molecular Mechanisms to Therapeutic Opportunities. , 2015, , 375-395.		1
612	Pulmonary Macrophages. , 2015, , 629-649.		7
613	Pulmonary Immunology of Infectious Disease. , 2015, , 581-600.		1
614	Mucosal Macrophages in Defense and Regulation. , 2015, , 543-556.		3
615	Nasal Immunity, Rhinitis, and Rhinosinusitis. , 2015, , 1899-1921.		1
616	Significance of monocyte counts on tumor characteristics and survival outcome of women with endometrial cancer. <i>Gynecologic Oncology</i> , 2015, 138, 332-338.	0.6	35
617	Targeting neoplastic B cells and harnessing microenvironment: the "double face" of ibrutinib and idelalisib. <i>Journal of Hematology and Oncology</i> , 2015, 8, 60.	6.9	49
618	Loss of NADPH Oxidase-Derived Superoxide Skews Macrophage Phenotypes to Delay Type 1 Diabetes. <i>Diabetes</i> , 2015, 64, 937-946.	0.3	80
619	Krüppel-like factor 4 is a transcriptional regulator of M1/M2 macrophage polarization in alcoholic liver disease. <i>Journal of Leukocyte Biology</i> , 2015, 97, 963-973.	1.5	40
620	T Helper 2 Polarization in Senile Erythroderma with Elevated Levels of TARC and IgE. <i>Dermatology</i> , 2015, 230, 62-69.	0.9	14

#	ARTICLE	IF	CITATIONS
621	Complement-Mediated Macrophage Polarization in Perivascular Adipose Tissue Contributes to Vascular Injury in Deoxycorticosterone Acetate-Salt Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 598-606.	1.1	56
622	CD8 ⁺ T Cells Regulate Monopoiesis and Circulating Ly6C ^{high} Monocyte Levels in Atherosclerosis in Mice. <i>Circulation Research</i> , 2015, 117, 244-253.	2.0	90
623	Phagocyte subsets and lymphocyte clonal deletion behind ineffective immune response to <i>Staphylococcus aureus</i> . <i>FEMS Microbiology Reviews</i> , 2015, 39, 750-763.	3.9	40
624	Spotlights on immunological effects of reactive nitrogen species: When inflammation says nitric oxide. <i>World Journal of Experimental Medicine</i> , 2015, 5, 64.	0.9	62
625	Potentiating oncolytic viral therapy through an understanding of the initial immune responses to oncolytic viral infection. <i>Current Opinion in Virology</i> , 2015, 13, 25-32.	2.6	19
626	ncRNA-regulated immune response and its role in inflammatory lung diseases. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L1076-L1087.	1.3	28
627	The heterogeneity of lung macrophages in the susceptibility to disease. <i>European Respiratory Review</i> , 2015, 24, 505-509.	3.0	108
628	Upregulated IL-1 β in dysferlin-deficient muscle attenuates regeneration by blunting the response to pro-inflammatory macrophages. <i>Skeletal Muscle</i> , 2015, 5, 24.	1.9	26
629	Cx3cr1 deficiency attenuates hepatic granuloma formation during acute schistosomiasis by enhancing M2-type polarization of macrophages. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 691-700.	1.2	23
630	Membrane-bound and soluble Fas ligands have opposite functions in photoreceptor cell death following separation from the retinal pigment epithelium. <i>Cell Death and Disease</i> , 2015, 6, e1986-e1986.	2.7	31
631	Loss of MyD88 alters neuroinflammatory response and attenuates early Purkinje cell loss in a spinocerebellar ataxia type 6 mouse model. <i>Human Molecular Genetics</i> , 2015, 24, 4780-4791.	1.4	29
632	CREB pathway links PGE2 signaling with macrophage polarization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15642-15647.	3.3	225
633	Homocysteine elicits an M1 phenotype in murine macrophages through an EMMPRIN-mediated pathway. <i>Canadian Journal of Physiology and Pharmacology</i> , 2015, 93, 577-584.	0.7	12
634	Bone marrow angiotensin AT ₂ receptor deficiency aggravates atherosclerosis development by eliminating macrophage liver X receptor-mediated anti-atherogenic actions. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015, 16, 936-946.	1.0	3
635	Colorectal cancer: role of commensal bacteria and bystander effects. <i>Gut Microbes</i> , 2015, 6, 370-376.	4.3	32
636	Engineering macrophages to control the inflammatory response and angiogenesis. <i>Experimental Cell Research</i> , 2015, 339, 300-309.	1.2	23
637	Tasquinimod triggers an early change in the polarization of tumor associated macrophages in the tumor microenvironment. , 2015, 3, 53.		50
638	Microglia/Macrophage Polarization After Experimental Intracerebral Hemorrhage. <i>Translational Stroke Research</i> , 2015, 6, 407-409.	2.3	94

#	ARTICLE	IF	CITATIONS
640	The erythroblastic island as an emerging paradigm in the anemia of inflammation. <i>Immunologic Research</i> , 2015, 63, 75-89.	1.3	49
641	The Evolution of the Stem Cell Theory for Heart Failure. <i>EBioMedicine</i> , 2015, 2, 1871-1879.	2.7	24
642	M-CSF from Cancer Cells Induces Fatty Acid Synthase and PPAR α / β Activation in Tumor Myeloid Cells, Leading to Tumor Progression. <i>Cell Reports</i> , 2015, 10, 1614-1625.	2.9	72
643	miR-130a regulates macrophage polarization and is associated with non-small cell lung cancer. <i>Oncology Reports</i> , 2015, 34, 3088-3096.	1.2	47
644	Novel insights into the role of immune cells in skin and inducible skin-associated lymphoid tissue (iSALT). <i>Allergo Journal International</i> , 2015, 24, 170-179.	0.9	29
645	IL-34 and M-CSF-induced macrophages switch memory T cells into Th17 cells via membrane IL-1 β . <i>European Journal of Immunology</i> , 2015, 45, 1092-1102.	1.6	55
646	A Novel Photodynamic Therapy Targeting Cancer Cells and Tumor-Associated Macrophages. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 452-460.	1.9	62
647	Polycomb-mediated loss of microRNA let-7c determines inflammatory macrophage polarization via PAK1-dependent NF- κ B pathway. <i>Cell Death and Differentiation</i> , 2015, 22, 287-297.	5.0	70
648	Blockade of VEGF-C and VEGF-D modulates adipose tissue inflammation and improves metabolic parameters under high-fat diet. <i>Molecular Metabolism</i> , 2015, 4, 93-105.	3.0	105
649	Enalapril treatment increases T cell number and promotes polarization towards M1-like macrophages locally in diabetic nephropathy. <i>International Immunopharmacology</i> , 2015, 25, 30-42.	1.7	38
650	Submembranous recruitment of creatine kinase B supports formation of dynamic actin-based protrusions of macrophages and relies on its C-terminal flexible loop. <i>European Journal of Cell Biology</i> , 2015, 94, 114-127.	1.6	13
651	Exposure to Δ^9 -Tetrahydrocannabinol Impairs the Differentiation of Human Monocyte-derived Dendritic Cells and their Capacity for T cell Activation. <i>Journal of NeuroImmune Pharmacology</i> , 2015, 10, 333-343.	2.1	28
652	The clinically approved drugs dasatinib and bosutinib induce anti-inflammatory macrophages by inhibiting the salt-inducible kinases. <i>Biochemical Journal</i> , 2015, 465, 271-279.	1.7	67
654	Reprogramming of Monocytes by GM-CSF Contributes to Regulatory Immune Functions during Intestinal Inflammation. <i>Journal of Immunology</i> , 2015, 194, 2424-2438.	0.4	61
655	Anti-inflammatory role of DPP-4 inhibitors in a nondiabetic model of glomerular injury. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F878-F887.	1.3	56
656	ChemR23, the Receptor for Chemerin and Resolvin E1, Is Expressed and Functional on M1 but Not on M2 Macrophages. <i>Journal of Immunology</i> , 2015, 194, 2330-2337.	0.4	132
657	Piliation of <i>Lactobacillus rhamnosus</i> GG Promotes Adhesion, Phagocytosis, and Cytokine Modulation in Macrophages. <i>Applied and Environmental Microbiology</i> , 2015, 81, 2050-2062.	1.4	66
658	PTX3 Is an Extrinsic Oncosuppressor Regulating Complement-Dependent Inflammation in Cancer. <i>Cell</i> , 2015, 160, 700-714.	13.5	334

#	ARTICLE	IF	CITATIONS
659	Large-Scale Hematopoietic Differentiation of Human Induced Pluripotent Stem Cells Provides Granulocytes or Macrophages for Cell Replacement Therapies. <i>Stem Cell Reports</i> , 2015, 4, 282-296.	2.3	173
660	Cyr61 promotes <scp>CD</scp>204 expression and the migration of macrophages via <scp>MEK</scp>/<scp>ERK</scp> pathway in esophageal squamous cell carcinoma. <i>Cancer Medicine</i> , 2015, 4, 437-446.	1.3	47
661	Understanding Local Macrophage Phenotypes In Disease: Shape-shifting macrophages. <i>Nature Medicine</i> , 2015, 21, 119-120.	15.2	45
662	Nanoparticle-based autoantigen delivery to Treg-inducing liver sinusoidal endothelial cells enables control of autoimmunity in mice. <i>Journal of Hepatology</i> , 2015, 62, 1349-1356.	1.8	145
663	The therapeutic potential of interleukin-10 in neuroimmune diseases. <i>Neuropharmacology</i> , 2015, 96, 55-69.	2.0	174
664	Myeloid HIF-1 attenuates the progression of renal fibrosis in murine obstructive nephropathy. <i>Journal of Pharmacological Sciences</i> , 2015, 127, 181-189.	1.1	17
665	Immunomodulatory effects of pCramoll and rCramoll on peritoneal exudate cells (PECs) infected and non-infected with <i>Staphylococcus aureus</i> . <i>International Journal of Biological Macromolecules</i> , 2015, 72, 848-854.	3.6	24
666	Alternative Activation of Human Macrophages Is Rescued by Estrogen Treatment In Vitro and Impaired by Menopausal Status. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E50-E58.	1.8	89
667	Orosomucoid 1 drives opportunistic infections through the polarization of monocytes to the M2b phenotype. <i>Cytokine</i> , 2015, 73, 8-15.	1.4	32
668	Chemokine receptor Cxcr4 contributes to kidney fibrosis via multiple effectors. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F459-F472.	1.3	47
669	Loss of Cdh1 and Trp53 in the uterus induces chronic inflammation with modification of tumor microenvironment. <i>Oncogene</i> , 2015, 34, 2471-2482.	2.6	24
670	Impaired macrophage autophagy increases the immune response in obese mice by promoting proinflammatory macrophage polarization. <i>Autophagy</i> , 2015, 11, 271-284.	4.3	349
671	Diverse origins of the myofibroblastâ€”implications for kidney fibrosis. <i>Nature Reviews Nephrology</i> , 2015, 11, 233-244.	4.1	210
672	Periostin secreted by glioblastoma stem cells recruits M2 tumour-associated macrophages and promotes malignant growth. <i>Nature Cell Biology</i> , 2015, 17, 170-182.	4.6	716
673	Phenotypic activation and pharmacological outcomes of spontaneously differentiated human monocyte-derived macrophages. <i>Immunobiology</i> , 2015, 220, 545-554.	0.8	75
674	RAGE Mediates S100A7-Induced Breast Cancer Growth and Metastasis by Modulating the Tumor Microenvironment. <i>Cancer Research</i> , 2015, 75, 974-985.	0.4	112
675	Toll-like receptor 4 ablation in mdx mice reveals innate immunity as a therapeutic target in Duchenne muscular dystrophy. <i>Human Molecular Genetics</i> , 2015, 24, 2147-2162.	1.4	65
676	Monocyte Fate in Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 272-279.	1.1	157

#	ARTICLE	IF	CITATIONS
677	Involvement of purinergic system in the release of cytokines by macrophages exposed to glioma-conditioned medium. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 721-729.	1.2	41
678	ROCK-Isoform-Specific Polarization of Macrophages Associated with Age-Related Macular Degeneration. <i>Cell Reports</i> , 2015, 10, 1173-1186.	2.9	154
679	iNSC suppress macrophage-induced inflammation by repressing COX-2. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2015, 51, 157-164.	0.7	10
680	Stromal cell-derived CCL2 drives neuropathic pain states through myeloid cell infiltration in injured nerve. <i>Brain, Behavior, and Immunity</i> , 2015, 45, 198-210.	2.0	44
681	Pattern Recognition Receptors and the Innate Immune Network. , 2015, , 449-474.		0
682	Myeloid HIF-1 Is Protective in <i>Helicobacter pylori</i> -Mediated Gastritis. <i>Journal of Immunology</i> , 2015, 194, 3259-3266.	0.4	32
683	The interaction of anticancer therapies with tumor-associated macrophages. <i>Journal of Experimental Medicine</i> , 2015, 212, 435-445.	4.2	507
684	Biomaterial based modulation of macrophage polarization: a review and suggested design principles. <i>Materials Today</i> , 2015, 18, 313-325.	8.3	629
685	Exosome-like vesicles derived by <i>Schistosoma japonicum</i> adult worms mediates M1 type immune-activity of macrophage. <i>Parasitology Research</i> , 2015, 114, 1865-1873.	0.6	119
686	Alcohol-Induced miR-27a Regulates Differentiation and M2 Macrophage Polarization of Normal Human Monocytes. <i>Journal of Immunology</i> , 2015, 194, 3079-3087.	0.4	80
687	Regulation of the Neurodegenerative Process Associated to Parkinson's Disease by CD4+ T-cells. <i>Journal of NeuroImmune Pharmacology</i> , 2015, 10, 561-575.	2.1	54
688	M2 polarization enhances silica nanoparticle uptake by macrophages. <i>Frontiers in Pharmacology</i> , 2015, 6, 55.	1.6	97
689	Macrophage polarisation changes within the time between diagnostic biopsy and tumour resection in oral squamous cell carcinomas—an immunohistochemical study. <i>British Journal of Cancer</i> , 2015, 113, 510-519.	2.9	58
690	High salt primes a specific activation state of macrophages, M(Na). <i>Cell Research</i> , 2015, 25, 893-910.	5.7	189
691	The differential role of human macrophage in triggering secondary bystander effects after either gamma-ray or carbon beam irradiation. <i>Cancer Letters</i> , 2015, 363, 92-100.	3.2	36
692	Suppression of atherosclerosis by synthetic REV-ERB agonist. <i>Biochemical and Biophysical Research Communications</i> , 2015, 460, 566-571.	1.0	73
693	Specific cellular immune response elicited by the necrotic tumor cell-stimulated macrophages. <i>International Immunopharmacology</i> , 2015, 27, 171-176.	1.7	8
694	Enhanced M1 and Impaired M2 Macrophage Polarization and Reduced Mitochondrial Biogenesis via Inhibition of AMP Kinase in Chronic Kidney Disease. <i>Cellular Physiology and Biochemistry</i> , 2015, 36, 358-372.	1.1	61

#	ARTICLE	IF	CITATIONS
695	Tim-3 promotes intestinal homeostasis in DSS colitis by inhibiting M1 polarization of macrophages. <i>Clinical Immunology</i> , 2015, 160, 328-335.	1.4	44
696	Nuclear Receptor Nr4a2 Promotes Alternative Polarization of Macrophages and Confers Protection in Sepsis. <i>Journal of Biological Chemistry</i> , 2015, 290, 18304-18314.	1.6	69
697	Macrophage polarization in pathology. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 4111-4126.	2.4	487
698	Quantitative proteomics analyses of activation states of human THP-1 macrophages. <i>Journal of Proteomics</i> , 2015, 128, 164-172.	1.2	17
699	Phagocytes as Corrupted Policemen in Cancer-Related Inflammation. <i>Advances in Cancer Research</i> , 2015, 128, 141-171.	1.9	81
700	Role for microglia in sex differences after ischemic stroke: importance of M2. <i>Metabolic Brain Disease</i> , 2015, 30, 1515-1529.	1.4	46
701	Macrophage Ablation Reduces M2-Like Populations and Jeopardizes Tumor Growth in a MAFIA-Based Glioma Model. <i>Neoplasia</i> , 2015, 17, 374-384.	2.3	28
702	Intermuscular and perimuscular fat expansion in obesity correlates with skeletal muscle T cell and macrophage infiltration and insulin resistance. <i>International Journal of Obesity</i> , 2015, 39, 1607-1618.	1.6	125
703	Macrophage infiltration in the omental and subcutaneous adipose tissues of dairy cows with displaced abomasum. <i>Journal of Dairy Science</i> , 2015, 98, 6176-6187.	1.4	46
704	Dynamic aberrant NF- κ B spurs tumorigenesis: A new model encompassing the microenvironment. <i>Cytokine and Growth Factor Reviews</i> , 2015, 26, 389-403.	3.2	85
705	Overexpression of CD163 in vitreous and fibrovascular membranes of patients with proliferative diabetic retinopathy: possible involvement of periostin. <i>British Journal of Ophthalmology</i> , 2015, 99, 451-456.	2.1	38
706	<i>Vibrio cholerae</i> porin OmpU mediates M1-polarization of macrophages/monocytes via TLR1/TLR2 activation. <i>Immunobiology</i> , 2015, 220, 1199-1209.	0.8	38
707	A Novel Role of Matrix Metalloproteinase-8 in Macrophage Differentiation and Polarization. <i>Journal of Biological Chemistry</i> , 2015, 290, 19158-19172.	1.6	39
708	CCL2 Promotes Colorectal Carcinogenesis by Enhancing Polymorphonuclear Myeloid-Derived Suppressor Cell Population and Function. <i>Cell Reports</i> , 2015, 12, 244-257.	2.9	287
709	Type 2 Endometrial Cancer is Associated With a High Density of Tumor-Associated Macrophages in the Stromal Compartment. <i>Reproductive Sciences</i> , 2015, 22, 948-953.	1.1	18
710	IRF2BP2 Reduces Macrophage Inflammation and Susceptibility to Atherosclerosis. <i>Circulation Research</i> , 2015, 117, 671-683.	2.0	64
711	The key role of the scaffold on the efficiency of dendrimer nanodrugs. <i>Nature Communications</i> , 2015, 6, 7722.	5.8	133
712	Morphine Modulates Interleukin-4- or Breast Cancer Cell-induced Pro-metastatic Activation of Macrophages. <i>Scientific Reports</i> , 2015, 5, 11389.	1.6	52

#	ARTICLE	IF	CITATIONS
713	Tsc1 is a Critical Regulator of Macrophage Survival and Function. Cellular Physiology and Biochemistry, 2015, 36, 1406-1418.	1.1	28
714	Biology and Diseases of Mice. , 2015, , 43-149.		47
715	Bovine viral diarrhea virus type 2 in vivo infection modulates TLR4 responsiveness in differentiated myeloid cells which is associated with decreased MyD88 expression. Virus Research, 2015, 208, 44-55.	1.1	14
716	Control of Cytokine Production by Human Fc Gamma Receptors: Implications for Pathogen Defense and Autoimmunity. Frontiers in Immunology, 2015, 6, 79.	2.2	117
717	The receptor NLRP3 is a transcriptional regulator of TH2 differentiation. Nature Immunology, 2015, 16, 859-870.	7.0	312
718	Nutrient and immune sensing are obligate pathways in metabolism, immunity, and disease. FASEB Journal, 2015, 29, 3612-3625.	0.2	20
719	Dealing with Danger in the CNS: The Response of the Immune System to Injury. Neuron, 2015, 87, 47-62.	3.8	252
720	Biobehavioral approaches to cancer progression and survival: Mechanisms and interventions.. American Psychologist, 2015, 70, 186-197.	3.8	135
721	Monocyte and Macrophage Plasticity in Tissue Repair and Regeneration. American Journal of Pathology, 2015, 185, 2596-2606.	1.9	537
722	Heme oxygenase and the immune system in normal and pathological pregnancies. Frontiers in Pharmacology, 2015, 6, 84.	1.6	42
723	Spatial and Functional Heterogeneities Shape Collective Behavior of Tumor-Immune Networks. PLoS Computational Biology, 2015, 11, e1004181.	1.5	35
724	Ipilimumab-dependent cell-mediated cytotoxicity of regulatory T cells ex vivo by nonclassical monocytes in melanoma patients. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 6140-6145.	3.3	498
725	3,4-Dihydroxy-benzohydroxamic acid (Didox) suppresses pro-inflammatory profiles and oxidative stress in TLR4-activated RAW264.7 murine macrophages. Chemico-Biological Interactions, 2015, 233, 95-105.	1.7	27
726	Type 1 reaction in leprosy: a model for a better understanding of tissue immunity under an immunopathological condition. Expert Review of Clinical Immunology, 2015, 11, 391-407.	1.3	31
727	Tat-CBR1 inhibits inflammatory responses through the suppressions of NF- κ B and MAPK activation in macrophages and TPA-induced ear edema in mice. Toxicology and Applied Pharmacology, 2015, 286, 124-134.	1.3	17
728	Cancer prevention and therapy through the modulation of the tumor microenvironment. Seminars in Cancer Biology, 2015, 35, S199-S223.	4.3	285
729	Methyl-CpG Binding Protein 2 Regulates Microglia and Macrophage Gene Expression in Response to Inflammatory Stimuli. Immunity, 2015, 42, 679-691.	6.6	157
730	Transcriptional programming of human macrophages: on the way to systems immunology. Journal of Molecular Medicine, 2015, 93, 589-597.	1.7	16

#	ARTICLE	IF	CITATIONS
731	Network Integration of Parallel Metabolic and Transcriptional Data Reveals Metabolic Modules that Regulate Macrophage Polarization. <i>Immunity</i> , 2015, 42, 419-430.	6.6	1,423
732	Effect of TLR Agonists on the Differentiation and Function of Human Monocytic Myeloid-Derived Suppressor Cells. <i>Journal of Immunology</i> , 2015, 194, 4215-4221.	0.4	60
733	Altering in vivo macrophage responses with modified polymer properties. <i>Biomaterials</i> , 2015, 56, 187-197.	5.7	52
734	Unraveling the Hygiene Hypothesis of helminthes and autoimmunity: origins, pathophysiology, and clinical applications. <i>BMC Medicine</i> , 2015, 13, 81.	2.3	129
735	Soluble NKG2D ligand promotes MDSC expansion and skews macrophage to the alternatively activated phenotype. <i>Journal of Hematology and Oncology</i> , 2015, 8, 13.	6.9	44
736	The significance of macrophage polarization subtypes for animal models of tissue fibrosis and human fibrotic diseases. <i>Clinical and Translational Medicine</i> , 2015, 4, 2.	1.7	130
737	Macrophage and epithelial cell H-ferritin expression regulates renal inflammation. <i>Kidney International</i> , 2015, 88, 95-108.	2.6	77
738	Macrophage Phenotype in the Ocular Surface of Experimental Murine Dry Eye Disease. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2015, 63, 299-304.	1.0	39
739	Microgravity activates p38 MAPK-C/EBP β pathway to regulate the expression of arginase and inflammatory cytokines in macrophages. <i>Inflammation Research</i> , 2015, 64, 303-311.	1.6	26
740	Radiation-induced fibrosis: mechanisms and implications for therapy. <i>Journal of Cancer Research and Clinical Oncology</i> , 2015, 141, 1985-1994.	1.2	391
741	Optimization of Astilbin Extraction from the Rhizome of <i>Smilax glabra</i> , and Evaluation of Its Anti-Inflammatory Effect and Probable Underlying Mechanism in Lipopolysaccharide-Induced RAW264.7 Macrophages. <i>Molecules</i> , 2015, 20, 625-644.	1.7	55
742	Alternatively activated macrophages promote pancreatic fibrosis in chronic pancreatitis. <i>Nature Communications</i> , 2015, 6, 7158.	5.8	264
743	Macrophage Plasticity and Polarization. , 2015, , 117-130.		7
744	Pyruvate Dehydrogenase Kinase 1 Participates in Macrophage Polarization via Regulating Glucose Metabolism. <i>Journal of Immunology</i> , 2015, 194, 6082-6089.	0.4	251
745	Mesenchymal Stem Cells Promote Cardiac Muscle Repair via Enhanced Neovascularization. <i>Cellular Physiology and Biochemistry</i> , 2015, 35, 1219-1229.	1.1	48
746	Delivery of Adipose-Derived Stem Cells Attenuates Adipose Tissue Inflammation and Insulin Resistance in Obese Mice Through Remodeling Macrophage Phenotypes. <i>Stem Cells and Development</i> , 2015, 24, 2052-2064.	1.1	61
747	Boon and Bane of Inflammation in Bone Tissue Regeneration and Its Link with Angiogenesis. <i>Tissue Engineering - Part B: Reviews</i> , 2015, 21, 354-364.	2.5	127
748	Toll-Like Receptor 2-Dependent Extracellular Signal-Regulated Kinase Signaling in Mycobacterium tuberculosis-Infected Macrophages Drives Anti-Inflammatory Responses and Inhibits Th1 Polarization of Responding T Cells. <i>Infection and Immunity</i> , 2015, 83, 2242-2254.	1.0	94

#	ARTICLE	IF	CITATIONS
749	A new chance to beat diabetic kidney disease: innate immunity and MCP-1: a matter of good and bad macrophages?. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, 525-527.	0.4	14
750	It takes two to tango: Understanding the interactions between engineered nanomaterials and the immune system. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 95, 3-12.	2.0	88
751	A Broken Krebs Cycle in Macrophages. <i>Immunity</i> , 2015, 42, 393-394.	6.6	169
752	Involvement of RNA Polymerase III in Immune Responses. <i>Molecular and Cellular Biology</i> , 2015, 35, 1848-1859.	1.1	37
753	Influenza virus-induced lung injury: pathogenesis and implications for treatment. <i>European Respiratory Journal</i> , 2015, 45, 1463-1478.	3.1	355
754	Unique Macrophages Different from M1/M2 Macrophages Inhibit T Cell Mitogenesis while Upregulating Th17 Polarization. <i>Scientific Reports</i> , 2014, 4, 4146.	1.6	66
755	Macrophages in Kidney Injury, Inflammation, and Fibrosis. <i>Physiology</i> , 2015, 30, 183-194.	1.6	225
756	Blocking high-fat diet-induced obesity, insulin resistance and fatty liver by overexpression of Il-13 gene in mice. <i>International Journal of Obesity</i> , 2015, 39, 1292-1299.	1.6	41
757	Curcumin induces M2 macrophage polarization by secretion IL-4 and/or IL-13. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 85, 131-139.	0.9	146
758	The Prognostic Impact of CD163-Positive Macrophages in Follicular Lymphoma: A Study from the BC Cancer Agency and the Lymphoma Study Association. <i>Clinical Cancer Research</i> , 2015, 21, 3428-3435.	3.2	101
759	Temporal phenotypic features distinguish polarized macrophages in vitro. <i>Autoimmunity</i> , 2015, 48, 161-176.	1.2	68
760	Synergy of anti-CD40, CpG and MPL in activation of mouse macrophages. <i>Molecular Immunology</i> , 2015, 66, 208-215.	1.0	15
761	Group V Secreted Phospholipase A2 Is Upregulated by IL-4 in Human Macrophages and Mediates Phagocytosis via Hydrolysis of Ethanolamine Phospholipids. <i>Journal of Immunology</i> , 2015, 194, 3327-3339.	0.4	60
762	Acetylcholine contributes to control the physiological inflammatory response during the peri-implantation period. <i>Acta Physiologica</i> , 2015, 214, 237-247.	1.8	12
763	Granulocyte- α macrophage colony-stimulating factor primes interleukin-13 production by macrophages via protease-activated receptor-2. <i>Blood Cells, Molecules, and Diseases</i> , 2015, 54, 353-359.	0.6	12
764	Protective Role of Cannabinoid Receptor 2 Activation in Galactosamine/Lipopolysaccharide-Induced Acute Liver Failure through Regulation of Macrophage Polarization and MicroRNAs. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 353, 369-379.	1.3	45
765	Immune response in the adipose tissue of lean mice infected with the protozoan parasite <i>Neospora caninum</i> . <i>Immunology</i> , 2015, 145, 242-257.	2.0	17
766	Role of the innate and adaptive immune responses in the course of multiple sclerosis. <i>Lancet Neurology</i> , The, 2015, 14, 406-419.	4.9	455

#	ARTICLE	IF	CITATIONS
767	Macrophages: Development and Tissue Specialization. Annual Review of Immunology, 2015, 33, 643-675.	9.5	687
768	A transcriptional perspective on human macrophage biology. Seminars in Immunology, 2015, 27, 44-50.	2.7	33
769	CD11c and CD11b regulate macrophage polarization by forming a complex containing CD14 and Gab1. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4731-4736.	3.3	39
770	Cytomegalovirus immune evasion of myeloid lineage cells. Medical Microbiology and Immunology, 2015, 204, 367-382.	2.6	37
771	M2 Macrophage Polarization Mediates Anti-inflammatory Effects of Endothelial Nitric Oxide Signaling. Diabetes, 2015, 64, 2836-2846.	0.3	80
772	Macrophages in vascular inflammation – From atherosclerosis to vasculitis. Autoimmunity, 2015, 48, 139-151.	1.2	106
773	A novel cysteine cathepsin inhibitor yields macrophage cell death and mammary tumor regression. Oncogene, 2015, 34, 6066-6078.	2.6	54
774	Tissue-type Plasminogen Activator (tPA) Promotes M1 Macrophage Survival through p90 Ribosomal S6 Kinase (RSK) and p38 Mitogen-activated Protein Kinase (MAPK) Pathway. Journal of Biological Chemistry, 2015, 290, 7910-7917.	1.6	25
775	Heme oxygenase-2 deletion impairs macrophage function: implication in wound healing. FASEB Journal, 2015, 29, 105-115.	0.2	36
776	Local Injection of Lenti-BDNF at the Lesion Site Promotes M2 Macrophage Polarization and Inhibits Inflammatory Response After Spinal Cord Injury in Mice. Cellular and Molecular Neurobiology, 2015, 35, 881-890.	1.7	51
777	Macrophages from the synovium of active rheumatoid arthritis exhibit an activin A-dependent pro-inflammatory profile. Journal of Pathology, 2015, 235, 515-526.	2.1	138
778	Crucial Role of Lateral Size for Graphene Oxide in Activating Macrophages and Stimulating Pro-inflammatory Responses in Cells and Animals. ACS Nano, 2015, 9, 10498-10515.	7.3	347
779	Monocyte and macrophage subsets along the continuum to heart failure: Misguided heroes or targetable villains?. Journal of Molecular and Cellular Cardiology, 2015, 89, 136-145.	0.9	49
780	M2b Monocytes Provoke Bacterial Pneumonia and Gut Bacteria-Associated Sepsis in Alcoholics. Journal of Immunology, 2015, 195, 5169-5177.	0.4	42
781	Molecular mechanisms of latent inflammation in metabolic syndrome. Possible role of sirtuins and peroxisome proliferator-activated receptor type β . Biochemistry (Moscow), 2015, 80, 1217-1226.	0.7	18
782	Alterations in the sputum proteome and transcriptome in smokers and early-stage COPD subjects. Journal of Proteomics, 2015, 128, 306-320.	1.2	72
783	Micro-RNAs and macrophage diversity in atherosclerosis: New players, new challenges – new opportunities for therapeutic intervention?. Biochemistry and Biophysics Reports, 2015, 3, 202-206.	0.7	2
784	CD163L1 and CLEC5A discriminate subsets of human resident and inflammatory macrophages in vivo. Journal of Leukocyte Biology, 2015, 98, 453-466.	1.5	81

#	ARTICLE	IF	CITATIONS
785	PPAR- δ agonist attenuates inflammation in aortic aneurysm patients. <i>General Thoracic and Cardiovascular Surgery</i> , 2015, 63, 565-571.	0.4	31
786	Macrophage subtype predicts lymph node metastasis in oesophageal adenocarcinoma and promotes cancer cell invasion in vitro. <i>British Journal of Cancer</i> , 2015, 113, 738-746.	2.9	54
787	Radiation takes its Toll. <i>Cancer Letters</i> , 2015, 368, 238-245.	3.2	32
788	Neuronal Interleukin-4 as a Modulator of Microglial Pathways and Ischemic Brain Damage. <i>Journal of Neuroscience</i> , 2015, 35, 11281-11291.	1.7	230
789	Application of chemokine receptor antagonist with stents reduces local inflammation and suppresses cancer growth. <i>Tumor Biology</i> , 2015, 36, 8637-8643.	0.8	7
790	Differential Gene Expression Profiles Reflecting Macrophage Polarization in Aging and Periodontitis Gingival Tissues. <i>Immunological Investigations</i> , 2015, 44, 643-664.	1.0	75
791	M1-/M2-macrophages contribute to the development of GST-P-positive preneoplastic lesions in chemically-induced rat cirrhosis. <i>Experimental and Toxicologic Pathology</i> , 2015, 67, 467-475.	2.1	11
792	miR-142-5p and miR-130a-3p are regulated by IL-4 and IL-13 and control profibrogenic macrophage program. <i>Nature Communications</i> , 2015, 6, 8523.	5.8	203
793	Contribution of metabolic reprogramming to macrophage plasticity and function. <i>Seminars in Immunology</i> , 2015, 27, 267-275.	2.7	150
794	Selenium and inflammatory bowel disease. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, G71-G77.	1.6	92
795	Decreased Stathmin-1 Expression Inhibits Trophoblast Proliferation and Invasion and Is Associated with Recurrent Miscarriage. <i>American Journal of Pathology</i> , 2015, 185, 2709-2721.	1.9	84
796	The transcriptional PPAR δ / β network in human macrophages defines a unique agonist-induced activation state. <i>Nucleic Acids Research</i> , 2015, 43, 5033-5051.	6.5	70
797	Nanomedicine and cancer immunotherapy “targeting immunosuppressive cells. <i>Journal of Drug Targeting</i> , 2015, 23, 656-671.	2.1	32
798	M2 polarized macrophages induced by CSE promote proliferation, migration, and invasion of alveolar basal epithelial cells. <i>International Immunopharmacology</i> , 2015, 28, 666-674.	1.7	13
799	Novel Manganese-Porphyrin Superoxide Dismutase-Mimetic Widens the Therapeutic Margin in a Preclinical Head and Neck Cancer Model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, 892-900.	0.4	61
800	M1-like Macrophage Polarization Promotes Orthodontic Tooth Movement. <i>Journal of Dental Research</i> , 2015, 94, 1286-1294.	2.5	72
801	Obligatory Role for B Cells in the Development of Angiotensin II-Dependent Hypertension. <i>Hypertension</i> , 2015, 66, 1023-1033.	1.3	185
802	Re-wiring regulatory cell networks in immunity by galectin-glycan interactions. <i>FEBS Letters</i> , 2015, 589, 3407-3418.	1.3	55

#	ARTICLE	IF	CITATIONS
803	CTLA4 Immunoglobulin but Not Anti- α Tumor Necrosis Factor Therapy Promotes Staphylococcal Septic Arthritis in Mice. <i>Journal of Infectious Diseases</i> , 2015, 212, 1308-1316.	1.9	32
805	Restoring inflammatory balance as a potential preventive strategy for inflammation induced cancer. <i>OncImmunology</i> , 2015, 4, e1039764.	2.1	4
806	The pancreas anatomy conditions the origin and properties of resident macrophages. <i>Journal of Experimental Medicine</i> , 2015, 212, 1497-1512.	4.2	235
807	GM-CSF Promotes Macrophage Alternative Activation after Renal Ischemia/Reperfusion Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 1334-1345.	3.0	99
808	Hyperglycemia and PPAR β Antagonistically Influence Macrophage Polarization and Infarct Healing After Ischemic Stroke. <i>Stroke</i> , 2015, 46, 2935-2942.	1.0	24
809	Polarized Macrophages Have Distinct Roles in the Differentiation and Migration of Embryonic Spinal-cord-derived Neural Stem Cells After Grafting to Injured Sites of Spinal Cord. <i>Molecular Therapy</i> , 2015, 23, 1077-1091.	3.7	29
811	Mechanisms of long-term cognitive dysfunction of sepsis: from blood-borne leukocytes to glial cells. <i>Intensive Care Medicine Experimental</i> , 2015, 3, 30.	0.9	40
812	Molecular and epigenetic basis of macrophage polarized activation. <i>Seminars in Immunology</i> , 2015, 27, 237-248.	2.7	208
813	Suppression of atopic dermatitis in mice model by reducing inflammation utilizing phosphatidylserine-coated biodegradable microparticles. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2015, 26, 1465-1474.	1.9	6
814	Myeloid-Derived Cells in Tumors: Effects of Radiation. <i>Seminars in Radiation Oncology</i> , 2015, 25, 18-27.	1.0	116
815	Effects of Physical Exercise on Neuroinflammation, Neuroplasticity, Neurodegeneration, and Behavior. <i>Neurorehabilitation and Neural Repair</i> , 2015, 29, 577-589.	1.4	132
816	Inflammatory profiles in the BTBR mouse: How relevant are they to autism spectrum disorders?. <i>Brain, Behavior, and Immunity</i> , 2015, 43, 11-16.	2.0	62
817	CSF1-ETS2-induced microRNA in myeloid cells promote metastatic tumor growth. <i>Oncogene</i> , 2015, 34, 3651-3661.	2.6	60
818	Adipose tissue macrophages: the inflammatory link between obesity and cancer?. <i>Expert Opinion on Therapeutic Targets</i> , 2015, 19, 527-538.	1.5	31
819	Direct and Indirect Effects of Immune and Central Nervous System-Resident Cells on Human Oligodendrocyte Progenitor Cell Differentiation. <i>Journal of Immunology</i> , 2015, 194, 761-772.	0.4	75
820	A unique role for p53 in the regulation of M2 macrophage polarization. <i>Cell Death and Differentiation</i> , 2015, 22, 1081-1093.	5.0	118
821	Local pulmonary immune responses in domestic cats naturally infected with <i>Cytauxzoon felis</i> . <i>Veterinary Immunology and Immunopathology</i> , 2015, 163, 1-7.	0.5	13
822	Epigenetic control of myeloid cell differentiation, identity and function. <i>Nature Reviews Immunology</i> , 2015, 15, 7-17.	10.6	292

#	ARTICLE	IF	CITATIONS
823	Function of monocytes and monocyte-derived macrophages in α 1-antitrypsin deficiency. <i>European Respiratory Journal</i> , 2015, 45, 365-376.	3.1	15
824	Radiation and Inflammation. <i>Seminars in Radiation Oncology</i> , 2015, 25, 4-10.	1.0	185
825	Histiocytoid Sweet syndrome is infiltrated predominantly by M2-like macrophages. <i>Journal of the American Academy of Dermatology</i> , 2015, 72, 131-139.	0.6	30
826	Macrophage polarization phenotype regulates adiponectin receptor expression and adiponectin anti-inflammatory response. <i>FASEB Journal</i> , 2015, 29, 636-649.	0.2	85
827	Epigenetic Changes in Bone Marrow Progenitor Cells Influence the Inflammatory Phenotype and Alter Wound Healing in Type 2 Diabetes. <i>Diabetes</i> , 2015, 64, 1420-1430.	0.3	159
828	Immunohistochemical Characterization and Morphometric Analysis of Macrophages in Rat Mammary Tumors. <i>Veterinary Pathology</i> , 2015, 52, 414-418.	0.8	5
830	Interleukin-1 Receptor-associated Kinase-4 (IRAK4) Promotes Inflammatory Osteolysis by Activating Osteoclasts and Inhibiting Formation of Foreign Body Giant Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 716-726.	1.6	29
831	Interferon regulatory factor 7 participates in the M1-like microglial polarization switch. <i>Glia</i> , 2015, 63, 595-610.	2.5	72
832	Alcohol withdrawal alleviates adipose tissue inflammation in patients with alcoholic liver disease. <i>Liver International</i> , 2015, 35, 967-978.	1.9	62
833	Basic concepts regarding fracture healing and the current options and future directions in managing bone fractures. <i>International Wound Journal</i> , 2015, 12, 238-247.	1.3	92
834	Macrophage-mediated injury and repair after ischemic kidney injury. <i>Pediatric Nephrology</i> , 2015, 30, 199-209.	0.9	126
835	The Multifaceted Roles Neutrophils Play in the Tumor Microenvironment. <i>Cancer Microenvironment</i> , 2015, 8, 125-158.	3.1	315
836	Targeting Macrophage Subsets for Infarct Repair. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2015, 20, 36-51.	1.0	75
837	Macrophage Polarization Drives Granuloma Outcome during Mycobacterium tuberculosis Infection. <i>Infection and Immunity</i> , 2015, 83, 324-338.	1.0	149
838	Increased expression of M-CSF and IL-13 in vitreous of patients with proliferative diabetic retinopathy: implications for M2 macrophage-involving fibrovascular membrane formation. <i>British Journal of Ophthalmology</i> , 2015, 99, 629-634.	2.1	36
839	Sequential delivery of immunomodulatory cytokines to facilitate the M1-to-M2 transition of macrophages and enhance vascularization of bone scaffolds. <i>Biomaterials</i> , 2015, 37, 194-207.	5.7	568
840	Interleukin-19 increases angiogenesis in ischemic hind limbs by direct effects on both endothelial cells and macrophage polarization. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 79, 21-31.	0.9	43
841	Seeing through VEGF: innate and adaptive immunity in pathological angiogenesis in the eye. <i>Trends in Molecular Medicine</i> , 2015, 21, 43-51.	3.5	107

#	ARTICLE	IF	CITATIONS
842	Mesenchymal Stem Cells Alleviate Experimental Asthma by Inducing Polarization of Alveolar Macrophages. <i>Inflammation</i> , 2015, 38, 485-492.	1.7	74
843	Protectins and maresins: New pro-resolving families of mediators in acute inflammation and resolution bioactive metabolome. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 397-413.	1.2	360
844	Modulation of the myeloid compartment of the immune system by angiogenic- and kinase inhibitor-targeted anti-cancer therapies. <i>Cancer Immunology, Immunotherapy</i> , 2015, 64, 83-89.	2.0	17
845	Quantitative Assessment of Tumor Associated Macrophages in Head and Neck Squamous Cell Carcinoma Using CD68 Marker: An Immunohistochemical Study. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2016, 10, ZC81-4.	0.8	4
846	Adenosine signaling mediates hypoxic responses in the chronic lymphocytic leukemia microenvironment. <i>Blood Advances</i> , 2016, 1, 47-61.	2.5	48
847	Skin Immune System: Microanatomy. , 2016, , 443-452.		1
848	The Sca-1+ mesenchymal stromal cells modulate macrophage commitment and function. <i>Turkish Journal of Biology</i> , 2016, 40, 473-483.	2.1	4
849	Polarisation of Macrophage and Immunotherapy in the Wound Healing. , 2016, , .		1
850	Immune Suppression Mediated by Myeloid and Lymphoid Derived Immune Cells in the Tumor Microenvironment Facilitates Progression of Thyroid Cancers Driven by HrasG12V and Pten Loss. <i>Journal of Clinical & Cellular Immunology</i> , 2016, 7, .	1.5	16
851	The M1/M2 Pattern and the Oxidative Stress are Modulated by Low- Level Laser in Human Macrophage. <i>Journal of Clinical & Cellular Immunology</i> , 2016, 07, .	1.5	1
852	Critical Role for Inflammatory Macrophages in Driving Antigen-dependent Th17Cell Responses?. <i>Journal of Cytokine Biology</i> , 2016, 01, .	1.5	0
853	HC-HA/PTX3 Purified From Amniotic Membrane as Novel Regenerative Matrix: Insight Into Relationship Between Inflammation and Regeneration. , 2016, 57, ORSFh1.		92
854	Ibrutinib modifies the function of monocyte/macrophage population in chronic lymphocytic leukemia. <i>Oncotarget</i> , 2016, 7, 65968-65981.	0.8	84
855	Triterpenoid herbal saponins enhance beneficial bacteria, decrease sulfate-reducing bacteria, modulate inflammatory intestinal microenvironment and exert cancer preventive effects in <i>ApcMin/+</i> mice. <i>Oncotarget</i> , 2016, 7, 31226-31242.	0.8	57
856	The Fate of the Tumor in the Hands of Microenvironment: Role of TAMs and mTOR Pathway. <i>Mediators of Inflammation</i> , 2016, 2016, 1-7.	1.4	12
857	Control of the Inflammatory Macrophage Transcriptional Signature by miR-155. <i>PLoS ONE</i> , 2016, 11, e0159724.	1.1	117
858	Myeloid cell signatures in tumor microenvironment predicts therapeutic response in cancer. <i>OncoTargets and Therapy</i> , 2016, 9, 1047.	1.0	30
859	Systemic distribution of single-walled carbon nanotubes in a novel model: alteration of biochemical parameters, metabolic functions, liver accumulation, and inflammation in vivo. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 4299-4316.	3.3	43

#	ARTICLE	IF	CITATIONS
860	Signaling of Phagocytosis. , 2016, , 83-96.		0
861	The accumulation of macrophages attenuates the effect of recombinant human endostatin on lung cancer. <i>OncoTargets and Therapy</i> , 2016, Volume 9, 6581-6595.	1.0	4
862	Modulation of Innate Immunity by Hypoxia. , 2016, , 81-106.		0
863	Histopathological Analysis of Rat Hepatotoxicity Based on Macrophage Functions: in Particular, an Analysis for Thioacetamide-induced Hepatic Lesions. <i>Food Safety (Tokyo, Japan)</i> , 2016, 4, 61-73.	1.0	22
864	Vagus nerve stimulation mediates protection from kidney ischemia-reperfusion injury through $\alpha 7$ nAChR+ splenocytes. <i>Journal of Clinical Investigation</i> , 2016, 126, 1939-1952.	3.9	225
865	STAT3 Activation in Circulating Monocytes Contributes to Neovascular Age-Related Macular Degeneration. <i>Current Molecular Medicine</i> , 2016, 16, 412-423.	0.6	52
866	CD47-blocking immunotherapies stimulate macrophage-mediated destruction of small-cell lung cancer. <i>Journal of Clinical Investigation</i> , 2016, 126, 2610-2620.	3.9	336
867	Umbilical cord-derived mesenchymal stem cells alleviate liver fibrosis in rats. <i>World Journal of Gastroenterology</i> , 2016, 22, 6036.	1.4	42
868	Human mesenchymal stromal cell-secreted lactate induces M2-macrophage differentiation by metabolic reprogramming. <i>Oncotarget</i> , 2016, 7, 30193-30210.	0.8	116
869	The Immune System in Tissue Environments Regaining Homeostasis after Injury: Is α Inflammation Always Inflammation?. <i>Mediators of Inflammation</i> , 2016, 2016, 1-9.	1.4	55
870	Tumor-Associated Macrophages and Neutrophils in Tumor Microenvironment. <i>Mediators of Inflammation</i> , 2016, 2016, 1-11.	1.4	549
871	Epigenetic Control of Macrophage Polarisation and Soluble Mediator Gene Expression during Inflammation. <i>Mediators of Inflammation</i> , 2016, 2016, 1-15.	1.4	104
872	Jacalin-Activated Macrophages Exhibit an Antitumor Phenotype. <i>BioMed Research International</i> , 2016, 2016, 1-12.	0.9	10
873	Cancer Stem Cells and Macrophages: Implications in Tumor Biology and Therapeutic Strategies. <i>Mediators of Inflammation</i> , 2016, 2016, 1-15.	1.4	88
874	New Role of Adult Lung c-kit+ Cells in a Mouse Model of Airway Hyperresponsiveness. <i>Mediators of Inflammation</i> , 2016, 2016, 1-13.	1.4	8
875	Immune Cells in Cancer Therapy and Drug Delivery. <i>Mediators of Inflammation</i> , 2016, 2016, 1-13.	1.4	26
876	Monocyte Differentiation towards Protumor Activity Does Not Correlate with M1 or M2 Phenotypes. <i>Journal of Immunology Research</i> , 2016, 2016, 1-16.	0.9	26
877	Pathogenesis of Nonalcoholic Steatohepatitis: Interactions between Liver Parenchymal and Nonparenchymal Cells. <i>BioMed Research International</i> , 2016, 2016, 1-11.	0.9	85

#	ARTICLE	IF	CITATIONS
878	Contribution of Macrophage Polarization to Metabolic Diseases. <i>Journal of Atherosclerosis and Thrombosis</i> , 2016, 23, 10-17.	0.9	49
879	The Reactive Oxygen Species in Macrophage Polarization: Reflecting Its Dual Role in Progression and Treatment of Human Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-16.	1.9	406
880	Macrophages: Regulators of the Inflammatory Microenvironment during Mammary Gland Development and Breast Cancer. <i>Mediators of Inflammation</i> , 2016, 2016, 1-13.	1.4	61
881	Therapeutic Targets for Management of Periodontitis and Diabetes. <i>Current Pharmaceutical Design</i> , 2016, 22, 2216-2237.	0.9	22
882	Immune Modulation of Cardiac Repair and Regeneration: The Art of Mending Broken Hearts. <i>Frontiers in Cardiovascular Medicine</i> , 2016, 3, 40.	1.1	46
883	The Pro-inflammatory Effects of Glucocorticoids in the Brain. <i>Frontiers in Endocrinology</i> , 2016, 7, 78.	1.5	59
884	Critical Roles of Kupffer Cells in the Pathogenesis of Alcoholic Liver Disease: From Basic Science to Clinical Trials. <i>Frontiers in Immunology</i> , 2016, 7, 538.	2.2	90
885	Cryptococcus and Phagocytes: Complex Interactions that Influence Disease Outcome. <i>Frontiers in Microbiology</i> , 2016, 7, 105.	1.5	75
886	Paracoccin Induces M1 Polarization of Macrophages via Interaction with TLR4. <i>Frontiers in Microbiology</i> , 2016, 7, 1003.	1.5	32
887	Ischemia, Immunosuppression and Infection—Tackling the Predicaments of Post-Stroke Complications. <i>International Journal of Molecular Sciences</i> , 2016, 17, 64.	1.8	121
888	The Immunogenicity of Colorectal Cancer in Relation to Tumor Development and Treatment. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1030.	1.8	33
889	Transcriptomic Insights into the Response of Placenta and Decidua Basalis to the CpG Oligodeoxynucleotide Stimulation in Non-Obese Diabetic Mice and Wild-Type Controls. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1281.	1.8	1
890	Micronutrient Antioxidants and Nonalcoholic Fatty Liver Disease. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1379.	1.8	48
891	The Complexity of Targeting PI3K-Akt-mTOR Signalling in Human Acute Myeloid Leukaemia: The Importance of Leukemic Cell Heterogeneity, Neighbouring Mesenchymal Stem Cells and Immunocompetent Cells. <i>Molecules</i> , 2016, 21, 1512.	1.7	36
892	Novel Action of Carotenoids on Non-Alcoholic Fatty Liver Disease: Macrophage Polarization and Liver Homeostasis. <i>Nutrients</i> , 2016, 8, 391.	1.7	79
893	Investigating the Synergistic Effects of Combined Modified Alginates on Macrophage Phenotype. <i>Polymers</i> , 2016, 8, 422.	2.0	11
894	The anti-tumor effect of the quinoline-3-carboxamide tasquinimod: blockade of recruitment of CD11b+ Ly6Chi cells to tumor tissue reduces tumor growth. <i>BMC Cancer</i> , 2016, 16, 440.	1.1	14
895	Potential Mechanistic Links Between Aging and IPF. , 2016, , 409-429.		0

#	ARTICLE	IF	CITATIONS
896	Progesterone Alleviates Endometriosis via Inhibition of Uterine Cell Proliferation, Inflammation and Angiogenesis in an Immunocompetent Mouse Model. PLoS ONE, 2016, 11, e0165347.	1.1	52
897	Deletion of Rac1GTPase in the Myeloid Lineage Protects against Inflammation-Mediated Kidney Injury in Mice. PLoS ONE, 2016, 11, e0150886.	1.1	21
898	Anti-CD47 Treatment Stimulates Phagocytosis of Glioblastoma by M1 and M2 Polarized Macrophages and Promotes M1 Polarized Macrophages In Vivo. PLoS ONE, 2016, 11, e0153550.	1.1	221
899	Choroidal Neovascularization Is Inhibited in Splenic-Denervated or Splenectomized Mice with a Concomitant Decrease in Intraocular Macrophage. PLoS ONE, 2016, 11, e0160985.	1.1	11
900	MUSASHI-Mediated Expression of JMJD3, a H3K27me3 Demethylase, Is Involved in Foamy Macrophage Generation during Mycobacterial Infection. PLoS Pathogens, 2016, 12, e1005814.	2.1	50
901	The Influence of Programmed Cell Death in Myeloid Cells on Host Resilience to Infection with Legionella pneumophila or Streptococcus pyogenes. PLoS Pathogens, 2016, 12, e1006032.	2.1	12
902	TGF- β 1 modulates microglial phenotype and promotes recovery after intracerebral hemorrhage. Journal of Clinical Investigation, 2016, 127, 280-292.	3.9	211
903	In vitro inflammatory effects of hard metal (WC–Co) nanoparticle exposure. International Journal of Nanomedicine, 2016, Volume 11, 6195-6206.	3.3	16
904	Macrophage polarization in interstitial lung diseases. Central-European Journal of Immunology, 2016, 2, 159-164.	0.4	46
905	IRF5 governs liver macrophage activation that promotes hepatic fibrosis in mice and humans. JCI Insight, 2016, 1, e88689.	2.3	43
906	Macrophage targeting contributes to the inhibitory effects of embelin on colitis-associated cancer. Oncotarget, 2016, 7, 19548-19558.	0.8	25
907	Ginkgolide B Protects Against Ischemic Stroke Via Modulating Microglia Polarization in Mice. CNS Neuroscience and Therapeutics, 2016, 22, 729-739.	1.9	78
908	Platelet-Rich Plasma Activates Proinflammatory Signaling Pathways and Induces Oxidative Stress in Tendon Fibroblasts. American Journal of Sports Medicine, 2016, 44, 1931-1940.	1.9	100
909	Mesenchymal Stem Cells are Recruited and Activated into Carcinoma-Associated Fibroblasts by Prostate Cancer Microenvironment-Derived TGF- β 1. Stem Cells, 2016, 34, 2536-2547.	1.4	169
910	The anti-inflammation and pharmacokinetics of a novel alkaloid from <i>Portulaca oleracea</i> L.. Journal of Pharmacy and Pharmacology, 2016, 68, 397-405.	1.2	72
911	Macrophage-Associated Osteoactivin/GPNMB Mediates Mesenchymal Stem Cell Survival, Proliferation, and Migration Via a CD44-Dependent Mechanism. Journal of Cellular Biochemistry, 2016, 117, 1511-1521.	1.2	62
912	Moderate-intensity exercise alters markers of alternative activation in circulating monocytes in females: a putative role for PPAR β . European Journal of Applied Physiology, 2016, 116, 1671-1682.	1.2	40
913	Prostaglandin E2 promotes M2 polarization of macrophages via a cAMP/CREB signaling pathway and deactivates granulocytes in teleost fish. Fish and Shellfish Immunology, 2016, 55, 632-641.	1.6	34

#	ARTICLE	IF	CITATIONS
914	Prostate cancer-derived cathelicidin-related antimicrobial peptide facilitates macrophage differentiation and polarization of immature myeloid progenitors to protumorigenic macrophages. <i>Prostate</i> , 2016, 76, 624-636.	1.2	32
915	Priming mobilized peripheral blood mononuclear cells with the "activated platelet supernatant" enhances the efficacy of cell therapy for myocardial infarction of rats. <i>Cardiovascular Therapeutics</i> , 2016, 34, 245-253.	1.1	3
916	Metal elements in tissue with dental peri-implantitis: a pilot study. <i>Clinical Oral Implants Research</i> , 2016, 27, 1178-1186.	1.9	132
917	CD200 increases alternatively activated macrophages through cAMP response element binding protein " C/EBP beta signaling. <i>Journal of Neurochemistry</i> , 2016, 136, 900-906.	2.1	27
918	Occurrence and significance of tumor-associated neutrophils in patients with colorectal cancer. <i>International Journal of Cancer</i> , 2016, 139, 446-456.	2.3	141
919	Macrophage Recruitment Contributes to Regeneration of Mechanosensory Hair Cells in the Zebrafish Lateral Line. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 1880-1889.	1.2	48
920	Epigenetic Modulation in Periodontitis: Interaction of Adiponectin and JMJD3-IRF4 Axis in Macrophages. <i>Journal of Cellular Physiology</i> , 2016, 231, 1090-1096.	2.0	38
921	CD169 identifies an anti-tumour macrophage subpopulation in human hepatocellular carcinoma. <i>Journal of Pathology</i> , 2016, 239, 231-241.	2.1	59
922	Roscovitine ameliorates endotoxin-induced uveitis through neutrophil apoptosis. <i>Molecular Medicine Reports</i> , 2016, 14, 1083-1090.	1.1	6
923	Three Novel Alkaloids from <i>Portulaca oleracea</i> L. and Their Anti-inflammatory Effects. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 5837-5844.	2.4	70
924	Density and Polarization States of Tumor-Associated Macrophages in Human Cutaneous Squamous Cell Carcinomas Arising in Solid Organ Transplant Recipients. <i>Dermatologic Surgery</i> , 2016, 42, S18-S23.	0.4	13
925	The emerging role of Notch pathway in ageing: Focus on the related mechanisms in age-related diseases. <i>Ageing Research Reviews</i> , 2016, 29, 50-65.	5.0	72
926	Microglia activation states and cannabinoid system: Therapeutic implications. , 2016, 166, 40-55.		127
927	Macrophage response to oncolytic paramyxoviruses potentiates virus-mediated tumor cell killing. <i>European Journal of Immunology</i> , 2016, 46, 919-928.	1.6	27
928	Macrophage recruitment by fibrocystin-defective biliary epithelial cells promotes portal fibrosis in congenital hepatic fibrosis. <i>Hepatology</i> , 2016, 63, 965-982.	3.6	80
929	Genetic background affects the expansion of macrophage subsets in the lungs of <i>Mycobacterium tuberculosis</i> -infected hosts. <i>Immunology</i> , 2016, 148, 102-113.	2.0	16
930	Spinal cord injury modulates the lung inflammatory response in mechanically ventilated rats: a comparative animal study. <i>Physiological Reports</i> , 2016, 4, e13009.	0.7	3
932	Bioelectric modulation of macrophage polarization. <i>Scientific Reports</i> , 2016, 6, 21044.	1.6	72

#	ARTICLE	IF	CITATIONS
933	Epigenetic Regulation of Myeloid Cells. <i>Microbiology Spectrum</i> , 2016, 4, .	1.2	20
934	Corilagin ameliorates schistosomiasis hepatic fibrosis through regulating IL-13 associated signal pathway <i>in vitro</i> and <i>in vivo</i> . <i>Parasitology</i> , 2016, 143, 1629-1638.	0.7	19
935	The retinal pigment epithelium as a gateway for monocyte trafficking into the eye. <i>EMBO Journal</i> , 2016, 35, 1219-1235.	3.5	26
936	Macrophage in chronic kidney disease. <i>CKJ: Clinical Kidney Journal</i> , 2016, 9, 765-771.	1.4	101
937	The Regulatory Function of Eosinophils. <i>Microbiology Spectrum</i> , 2016, 4, .	1.2	145
938	A novel miR-200b-3p/p38IP pair regulates monocyte/macrophage differentiation. <i>Cell Discovery</i> , 2016, 2, 15043.	3.1	21
939	Transcriptional Regulation and Macrophage Differentiation. <i>Microbiology Spectrum</i> , 2016, 4, .	1.2	35
940	A novel strain of <i>Bacteroides fragilis</i> enhances phagocytosis and polarises M1 macrophages. <i>Scientific Reports</i> , 2016, 6, 29401.	1.6	79
941	TonEBP suppresses IL-10-mediated immunomodulation. <i>Scientific Reports</i> , 2016, 6, 25726.	1.6	29
942	The interplay of the Notch signaling in hepatic stellate cells and macrophages determines the fate of liver fibrogenesis. <i>Scientific Reports</i> , 2016, 5, 18272.	1.6	70
943	Molecular Mechanisms of Phagosome Formation. <i>Microbiology Spectrum</i> , 2016, 4, .	1.2	25
944	<i>Lactobacillus gasseri</i> SBT2055 inhibits adipose tissue inflammation and intestinal permeability in mice fed a high-fat diet. <i>Journal of Nutritional Science</i> , 2016, 5, e23.	0.7	46
945	Adoptive transfer of M2 macrophages reduces neuropathic pain via opioid peptides. <i>Journal of Neuroinflammation</i> , 2016, 13, 262.	3.1	95
946	“Scar-cinoma” viewing the fibrotic lung mesenchymal cell in the context of cancer biology. <i>European Respiratory Journal</i> , 2016, 47, 1842-1854.	3.1	25
947	Toll-like Receptor 4 on Macrophage Promotes the Development of Steatohepatitis-related Hepatocellular Carcinoma in Mice. <i>Journal of Biological Chemistry</i> , 2016, 291, 11504-11517.	1.6	50
948	The Ontogeny and Microenvironmental Regulation of Tumor-Associated Macrophages. <i>Antioxidants and Redox Signaling</i> , 2016, 25, 775-791.	2.5	45
949	Macrophages and Dendritic Cells. <i>Circulation Research</i> , 2016, 118, 637-652.	2.0	86
950	Ang-2/VEGF bispecific antibody reprograms macrophages and resident microglia to anti-tumor phenotype and prolongs glioblastoma survival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4476-4481.	3.3	287

#	ARTICLE	IF	CITATIONS
951	M1 Macrophages Activate Notch Signalling in Epithelial Cells: Relevance in Crohn's Disease. <i>Journal of Crohn's and Colitis</i> , 2016, 10, 582-592.	0.6	35
952	CSF1 Overexpression Promotes High-Grade Glioma Formation without Impacting the Polarization Status of Glioma-Associated Microglia and Macrophages. <i>Cancer Research</i> , 2016, 76, 2552-2560.	0.4	69
953	In vivo structural and cellular remodeling of engineered bone-ligament-bone constructs used for anterior cruciate ligament reconstruction in sheep. <i>Connective Tissue Research</i> , 2016, 57, 526-538.	1.1	14
954	M1 macrophage infiltrations and histological changes in the liver after portal vein embolization using fibrinogen and OK432 in the rat. <i>Cellular Immunology</i> , 2016, 303, 66-71.	1.4	2
955	Cell-to-Cell Contact and Nectin-4 Govern Spread of Measles Virus from Primary Human Myeloid Cells to Primary Human Airway Epithelial Cells. <i>Journal of Virology</i> , 2016, 90, 6808-6817.	1.5	43
956	Antagonizing Integrin $\beta 3$ Increases Immunosuppression in Cancer. <i>Cancer Research</i> , 2016, 76, 3484-3495.	0.4	58
957	Regenerative medicine in kidney disease. <i>Kidney International</i> , 2016, 90, 289-299.	2.6	36
958	Hemocyanins Stimulate Innate Immunity by Inducing Different Temporal Patterns of Proinflammatory Cytokine Expression in Macrophages. <i>Journal of Immunology</i> , 2016, 196, 4650-4662.	0.4	40
959	Nanostructured glycopolymer augmented liposomes to elucidate carbohydrate-mediated targeting. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 2031-2041.	1.7	25
960	Glycolytic pathway affects differentiation of human monocytes to regulatory macrophages. <i>Immunology Letters</i> , 2016, 176, 18-27.	1.1	68
961	Immuno-responsive Gene 1 and Itaconate Inhibit Succinate Dehydrogenase to Modulate Intracellular Succinate Levels. <i>Journal of Biological Chemistry</i> , 2016, 291, 14274-14284.	1.6	342
962	Emodin Bidirectionally Modulates Macrophage Polarization and Epigenetically Regulates Macrophage Memory. <i>Journal of Biological Chemistry</i> , 2016, 291, 11491-11503.	1.6	59
963	Forkhead Box O1 Regulates Macrophage Polarization Following Staphylococcus aureus Infection: Experimental Murine Data and Review of the Literature. <i>Clinical Reviews in Allergy and Immunology</i> , 2016, 51, 353-369.	2.9	28
964	KCa3.1 inhibition switches the phenotype of glioma-infiltrating microglia/macrophages. <i>Cell Death and Disease</i> , 2016, 7, e2174-e2174.	2.7	60
965	Loss of Keratin 17 induces tissue-specific cytokine polarization and cellular differentiation in HPV16-driven cervical tumorigenesis in vivo. <i>Oncogene</i> , 2016, 35, 5653-5662.	2.6	46
966	Sialylation and desialylation dynamics of monocytes upon differentiation and polarization to macrophages. <i>Glycoconjugate Journal</i> , 2016, 33, 725-733.	1.4	28
967	Vascular Endothelial Growth Factor Receptor Type 1 Signaling Prevents Delayed Wound Healing in Diabetes by Attenuating the Production of IL-1 β -Recruited Macrophages. <i>American Journal of Pathology</i> , 2016, 186, 1481-1498.	1.9	49
968	Label-free identification of macrophage phenotype by fluorescence lifetime imaging microscopy. <i>Journal of Biomedical Optics</i> , 2016, 21, 046005.	1.4	49

#	ARTICLE	IF	CITATIONS
969	Non-invasive Macrophage Tracking Using Novel Porphysome Nanoparticles in the Post-myocardial Infarction Murine Heart. <i>Molecular Imaging and Biology</i> , 2016, 18, 557-568.	1.3	15
970	Early in-situ cellularization of a supramolecular vascular graft is modified by synthetic stromal cell-derived factor-1 α derived peptides. <i>Biomaterials</i> , 2016, 76, 187-195.	5.7	95
971	Dynamic macrophage polarization-specific miRNA patterns reveal increased soluble VEGF receptor 1 by miR-125a-5p inhibition. <i>Physiological Genomics</i> , 2016, 48, 345-360.	1.0	22
972	The Prognostic Significance of pSTAT1 and CD163 Expressions in Surgically Resected Stage 1 Pulmonary Squamous Cell Carcinomas. <i>Annals of Surgical Oncology</i> , 2016, 23, 3071-3081.	0.7	10
973	Hemophagocytic lymphohistiocytosis: an update for nephrologists. <i>International Urology and Nephrology</i> , 2016, 48, 1291-1304.	0.6	20
974	Highly Dynamic Transcriptional Signature of Distinct Macrophage Subsets during Sterile Inflammation, Resolution, and Tissue Repair. <i>Journal of Immunology</i> , 2016, 196, 4771-4782.	0.4	147
975	The potential of intravenous immunoglobulins for cancer therapy: a road that is worth taking?. <i>Immunotherapy</i> , 2016, 8, 601-612.	1.0	8
976	Dimethyl fumarate attenuates experimental autoimmune neuritis through the nuclear factor erythroid-derived 2-related factor 2/hemoxygenase-1 pathway by altering the balance of M1/M2 macrophages. <i>Journal of Neuroinflammation</i> , 2016, 13, 97.	3.1	67
977	Antidepressant therapies inhibit inflammation and microglial M1-polarization. , 2016, 163, 82-93.		167
978	RAD001 (everolimus) attenuates experimental autoimmune neuritis by inhibiting the mTOR pathway, elevating Akt activity and polarizing M2 macrophages. <i>Experimental Neurology</i> , 2016, 280, 106-114.	2.0	25
979	The Atypical Inhibitor of NF- κ B, I κ B β , Controls Macrophage Interleukin-10 Expression. <i>Journal of Biological Chemistry</i> , 2016, 291, 12851-12861.	1.6	36
980	Hemopexin therapy reverts heme-induced proinflammatory phenotypic switching of macrophages in a mouse model of sickle cell disease. <i>Blood</i> , 2016, 127, 473-486.	0.6	213
981	Utilizing cell-based therapeutics to overcome immune evasion in hematologic malignancies. <i>Blood</i> , 2016, 127, 3350-3359.	0.6	33
982	IRF5 and IRF5 Disease-Risk Variants Increase Glycolysis and Human M1 Macrophage Polarization by Regulating Proximal Signaling and Akt2 Activation. <i>Cell Reports</i> , 2016, 16, 2442-2455.	2.9	81
983	Macrophage interactions with polylactic acid and chitosan scaffolds lead to improved recruitment of human mesenchymal stem/stromal cells: a comprehensive study with different immune cells. <i>Journal of the Royal Society Interface</i> , 2016, 13, 20160570.	1.5	36
984	Mast cells are not associated with systemic insulin resistance. <i>European Journal of Clinical Investigation</i> , 2016, 46, 911-919.	1.7	8
985	Hepatocellular carcinoma is accelerated by NASH involving M2 macrophage polarization mediated by hif-1 α -induced IL-10. <i>Oncolmmunology</i> , 2016, 5, e1221557.	2.1	65
986	Transcriptional and metabolic reprogramming induce an inflammatory phenotype in non-medullary thyroid carcinoma-induced macrophages. <i>Oncolmmunology</i> , 2016, 5, e1229725.	2.1	95

#	ARTICLE	IF	CITATIONS
987	Frontline Science: Defects in immune function in patients with sepsis are associated with PD-1 or PD-L1 expression and can be restored by antibodies targeting PD-1 or PD-L1. <i>Journal of Leukocyte Biology</i> , 2016, 100, 1239-1254.	1.5	163
988	Regulation of the IL-10-driven macrophage phenotype under incoherent stimuli. <i>Innate Immunity</i> , 2016, 22, 647-657.	1.1	60
989	Kruppel-like Factor 6 Promotes Macrophage-mediated Inflammation by Suppressing B Cell Leukemia/Lymphoma 6 Expression. <i>Journal of Biological Chemistry</i> , 2016, 291, 21271-21282.	1.6	54
990	Safety and Therapeutic Potential of M2 Macrophages in Stroke Treatment. <i>Cell Transplantation</i> , 2016, 25, 1461-1471.	1.2	73
991	Layer-by-layer nanocoating of live Bacille-Calmette-Guérin mycobacteria with poly(I:C) and chitosan enhances pro-inflammatory activation and bactericidal capacity in murine macrophages. <i>Biomaterials</i> , 2016, 111, 1-12.	5.7	21
992	Mitochondrial Dysfunction Prevents Repolarization of Inflammatory Macrophages. <i>Cell Reports</i> , 2016, 17, 684-696.	2.9	595
993	ISN Forefronts Symposium 2015: The Diverse Function of Macrophages in Renal Disease. <i>Kidney International Reports</i> , 2016, 1, 204-209.	0.4	0
994	Regulation of IL-4 Expression in Immunity and Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2016, 941, 31-77.	0.8	67
995	Poly(ADP-ribose) polymerase is not involved in the neuroprotection exerted by azithromycin against ischemic stroke in mice. <i>European Journal of Pharmacology</i> , 2016, 791, 518-522.	1.7	16
996	Macrophages are essential for maintaining a M2 protective response early after ischemic brain injury. <i>Neurobiology of Disease</i> , 2016, 96, 284-293.	2.1	82
997	A novel real time imaging platform to quantify macrophage phagocytosis. <i>Biochemical Pharmacology</i> , 2016, 116, 107-119.	2.0	127
998	Regulation of macrophage polarization and plasticity by complex activation signals. <i>Integrative Biology (United Kingdom)</i> , 2016, 8, 946-955.	0.6	111
999	Neuroprotective Properties of a Macrolide Antibiotic in a Mouse Model of Middle Cerebral Artery Occlusion: Characterization of the Immunomodulatory Effects and Validation of the Efficacy of Intravenous Administration. <i>Assay and Drug Development Technologies</i> , 2016, 14, 298-307.	0.6	21
1000	The farnesoid-X-receptor in myeloid cells controls CNS autoimmunity in an IL-10-dependent fashion. <i>Acta Neuropathologica</i> , 2016, 132, 413-431.	3.9	26
1001	M1-/M2-macrophage polarization in pseudolobules consisting of adipophilin-rich hepatocytes in thioacetamide (TAA)-induced rat hepatic cirrhosis. <i>Experimental and Molecular Pathology</i> , 2016, 101, 133-142.	0.9	12
1002	NOX2 drives M1-like microglial/macrophage activation and neurodegeneration following experimental traumatic brain injury. <i>Brain, Behavior, and Immunity</i> , 2016, 58, 291-309.	2.0	152
1003	Human Influenza Virus Infections. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2016, 37, 487-500.	0.8	154
1004	Immune-checkpoint expression in Epstein-Barr virus positive and negative plasmablastic lymphoma: a clinical and pathological study in 82 patients. <i>Haematologica</i> , 2016, 101, 976-984.	1.7	70

#	ARTICLE	IF	CITATIONS
1005	Cut Check: IFN γ Delays Mucosal Recovery during Antibiotic Therapy. <i>Cell Host and Microbe</i> , 2016, 20, 128-129.	5.1	0
1006	Inflammation from the Standpoint of Leukocytes. , 2016, , 17-39.		1
1007	Efferocytosis as a regulator of macrophage chemokine receptor expression and polarization. <i>European Journal of Immunology</i> , 2016, 46, 1592-1599.	1.6	32
1008	Tumor-associated macrophages induce capillary morphogenesis of lymphatic endothelial cells derived from human gastric cancer. <i>Cancer Science</i> , 2016, 107, 1101-1109.	1.7	20
1009	Emerging role of microRNA's in regulating macrophage activation and polarization in immune response and inflammation. <i>Immunology</i> , 2016, 148, 237-248.	2.0	100
1010	Atherogenesis: hyperhomocysteinemia interactions with LDL, macrophage function, paraoxonase 1, and exercise. <i>Annals of the New York Academy of Sciences</i> , 2016, 1363, 138-154.	1.8	37
1011	The macrophage and its role in inflammation and tissue repair: mathematical and systems biology approaches. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2016, 8, 87-99.	6.6	50
1012	Inhibition of Rho-kinase by Fasudil protects dopamine neurons and attenuates inflammatory response in an intranasal lipopolysaccharide-mediated Parkinson's model. <i>European Journal of Neuroscience</i> , 2016, 43, 41-52.	1.2	39
1013	Prognostic value of polarized macrophages in patients with hepatocellular carcinoma after curative resection. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 1024-1035.	1.6	34
1014	IL-4 drives microglia and macrophages toward a phenotype conducive for tissue repair and functional recovery after spinal cord injury. <i>Glia</i> , 2016, 64, 2079-2092.	2.5	156
1015	Inflammation and macrophage polarization in cutaneous melanoma: Histopathological and immunohistochemical study. <i>International Journal of Immunopathology and Pharmacology</i> , 2016, 29, 715-719.	1.0	14
1016	VIP impairs acquisition of the macrophage proinflammatory polarization profile. <i>Journal of Leukocyte Biology</i> , 2016, 100, 1385-1393.	1.5	28
1017	Polarized macrophages treated with nonylphenol differently regulate lipopolysaccharide-induced sepsis. <i>Environmental Toxicology</i> , 2016, 31, 2081-2089.	2.1	6
1018	Potential therapeutic targets for inflammation in toll-like receptor 4 (TLR4)-mediated signaling pathways. <i>International Immunopharmacology</i> , 2016, 40, 79-89.	1.7	129
1019	Controlled Release of Small Molecules from Elastomers for Reducing Epidermal Downgrowth in Percutaneous Devices. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 1464-1470.	2.6	9
1020	The Polarization of M2b Monocytes in Cultures of Burn Patient Peripheral CD14+ Cells Treated with a Selected Human CCL1 Antisense Oligodeoxynucleotide. <i>Nucleic Acid Therapeutics</i> , 2016, 26, 269-276.	2.0	12
1021	Pleural Effusion of Patients with Malignant Mesothelioma Induces Macrophage-Mediated T Cell Suppression. <i>Journal of Thoracic Oncology</i> , 2016, 11, 1755-1764.	0.5	59
1022	Killing Is Not Enough: How Apoptosis Hijacks Tumor-Associated Macrophages to Promote Cancer Progression. <i>Advances in Experimental Medicine and Biology</i> , 2016, 930, 205-239.	0.8	32

#	ARTICLE	IF	CITATIONS
1023	Inflammation-induced up-regulation of hepcidin and down-regulation of ferroportin transcription are dependent on macrophage polarization. <i>Blood Cells, Molecules, and Diseases</i> , 2016, 61, 16-25.	0.6	29
1024	Different expression and subcellular localization of Phosphoinositide-specific Phospholipase C enzymes in differently polarized macrophages. <i>Journal of Cell Communication and Signaling</i> , 2016, 10, 283-293.	1.8	17
1025	Macrophage and Mycobacterium: The war without beginning or end. <i>Biology Bulletin Reviews</i> , 2016, 6, 289-308.	0.3	2
1026	A parasite-derived 68-mer peptide ameliorates autoimmune disease in murine models of Type 1 diabetes and multiple sclerosis. <i>Scientific Reports</i> , 2016, 6, 37789.	1.6	34
1027	TNF α -stimulated gene-6 (TSG6) activates macrophage phenotype transition to prevent inflammatory lung injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E8151-E8158.	3.3	139
1028	Surface modification of nanoparticles enables selective evasion of phagocytic clearance by distinct macrophage phenotypes. <i>Scientific Reports</i> , 2016, 6, 26269.	1.6	167
1029	Adaptive Characteristics of Innate Immune Responses in Macrophages. <i>Microbiology Spectrum</i> , 2016, 4, .	1.2	13
1030	Chemoresistance in Pancreatic Cancer Is Driven by Stroma-Derived Insulin-Like Growth Factors. <i>Cancer Research</i> , 2016, 76, 6851-6863.	0.4	209
1031	Molecular and Cellular Responses to Interleukin-4 Treatment in a Rat Model of Transient Ischemia. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016, 75, 1058-1071.	0.9	46
1032	Rabbit M1 and M2 macrophages can be induced by human recombinant GM-CSF and M-CSF. <i>FEBS Open Bio</i> , 2016, 6, 945-953.	1.0	16
1033	Everolimus (RAD001) ameliorates vascular cognitive impairment by regulating microglial function via the mTORC1 signaling pathway. <i>Journal of Neuroimmunology</i> , 2016, 299, 164-171.	1.1	26
1034	The Role of Selenoproteins in Resolution of Inflammation. , 2016, , 499-510.		5
1035	Dissonant response of M0/M2 and M1 bone-marrow-derived macrophages to RhoA pathway interference. <i>Cell and Tissue Research</i> , 2016, 366, 707-720.	1.5	23
1036	PI3K β is a molecular switch that controls immune suppression. <i>Nature</i> , 2016, 539, 437-442.	13.7	884
1037	High mobility group box 1 skews macrophage polarization and negatively influences phagocytosis of apoptotic cells. <i>Rheumatology</i> , 2016, 55, 2260-2270.	0.9	50
1038	PKA regulatory II β subunit is essential for PGD ₂ -mediated resolution of inflammation. <i>Journal of Experimental Medicine</i> , 2016, 213, 2209-2226.	4.2	55
1039	Pathogenesis of Kupffer Cells in Cholestatic Liver Injury. <i>American Journal of Pathology</i> , 2016, 186, 2238-2247.	1.9	74
1040	Yeast (<i>Saccharomyces cerevisiae</i>) Polarizes Both M-CSF- and GM-CSF-Differentiated Macrophages Toward an M1-Like Phenotype. <i>Inflammation</i> , 2016, 39, 1690-1703.	1.7	15

#	ARTICLE	IF	CITATIONS
1041	Bone Marrow Mesenchymal Stem Cell-Based Engineered Cartilage Ameliorates Polyglycolic Acid/Polylactic Acid Scaffold-Induced Inflammation Through M2 Polarization of Macrophages in a Pig Model. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1079-1089.	1.6	71
1042	M2 polarization of murine peritoneal macrophages induces regulatory cytokine production and suppresses T cell proliferation. <i>Immunology</i> , 2016, 149, 320-328.	2.0	78
1043	Syndesome Therapeutics for Enhancing Diabetic Wound Healing. <i>Advanced Healthcare Materials</i> , 2016, 5, 2248-2260.	3.9	35
1044	Macrophage form, function, and phenotype in mycobacterial infection: lessons from tuberculosis and other diseases. <i>Pathogens and Disease</i> , 2016, 74, ftw068.	0.8	116
1045	Interactions Between the Immune and the Renin-Angiotensin Systems in Hypertension. <i>Hypertension</i> , 2016, 68, 289-296.	1.3	54
1046	Modulation of Macrophage Activation. , 2016, , 123-149.		1
1047	Advanced Age Alters Monocyte and Macrophage Responses. <i>Antioxidants and Redox Signaling</i> , 2016, 25, 805-815.	2.5	77
1048	Arterial Effects of Canakinumab in Patients With Atherosclerosis and Type 2 Diabetes or Glucose Intolerance. <i>Journal of the American College of Cardiology</i> , 2016, 68, 1769-1780.	1.2	75
1049	Monocyte polarization in children with falciparum malaria: relationship to nitric oxide insufficiency and disease severity. <i>Scientific Reports</i> , 2016, 6, 29151.	1.6	38
1050	The transcriptional coregulator GRIP1 controls macrophage polarization and metabolic homeostasis. <i>Nature Communications</i> , 2016, 7, 12254.	5.8	37
1051	Mechanism of Corilagin interference with IL-13/STAT6 signaling pathways in hepatic alternative activation macrophages in schistosomiasis-induced liver fibrosis in mouse model. <i>European Journal of Pharmacology</i> , 2016, 793, 119-126.	1.7	47
1052	One microenvironment does not fit all: heterogeneity beyond cancer cells. <i>Cancer and Metastasis Reviews</i> , 2016, 35, 601-629.	2.7	58
1053	Therapeutic targeting of myeloid-derived suppressor cells involves a novel mechanism mediated by clusterin. <i>Scientific Reports</i> , 2016, 6, 29521.	1.6	27
1054	A Porcine Urinary Bladder Matrix Does Not Recapitulate the Spatiotemporal Macrophage Response of Muscle Regeneration after Volumetric Muscle Loss Injury. <i>Cells Tissues Organs</i> , 2016, 202, 189-201.	1.3	18
1055	Evaluation of the potential therapeutic benefits of macrophage reprogramming in multiple myeloma. <i>Blood</i> , 2016, 128, 2241-2252.	0.6	54
1056	STAT Proteins in Cancer. <i>Cancer Drug Discovery and Development</i> , 2016, , 33-47.	0.2	1
1057	Adipose tissue macrophage in immune regulation of metabolism. <i>Science China Life Sciences</i> , 2016, 59, 1232-1240.	2.3	11
1058	Enhanced sensitivity of Neil1 ^{-/-} mice to chronic UVB exposure. <i>DNA Repair</i> , 2016, 48, 43-50.	1.3	11

#	ARTICLE	IF	CITATIONS
1059	Upregulation of MKP-7 in response to rosiglitazone treatment ameliorates lipopolysaccharide-induced destabilization of SIRT1 by inactivating JNK. <i>Pharmacological Research</i> , 2016, 114, 47-55.	3.1	15
1060	MicroR-146 blocks the activation of M1 macrophage by targeting signal transducer and activator of transcription 1 in hepatic schistosomiasis. <i>EBioMedicine</i> , 2016, 13, 339-347.	2.7	69
1061	Autophagy induced by AXL receptor tyrosine kinase alleviates acute liver injury via inhibition of NLRP3 inflammasome activation in mice. <i>Autophagy</i> , 2016, 12, 2326-2343.	4.3	100
1062	Monocytic MKP-1 is a Sensor of the Metabolic Environment and Regulates Function and Phenotypic Fate of Monocyte-Derived Macrophages in Atherosclerosis. <i>Scientific Reports</i> , 2016, 6, 34223.	1.6	13
1063	The Acute-on-Chronic Liver Failure Syndrome, or When the Innate Immune System Goes Astray. <i>Journal of Immunology</i> , 2016, 197, 3755-3761.	0.4	91
1064	Regulation of Chronic Inflammation by Control of Macrophage Activation and Polarization. , 2016, , 97-107.		0
1065	Recommendations for myeloid-derived suppressor cell nomenclature and characterization standards. <i>Nature Communications</i> , 2016, 7, 12150.	5.8	2,076
1066	M2-polarized macrophages contribute to neovasculogenesis, leading to relapse of oral cancer following radiation. <i>Scientific Reports</i> , 2016, 6, 27548.	1.6	74
1067	Blocking Notch signal in myeloid cells alleviates hepatic ischemia reperfusion injury by repressing the activation of NF- κ B through CYLD. <i>Scientific Reports</i> , 2016, 6, 32226.	1.6	12
1068	AGEs Induced Autophagy Impairs Cutaneous Wound Healing via Stimulating Macrophage Polarization to M1 in Diabetes. <i>Scientific Reports</i> , 2016, 6, 36416.	1.6	84
1069	Polarization of M2 macrophages requires Lamtor1 that integrates cytokine and amino-acid signals. <i>Nature Communications</i> , 2016, 7, 13130.	5.8	114
1070	Identification of Differentially Expressed Long Non-coding RNAs in Polarized Macrophages. <i>Scientific Reports</i> , 2016, 6, 19705.	1.6	63
1071	Macrophage Metabolism Controls Tumor Blood Vessel Morphogenesis and Metastasis. <i>Cell Metabolism</i> , 2016, 24, 701-715.	7.2	352
1072	Cardiac fibroblast cytokine profiles induced by proinflammatory or profibrotic stimuli promote monocyte recruitment and modulate macrophage M1/M2 balance in vitro. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 101, 69-80.	0.9	51
1073	Deleting an Nr4a1 Super-Enhancer Subdomain Ablates Ly6C low Monocytes while Preserving Macrophage Gene Function. <i>Immunity</i> , 2016, 45, 975-987.	6.6	127
1074	Follicular Lymphoma: The Role of the Tumor Microenvironment in Prognosis. <i>Journal of Clinical and Experimental Hematopathology: JCEH</i> , 2016, 56, 1-19.	0.3	39
1075	Contribution of INTRAMUSCULAR Autologous Adipose Tissue-Derived Stem Cell Injections to Treat Cutaneous Radiation Syndrome. <i>Health Physics</i> , 2016, 111, 117-126.	0.3	18
1076	Platelets and plasma stimulate sheep rotator cuff tendon tenocytes when cultured in an extracellular matrix scaffold. <i>Journal of Orthopaedic Research</i> , 2016, 34, 623-629.	1.2	15

#	ARTICLE	IF	CITATIONS
1077	Diffuse traumatic axonal injury in mice induces complex behavioural alterations that are normalized by neutralization of interleukin-1 β . <i>European Journal of Neuroscience</i> , 2016, 43, 1016-1033.	1.2	19
1078	Macrophages Play a Key Role in the Obesity-Induced Periodontal Innate Immune Dysfunction via Nucleotide-Binding Oligomerization Domain-Like Receptor Protein 3 Pathway. <i>Journal of Periodontology</i> , 2016, 87, 1195-1205.	1.7	30
1079	Enhanced resolution of experimental ARDS through IL-4-mediated lung macrophage reprogramming. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 310, L733-L746.	1.3	83
1080	The molecular basis of hypertrophic scars. <i>Burns and Trauma</i> , 2016, 4, 2.	2.3	92
1081	Interleukin-36 potently stimulates human M2 macrophages, Langerhans cells and keratinocytes to produce pro-inflammatory cytokines. <i>Cytokine</i> , 2016, 84, 88-98.	1.4	70
1082	Role for phospholipid acyl chains and cholesterol in pulmonary infections and inflammation. <i>Journal of Leukocyte Biology</i> , 2016, 100, 985-997.	1.5	15
1083	Relationship between tumor-associated macrophage subsets and CD47 expression in squamous cell carcinoma of the head and neck in the tumor microenvironment. <i>Laboratory Investigation</i> , 2016, 96, 994-1003.	1.7	58
1084	The ecto-ATPase CD39 is involved in the acquisition of the immunoregulatory phenotype by M-CSF-macrophages and ovarian cancer tumor-associated macrophages: Regulatory role of IL-27. <i>Onc Immunology</i> , 2016, 5, e1178025.	2.1	46
1085	Isolation of Mouse and Human Tumor-Associated Macrophages. <i>Advances in Experimental Medicine and Biology</i> , 2016, 899, 211-229.	0.8	52
1086	IL-10 is required for polarization of macrophages to M2-like phenotype by mycobacterial DnaK (heat) Tj ETQq1 1 0.784314 rgBT /Overlo	1.4	80
1087	Functional expression of aryl hydrocarbon receptor on mast cells populating human endometriotic tissues. <i>Laboratory Investigation</i> , 2016, 96, 959-971.	1.7	27
1088	Role of Macrophage (M1 and M2) in Titanium-Dioxide Nanoparticle-Induced Oxidative Stress and Inflammatory Response in Rat. <i>Applied Biochemistry and Biotechnology</i> , 2016, 180, 1257-1275.	1.4	29
1089	Resolvin D1 protects the liver from ischemia/reperfusion injury by enhancing M2 macrophage polarization and efferocytosis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 1025-1035.	1.2	78
1090	Noble metal nanoparticle-induced oxidative stress modulates tumor associated macrophages (TAMs) from an M2 to M1 phenotype: An in vitro approach. <i>International Immunopharmacology</i> , 2016, 38, 332-341.	1.7	69
1091	The role of myeloid cells in cancer therapies. <i>Nature Reviews Cancer</i> , 2016, 16, 447-462.	12.8	570
1092	AHR-related activities in a creosote-adapted population of adult atlantic killifish, <i>Fundulus heteroclitus</i> , two decades post-EPA superfund status at the Atlantic Wood Site, Portsmouth, VA USA. <i>Aquatic Toxicology</i> , 2016, 177, 74-85.	1.9	8
1093	Checkpoint inhibition for colorectal cancer: progress and possibilities. <i>Immunotherapy</i> , 2016, 8, 693-704.	1.0	5
1094	A transcriptome-based global map of signaling pathways in the ovarian cancer microenvironment associated with clinical outcome. <i>Genome Biology</i> , 2016, 17, 108.	3.8	95

#	ARTICLE	IF	CITATIONS
1095	Suppression of microRNA activity amplifies IFN- β -induced macrophage activation and promotes anti-tumour immunity. <i>Nature Cell Biology</i> , 2016, 18, 790-802.	4.6	214
1096	Glioma-mediated microglial activation promotes glioma proliferation and migration: roles of Na ⁺ /H ⁺ exchanger isoform 1. <i>Carcinogenesis</i> , 2016, 37, 839-851.	1.3	54
1097	The Immune System and Its Contribution to the Radiotherapeutic Response of Glioblastoma. <i>Current Clinical Pathology</i> , 2016, , 155-175.	0.0	0
1098	On the Roles of the Transient Receptor Potential Canonical 3 (TRPC3) Channel in Endothelium and Macrophages: Implications in Atherosclerosis. <i>Advances in Experimental Medicine and Biology</i> , 2016, 898, 185-199.	0.8	10
1099	Role of intratumoral infiltrating macrophages after transarterial immunoembolization for hepatocellular carcinoma. <i>Journal of Hepato-Biliary-Pancreatic Sciences</i> , 2016, 23, 298-304.	1.4	2
1100	Divergent impact of Toll-like receptor 2 deficiency on repair mechanisms in healthy muscle versus Duchenne muscular dystrophy. <i>Journal of Pathology</i> , 2016, 239, 10-22.	2.1	33
1101	Non-Invasive Imaging Serum Amyloid A Activation through the NF- κ B Signal Pathway upon Gold Nanostructure Exposure. <i>Small</i> , 2016, 12, 3270-3282.	5.2	7
1102	Mesenchymal Stem Cells Induce Suppressive Macrophages Through Phagocytosis in a Mouse Model of Asthma. <i>Stem Cells</i> , 2016, 34, 1836-1845.	1.4	140
1103	Diabetic Wounds Exhibit Decreased Ym1 and Arginase Expression with Increased Expression of IL-17 and IL-20. <i>Advances in Wound Care</i> , 2016, 5, 486-494.	2.6	25
1104	The natural behavior of mononuclear phagocytes in HTS formation. <i>Wound Repair and Regeneration</i> , 2016, 24, 14-25.	1.5	14
1105	The impact of surface chemistry modification on macrophage polarisation. <i>Immunobiology</i> , 2016, 221, 1237-1246.	0.8	86
1106	Aldose Reductase Regulates Microglia/Macrophages Polarization Through the cAMP Response Element-Binding Protein After Spinal Cord Injury in Mice. <i>Molecular Neurobiology</i> , 2016, 53, 662-676.	1.9	53
1107	The contribution of astrocytes and microglia to traumatic brain injury. <i>British Journal of Pharmacology</i> , 2016, 173, 692-702.	2.7	447
1108	Intravitreally Injected HcMel12 Melanoma Cells Serve as a Mouse Model of Tumor Biology of Intraocular Melanoma. <i>Current Eye Research</i> , 2016, 41, 121-128.	0.7	11
1109	Differential Ly6C Expression after Renal Ischemia-Reperfusion Identifies Unique Macrophage Populations. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 159-170.	3.0	64
1111	Estrogen receptor α in cancer associated fibroblasts suppresses prostate cancer invasion via reducing CCL5, IL6 and macrophage infiltration in the tumor microenvironment. <i>Molecular Cancer</i> , 2016, 15, 7.	7.9	47
1112	Effects of Water-Soluble Polysaccharides with Different Chemical Structure, Isolated from <i>Acorus calamus</i> L. and <i>Trifolium pratense</i> L., on Nitric Oxide Production: A Screening Study. <i>Bulletin of Experimental Biology and Medicine</i> , 2016, 160, 330-335.	0.3	2
1113	MiR-146a modulates macrophage polarization by inhibiting Notch1 pathway in RAW264.7 macrophages. <i>International Immunopharmacology</i> , 2016, 32, 46-54.	1.7	130

#	ARTICLE	IF	CITATIONS
1114	Master and commander: epigenetic regulation of macrophages. <i>Cell Research</i> , 2016, 26, 145-146.	5.7	18
1115	Exposure to p,p'-DDE Alters Macrophage Reactivity and Increases Macrophage Numbers in Adipose Stromal Vascular Fraction. <i>Toxicological Sciences</i> , 2016, 150, 169-177.	1.4	16
1116	Post-Sepsis State Induces Tumor-Associated Macrophage Accumulation through CXCR4/CXCL12 and Favors Tumor Progression in Mice. <i>Cancer Immunology Research</i> , 2016, 4, 312-322.	1.6	45
1117	Myeloid-Epithelial-Reproductive Receptor Tyrosine Kinase and Milk Fat Globule Epidermal Growth Factor 8 Coordinately Improve Remodeling After Myocardial Infarction via Local Delivery of Vascular Endothelial Growth Factor. <i>Circulation</i> , 2016, 133, 826-839.	1.6	113
1118	Salmonella typhimurium-induced M1 macrophage polarization is dependent on the bacterial O antigen. <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 22.	1.7	13
1119	IL-10 Indirectly Regulates Corneal Lymphangiogenesis and Resolution of Inflammation via Macrophages. <i>American Journal of Pathology</i> , 2016, 186, 159-171.	1.9	56
1120	Niche Regulation of Limbal Epithelial Stem Cells: Relationship between Inflammation and Regeneration. <i>Ocular Surface</i> , 2016, 14, 100-112.	2.2	61
1121	Tumor-associated macrophages of the M2 phenotype contribute to progression in gastric cancer with peritoneal dissemination. <i>Gastric Cancer</i> , 2016, 19, 1052-1065.	2.7	197
1122	A Central Role for Monocyte-Platelet Interactions in Heart Failure. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2016, 21, 245-261.	1.0	22
1123	Luteolin inhibits recruitment of monocytes and migration of Lewis lung carcinoma cells by suppressing chemokine (C-C motif) ligand 2 expression in tumor-associated macrophage. <i>Biochemical and Biophysical Research Communications</i> , 2016, 470, 101-106.	1.0	49
1124	Comparative proteomic analysis of growth hormone secretagogue A233 treatment of murine macrophage cells J774A.2 indicates it has a role in antiviral innate response. <i>Biochemistry and Biophysics Reports</i> , 2016, 5, 379-387.	0.7	7
1125	Fractalkine Receptor Deficiency Is Associated with Early Protection but Late Worsening of Outcome following Brain Trauma in Mice. <i>Journal of Neurotrauma</i> , 2016, 33, 1060-1072.	1.7	75
1126	Surgical meshes coated with mesenchymal stem cells provide an anti-inflammatory environment by a M2 macrophage polarization. <i>Acta Biomaterialia</i> , 2016, 31, 221-230.	4.1	32
1127	Azithromycin protects mice against ischemic stroke injury by promoting macrophage transition towards M2 phenotype. <i>Experimental Neurology</i> , 2016, 275, 116-125.	2.0	81
1128	Inflammation and preterm birth. <i>Journal of Leukocyte Biology</i> , 2016, 99, 67-78.	1.5	227
1129	Nitro-oleic acid modulates classical and regulatory activation of macrophages and their involvement in pro-fibrotic responses. <i>Free Radical Biology and Medicine</i> , 2016, 90, 252-260.	1.3	44
1130	Conversion of human M-CSF macrophages into foam cells reduces their proinflammatory responses to classical M1-polarizing activation. <i>Atherosclerosis</i> , 2016, 248, 170-178.	0.4	35
1131	Macrophages in Tissue Repair, Regeneration, and Fibrosis. <i>Immunity</i> , 2016, 44, 450-462.	6.6	2,591

#	ARTICLE	IF	CITATIONS
1132	Monocyte and interferon based therapy for the treatment of ovarian cancer. <i>Cytokine and Growth Factor Reviews</i> , 2016, 29, 109-115.	3.2	27
1133	Modulatory effects of $\hat{1}\pm 7$ nAChRs on the immune system and its relevance for CNS disorders. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 2511-2530.	2.4	135
1134	Immunoproteasome dysfunction augments alternative polarization of alveolar macrophages. <i>Cell Death and Differentiation</i> , 2016, 23, 1026-1037.	5.0	46
1135	Dermatomyositis With or Without Anti-Melanoma Differentiation-Associated Gene 5 Antibodies. <i>American Journal of Pathology</i> , 2016, 186, 691-700.	1.9	78
1136	Epigenetic Regulation of Monocyte and Macrophage Function. <i>Antioxidants and Redox Signaling</i> , 2016, 25, 758-774.	2.5	104
1137	Interleukin-12 inhibits the hepatocellular carcinoma growth by inducing macrophage polarization to the M1-like phenotype through downregulation of Stat-3. <i>Molecular and Cellular Biochemistry</i> , 2016, 415, 157-168.	1.4	46
1138	Palmitate differentially regulates the polarization of differentiating and differentiated macrophages. <i>Immunology</i> , 2016, 147, 82-96.	2.0	34
1139	Inflammation and the coagulation system in tuberculosis: Tissue Factor leads the dance. <i>European Journal of Immunology</i> , 2016, 46, 303-306.	1.6	23
1140	Regular physical activity prevents chronic pain by altering resident muscle macrophage phenotype and increasing interleukin-10 in mice. <i>Pain</i> , 2016, 157, 70-79.	2.0	120
1141	Introduction of antineoplastic drug NSC631570 in an inpatient and outpatient setting: Comparative evaluation of biological effects. <i>Asian Journal of Pharmaceutical Sciences</i> , 2016, 11, 308-317.	4.3	3
1142	MiRNA-Mediated Macrophage Polarization and its Potential Role in the Regulation of Inflammatory Response. <i>Shock</i> , 2016, 46, 122-131.	1.0	424
1143	Ontogeny of Tumor-Associated Macrophages and Its Implication in Cancer Regulation. <i>Trends in Cancer</i> , 2016, 2, 20-34.	3.8	126
1144	Mouse macrophage polarity and ROCK1 activity depend on RhoA and non-apoptotic Caspase 3. <i>Experimental Cell Research</i> , 2016, 341, 225-236.	1.2	33
1145	Effects of nanocrystalline hydroxyapatites on macrophage polarization. <i>Journal of Materials Chemistry B</i> , 2016, 4, 1951-1959.	2.9	38
1146	Tumor cell-derived microparticles polarize M2 tumor-associated macrophages for tumor progression. <i>Oncot Immunology</i> , 2016, 5, e1118599.	2.1	85
1147	Genetic Deletion of Galectin-3 Does Not Impair Full-Thickness Excisional Skin Healing. <i>Journal of Investigative Dermatology</i> , 2016, 136, 1042-1050.	0.3	16
1148	Macrophage polarization in response to oral commensals and pathogens. <i>Pathogens and Disease</i> , 2016, 74, ftw011.	0.8	34
1149	In situ expression of M2 macrophage subpopulation in leprosy skin lesions. <i>Acta Tropica</i> , 2016, 157, 108-114.	0.9	46

#	ARTICLE	IF	CITATIONS
1150	An M1-like Macrophage Polarization in Decidual Tissue during Spontaneous Preterm Labor That Is Attenuated by Rosiglitazone Treatment. <i>Journal of Immunology</i> , 2016, 196, 2476-2491.	0.4	147
1151	Structural Characterization and Immunomodulatory Activity of a Novel Polysaccharide from <i>Lepidium meyenii</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 1921-1931.	2.4	181
1152	Chop Deficiency Protects Mice Against Bleomycin-induced Pulmonary Fibrosis by Attenuating M2 Macrophage Production. <i>Molecular Therapy</i> , 2016, 24, 915-925.	3.7	165
1153	Tasquinimod modulates tumor-infiltrating myeloid cells and improves the antitumor immune response to PD-L1 blockade in bladder cancer. <i>Oncot Immunology</i> , 2016, 5, e1145333.	2.1	12
1154	Pathogenesis of NAFLD and NASH. , 2016, , 71-101.		5
1155	Bowman's Birk inhibitor concentrate suppresses experimental autoimmune neuritis via shifting macrophages from M1 to M2 subtype. <i>Immunology Letters</i> , 2016, 171, 15-25.	1.1	11
1156	Unique immunomodulatory effect of paeoniflorin on type I and II macrophages activities. <i>Journal of Pharmacological Sciences</i> , 2016, 130, 143-150.	1.1	35
1157	Carboxyl- and amino-functionalized polystyrene nanoparticles differentially affect the polarization profile of M1 and M2 macrophage subsets. <i>Biomaterials</i> , 2016, 85, 78-87.	5.7	141
1158	Acute Effects of Linagliptin on Progenitor Cells, Monocyte Phenotypes, and Soluble Mediators in Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 748-756.	1.8	65
1159	Immune Homeostatic Macrophages Programmed by the Bacterial Surface Protein NhhA Potentiate Nasopharyngeal Carriage of <i>Neisseria meningitidis</i> . <i>MBio</i> , 2016, 7, e01670-15.	1.8	16
1160	Prognostic significance of macrophage polarization in early stage oral squamous cell carcinomas. <i>Oral Oncology</i> , 2016, 52, 75-84.	0.8	60
1161	A reappraisal of macrophage polarization in glioblastoma: Histopathological and immunohistochemical findings and review of the literature. <i>Pathology Research and Practice</i> , 2016, 212, 491-499.	1.0	25
1162	Attenuation of the programmed cell death-1 pathway increases the M1 polarization of macrophages induced by zymosan. <i>Cell Death and Disease</i> , 2016, 7, e2115-e2115.	2.7	71
1163	Titanium surface characteristics, including topography and wettability, alter macrophage activation. <i>Acta Biomaterialia</i> , 2016, 31, 425-434.	4.1	471
1164	Evidence of CCR2-independent transmigration of Ly6C ^{hi} monocytes into the brain after permanent cerebral ischemia in mice. <i>Brain Research</i> , 2016, 1637, 118-127.	1.1	20
1165	Alternatively Activated Macrophages Boost Induced Regulatory T and Th17 Cell Responses during Immunotherapy for Colitis. <i>Journal of Immunology</i> , 2016, 196, 3305-3317.	0.4	39
1166	IL-19 Halts Progression of Atherosclerotic Plaque, Polarizes, and Increases Cholesterol Uptake and Efflux in Macrophages. <i>American Journal of Pathology</i> , 2016, 186, 1361-1374.	1.9	39
1167	IL-4 Release from a Biomimetic Scaffold for the Temporally Controlled Modulation of Macrophage Response. <i>Annals of Biomedical Engineering</i> , 2016, 44, 2008-2019.	1.3	54

#	ARTICLE	IF	CITATIONS
1168	Depletion of Hepatic Macrophages Aggravates Liver Lesions Induced in Rats by Thioacetamide (TAA). <i>Toxicologic Pathology</i> , 2016, 44, 246-258.	0.9	25
1169	Role of the tumor stroma in resistance to anti-angiogenic therapy. <i>Drug Resistance Updates</i> , 2016, 25, 26-37.	6.5	88
1170	Tumor-associated macrophages and anti-tumor therapies: complex links. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 2411-2424.	2.4	99
1171	Resolvin D1 Polarizes Primary Human Macrophages toward a Proresolution Phenotype through GPR32. <i>Journal of Immunology</i> , 2016, 196, 3429-3437.	0.4	85
1172	Pathophysiological mechanisms and therapeutic potentials of macrophages in non-alcoholic steatohepatitis. <i>Expert Opinion on Therapeutic Targets</i> , 2016, 20, 615-626.	1.5	22
1173	MicroRNA Cargo of Extracellular Vesicles from Alcohol-exposed Monocytes Signals Naive Monocytes to Differentiate into M2 Macrophages. <i>Journal of Biological Chemistry</i> , 2016, 291, 149-159.	1.6	182
1174	Directing immunomodulation using biomaterials for endogenous regeneration. <i>Journal of Materials Chemistry B</i> , 2016, 4, 569-584.	2.9	44
1175	Animal Models of Age-Related Macular Degeneration: Subretinal Inflammation. <i>Essentials in Ophthalmology</i> , 2016, , 51-65.	0.0	0
1176	The pentacyclic triterpene Lupeol switches M1 macrophages to M2 and ameliorates experimental inflammatory bowel disease. <i>International Immunopharmacology</i> , 2016, 30, 74-84.	1.7	117
1177	Not all the infected develop the disease – A “Lotus and Cactus” model. <i>Infection, Genetics and Evolution</i> , 2016, 40, 303-309.	1.0	7
1178	Macrophage Infiltration and Alternative Activation during Wound Healing Promote MEK1-Induced Skin Carcinogenesis. <i>Cancer Research</i> , 2016, 76, 805-817.	0.4	30
1179	Therapeutic depletion of monocyte-derived cells protects from long-term axonal loss in experimental autoimmune encephalomyelitis. <i>Journal of Neuroimmunology</i> , 2016, 290, 36-46.	1.1	33
1180	Synergy between phenotypic modulation and ROS neutralization in reduction of inflammatory response of hypoxic microglia by using phosphatidylserine and antioxidant containing liposomes. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2016, 27, 290-302.	1.9	12
1181	Invariant NKT Cell Activation Induces Late Preterm Birth That Is Attenuated by Rosiglitazone. <i>Journal of Immunology</i> , 2016, 196, 1044-1059.	0.4	76
1182	Atypical Activin A and IL-10 Production Impairs Human CD16+ Monocyte Differentiation into Anti-Inflammatory Macrophages. <i>Journal of Immunology</i> , 2016, 196, 1327-1337.	0.4	49
1183	Regulation of metabolism by the innate immune system. <i>Nature Reviews Endocrinology</i> , 2016, 12, 15-28.	4.3	502
1184	The activation of Wnt signaling by a STAT6-dependent macrophage phenotype promotes mucosal repair in murine IBD. <i>Mucosal Immunology</i> , 2016, 9, 986-998.	2.7	140
1185	Current disease modifying approaches to treat Parkinson’s disease. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 1365-1379.	2.4	88

#	ARTICLE	IF	CITATIONS
1186	M2 Macrophages Play Critical Roles in Progression of Inflammatory Liver Disease in Hepatitis C Virus Transgenic Mice. <i>Journal of Virology</i> , 2016, 90, 300-307.	1.5	22
1187	Senescence and cancer: An evolving inflammatory paradox. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2016, 1865, 14-22.	3.3	35
1188	Computational pathology: Exploring the spatial dimension of tumor ecology. <i>Cancer Letters</i> , 2016, 380, 296-303.	3.2	53
1189	Innate immunity in diabetes and diabetic nephropathy. <i>Nature Reviews Nephrology</i> , 2016, 12, 13-26.	4.1	305
1190	Macrophages, Inflammation, and Lung Cancer. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 193, 116-130.	2.5	206
1191	CD11b+ Mononuclear Cells Mitigate Hyperoxia-Induced Lung Injury in Neonatal Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 273-283.	1.4	27
1192	Macrophage-derived lipid agonists of PPAR- α as intrinsic controllers of inflammation. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2016, 51, 7-14.	2.3	62
1193	Novel avenues in immunotherapies for colorectal cancer. <i>Expert Review of Gastroenterology and Hepatology</i> , 2016, 10, 465-480.	1.4	9
1194	The re-polarisation of M2 and M1 macrophages and its role on cancer outcomes. <i>Journal of Theoretical Biology</i> , 2016, 390, 23-39.	0.8	56
1195	SIK inhibition in human myeloid cells modulates TLR and IL-1R signaling and induces an anti-inflammatory phenotype. <i>Journal of Leukocyte Biology</i> , 2016, 99, 711-721.	1.5	44
1196	Targeting vascular and leukocyte communication in angiogenesis, inflammation and fibrosis. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 125-142.	21.5	115
1197	Factors secreted from dental pulp stem cells show multifaceted benefits for treating experimental rheumatoid arthritis. <i>Bone</i> , 2016, 83, 210-219.	1.4	76
1198	Immature monocytes recruited to the ischemic mouse brain differentiate into macrophages with features of alternative activation. <i>Brain, Behavior, and Immunity</i> , 2016, 53, 18-33.	2.0	111
1199	<i>Bifidobacterium pseudocatenulatum</i> CECT7765 induces an M2 anti-inflammatory transition in macrophages from patients with cirrhosis. <i>Journal of Hepatology</i> , 2016, 64, 135-145.	1.8	31
1200	Hypoxia induces macrophage polarization and re-education toward an M2 phenotype in U87 and U251 glioblastoma models. <i>Oncolmmunology</i> , 2016, 5, e1056442.	2.1	86
1201	Polarization of immune responses in fish: The α -macrophages first™ point of view. <i>Molecular Immunology</i> , 2016, 69, 146-156.	1.0	128
1202	Regulatory T cells in atherosclerosis: critical immune regulatory function and therapeutic potential. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 901-922.	2.4	93
1203	Polarization of macrophages towards M1 phenotype by a combination of 2-deoxy- d -glucose and radiation: Implications for tumor therapy. <i>Immunobiology</i> , 2016, 221, 269-281.	0.8	33

#	ARTICLE	IF	CITATIONS
1204	Depletion of CLL-associated patrolling monocytes and macrophages controls disease development and repairs immune dysfunction in vivo. <i>Leukemia</i> , 2016, 30, 570-579.	3.3	102
1205	The renal microenvironment modifies dendritic cell phenotype. <i>Kidney International</i> , 2016, 89, 82-94.	2.6	38
1206	The local environment orchestrates mucosal decidual macrophage differentiation and substantially inhibits HIV-1 replication. <i>Mucosal Immunology</i> , 2016, 9, 634-646.	2.7	16
1207	Microglia in the TBI brain: The good, the bad, and the dysregulated. <i>Experimental Neurology</i> , 2016, 275, 316-327.	2.0	519
1208	Characterization of M1/M2 Tumour-Associated Macrophages (TAMs) and Th1/Th2 Cytokine Profiles in Patients with NSCLC. <i>Cancer Microenvironment</i> , 2016, 9, 1-11.	3.1	107
1209	Human lung-resident macrophages express CB1 and CB2 receptors whose activation inhibits the release of angiogenic and lymphangiogenic factors. <i>Journal of Leukocyte Biology</i> , 2016, 99, 531-540.	1.5	98
1210	Anti-inflammatory effects of miR-21 in the macrophage response to peritonitis. <i>Journal of Leukocyte Biology</i> , 2016, 99, 361-371.	1.5	80
1211	Reprogramming of macrophages â€” new opportunities for therapeutic targeting. <i>Current Opinion in Pharmacology</i> , 2016, 26, 10-15.	1.7	63
1212	Increased Adipocyte Area in Injured Muscle With Aging and Impaired Remodeling in Female Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 992-1004.	1.7	10
1213	Tumor-associated macrophages in cancers. <i>Clinical and Translational Oncology</i> , 2016, 18, 251-258.	1.2	95
1214	Brain-peripheral cell crosstalk in white matter damage and repair. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 901-908.	1.8	13
1215	Characterization of Distinct Macrophage Subpopulations during Nitrogen Mustardâ€™Induced Lung Injury and Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 436-446.	1.4	75
1216	TIGIT negatively regulates inflammation by altering macrophage phenotype. <i>Immunobiology</i> , 2016, 221, 48-55.	0.8	46
1217	Dual prognostic significance of tumour-associated macrophages in human pancreatic adenocarcinoma treated or untreated with chemotherapy. <i>Gut</i> , 2016, 65, 1710-1720.	6.1	193
1218	Retinoic Acid Signaling Coordinates Macrophage-Dependent Injury and Repair after AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 495-508.	3.0	65
1219	Receptor-Interacting Protein 140 Orchestrates the Dynamics of Macrophage M1/M2 Polarization. <i>Journal of Innate Immunity</i> , 2016, 8, 97-107.	1.8	38
1220	An imbalance between innate and adaptive immune cells at the maternalâ€™fetal interface occurs prior to endotoxin-induced preterm birth. <i>Cellular and Molecular Immunology</i> , 2016, 13, 462-473.	4.8	72
1221	Tumour-educated circulating monocytes are powerful candidate biomarkers for diagnosis and disease follow-up of colorectal cancer. <i>Gut</i> , 2016, 65, 990-1000.	6.1	67

#	ARTICLE	IF	CITATIONS
1222	Microglial <scp>M1/M2</scp> polarization and metabolic states. British Journal of Pharmacology, 2016, 173, 649-665.	2.7	1,308
1223	Cancer stem cells and tumor-associated macrophages: a roadmap for multitargeting strategies. Oncogene, 2016, 35, 671-682.	2.6	122
1224	Elementary immunology: Na ⁺ as a regulator of immunity. Pediatric Nephrology, 2017, 32, 201-210.	0.9	55
1225	Macrophage Subsets Within Granulomatous Intestinal Lesions in Bovine Paratuberculosis. Veterinary Pathology, 2017, 54, 82-93.	0.8	41
1226	Radiation effects on the tumor microenvironment: Implications for nanomedicine delivery. Advanced Drug Delivery Reviews, 2017, 109, 119-130.	6.6	126
1227	Translational aspects in targeting the stromal tumour microenvironment: From bench to bedside. European Journal of Molecular and Clinical Medicine, 2017, 3, 9.	0.5	18
1228	Precision immunotherapy; dynamics in the cellular profile of pleural effusions in malignant mesothelioma patients. Lung Cancer, 2017, 107, 36-40.	0.9	18
1229	Dual Responsive Surfaces Based on Host-Guest Interaction for Dynamic Mediation of Cell-Substrate Interaction and Cell Migration. Advanced Materials Interfaces, 2017, 4, 1500865.	1.9	18
1230	A local application of mesenchymal stem cells and cyclosporine A attenuates immune response by a switch in macrophage phenotype. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 1456-1465.	1.3	27
1231	Dental implant surface chemistry and energy alter macrophage activation <i>in vitro</i> . Clinical Oral Implants Research, 2017, 28, 414-423.	1.9	70
1232	The role of PTEN in regulation of hepatic macrophages activation and function in progression and reversal of liver fibrosis. Toxicology and Applied Pharmacology, 2017, 317, 51-62.	1.3	37
1233	Niacin Promotes Cardiac Healing after Myocardial Infarction through Activation of the Myeloid Prostaglandin D ₂ Receptor Subtype 1. Journal of Pharmacology and Experimental Therapeutics, 2017, 360, 435-444.	1.3	18
1234	Macrophage Polarization: Anti-Cancer Strategies to Target Tumor-Associated Macrophage in Breast Cancer. Journal of Cellular Biochemistry, 2017, 118, 2484-2501.	1.2	135
1235	Polarization of microglia and its role in bacterial sepsis. Journal of Neuroimmunology, 2017, 303, 90-98.	1.1	43
1236	Cellular Innate Immunity: An Old Game with New Players. Journal of Innate Immunity, 2017, 9, 111-125.	1.8	171
1237	Chromatin Remodeling in Monocyte and Macrophage Activation. Advances in Protein Chemistry and Structural Biology, 2017, 106, 1-15.	1.0	8
1238	Glycolysis regulates LPS-induced cytokine production in M2 polarized human macrophages. Immunology Letters, 2017, 183, 17-23.	1.1	30
1239	Tumor-recruited M2 macrophages promote gastric and breast cancer metastasis via M2 macrophage-secreted CHI3L1 protein. Journal of Hematology and Oncology, 2017, 10, 36.	6.9	291

#	ARTICLE	IF	CITATIONS
1240	AMIGO2 modulates T cell functions and its deficiency in mice ameliorates experimental autoimmune encephalomyelitis. <i>Brain, Behavior, and Immunity</i> , 2017, 62, 110-123.	2.0	6
1241	Lymphocytes and macrophages in adipose tissue in obesity: markers or makers of subclinical inflammation?. <i>Protoplasma</i> , 2017, 254, 1219-1232.	1.0	47
1242	Selective M2 Macrophage Depletion Leads to Prolonged Inflammation in Surgical Wounds. <i>European Surgical Research</i> , 2017, 58, 109-120.	0.6	54
1243	Microglia under psychosocial stressors along the aging trajectory: Consequences on neuronal circuits, behavior, and brain diseases. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 79, 27-39.	2.5	42
1244	Initiative action of tumor-associated macrophage during tumor metastasis. <i>Biochimie Open</i> , 2017, 4, 8-18.	3.2	63
1245	Developmental Role of Macrophage Cannabinoid-1 Receptor Signaling in Type 2 Diabetes. <i>Diabetes</i> , 2017, 66, 994-1007.	0.3	40
1246	Radiotherapy and immunotherapy: a beneficial liaison?. <i>Nature Reviews Clinical Oncology</i> , 2017, 14, 365-379.	12.5	760
1247	Isolation and Differentiation of Murine Macrophages. <i>Methods in Molecular Biology</i> , 2017, 1527, 297-309.	0.4	50
1248	Isolation and Differentiation of Human Macrophages. <i>Methods in Molecular Biology</i> , 2017, 1527, 311-320.	0.4	22
1249	Structural Characterization of a Novel Polysaccharide from <i>Lepidium meyenii</i> (Maca) and Analysis of Its Regulatory Function in Macrophage Polarization in Vitro. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 1146-1157.	2.4	96
1250	Innate Immune Cytokines, Fibroblast Phenotypes, and Regulation of Extracellular Matrix in Lung. <i>Journal of Interferon and Cytokine Research</i> , 2017, 37, 52-61.	0.5	33
1251	Roles for the CX3CL1/CX3CR1 and CCL2/CCR2 Chemokine Systems in Hypoxic Pulmonary Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 56, 597-608.	1.4	76
1252	M2 macrophages or IL-33 treatment attenuate ongoing Mycobacterium tuberculosis infection. <i>Scientific Reports</i> , 2017, 7, 41240.	1.6	37
1253	The biology of uveal melanoma. <i>Cancer and Metastasis Reviews</i> , 2017, 36, 109-140.	2.7	160
1254	Imaging of Tumor-Associated Macrophages in a Transgenic Mouse Model of Orthotopic Ovarian Cancer. <i>Molecular Imaging and Biology</i> , 2017, 19, 694-702.	1.3	15
1255	ER Stress Protein CHOP Mediates Insulin Resistance by Modulating Adipose Tissue Macrophage Polarity. <i>Cell Reports</i> , 2017, 18, 2045-2057.	2.9	96
1256	Tumor-associated macrophages: implications in cancer immunotherapy. <i>Immunotherapy</i> , 2017, 9, 289-302.	1.0	259
1257	Concise Review: An (Im)Penetrable Shield: How the Tumor Microenvironment Protects Cancer Stem Cells. <i>Stem Cells</i> , 2017, 35, 1123-1130.	1.4	41

#	ARTICLE	IF	CITATIONS
1259	Non-apoptotic functions of caspases in myeloid cell differentiation. <i>Cell Death and Differentiation</i> , 2017, 24, 1337-1347.	5.0	36
1260	IL-4 mediated by HSV vector suppresses morphine withdrawal response and decreases TNF α , NR2B, and pC/EBP β in the periaqueductal gray in rats. <i>Gene Therapy</i> , 2017, 24, 224-233.	2.3	8
1261	Casein Kinase 2 Interacting Protein-1 regulates M1 and M2 inflammatory macrophage polarization. <i>Cellular Signalling</i> , 2017, 33, 107-121.	1.7	27
1262	The Dr. Jekyll and Mr. Hyde complexity of the macrophage response in disease. <i>Journal of Leukocyte Biology</i> , 2017, 102, 307-315.	1.5	13
1264	Tumor-Associated Macrophage Infiltration in Colorectal Cancer Liver Metastases is Associated With Better Outcome. <i>Annals of Surgical Oncology</i> , 2017, 24, 1835-1842.	0.7	61
1265	Reduced Necrosis and Content of Apoptotic M1 Macrophages in Advanced Atherosclerotic Plaques of Mice With Macrophage-Specific Loss of Trpc3. <i>Scientific Reports</i> , 2017, 7, 42526.	1.6	20
1266	Utilizing the Foreign Body Response to Grow Tissue Engineered Blood Vessels in Vivo. <i>Journal of Cardiovascular Translational Research</i> , 2017, 10, 167-179.	1.1	47
1267	Leukocyte iNOS is required for inflammation and pathological remodeling in ischemic heart failure. <i>Basic Research in Cardiology</i> , 2017, 112, 19.	2.5	60
1268	The common, autoimmunity-predisposing 620Arg>Trp variant of PTPN22 modulates macrophage function and morphology. <i>Journal of Autoimmunity</i> , 2017, 79, 74-83.	3.0	17
1269	Structural environment built by AKAP12+ colon mesenchymal cells drives M2 macrophages during inflammation recovery. <i>Scientific Reports</i> , 2017, 7, 42723.	1.6	9
1270	Ovatodiolide suppresses colon tumorigenesis and prevents polarization of M2 tumor-associated macrophages through YAP oncogenic pathways. <i>Journal of Hematology and Oncology</i> , 2017, 10, 60.	6.9	82
1271	Targeting androgen receptor with ASC-J9 attenuates cardiac injury and dysfunction in experimental autoimmune myocarditis by reducing M1-like macrophage. <i>Biochemical and Biophysical Research Communications</i> , 2017, 485, 746-752.	1.0	11
1272	M1 Macrophages Are Predominantly Recruited to the Major Pelvic Ganglion of the Rat Following Cavernous Nerve Injury. <i>Journal of Sexual Medicine</i> , 2017, 14, 187-195.	0.3	23
1273	Deficiency of PTP1B Attenuates Hypothalamic Inflammation via Activation of the JAK2-STAT3 Pathway in Microglia. <i>EBioMedicine</i> , 2017, 16, 172-183.	2.7	50
1274	Molecular identification and functional analysis of KLF2 in <i>Plecoglossus altivelis</i> (ayu): It's regulatory role in monocyte/macrophage activation. <i>Fish and Shellfish Immunology</i> , 2017, 62, 257-264.	1.6	9
1275	Dysbiosis and zonulin upregulation alter gut epithelial and vascular barriers in patients with ankylosing spondylitis. <i>Annals of the Rheumatic Diseases</i> , 2017, 76, 1123-1132.	0.5	226
1276	Nonylphenol increases tumor formation and growth by suppressing gender-independent lymphocyte proliferation and macrophage activation. <i>Environmental Toxicology</i> , 2017, 32, 1679-1687.	2.1	22
1277	Macrophages in vascular inflammation and atherosclerosis. <i>Pflugers Archiv European Journal of Physiology</i> , 2017, 469, 485-499.	1.3	124

#	ARTICLE	IF	CITATIONS
1278	The far-reaching scope of neuroinflammation after traumatic brain injury. <i>Nature Reviews Neurology</i> , 2017, 13, 171-191.	4.9	687
1279	Targeting Notch-Activated M1 Macrophages Attenuates Joint Tissue Damage in a Mouse Model of Inflammatory Arthritis. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 1469-1480.	3.1	69
1280	The role of macrophages in hypertension and its complications. <i>Pflugers Archiv European Journal of Physiology</i> , 2017, 469, 419-430.	1.3	80
1281	Human Mesenchymal Stem Cell-“Educated” Macrophages Are a Distinct High IL-6-Producing Subset that Confer Protection in Graft-versus-Host-Disease and Radiation Injury Models. <i>Biology of Blood and Marrow Transplantation</i> , 2017, 23, 897-905.	2.0	49
1282	Enhancement of macrophage inflammatory responses by CCL2 is correlated with increased miR-9 expression and downregulation of the ERK1/2 phosphatase Dusp6. <i>Cellular Immunology</i> , 2017, 314, 63-72.	1.4	62
1283	Microglia Function in the Central Nervous System During Health and Neurodegeneration. <i>Annual Review of Immunology</i> , 2017, 35, 441-468.	9.5	1,450
1284	Macrophage activation and polarization in post-infarction cardiac remodeling. <i>Journal of Biomedical Science</i> , 2017, 24, 13.	2.6	119
1285	The synergistic effect of radiotherapy and immunotherapy: A promising but not simple partnership. <i>Critical Reviews in Oncology/Hematology</i> , 2017, 111, 124-132.	2.0	93
1286	Protective effects of ethyl pyruvate on lipopolysaccharide-induced acute lung injury through inhibition of autophagy in neutrophils. <i>Molecular Medicine Reports</i> , 2017, 15, 1272-1278.	1.1	23
1287	Selective upregulation of TNF- α expression in classically-activated human monocyte-derived macrophages (M1) through pharmacological interference with V-ATPase. <i>Biochemical Pharmacology</i> , 2017, 130, 71-82.	2.0	34
1288	Microparticles shed from multidrug resistant breast cancer cells provide a parallel survival pathway through immune evasion. <i>BMC Cancer</i> , 2017, 17, 104.	1.1	36
1289	A Relay Pathway between Arginine and Tryptophan Metabolism Confers Immunosuppressive Properties on Dendritic Cells. <i>Immunity</i> , 2017, 46, 233-244.	6.6	241
1290	Unravelling the networks dictating host resistance versus tolerance during pulmonary infections. <i>Cell and Tissue Research</i> , 2017, 367, 525-536.	1.5	22
1291	Recombinant Immunotoxins for Chronic Inflammatory Disease. <i>Milestones in Drug Therapy</i> , 2017, , 131-150.	0.1	0
1292	IGF1 Shapes Macrophage Activation in Response to Immunometabolic Challenge. <i>Cell Reports</i> , 2017, 19, 225-234.	2.9	150
1293	Tumor-associated myeloid cells as guiding forces of cancer cell stemness. <i>Cancer Immunology, Immunotherapy</i> , 2017, 66, 1025-1036.	2.0	42
1294	Transcriptional factor EB regulates macrophage polarization in the tumor microenvironment. <i>Oncot Immunology</i> , 2017, 6, e1312042.	2.1	39
1295	Inflammation and Fibrosis in Polycystic Kidney Disease. <i>Results and Problems in Cell Differentiation</i> , 2017, 60, 323-344.	0.2	68

#	ARTICLE	IF	CITATIONS
1296	A self-sustained loop of inflammation-driven inhibition of beige adipogenesis in obesity. <i>Nature Immunology</i> , 2017, 18, 654-664.	7.0	139
1297	Immunomodulation-accelerated neuronal regeneration following selective rod photoreceptor cell ablation in the zebrafish retina. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E3719-E3728.	3.3	155
1298	Modulation of innate immunity of patients with Alzheimer's disease by omega-3 fatty acids. <i>FASEB Journal</i> , 2017, 31, 3229-3239.	0.2	37
1299	Persistent Reduction of Circulating Myeloid Calcifying Cells in Acromegaly: Relevance to the Bone-Vascular Axis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 2044-2050.	1.8	1
1300	CXCR3.1 and CXCR3.2 Differentially Contribute to Macrophage Polarization in Teleost Fish. <i>Journal of Immunology</i> , 2017, 198, 4692-4706.	0.4	48
1301	Vessel wall morphology is equivalent for different artery types and localizations of advanced human aneurysms. <i>Histochemistry and Cell Biology</i> , 2017, 148, 425-433.	0.8	10
1302	Melatonin protects mice against stress-induced inflammation through enhancement of M2 macrophage polarization. <i>International Immunopharmacology</i> , 2017, 48, 146-158.	1.7	54
1303	Applying nanomedicine in maladaptive inflammation and angiogenesis. <i>Advanced Drug Delivery Reviews</i> , 2017, 119, 143-158.	6.6	46
1304	Metabolic regulation of suppressive myeloid cells in cancer. <i>Cytokine and Growth Factor Reviews</i> , 2017, 35, 27-35.	3.2	27
1305	Proteomic analysis of aged microglia: shifts in transcription, bioenergetics, and nutrient response. <i>Journal of Neuroinflammation</i> , 2017, 14, 96.	3.1	89
1306	Tumour-associated macrophages activate migration and STAT3 in pancreatic ductal adenocarcinoma cells in co-cultures. <i>Pancreatology</i> , 2017, 17, 635-641.	0.5	10
1307	Inhibition of lung cancer growth by HangAmDan-B is mediated by macrophage activation to M1 subtype. <i>Oncology Letters</i> , 2017, 13, 2330-2336.	0.8	14
1308	Macrophage Regulation during Vascular Remodeling: Implications for Pulmonary Hypertension Therapy. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 56, 556-558.	1.4	18
1309	Evolutionary Aspects of Macrophages Polarization. <i>Results and Problems in Cell Differentiation</i> , 2017, 62, 3-22.	0.2	72
1310	Sensitization of glioblastoma tumor micro-environment to chemo- and immunotherapy by Galectin-1 intranasal knock-down strategy. <i>Scientific Reports</i> , 2017, 7, 1217.	1.6	105
1311	Temporal and tissue-specific requirements for T-lymphocyte IL-6 signalling in obesity-associated inflammation and insulin resistance. <i>Nature Communications</i> , 2017, 8, 14803.	5.8	55
1312	Role of MicroRNAs in the development and function of innate immune cells. <i>International Reviews of Immunology</i> , 2017, 36, 154-175.	1.5	32
1313	Gene expression profiling of tumor-associated macrophages after exposure to single-dose irradiation. <i>Computational Biology and Chemistry</i> , 2017, 69, 138-146.	1.1	3

#	ARTICLE	IF	CITATIONS
1314	Immunomodulation in systemic lupus erythematosus: induction of M2 population in monocyte-derived macrophages by pioglitazone. <i>Lupus</i> , 2017, 26, 1318-1327.	0.8	39
1315	Intestinal mononuclear cells primed by systemic interleukin-12 display long-term ability to aggravate colitis in mice. <i>Immunology</i> , 2017, 150, 290-300.	2.0	6
1316	Upregulation of T-cell Immunoglobulin and Mucin-Domain Containing-3 (Tim-3) in Monocytes/Macrophages Associates with Gastric Cancer Progression. <i>Immunological Investigations</i> , 2017, 46, 134-148.	1.0	36
1317	Nicorandil modulated macrophages activation and polarization via NF- κ B signaling pathway. <i>Molecular Immunology</i> , 2017, 88, 69-78.	1.0	26
1318	HMGB1, an innate alarmin, plays a critical role in chronic inflammation of adipose tissue in obesity. <i>Molecular and Cellular Endocrinology</i> , 2017, 454, 103-111.	1.6	68
1319	Designing biomaterials with immunomodulatory properties for tissue engineering and regenerative medicine. <i>Bioengineering and Translational Medicine</i> , 2017, 2, 139-155.	3.9	154
1320	GRP78 plays an integral role in tumor cell inflammation-related migration induced by M2 macrophages. <i>Cellular Signalling</i> , 2017, 37, 136-148.	1.7	14
1321	All-Trans Retinoic Acid Prevents Osteosarcoma Metastasis by Inhibiting M2 Polarization of Tumor-Associated Macrophages. <i>Cancer Immunology Research</i> , 2017, 5, 547-559.	1.6	112
1322	Adipose tissue lipolysis and remodeling during the transition period of dairy cows. <i>Journal of Animal Science and Biotechnology</i> , 2017, 8, 41.	2.1	107
1323	Exosomal transfer of tumor-associated macrophage-derived miR-21 confers cisplatin resistance in gastric cancer cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017, 36, 53.	3.5	439
1325	Emerging concepts in biliary repair and fibrosis. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, G102-G116.	1.6	63
1326	Identification of pro-inflammatory CD205+ macrophages in livers of hepatitis B virus transgenic mice and patients with chronic hepatitis B. <i>Scientific Reports</i> , 2017, 7, 46765.	1.6	13
1327	Biomaterial-driven in situ cardiovascular tissue engineering—a multi-disciplinary perspective. <i>Npj Regenerative Medicine</i> , 2017, 2, 18.	2.5	181
1328	Injectable in situ cross-linking chitosan-hyaluronic acid based hydrogels for abdominal tissue regeneration. <i>Scientific Reports</i> , 2017, 7, 2699.	1.6	112
1329	Fibrotic focus: An important parameter for accurate prediction of a high level of tumor-associated macrophage infiltration in invasive ductal carcinoma of the breast. <i>Pathology International</i> , 2017, 67, 331-341.	0.6	7
1330	Vascular sprouts induce local attraction of proangiogenic neutrophils. <i>Journal of Leukocyte Biology</i> , 2017, 102, 741-751.	1.5	15
1331	Effect of macrophages on breast cancer cell proliferation, and on expression of hormone receptors, uPAR and HER-2. <i>International Journal of Oncology</i> , 2017, 51, 104-114.	1.4	43
1332	Physicochemical properties of liposomal modifiers that shift macrophage phenotype. <i>Materials Science and Engineering C</i> , 2017, 79, 237-244.	3.8	11

#	ARTICLE	IF	CITATIONS
1333	Peroxisome proliferator-activated receptor- β -mediated polarization of macrophages in <i>Neospora caninum</i> infection. <i>Experimental Parasitology</i> , 2017, 178, 37-44.	0.5	18
1334	White matter damage after traumatic brain injury: A role for damage associated molecular patterns. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2614-2626.	1.8	73
1335	Reversing the polarization of tumor-associated macrophages inhibits tumor metastasis. <i>International Immunopharmacology</i> , 2017, 49, 30-37.	1.7	59
1336	Metabolic regulation of macrophages during tissue repair: insights from skeletal muscle regeneration. <i>FEBS Letters</i> , 2017, 591, 3007-3021.	1.3	82
1337	Therapeutic pro-fibrogenic signaling pathways in fibroblasts. <i>Advanced Drug Delivery Reviews</i> , 2017, 121, 57-84.	6.6	51
1338	Vascular endothelial growth factor modified macrophages transdifferentiate into endothelial-like cells and decrease foam cell formation. <i>Bioscience Reports</i> , 2017, 37, .	1.1	9
1339	THP-1 and human peripheral blood mononuclear cell-derived macrophages differ in their capacity to polarize in vitro. <i>Molecular Immunology</i> , 2017, 88, 58-68.	1.0	111
1340	On phagocytes and macular degeneration. <i>Progress in Retinal and Eye Research</i> , 2017, 61, 98-128.	7.3	121
1341	Types of immune-inflammatory responses as a reflection of cell-cell interactions under conditions of tissue regeneration and tumor growth. <i>Biochemistry (Moscow)</i> , 2017, 82, 542-555.	0.7	20
1342	The GLP-1 analogue lixisenatide decreases atherosclerosis in insulin-resistant mice by modulating macrophage phenotype. <i>Diabetologia</i> , 2017, 60, 1801-1812.	2.9	75
1343	Targeting tumor associated macrophages (TAMs) via nanocarriers. <i>Journal of Controlled Release</i> , 2017, 254, 92-106.	4.8	98
1344	Role of scavenger receptors as damage-associated molecular pattern receptors in Toll-like receptor activation. <i>International Immunology</i> , 2017, 29, 59-70.	1.8	49
1345	Lipopolysaccharide-Elicited TSLPR Expression Enriches a Functionally Discrete Subset of Human CD14+ CD1c+ Monocytes. <i>Journal of Immunology</i> , 2017, 198, 3426-3435.	0.4	26
1346	Roles of alternatively activated M2 macrophages in allergic contact dermatitis. <i>Allergy International</i> , 2017, 66, 392-397.	1.4	47
1347	Macrophage and osteoclast polarization in bisphosphonate associated necrosis and osteoradionecrosis. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2017, 45, 944-953.	0.7	19
1348	Loss of CD73 prevents accumulation of alternatively activated macrophages and the formation of profibrotic macrophage clusters in irradiated lungs. <i>FASEB Journal</i> , 2017, 31, 2869-2880.	0.2	23
1349	Fibroblasts drive an immunosuppressive and growth-promoting microenvironment in breast cancer via secretion of Chitinase 3-like 1. <i>Oncogene</i> , 2017, 36, 4457-4468.	2.6	204
1350	Collagen Membrane and Immune Response in Guided Bone Regeneration: Recent Progress and Perspectives. <i>Tissue Engineering - Part B: Reviews</i> , 2017, 23, 421-435.	2.5	107

#	ARTICLE	IF	CITATIONS
1351	Immune Modulatory microRNAs Involved in Tumor Attack and Tumor Immune Escape. <i>Journal of the National Cancer Institute</i> , 2017, 109, .	3.0	121
1352	Erythropoietin protects against rhabdomyolysis-induced acute kidney injury by modulating macrophage polarization. <i>Cell Death and Disease</i> , 2017, 8, e2725-e2725.	2.7	56
1353	Activation of Myeloid TLR4 Mediates T Lymphocyte Polarization after Traumatic Brain Injury. <i>Journal of Immunology</i> , 2017, 198, 3615-3626.	0.4	50
1354	The role of autophagy in asparaginase-induced immune suppression of macrophages. <i>Cell Death and Disease</i> , 2017, 8, e2721-e2721.	2.7	20
1355	Deregulation of CRTCs in Aging and Age-Related Disease Risk. <i>Trends in Genetics</i> , 2017, 33, 303-321.	2.9	36
1356	Loss of macrophage fatty acid oxidation does not potentiate systemic metabolic dysfunction. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 312, E381-E393.	1.8	28
1357	Opposing macrophage polarization programs show extensive epigenomic and transcriptional cross-talk. <i>Nature Immunology</i> , 2017, 18, 530-540.	7.0	164
1358	Clinicopathologic, Immunohistochemical, and Molecular Features of Histiocytoid Sweet Syndrome. <i>JAMA Dermatology</i> , 2017, 153, 651.	2.0	71
1359	Effect of modulation of PPAR- β activity on Kupffer cells M1/M2 polarization in the development of non-alcoholic fatty liver disease. <i>Scientific Reports</i> , 2017, 7, 44612.	1.6	194
1360	Low-Intensity Training and the C5a Complement Antagonist NOX-D21 Rescue the mdx Phenotype through Modulation of Inflammation. <i>American Journal of Pathology</i> , 2017, 187, 1147-1161.	1.9	19
1361	Macrophages: The Bad, the Ugly, and the Good in the Inflammatory Response to Biomaterials. , 2017, , 37-62.		8
1362	The TLR4-“NOS1”-AP1 signaling axis regulates macrophage polarization. <i>Inflammation Research</i> , 2017, 66, 323-334.	1.6	33
1363	Differential Macrophage Polarization from Pneumocystis in Immunocompetent and Immunosuppressed Hosts: Potential Adjunctive Therapy during Pneumonia. <i>Infection and Immunity</i> , 2017, 85, .	1.0	39
1364	Inhibition of SIK2 and SIK3 during differentiation enhances the anti-inflammatory phenotype of macrophages. <i>Biochemical Journal</i> , 2017, 474, 521-537.	1.7	57
1365	Chlorogenic acid inhibits glioblastoma growth through repolarizing macrophage from M2 to M1 phenotype. <i>Scientific Reports</i> , 2017, 7, 39011.	1.6	108
1366	Arteriogenesis in murine adipose tissue is contingent on CD68 ⁺ /CD206 ⁺ macrophages. <i>Microcirculation</i> , 2017, 24, e12341.	1.0	5
1367	Examination of the foreign body response to biomaterials by nonlinear intravital microscopy. <i>Nature Biomedical Engineering</i> , 2017, 1, .	11.6	147
1368	Macrophages and the Recovery from Acute and Chronic Inflammation. <i>Annual Review of Physiology</i> , 2017, 79, 567-592.	5.6	275

#	ARTICLE	IF	CITATIONS
1369	Zika virus infection of Hofbauer cells. <i>American Journal of Reproductive Immunology</i> , 2017, 77, e12613.	1.2	91
1370	Immune cells and autoantibodies in pulmonary arterial hypertension. <i>Acta Biochimica Et Biophysica Sinica</i> , 2017, 49, 1047-1057.	0.9	28
1371	11 β -hydroxysteroid dehydrogenase type 1 has no effect on survival during experimental malaria but affects parasitemia in a parasite strain-specific manner. <i>Scientific Reports</i> , 2017, 7, 13835.	1.6	5
1372	Wandering pathways in the regulation of innate immunity and inflammation. <i>Journal of Autoimmunity</i> , 2017, 85, 1-5.	3.0	27
1373	Lamina propria group 2 innate lymphoid cells impair the antibacterial defense of burned mice to enterococcal translocation. <i>Journal of Leukocyte Biology</i> , 2017, 102, 1451-1460.	1.5	5
1374	IL-17A induces heterogeneous macrophages, and it does not alter the effects of lipopolysaccharides on macrophage activation in the skin of mice. <i>Scientific Reports</i> , 2017, 7, 12473.	1.6	40
1375	PI3K δ Activates Integrin α 4 and Promotes Immune Suppressive Myeloid Cell Polarization during Tumor Progression. <i>Cancer Immunology Research</i> , 2017, 5, 957-968.	1.6	64
1376	The Function and Diagnostic Potential of Adipocyte-Derived Factors in the Tumor Microenvironment. , 2017, , 129-166.		0
1377	Role of gp91phox in hepatic macrophage programming and alcoholic liver disease. <i>Hepatology Communications</i> , 2017, 1, 765-779.	2.0	12
1378	M2 polarization of monocytes in ankylosing spondylitis and relationship with inflammation and structural damage. <i>Apmis</i> , 2017, 125, 1070-1075.	0.9	17
1379	Ginsenosides Rb3 and Rd reduce polyps formation while reinstate the dysbiotic gut microbiota and the intestinal microenvironment in ApcMin/+ mice. <i>Scientific Reports</i> , 2017, 7, 12552.	1.6	75
1380	Immunological tumor status may predict response to neoadjuvant chemotherapy and outcome after radical cystectomy in bladder cancer. <i>Scientific Reports</i> , 2017, 7, 12682.	1.6	16
1381	ERV1 Overexpression in Myeloid Cells Protects against High Fat Diet Induced Obesity and Glucose Intolerance. <i>Scientific Reports</i> , 2017, 7, 12848.	1.6	36
1382	Shift of monocyte subsets along their continuum predicts cardiovascular outcomes. <i>Atherosclerosis</i> , 2017, 266, 95-102.	0.4	42
1383	The cholesterol metabolite 27 hydroxycholesterol facilitates breast cancer metastasis through its actions on immune cells. <i>Nature Communications</i> , 2017, 8, 864.	5.8	261
1384	The long pentraxin <sc>PTX</sc>3: A prototypical sensor of tissue injury and a regulator of homeostasis. <i>Immunological Reviews</i> , 2017, 280, 112-125.	2.8	47
1385	(+)-Borneol improves the efficacy of edaravone against DSS-induced colitis by promoting M2 macrophages polarization via JAK2-STAT3 signaling pathway. <i>International Immunopharmacology</i> , 2017, 53, 1-10.	1.7	38
1386	Gefitinib inhibits M2-like polarization of tumor-associated macrophages in Lewis lung cancer by targeting the STAT6 signaling pathway. <i>Acta Pharmacologica Sinica</i> , 2017, 38, 1501-1511.	2.8	94

#	ARTICLE	IF	CITATIONS
1387	Targeting tumor-associated macrophages by anti-tumor Chinese materia medica. Chinese Journal of Integrative Medicine, 2017, 23, 723-732.	0.7	3
1388	Harnessing the cross-talk between tumor cells and tumor-associated macrophages with a nano-drug for modulation of glioblastoma immune microenvironment. Journal of Controlled Release, 2017, 268, 128-146.	4.8	68
1389	Single-cell mass cytometry and transcriptome profiling reveal the impact of graphene on human immune cells. Nature Communications, 2017, 8, 1109.	5.8	111
1390	Macrophage VLDLR mediates obesity-induced insulin resistance with adipose tissue inflammation. Nature Communications, 2017, 8, 1087.	5.8	58
1391	Upregulation of PD-L1 by SPP1 mediates macrophage polarization and facilitates immune escape in lung adenocarcinoma. Experimental Cell Research, 2017, 359, 449-457.	1.2	195
1392	The role of insulin growth factor-1 on the vascular regenerative effect of MAA coated disks and macrophage-endothelial cell crosstalk. Biomaterials, 2017, 144, 199-210.	5.7	38
1393	Breast tumors educate the proteome of stromal tissue in an individualized but coordinated manner. Science Signaling, 2017, 10, .	1.6	25
1394	Insulin Influences LPS-Induced TNF- α and IL-6 Release Through Distinct Pathways in Mouse Macrophages from Different Compartments. Cellular Physiology and Biochemistry, 2017, 42, 2093-2104.	1.1	57
1395	Different properties of skin of different body sites: The root of keloid formation?. Wound Repair and Regeneration, 2017, 25, 758-766.	1.5	27
1396	Ficolin-2 triggers antitumor effect by activating macrophages and CD8 + T cells. Clinical Immunology, 2017, 183, 145-157.	1.4	12
1397	Molecular-Targeted Immunotherapeutic Strategy for Melanoma via Dual-Targeting Nanoparticles Delivering Small Interfering RNA to Tumor-Associated Macrophages. ACS Nano, 2017, 11, 9536-9549.	7.3	268
1398	Periostin in vitreoretinal diseases. Cellular and Molecular Life Sciences, 2017, 74, 4329-4337.	2.4	16
1399	Modulation of macrophage phagocytosis in vitro – A role for cholinergic stimulation?. Annals of Anatomy, 2017, 214, 31-35.	1.0	3
1400	M2b macrophage polarization accompanied with reduction of long noncoding RNA GAS5. Biochemical and Biophysical Research Communications, 2017, 493, 170-175.	1.0	31
1401	A neuropeptide, Substance-P, directly induces tissue-repairing M2 like macrophages by activating the PI3K/Akt/mTOR pathway even in the presence of IFN γ . Scientific Reports, 2017, 7, 9417.	1.6	91
1402	Proteomic Signature Reveals Modulation of Human Macrophage Polarization and Functions Under Differing Environmental Oxygen Conditions. Molecular and Cellular Proteomics, 2017, 16, 2153-2168.	2.5	30
1403	Tumor-associated macrophages, nanomedicine and imaging: the axis of success in the future of cancer immunotherapy. Immunotherapy, 2017, 9, 819-835.	1.0	41
1404	Innate immune cells for immunotherapy of autoimmune and cancer disorders. International Reviews of Immunology, 2017, 36, 315-337.	1.5	16

#	ARTICLE	IF	CITATIONS
1405	Growth arrest-specific protein 7 regulates the murine M1 alveolar macrophage polarization. <i>Immunologic Research</i> , 2017, 65, 1065-1073.	1.3	7
1406	CD206+ M2-like macrophages regulate systemic glucose metabolism by inhibiting proliferation of adipocyte progenitors. <i>Nature Communications</i> , 2017, 8, 286.	5.8	178
1407	The transcription factor MafB promotes anti-inflammatory M2 polarization and cholesterol efflux in macrophages. <i>Scientific Reports</i> , 2017, 7, 7591.	1.6	66
1408	New insights into tenocyte-immune cell interplay in an in vitro model of inflammation. <i>Scientific Reports</i> , 2017, 7, 9801.	1.6	61
1409	Macrophage JAK2 deficiency protects against high-fat diet-induced inflammation. <i>Scientific Reports</i> , 2017, 7, 7653.	1.6	41
1410	Slc11a1 (Nrap-1) gene modulates immune-inflammation genes in macrophages during pristane-induced arthritis in mice. <i>Inflammation Research</i> , 2017, 66, 969-980.	1.6	15
1411	Inflammaging and the Lung. <i>Clinics in Geriatric Medicine</i> , 2017, 33, 459-471.	1.0	40
1412	Myeloid suppressor cells in cancer and autoimmunity. <i>Journal of Autoimmunity</i> , 2017, 85, 117-125.	3.0	154
1413	Punicalagin, a PTP1B inhibitor, induces M2c phenotype polarization via up-regulation of HO-1 in murine macrophages. <i>Free Radical Biology and Medicine</i> , 2017, 110, 408-420.	1.3	29
1414	Macrophage phenotype in response to ECM bioscaffolds. <i>Seminars in Immunology</i> , 2017, 29, 2-13.	2.7	122
1415	Abdominal surgery induced gastric ileus and activation of M1-like macrophages in the gastric myenteric plexus: prevention by central vagal activation in rats. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, G320-G329.	1.6	35
1416	Reprogramming macrophages by plasmin. <i>Blood</i> , 2017, 129, 2823-2824.	0.6	3
1417	M1 Macrophage-Induced Endothelial-to-Mesenchymal Transition Promotes Infantile Hemangioma Regression. <i>American Journal of Pathology</i> , 2017, 187, 2102-2111.	1.9	31
1418	Macrophage M1 Plays a Positive Role in Aseptic Inflammation-Related Graft Loosening After Anterior Cruciate Ligament Reconstruction Surgery. <i>Inflammation</i> , 2017, 40, 1815-1824.	1.7	12
1419	Short-Term Alcohol Abstinence Improves Antibacterial Defenses of Chronic Alcohol-Consuming Mice against Gut Bacteria-Associated Sepsis Caused by <i>Enterococcus faecalis</i> Oral Infection. <i>American Journal of Pathology</i> , 2017, 187, 1998-2007.	1.9	3
1420	Evidence for constitutive bone morphogenetic protein-2 secretion by M1 macrophages: Constitutive auto/paracrine osteogenic signaling by BMP-2 in M1 macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2017, 491, 154-158.	1.0	29
1421	CD200 selectively upregulates prostaglandin E2 and D2 synthesis in LPS-treated bone marrow-derived macrophages. <i>Prostaglandins and Other Lipid Mediators</i> , 2017, 133, 53-59.	1.0	11
1422	Cytosolic Pellino-1-Mediated K63-Linked Ubiquitination of IRF5 in M1 Macrophages Regulates Glucose Intolerance in Obesity. <i>Cell Reports</i> , 2017, 20, 832-845.	2.9	36

#	ARTICLE	IF	CITATIONS
1423	Identifying exposition to low oxygen environment in human macrophages using secondary ion mass spectrometry and multivariate analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1623-1632.	0.7	1
1424	Revisiting the Page & Schroeder model: the good, the bad and the unknowns in the periodontal host response 40 years later. <i>Periodontology 2000</i> , 2017, 75, 116-151.	6.3	151
1425	The periodontal war: microbes and immunity. <i>Periodontology 2000</i> , 2017, 75, 52-115.	6.3	138
1426	Cyclophilin A Aggravates Collagen-Induced Arthritis via Promoting Classically Activated Macrophages. <i>Inflammation</i> , 2017, 40, 1761-1772.	1.7	13
1427	Characterization of Human Blood Monocytes and Intestinal Macrophages. <i>Current Protocols in Immunology</i> , 2017, 118, 14.3.1-14.3.14.	3.6	5
1428	Downregulation of Macrophage-Derived T-UCR uc.306 Associates with Poor Prognosis in Hepatocellular Carcinoma. <i>Cellular Physiology and Biochemistry</i> , 2017, 42, 1526-1539.	1.1	36
1429	Peripheral Nerve Nanoimaging: Monitoring Treatment and Regeneration. <i>AAPS Journal</i> , 2017, 19, 1304-1316.	2.2	15
1430	Impact of aging immune system on neurodegeneration and potential immunotherapies. <i>Progress in Neurobiology</i> , 2017, 157, 2-28.	2.8	39
1431	Pharmacologic or Genetic Targeting of Glutamine Synthetase Skews Macrophages toward an M1-like Phenotype and Inhibits Tumor Metastasis. <i>Cell Reports</i> , 2017, 20, 1654-1666.	2.9	258
1432	Metabolic characterization and RNA profiling reveal glycolytic dependence of profibrotic phenotype of alveolar macrophages in lung fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L834-L844.	1.3	54
1433	TNF signaling and macrophages govern fin regeneration in zebrafish larvae. <i>Cell Death and Disease</i> , 2017, 8, e2979-e2979.	2.7	141
1434	CP and CP-PGN protect mice against MRSA infection by inducing M1 macrophages. <i>Scientific Reports</i> , 2017, 7, 16877.	1.6	7
1435	Emerging roles of SGLT2 inhibitors in obesity and insulin resistance: Focus on fat browning and macrophage polarization. <i>Adipocyte</i> , 2018, 7, 1-8.	1.3	73
1436	The choice of cryopreservation method affects immune compatibility of human cardiovascular matrices. <i>Scientific Reports</i> , 2017, 7, 17027.	1.6	16
1437	Essential involvement of the CX3CL1-CX3CR1 axis in bleomycin-induced pulmonary fibrosis via regulation of fibrocyte and M2 macrophage migration. <i>Scientific Reports</i> , 2017, 7, 16833.	1.6	68
1438	Exendin-4 Induces Bone Marrow Stromal Cells Migration Through Bone Marrow-Derived Macrophages Polarization via PKA-STAT3 Signaling Pathway. <i>Cellular Physiology and Biochemistry</i> , 2017, 44, 1696-1714.	1.1	24
1439	Colchicine alleviates acute postoperative pain but delays wound repair in mice: Roles of neutrophils and macrophages. <i>Molecular Pain</i> , 2017, 13, 174480691774368.	1.0	17
1440	Nanotopography-based strategy for the precise manipulation of osteoimmunomodulation in bone regeneration. <i>Nanoscale</i> , 2017, 9, 18129-18152.	2.8	113

#	ARTICLE	IF	CITATIONS
1441	Inhibition of intimal hyperplasia in murine aortic allografts by administration of a small-molecule TLR4 inhibitor TAK-242. <i>Scientific Reports</i> , 2017, 7, 15799.	1.6	11
1442	Linking iron-deficiency with allergy: role of molecular allergens and the microbiome. <i>Metallomics</i> , 2017, 9, 1676-1692.	1.0	39
1443	Pre-metastatic cancer exosomes induce immune surveillance by patrolling monocytes at the metastatic niche. <i>Nature Communications</i> , 2017, 8, 1319.	5.8	237
1444	VSIG4 inhibits proinflammatory macrophage activation by reprogramming mitochondrial pyruvate metabolism. <i>Nature Communications</i> , 2017, 8, 1322.	5.8	126
1445	The effects of conditioned media generated by polarized macrophages on the cellular behaviours of bone marrow mesenchymal stem cells. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 1302-1315.	1.6	54
1446	Serotonin drives the acquisition of a profibrotic and anti-inflammatory gene profile through the 5-HT7R-PKA signaling axis. <i>Scientific Reports</i> , 2017, 7, 14761.	1.6	43
1447	On the Role IL-4/IL-13 Heteroreceptor Plays in Regulation of Type 1 Diabetes. <i>Journal of Immunology</i> , 2017, 199, 894-902.	0.4	18
1448	Testosterone regulates 3T3-L1 pre-adipocyte differentiation and epididymal fat accumulation in mice through modulating macrophage polarization. <i>Biochemical Pharmacology</i> , 2017, 140, 73-88.	2.0	18
1449	IRF6 Regulates Alternative Activation by Suppressing PPAR β in Male Murine Macrophages. <i>Endocrinology</i> , 2017, 158, 2837-2847.	1.4	18
1450	Osteoimmunology in Bone Fracture Healing. <i>Current Osteoporosis Reports</i> , 2017, 15, 367-375.	1.5	133
1451	MicroRNA-155 Deficiency in Kupffer Cells Ameliorates Liver Ischemia-Reperfusion Injury in Mice. <i>Transplantation</i> , 2017, 101, 1600-1608.	0.5	43
1452	Sebum lipids influence macrophage polarization and activation. <i>British Journal of Dermatology</i> , 2017, 177, 1671-1682.	1.4	63
1453	Increased levels of Gab1 and Gab2 adaptor proteins skew interleukin-4 (IL-4) signaling toward M2 macrophage-driven pulmonary fibrosis in mice. <i>Journal of Biological Chemistry</i> , 2017, 292, 14003-14015.	1.6	54
1454	1.12 Bioactivity: Mechanisms \hat{a} t. , 2017, , 291-310.		1
1455	Functional biocompatibility testing of silicone breast implants and a novel classification system based on surface roughness. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 75, 75-81.	1.5	74
1456	Regulation of inflammation by members of the formyl-peptide receptor family. <i>Journal of Autoimmunity</i> , 2017, 85, 64-77.	3.0	103
1457	CCAAT/enhancer-binding protein delta promotes intracellular lipid accumulation in M1 macrophages of vascular lesions. <i>Cardiovascular Research</i> , 2017, 113, 1376-1388.	1.8	28
1458	Innate scavenger receptor-A regulates adaptive T helper cell responses to pathogen infection. <i>Nature Communications</i> , 2017, 8, 16035.	5.8	40

#	ARTICLE	IF	CITATIONS
1459	NF- κ B signaling in inflammation. <i>Signal Transduction and Targeted Therapy</i> , 2017, 2, .	7.1	4,812
1460	Innate immunity orchestrates adipose tissue homeostasis. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2017, 31, .	0.3	8
1461	The potential role of platelets in the consensus molecular subtypes of colorectal cancer. <i>Cancer and Metastasis Reviews</i> , 2017, 36, 273-288.	2.7	37
1462	4.5 Leukocyte-Biomaterial Interaction In Vitro ., 2017, , 57-69.		1
1463	Intratumoral and peritumoral expression of CD68 and CD206 in hepatocellular carcinoma and their prognostic value. <i>Oncology Reports</i> , 2017, 38, 886-898.	1.2	35
1464	Current prospects of type II interferon β signaling and autoimmunity. <i>Journal of Biological Chemistry</i> , 2017, 292, 13925-13933.	1.6	144
1465	Activation of murine macrophages by G1-4A, a polysaccharide from <i>Tinospora cordifolia</i> , in TLR4/MyD88 dependent manner. <i>International Immunopharmacology</i> , 2017, 50, 168-177.	1.7	44
1466	F4/80+ Macrophages Contribute to Clearance of Senescent Cells in the Mouse Postpartum Uterus. <i>Endocrinology</i> , 2017, 158, 2344-2353.	1.4	57
1467	Titanium dioxide nanoparticles prime a specific activation state of macrophages. <i>Nanotoxicology</i> , 2017, 11, 1-14.	1.6	29
1468	NOX2 deficiency alters macrophage phenotype through an IL-10/STAT3 dependent mechanism: implications for traumatic brain injury. <i>Journal of Neuroinflammation</i> , 2017, 14, 65.	3.1	65
1469	M2 macrophage is the predominant phenotype in airways inflammatory lesions in patients with granulomatosis with polyangiitis. <i>Arthritis Research and Therapy</i> , 2017, 19, 100.	1.6	22
1470	Deficiency in plasmacytoid dendritic cells and type I interferon signalling prevents diet-induced obesity and insulin resistance in mice. <i>Diabetologia</i> , 2017, 60, 2033-2041.	2.9	53
1471	The Role of Cardiac Tissue Macrophages in Homeostasis and Disease. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1003, 105-118.	0.8	6
1472	CD46 accelerates macrophage-mediated host susceptibility to meningococcal sepsis in a murine model. <i>European Journal of Immunology</i> , 2017, 47, 119-130.	1.6	15
1473	Intrafibrillar silicified collagen scaffold modulates monocyte to promote cell homing, angiogenesis and bone regeneration. <i>Biomaterials</i> , 2017, 113, 203-216.	5.7	109
1474	Depression in cancer: The many biobehavioral pathways driving tumor progression. <i>Cancer Treatment Reviews</i> , 2017, 52, 58-70.	3.4	204
1475	The impact of impaired macrophage functions in cystic fibrosis disease progression. <i>Journal of Cystic Fibrosis</i> , 2017, 16, 443-453.	0.3	69
1476	Differential Regulation of Macrophage Glucose Metabolism by Macrophage Colony-stimulating Factor and Granulocyte-Macrophage Colony-stimulating Factor: Implications for 18 F FDG PET Imaging of Vessel Wall Inflammation. <i>Radiology</i> , 2017, 283, 87-97.	3.6	27

#	ARTICLE	IF	CITATIONS
1477	Posttraumatic therapeutic hypothermia alters microglial and macrophage polarization toward a beneficial phenotype. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 2952-2962.	2.4	64
1478	Filamentous Bacteriophage Produced by <i>Pseudomonas aeruginosa</i> Alters the Inflammatory Response and Promotes Noninvasive Infection <i>In Vivo</i> . <i>Infection and Immunity</i> , 2017, 85, .	1.0	77
1479	Secondary Alterations of Hepatocellular Carcinoma. , 2017, , 121-149.		0
1480	Resveratrol inhibits lung cancer growth by suppressing M2-like polarization of tumor associated macrophages. <i>Cellular Immunology</i> , 2017, 311, 86-93.	1.4	115
1481	Evaluating the mechanistic evidence and key data gaps in assessing the potential carcinogenicity of carbon nanotubes and nanofibers in humans. <i>Critical Reviews in Toxicology</i> , 2017, 47, 1-58.	1.9	83
1482	Macrophage/monocyte-specific deletion of Ras homolog gene family member A (RhoA) downregulates fractalkine receptor and inhibits chronic rejection of mouse cardiac allografts. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 340-354.	0.3	29
1483	Cellular Phenotypic Analysis of Macrophage Activation Unveils Kinetic Responses of Agents Targeting Phosphorylation. <i>SLAS Discovery</i> , 2017, 22, 51-57.	1.4	6
1484	Neutrophil-lymphocyte ratio and platelet-lymphocyte ratio as predictors of wound healing failure in head and neck reconstruction. <i>Acta Oto-Laryngologica</i> , 2017, 137, 106-110.	0.3	31
1485	Microglial production of TNF-alpha is a key element of sustained fear memory. <i>Brain, Behavior, and Immunity</i> , 2017, 59, 313-321.	2.0	44
1486	Immunologic environment influences macrophage response to <i>Porphyromonas gingivalis</i> . <i>Molecular Oral Microbiology</i> , 2017, 32, 250-261.	1.3	19
1487	Changes in rats' breast tumor ultrastructure and immune and messenger RNA responses caused by dietary Seaweed (<i>Kappaphycus alvarezii</i>) extract. <i>Journal of Microscopy and Ultrastructure</i> , 2017, 5, 70.	0.1	8
1488	Macrophage polarization and MRSA infection in burned mice. <i>Immunology and Cell Biology</i> , 2017, 95, 198-206.	1.0	19
1489	A droplet-emerging platform for comparative functional analysis of m1 and m2 macrophages in response to <i>e. coli</i> -induced stimuli. <i>Biotechnology and Bioengineering</i> , 2017, 114, 705-709.	1.7	13
1490	Increased intermediate M1-M2 macrophage polarization and improved cognition in mild cognitive impairment patients on β supplementation. <i>FASEB Journal</i> , 2017, 31, 148-160.	0.2	72
1491	Utility of Macrophage-activated Marker CD163 for Diagnosis and Prognosis in Pulmonary Tuberculosis. <i>Annals of the American Thoracic Society</i> , 2017, 14, 57-64.	1.5	14
1492	Where genes meet environment—integrating the role of gut luminal contents, immunity and pancreas in type 1 diabetes. <i>Translational Research</i> , 2017, 179, 183-198.	2.2	22
1493	Enhancement of wound closure by modifying dual release patterns of stromal-derived cell factor-1 and a macrophage recruitment agent from gelatin hydrogels. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 2999-3013.	1.3	21
1494	M2 macrophages do not fly into a "RAGE". <i>Inflammation Research</i> , 2017, 66, 13-15.	1.6	4

#	ARTICLE	IF	CITATIONS
1495	mTORC1 inhibition with rapamycin exacerbates adipose tissue inflammation in obese mice and dissociates macrophage phenotype from function. <i>Immunobiology</i> , 2017, 222, 261-271.	0.8	41
1496	Human amnion favours tissue repair by inducing the M1-to-M2 switch and enhancing M2 macrophage features. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 2895-2911.	1.3	90
1497	Identification of a conserved and acute neurodegeneration-specific microglial transcriptome in the zebrafish. <i>Glia</i> , 2017, 65, 138-149.	2.5	104
1498	Cholangiocarcinoma stem-like subset shapes tumor-initiating niche by educating associated macrophages. <i>Journal of Hepatology</i> , 2017, 66, 102-115.	1.8	130
1499	Atorvastatin alleviates renal ischemia-reperfusion injury in rats by promoting M1-M2 transition. <i>Molecular Medicine Reports</i> , 2017, 15, 798-804.	1.1	19
1500	Microenvironmental Regulation of Innate Immune Cell Function. , 2017, , 947-970.		1
1501	Epigenetics of Inflammation. , 2017, , 971-992.		0
1502	Kinetics of Corneal Antigen Presenting Cells in Experimental Dry Eye Disease. <i>BMJ Open Ophthalmology</i> , 2017, 1, e000078.	0.8	33
1503	Inflammation-Generated Extracellular Matrix Fragments Drive Lung Metastasis. <i>Cancer Growth and Metastasis</i> , 2017, 10, 117906441774553.	3.5	13
1504	Monocytes and Macrophages. , 2017, , 217-252.		0
1505	Effects of silibinin-loaded thermosensitive liposome-microbubble complex on inhibiting rabbit liver VX2 tumors in sub-hyperthermia fields. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 1233-1240.	0.8	2
1506	Rheumatoid Arthritis and Other Inflammatory Articular Diseases. , 2017, , 1105-1140.		1
1507	Annexin-A1 enhances breast cancer growth and migration by promoting alternative macrophage polarization in the tumour microenvironment. <i>Scientific Reports</i> , 2017, 7, 17925.	1.6	76
1508	Imaging the Tumor Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1036, 229-257.	0.8	30
1509	Sustained Tubulointerstitial Inflammation in Kidney with Severe Leptospirosis. <i>Internal Medicine</i> , 2017, 56, 1179-1184.	0.3	16
1510	Impact of Pioglitazone on Macrophage Dynamics in Adipose Tissues of Cecal Ligation and Puncture-Treated Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 638-644.	0.6	9
1511	High IL-1R8 expression in breast tumors promotes tumor growth and contributes to impaired antitumor immunity. <i>Oncotarget</i> , 2017, 8, 49470-49483.	0.8	24
1512	Apolipoprotein A-I mimetic peptide 4F suppresses tumor-associated macrophages and pancreatic cancer progression. <i>Oncotarget</i> , 2017, 8, 99693-99706.	0.8	29

#	ARTICLE	IF	CITATIONS
1513	The Relationship Between the Immune Response and Susceptibility to Salmonella enterica Serovar Enteritidis Infection in the Laying Hen. , 2017, , 209-234.		0
1514	BETWEEN THE BIOACTIVE EXTRACTS OF EDIBLE MUSHROOMS AND PHARMACOLOGICALLY IMPORTANT NANOPARTICLES: NEED FOR THE INVESTIGATION OF A SYNERGISTIC COMBINATION - A MINI REVIEW. Asian Journal of Pharmaceutical and Clinical Research, 2017, 10, 13.	0.3	2
1515	Adaptive Characteristics of Innate Immune Responses in Macrophages. , 0, , 679-686.		0
1516	Transcriptional Regulation and Macrophage Differentiation. , 2017, , 117-139.		1
1517	Low-dose paclitaxel suppresses the induction of M2 macrophages in gastric cancer. Oncology Reports, 2017, 37, 3341-3350.	1.2	30
1518	Nonalcoholic Fatty Liver Disease and Insulin Resistance: New Insights and Potential New Treatments. Nutrients, 2017, 9, 387.	1.7	362
1519	Inflammatory Ly6Chi monocytes and their conversion to M2 macrophages drive atherosclerosis regression. Journal of Clinical Investigation, 2017, 127, 2904-2915.	3.9	266
1520	The fifth epidermal growth factor like region of thrombomodulin alleviates LPS-induced sepsis through interacting with GPR15. Thrombosis and Haemostasis, 2017, 117, 570-579.	1.8	20
1521	Immunosuppressive macrophages induced by IDO1 promote the growth of endometrial stromal cells in endometriosis. Molecular Medicine Reports, 2017, 15, 2255-2260.	1.1	19
1522	Inactivated probiotic Bacillus coagulans GBI-30 induces complex immune activating, anti-inflammatory, and regenerative markers in vitro. Journal of Inflammation Research, 2017, Volume 10, 107-117.	1.6	36
1523	Pharmacological Regulation of Neuropathic Pain Driven by Inflammatory Macrophages. International Journal of Molecular Sciences, 2017, 18, 2296.	1.8	76
1524	The Contribution of Oxidative Stress and Inflamm-Aging in Human and Equine Asthma. International Journal of Molecular Sciences, 2017, 18, 2612.	1.8	54
1525	Integrated Immunomodulatory Mechanisms through which Long-Chain n-3 Polyunsaturated Fatty Acids Attenuate Obese Adipose Tissue Dysfunction. Nutrients, 2017, 9, 1289.	1.7	28
1526	Microglia M2A Polarization as Potential Link between Food Allergy and Autism Spectrum Disorders. Pharmaceuticals, 2017, 10, 95.	1.7	26
1527	Structure-Function Relationships Underlying the Capacity of Bordetella Adenylate Cyclase Toxin to Disarm Host Phagocytes. Toxins, 2017, 9, 300.	1.5	40
1528	Differential Location and Distribution of Hepatic Immune Cells. Cells, 2017, 6, 48.	1.8	77
1529	The Current State of Nanoparticle-Induced Macrophage Polarization and Reprogramming Research. International Journal of Molecular Sciences, 2017, 18, 336.	1.8	142
1530	Macrophage Phenotypes Regulate Scar Formation and Chronic Wound Healing. International Journal of Molecular Sciences, 2017, 18, 1545.	1.8	508

#	ARTICLE	IF	CITATIONS
1531	Corilagin Counteracts IL-13R α 1 Signaling Pathway in Macrophages to Mitigate Schistosome Egg-Induced Hepatic Fibrosis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 443.	1.8	30
1532	Arginine Metabolism in Myeloid Cells Shapes Innate and Adaptive Immunity. <i>Frontiers in Immunology</i> , 2017, 8, 93.	2.2	197
1533	Macrophage Polarization Modulates Fc γ R- and CD13-Mediated Phagocytosis and Reactive Oxygen Species Production, Independently of Receptor Membrane Expression. <i>Frontiers in Immunology</i> , 2017, 8, 303.	2.2	60
1534	Host Immune Responses in HIV-1 Infection: The Emerging Pathogenic Role of Siglecs and Their Clinical Correlates. <i>Frontiers in Immunology</i> , 2017, 8, 314.	2.2	40
1535	The Role of IFN- γ during the Course of Sepsis Progression and Its Therapeutic Potential. <i>Frontiers in Immunology</i> , 2017, 8, 493.	2.2	41
1536	Alternative Anaphylactic Routes: The Potential Role of Macrophages. <i>Frontiers in Immunology</i> , 2017, 8, 515.	2.2	28
1537	Macrophage Polarization Contributes to the Anti-Tumoral Efficacy of Mesoporous Nanovectors Loaded with Albumin-Bound Paclitaxel. <i>Frontiers in Immunology</i> , 2017, 8, 693.	2.2	49
1538	Reprogramming of Tumor-Associated Macrophages with Anticancer Therapies: Radiotherapy versus Chemo- and Immunotherapies. <i>Frontiers in Immunology</i> , 2017, 8, 828.	2.2	295
1539	Regulation of Human Macrophage M1 \leftrightarrow M2 Polarization Balance by Hypoxia and the Triggering Receptor Expressed on Myeloid Cells-1. <i>Frontiers in Immunology</i> , 2017, 8, 1097.	2.2	208
1540	Adipocytes and Macrophages Interplay in the Orchestration of Tumor Microenvironment: New Implications in Cancer Progression. <i>Frontiers in Immunology</i> , 2017, 8, 1129.	2.2	62
1541	Cannabinoid Receptor 1 Participates in Liver Inflammation by Promoting M1 Macrophage Polarization via RhoA/NF- κ B p65 and ERK1/2 Pathways, Respectively, in Mouse Liver Fibrogenesis. <i>Frontiers in Immunology</i> , 2017, 8, 1214.	2.2	74
1542	CD14+ Cells with the Phenotype of Infiltrated Monocytes Consist of Distinct Populations Characterized by Anti-inflammatory as well as Pro-inflammatory Activity in Gouty Arthritis. <i>Frontiers in Immunology</i> , 2017, 8, 1260.	2.2	24
1543	Human Cardiac-Derived Stem/Progenitor Cells Fine-Tune Monocyte-Derived Descendants Activities toward Cardiac Repair. <i>Frontiers in Immunology</i> , 2017, 8, 1413.	2.2	12
1544	Iron Induces Anti-tumor Activity in Tumor-Associated Macrophages. <i>Frontiers in Immunology</i> , 2017, 8, 1479.	2.2	121
1545	Molecular Mechanisms Modulating the Phenotype of Macrophages and Microglia. <i>Frontiers in Immunology</i> , 2017, 8, 1520.	2.2	142
1546	Mevalonate Metabolism in Immuno-Oncology. <i>Frontiers in Immunology</i> , 2017, 8, 1714.	2.2	44
1547	Quaking Deficiency Amplifies Inflammation in Experimental Endotoxemia via the Aryl Hydrocarbon Receptor/Signal Transducer and Activator of Transcription 1 α -NF- κ B Pathway. <i>Frontiers in Immunology</i> , 2017, 8, 1754.	2.2	25
1548	Brain Renin-Angiotensin System and Microglial Polarization: Implications for Aging and Neurodegeneration. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 129.	1.7	172

#	ARTICLE	IF	CITATIONS
1549	Pharmacological Modulation of Functional Phenotypes of Microglia in Neurodegenerative Diseases. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 139.	1.7	136
1550	Invasive Intraneural Interfaces: Foreign Body Reaction Issues. <i>Frontiers in Neuroscience</i> , 2017, 11, 497.	1.4	81
1551	The Impact of the Tumor Microenvironment on the Properties of Glioma Stem-Like Cells. <i>Frontiers in Oncology</i> , 2017, 7, 143.	1.3	47
1552	Anti-inflammatory Microglia/Macrophages As a Potential Therapeutic Target in Brain Metastasis. <i>Frontiers in Oncology</i> , 2017, 7, 251.	1.3	71
1553	Natural Killer Cells in the Orchestration of Chronic Inflammatory Diseases. <i>Journal of Immunology Research</i> , 2017, 2017, 1-13.	0.9	37
1554	Yin-yang regulating effects of cancer-associated genes, proteins, and cells: An ancient Chinese concept in vogue in modern cancer research. <i>BioScience Trends</i> , 2017, 11, 612-618.	1.1	12
1555	The Polarization States of Microglia in TBI: A New Paradigm for Pharmacological Intervention. <i>Neural Plasticity</i> , 2017, 2017, 1-11.	1.0	88
1556	Effect of Cocoa Polyphenolic Extract on Macrophage Polarization from Proinflammatory M1 to Anti-Inflammatory M2 State. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-11.	1.9	49
1557	Inflammation and Cancer: Extra- and Intracellular Determinants of Tumor-Associated Macrophages as Tumor Promoters. <i>Mediators of Inflammation</i> , 2017, 2017, 1-13.	1.4	145
1558	Macrophage Polarization in Cerebral Aneurysm: Perspectives and Potential Targets. <i>Journal of Immunology Research</i> , 2017, 2017, 1-7.	0.9	18
1559	Differential S1P Receptor Profiles on M1- and M2-Polarized Macrophages Affect Macrophage Cytokine Production and Migration. <i>BioMed Research International</i> , 2017, 2017, 1-10.	0.9	43
1560	The Role of Tissue Macrophage-Mediated Inflammation on NAFLD Pathogenesis and Its Clinical Implications. <i>Mediators of Inflammation</i> , 2017, 2017, 1-15.	1.4	129
1561	Combination immunotherapy with TLR agonists and checkpoint inhibitors suppresses head and neck cancer. <i>JCI Insight</i> , 2017, 2, .	2.3	203
1562	Parity History Determines a Systemic Inflammatory Response to Spread of Ovarian Cancer in Naturally Aged Mice. , 2017, 8, 546.		17
1563	Multidimensional pooled shRNA screens in human THP-1 cells identify candidate modulators of macrophage polarization. <i>PLoS ONE</i> , 2017, 12, e0183679.	1.1	52
1564	Macrophage origin limits functional plasticity in helminth-bacterial co-infection. <i>PLoS Pathogens</i> , 2017, 13, e1006233.	2.1	39
1565	<i>Clonorchis sinensis</i> antigens alter hepatic macrophage polarization in vitro and in vivo. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005614.	1.3	35
1566	Mitochondrial dynamics controls anti-tumour innate immunity by regulating CHIP-IRF1 axis stability. <i>Nature Communications</i> , 2017, 8, 1805.	5.8	97

#	ARTICLE	IF	CITATIONS
1567	Regulation of early growth response 2 expression by secreted frizzled related protein 1. BMC Cancer, 2017, 17, 473.	1.1	15
1568	Ghrelin therapy improves lung and cardiovascular function in experimental emphysema. Respiratory Research, 2017, 18, 185.	1.4	12
1569	Stat-6 signaling pathway and not Interleukin-1 mediates multi-walled carbon nanotube-induced lung fibrosis in mice: insights from an adverse outcome pathway framework. Particle and Fibre Toxicology, 2017, 14, 37.	2.8	42
1570	Genome-wide profiling of transcribed enhancers during macrophage activation. Epigenetics and Chromatin, 2017, 10, 50.	1.8	41
1571	P62 plasmid can alleviate diet-induced obesity and metabolic dysfunctions. Oncotarget, 2017, 8, 56030-56040.	0.8	13
1572	Immune Cells As Targets and Tools For Cancer Therapy. Immunotherapy (Los Angeles, Calif), 2017, 03, .	0.1	0
1573	Tick Saliva. , 2017, , 145-168.		3
1574	Maturation Phenotype of Peripheral Blood Monocyte/Macrophage After Stimulation with Lipopolysaccharides in Irritable Bowel Syndrome. Journal of Neurogastroenterology and Motility, 2017, 23, 281-288.	0.8	6
1575	Mouse Mesenchymal Progenitor Cells Expressing Adipogenic and Osteogenic Transcription Factors Suppress the Macrophage Inflammatory Response. Stem Cells International, 2017, 2017, 1-13.	1.2	210
1576	A20 protein regulates lipopolysaccharide-induced acute lung injury by downregulation of NF- κ B and macrophage polarization in rats. Molecular Medicine Reports, 2017, 16, 4964-4972.	1.1	10
1577	Interactions between TGF- β 1, canonical WNT/ β -catenin pathway and PPAR β in radiation-induced fibrosis. Oncotarget, 2017, 8, 90579-90604.	0.8	146
1578	Buprenorphine differentially affects M1- and M2-polarized macrophages from human umbilical cord blood. European Cytokine Network, 2017, 28, 85-92.	1.1	7
1579	Anti-complement component 5 antibody targeting MG4 domain inhibits choroidal neovascularization. Oncotarget, 2017, 8, 45506-45516.	0.8	9
1580	Bistability of the cytokine-immune cell network in a cancer microenvironment. Convergent Science Physical Oncology, 2017, 3, 024002.	2.6	12
1581	Skeletal muscle inflammation and insulin resistance in obesity. Journal of Clinical Investigation, 2017, 127, 43-54.	3.9	436
1582	Immune Responses to Biomaterials Used in Renal Engineering. , 2017, , 923-933.		0
1583	Role of innate and adaptive immunity in obesity-associated metabolic disease. Journal of Clinical Investigation, 2017, 127, 5-13.	3.9	330
1584	Tumor-associated macrophages and crown-like structures in adipose tissue in breast cancer. Breast Cancer Research and Treatment, 2018, 170, 15-25.	1.1	39

#	ARTICLE	IF	CITATIONS
1585	Cypermethrin Promotes Lung Cancer Metastasis via Modulation of Macrophage Polarization by Targeting MicroRNA-155/Bcl6. <i>Toxicological Sciences</i> , 2018, 163, 454-465.	1.4	34
1586	Direct conversion of injury-site myeloid cells to fibroblast-like cells of granulation tissue. <i>Nature Communications</i> , 2018, 9, 936.	5.8	132
1587	VASP regulates leukocyte infiltration, polarization, and vascular repair after ischemia. <i>Journal of Cell Biology</i> , 2018, 217, 1503-1519.	2.3	31
1588	Proteomic Identification of Interferon-Induced Proteins with Tetratricopeptide Repeats as Markers of M1 Macrophage Polarization. <i>Journal of Proteome Research</i> , 2018, 17, 1485-1499.	1.8	35
1589	How asbestos drives the tissue towards tumors: YAP activation, macrophage and mesothelial precursor recruitment, RNA editing, and somatic mutations. <i>Oncogene</i> , 2018, 37, 2645-2659.	2.6	53
1590	Inflammation in CNS neurodegenerative diseases. <i>Immunology</i> , 2018, 154, 204-219.	2.0	640
1591	Vein wrapping promotes M2 macrophage polarization in a rat chronic constriction injury model. <i>Journal of Orthopaedic Research</i> , 2018, 36, 2210-2217.	1.2	15
1592	Magnesium enhances the chondrogenic differentiation of mesenchymal stem cells by inhibiting activated macrophage-induced inflammation. <i>Scientific Reports</i> , 2018, 8, 3406.	1.6	73
1593	Formation of p62-positive inclusion body is associated with macrophage polarization in non-alcoholic fatty liver disease. <i>Hepatology Research</i> , 2018, 48, 757-767.	1.8	42
1594	Molecular control of the identity of tissue-resident macrophages. <i>International Immunology</i> , 2018, 30, 485-491.	1.8	14
1595	Modulation of macrophage phenotype and protein secretion via heparin-IL-4 functionalized supramolecular elastomers. <i>Acta Biomaterialia</i> , 2018, 71, 247-260.	4.1	65
1596	Unmasking Fucosylation: from Cell Adhesion to Immune System Regulation and Diseases. <i>Cell Chemical Biology</i> , 2018, 25, 499-512.	2.5	156
1597	Tumor-associated myeloid cells: new understandings on their metabolic regulation and their influence in cancer immunotherapy. <i>FEBS Journal</i> , 2018, 285, 717-733.	2.2	45
1598	Certain BCG-reactive responses are associated with bladder cancer prognosis. <i>Cancer Immunology, Immunotherapy</i> , 2018, 67, 797-803.	2.0	5
1599	Hypoxia and acidosis: immune suppressors and therapeutic targets. <i>Immunology</i> , 2018, 154, 354-362.	2.0	167
1600	Ly6C ^{hi} Blood Monocyte/Macrophage Drive Chronic Inflammation and Impair Wound Healing in Diabetes Mellitus. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 1102-1114.	1.1	128
1601	In vivo systems biology approaches to chronic immune/inflammatory pathophysiology. <i>Current Opinion in Biotechnology</i> , 2018, 52, 9-16.	3.3	4
1602	Gold-manganese oxide nanocomposite suppresses hypoxia and augments pro-inflammatory cytokines in tumor associated macrophages. <i>International Immunopharmacology</i> , 2018, 57, 157-164.	1.7	21

#	ARTICLE	IF	CITATIONS
1603	The dark side of tumor-associated endothelial cells. <i>Seminars in Immunology</i> , 2018, 35, 35-47.	2.7	82
1604	Engulfment of Hb α -activated platelets differentiates monocytes into pro-inflammatory macrophages in PNH patients. <i>European Journal of Immunology</i> , 2018, 48, 1285-1294.	1.6	8
1605	Composite PLA/PEG/nHA/Dexamethasone Scaffold Prepared by 3D Printing for Bone Regeneration. <i>Macromolecular Bioscience</i> , 2018, 18, e1800068.	2.1	62
1606	Cigarette smoke extract interferes with placenta macrophage functions: A new mechanism to compromise placenta functions?. <i>Reproductive Toxicology</i> , 2018, 78, 120-129.	1.3	20
1607	The mesenchymal and myeloid regulation of immunity: Power is nothing without control. <i>Seminars in Immunology</i> , 2018, 35, 1-2.	2.7	1
1608	Preliminary observations of a new approach to tissue repair: Peripheral blood mononuclear cells in platelet-rich plasma injected into skin graft area. <i>Experimental Dermatology</i> , 2018, 27, 795-797.	1.4	5
1609	Metabolic reprogramming of host cells upon bacterial infection: Why shift to a Warburg-like metabolism?. <i>FEBS Journal</i> , 2018, 285, 2146-2160.	2.2	110
1610	Targeting macrophage immunometabolism: Dawn in the darkness of sepsis. <i>International Immunopharmacology</i> , 2018, 58, 173-185.	1.7	98
1611	C5a receptor1 inhibition alleviates influenza virus-induced acute lung injury. <i>International Immunopharmacology</i> , 2018, 59, 12-20.	1.7	20
1612	NLRP3 regulates macrophage M2 polarization through up-regulation of IL-4 in asthma. <i>Biochemical Journal</i> , 2018, 475, 1995-2008.	1.7	63
1613	Reduced substrate stiffness promotes M2-like macrophage activation and enhances peroxisome proliferator-activated receptor β expression. <i>Experimental Cell Research</i> , 2018, 367, 264-273.	1.2	69
1614	Glycocalyx-Mimicking Nanoparticles Improve Anti-PD-L1 Cancer Immunotherapy through Reversion of Tumor-Associated Macrophages. <i>Biomacromolecules</i> , 2018, 19, 2098-2108.	2.6	69
1615	Immune cells involved in the pathogenesis of ankylosing spondylitis. <i>Biomedicine and Pharmacotherapy</i> , 2018, 100, 198-204.	2.5	56
1616	Creating a 3D microenvironment for monocyte cultivation: ECM-mimicking hydrogels based on gelatine and hyaluronic acid derivatives. <i>RSC Advances</i> , 2018, 8, 7606-7614.	1.7	19
1617	Hemolysis and immune regulation. <i>Current Opinion in Hematology</i> , 2018, 25, 177-182.	1.2	29
1618	Lenalidomide regulates CNS autoimmunity by promoting M2 macrophages polarization. <i>Cell Death and Disease</i> , 2018, 9, 251.	2.7	31
1619	TGF- β 1 Suppresses the Type I IFN Response and Induces Mitochondrial Dysfunction in Alveolar Macrophages. <i>Journal of Immunology</i> , 2018, 200, 2115-2128.	0.4	47
1620	Hacking macrophage-associated immunosuppression for regulating glioblastoma angiogenesis. <i>Biomaterials</i> , 2018, 161, 164-178.	5.7	184

#	ARTICLE	IF	CITATIONS
1621	Epigenetic modulation of macrophage polarization- perspectives in diabetic wounds. <i>Journal of Diabetes and Its Complications</i> , 2018, 32, 524-530.	1.2	57
1622	One-pot preparation of polymer microspheres with different porous structures to sequentially release bio-molecules for cutaneous regeneration. <i>Biomaterials Science</i> , 2018, 6, 820-826.	2.6	22
1623	Innate Immunity of the Lung: From Basic Mechanisms to Translational Medicine. <i>Journal of Innate Immunity</i> , 2018, 10, 487-501.	1.8	101
1624	Blockade of insulin-like growth factors increases efficacy of paclitaxel in metastatic breast cancer. <i>Oncogene</i> , 2018, 37, 2022-2036.	2.6	70
1625	Novel mechanisms of Collagenase Santyl Ointment (CSO) in wound macrophage polarization and resolution of wound inflammation. <i>Scientific Reports</i> , 2018, 8, 1696.	1.6	34
1626	The chemokine MCP-1 (CCL2) in the host interaction with cancer: a foe or ally?. <i>Cellular and Molecular Immunology</i> , 2018, 15, 335-345.	4.8	174
1627	Obese asthmatics are characterized by altered adipose tissue macrophage activation. <i>Clinical and Experimental Allergy</i> , 2018, 48, 641-649.	1.4	44
1628	Engineering mechanical microenvironment of macrophage and its biomedical applications. <i>Nanomedicine</i> , 2018, 13, 555-576.	1.7	19
1629	Cornea-Derived Mesenchymal Stromal Cells Therapeutically Modulate Macrophage Immunophenotype and Angiogenic Function. <i>Stem Cells</i> , 2018, 36, 775-784.	1.4	49
1630	Macrophage polarization and activation at the interface of multi-walled carbon nanotube-induced pulmonary inflammation and fibrosis. <i>Nanotoxicology</i> , 2018, 12, 153-168.	1.6	49
1631	Mouse macrophage specific knockout of SIRT1 influences macrophage polarization and promotes angiotensin II-induced abdominal aortic aneurysm formation. <i>Journal of Genetics and Genomics</i> , 2018, 45, 25-32.	1.7	37
1632	Attenuated Macrophage Infiltration in Glomeruli of Aged Mice Resulting in Ameliorated Kidney Injury in Nephrotoxic Serum Nephritis. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 1178-1186.	1.7	3
1633	Vascular niche IL-6 induces alternative macrophage activation in glioblastoma through HIF-2 \uparrow . <i>Nature Communications</i> , 2018, 9, 559.	5.8	176
1634	Intratumoral Delivery of Interferon γ -Secreting Mesenchymal Stromal Cells Repolarizes Tumor-Associated Macrophages and Suppresses Neuroblastoma Proliferation In Vivo. <i>Stem Cells</i> , 2018, 36, 915-924.	1.4	55
1635	Emodin alleviates alternatively activated macrophage and asthmatic airway inflammation in a murine asthma model. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 1317-1325.	2.8	35
1637	Metabolic regulation of macrophages in tissues. <i>Cellular Immunology</i> , 2018, 330, 54-59.	1.4	62
1638	High-density lipoprotein-mimicking nanodiscs carrying peptide for enhanced therapeutic angiogenesis in diabetic hindlimb ischemia. <i>Biomaterials</i> , 2018, 161, 69-80.	5.7	29
1639	Effects of IL-10 and Th 2 cytokines on human M1 \uparrow phenotype and response to CSF1R inhibitor. <i>Journal of Leukocyte Biology</i> , 2018, 103, 545-558.	1.5	6

#	ARTICLE	IF	CITATIONS
1640	NF- κ B, inflammation, immunity and cancer: coming of age. <i>Nature Reviews Immunology</i> , 2018, 18, 309-324.	10.6	1,796
1641	CD204-Expressing Tumor-Associated Macrophages Are Associated With Malignant, High-Grade, and Hormone Receptor-Negative Canine Mammary Gland Tumors. <i>Veterinary Pathology</i> , 2018, 55, 417-424.	0.8	25
1642	CCL20 Expression by Tumor-Associated Macrophages Predicts Progression of Human Primary Cutaneous Melanoma. <i>Cancer Immunology Research</i> , 2018, 6, 267-275.	1.6	49
1643	Chromogranin-A Regulates Macrophage Function and the Apoptotic Pathway in Murine DSS colitis. <i>Journal of Molecular Medicine</i> , 2018, 96, 183-198.	1.7	28
1644	Tumor necrosis factor receptor-associated factor 6 is required to inhibit foreign body giant cell formation and activate osteoclasts under inflammatory and infectious conditions. <i>Journal of Bone and Mineral Metabolism</i> , 2018, 36, 679-690.	1.3	12
1645	Fibroblast activation proteins-1 \pm suppress tumor immunity by regulating T cells and tumor-associated macrophages. <i>Experimental and Molecular Pathology</i> , 2018, 104, 29-37.	0.9	9
1646	Cytokine Profiling of Primary Human Macrophages Exposed to Endotoxin-Free Graphene Oxide: Size-Independent NLRP3 Inflammasome Activation. <i>Advanced Healthcare Materials</i> , 2018, 7, 1700815.	3.9	67
1647	An Integrated View of Immunometabolism. <i>Cell</i> , 2018, 172, 22-40.	13.5	326
1648	GADD45 β Loss Ablates Innate Immunosuppression in Cancer. <i>Cancer Research</i> , 2018, 78, 1275-1292.	0.4	33
1649	Deproteinized bovine bone matrix induces osteoblast differentiation via macrophage polarization. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 1236-1246.	2.1	27
1650	Soybean oil containing ginseng saponins as adjuvants promotes production of cytokines and enhances immune responses to foot-and-mouth disease vaccine. <i>Microbiology and Immunology</i> , 2018, 62, 187-194.	0.7	10
1651	Human M2 Macrophages Limit NK Cell Effector Functions through Secretion of TGF- β 2 and Engagement of CD85j. <i>Journal of Immunology</i> , 2018, 200, 1008-1015.	0.4	52
1652	Developmental control of macrophage function. <i>Current Opinion in Immunology</i> , 2018, 50, 64-74.	2.4	65
1653	Evolving notions on immune response in colorectal cancer and their implications for biomarker development. <i>Inflammation Research</i> , 2018, 67, 375-389.	1.6	32
1654	Structural characterisation and immunomodulatory effects of polysaccharides isolated from <i>Dendrobium aphyllum</i> . <i>International Journal of Food Science and Technology</i> , 2018, 53, 1185-1194.	1.3	28
1655	Necrosis in anti-SRP ⁺ and anti-HMGCR ⁺ myopathies. <i>Neurology</i> , 2018, 90, e507-e517.	1.5	132
1656	The role of inflammatory cytokines and tumor associated macrophages (TAMs) in microenvironment of pancreatic cancer. <i>Cytokine and Growth Factor Reviews</i> , 2018, 39, 46-61.	3.2	90
1657	Aryl hydrocarbon receptor expression by macrophages and lymphocytes within infiltrates in BK polyomavirus associated nephropathy. <i>Transplant Immunology</i> , 2018, 47, 18-21.	0.6	1

#	ARTICLE	IF	CITATIONS
1658	Plasma immunological markers in pregnancy and cord blood: A possible link between macrophage chemoattractants and risk of childhood type 1 diabetes. <i>American Journal of Reproductive Immunology</i> , 2018, 79, e12802.	1.2	13
1659	Macrophage plasticity, polarization, and function in health and disease. <i>Journal of Cellular Physiology</i> , 2018, 233, 6425-6440.	2.0	2,693
1660	Myeloid Cells and Chronic Liver Disease: a Comprehensive Review. <i>Clinical Reviews in Allergy and Immunology</i> , 2018, 54, 307-317.	2.9	6
1661	Surface functionalization of electrospun scaffolds using recombinant human decorin attracts circulating endothelial progenitor cells. <i>Scientific Reports</i> , 2018, 8, 110.	1.6	18
1662	Fever and Skin Involvement at Diagnosis Predicting the Intractable Langerhans Cell Histiocytosis: 40 Case-Series in a Single Center. <i>Journal of Pediatric Hematology/Oncology</i> , 2018, 40, e148-e153.	0.3	3
1663	Small Leucine-Rich Proteoglycans in Renal Inflammation: Two Sides of the Coin. <i>Journal of Histochemistry and Cytochemistry</i> , 2018, 66, 261-272.	1.3	31
1664	Regulation of Intracellular Triiodothyronine Is Essential for Optimal Macrophage Function. <i>Endocrinology</i> , 2018, 159, 2241-2252.	1.4	43
1665	Nrf2 activation protects against intratracheal LPS induced mouse/murine acute respiratory distress syndrome by regulating macrophage polarization. <i>Biochemical and Biophysical Research Communications</i> , 2018, 500, 790-796.	1.0	39
1666	Polycystic ovary syndrome: possible involvement of androgen-induced, chemerin-mediated ovarian recruitment of monocytes/macrophages. <i>Biology of Reproduction</i> , 2018, 99, 838-852.	1.2	71
1667	ER-localized protein-Herpud1 is a new mediator of IL-4-induced macrophage polarization and migration. <i>Experimental Cell Research</i> , 2018, 368, 167-173.	1.2	11
1668	Rab37 in lung cancer mediates exocytosis of soluble ST2 and thus skews macrophages toward tumor-suppressing phenotype. <i>International Journal of Cancer</i> , 2018, 143, 1753-1763.	2.3	25
1669	Molecular Imaging of Inflammation in Ischemic Heart Disease. <i>Current Cardiovascular Imaging Reports</i> , 2018, 11, 1.	0.4	5
1670	Pivotal roles of Kupffer cells in the progression and regression of DDC-induced chronic cholangiopathy. <i>Scientific Reports</i> , 2018, 8, 6415.	1.6	14
1671	Protumor Steering of Cancer Inflammation by p50 NF- κ B Enhances Colorectal Cancer Progression. <i>Cancer Immunology Research</i> , 2018, 6, 578-593.	1.6	38
1672	CD163 Is Required for Protumoral Activation of Macrophages in Human and Murine Sarcoma. <i>Cancer Research</i> , 2018, 78, 3255-3266.	0.4	75
1673	AIBP reduces atherosclerosis by promoting reverse cholesterol transport and ameliorating inflammation in apoE Δ^{Δ} mice. <i>Atherosclerosis</i> , 2018, 273, 122-130.	0.4	38
1674	Transcription factor specificity protein 1 modulates TGF β 1/Smad signaling to negatively regulate SIGIRR expression by human M1 macrophages stimulated with substance P. <i>Cytokine</i> , 2018, 108, 24-36.	1.4	7
1675	IFN Regulatory Factor 2 Inhibits Expression of Glycolytic Genes and Lipopolysaccharide-Induced Proinflammatory Responses in Macrophages. <i>Journal of Immunology</i> , 2018, 200, 3218-3230.	0.4	41

#	ARTICLE	IF	CITATIONS
1676	The Pro-reparative Engine: Stem Cells Aid Healing by Dampening Inflammation. <i>Current Pathobiology Reports</i> , 2018, 6, 109-115.	1.6	1
1677	Human Amniotic Membrane and Amniotic Membrane-Derived Cells. <i>Cell Transplantation</i> , 2018, 27, 77-92.	1.2	46
1678	IL-34 Inhibits Acute Rejection of Rat Liver Transplantation by Inducing Kupffer Cell M2 Polarization. <i>Transplantation</i> , 2018, 102, e265-e274.	0.5	43
1679	Complex interplay of multiple biological systems that contribute to post-stroke infections. <i>Brain, Behavior, and Immunity</i> , 2018, 70, 10-20.	2.0	26
1680	Plasticity of Human THP-1 Cell Phagocytic Activity during Macrophagic Differentiation. <i>Biochemistry (Moscow)</i> , 2018, 83, 200-214.	0.7	24
1681	Differential transcriptional response profiles in human myeloid cell populations. <i>Clinical Immunology</i> , 2018, 189, 63-74.	1.4	15
1682	Allogeneic platelet-rich plasma affects monocyte differentiation to dendritic cells causing an anti-inflammatory microenvironment, putatively fostering wound healing. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 30-43.	1.3	30
1683	PKB/Akt-dependent regulation of inflammation in cancer. <i>Seminars in Cancer Biology</i> , 2018, 48, 62-69.	4.3	87
1684	Macrophage polarization differs between apical granulomas, radicular cysts, and dentigerous cysts. <i>Clinical Oral Investigations</i> , 2018, 22, 385-394.	1.4	36
1685	The Therapeutic Potential of Targeting Tumor Microenvironment in Breast Cancer: Rational Strategies and Recent Progress. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 111-122.	1.2	51
1686	Cellular zinc homeostasis modulates polarization of THP-1-derived macrophages. <i>European Journal of Nutrition</i> , 2018, 57, 2161-2169.	1.8	50
1687	Essential Dietary Bioactive Lipids in Neuroinflammatory Diseases. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 37-60.	2.5	17
1688	Tumor-Associated Macrophages as Target for Antitumor Therapy. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2018, 66, 97-111.	1.0	154
1689	A novel moonlight function of glyceraldehyde-3-phosphate dehydrogenase (GAPDH) for immunomodulation. <i>BioFactors</i> , 2018, 44, 597-608.	2.6	22
1690	Vortioxetine exerts anti-inflammatory and immunomodulatory effects on human monocytes/macrophages. <i>British Journal of Pharmacology</i> , 2018, 175, 113-124.	2.7	50
1691	Metabolism and TAM functions—it takes two to tango. <i>FEBS Journal</i> , 2018, 285, 700-716.	2.2	73
1692	Splenectomy protects aged mice from injury after experimental stroke. <i>Neurobiology of Aging</i> , 2018, 61, 102-111.	1.5	54
1693	Redox-Sensitive Innate Immune Pathways During Macrophage Activation in Type 1 Diabetes. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 1373-1398.	2.5	24

#	ARTICLE	IF	CITATIONS
1694	Targeting the Stat6 pathway in tumor-associated macrophages reduces tumor growth and metastatic niche formation in breast cancer. <i>FASEB Journal</i> , 2018, 32, 969-978.	0.2	134
1695	Myc binding protein 2 suppresses M2-like phenotypes in macrophages during zymosan-induced inflammation in mice. <i>European Journal of Immunology</i> , 2018, 48, 239-249.	1.6	10
1696	Diabetes and Liver Disorders. , 2018, , 85-99.		0
1697	Praziquantel Targets M1 Macrophages and Ameliorates Splenomegaly in Chronic Schistosomiasis. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	21
1698	Application of EGFR inhibitor reduces circulating tumor cells during transcatheter arterial embolization. <i>Clinical and Translational Oncology</i> , 2018, 20, 639-646.	1.2	6
1699	Hepatic leukemia-associated macrophages exhibit a pro-inflammatory phenotype in Notch1-induced acute T cell leukemia. <i>Immunobiology</i> , 2018, 223, 73-80.	0.8	12
1700	Early Macrophage Infiltration Improves Fat Graft Survival by Inducing Angiogenesis and Hematopoietic Stem Cell Recruitment. <i>Plastic and Reconstructive Surgery</i> , 2018, 141, 376-386.	0.7	67
1701	<i>S</i> -allyl-glutathione improves experimental liver fibrosis by regulating Kupffer cell activation in rats. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, G150-G163.	1.6	12
1702	Warfare and defense: The host response to <i>Cryptococcus</i> infection. <i>Fungal Biology Reviews</i> , 2018, 32, 35-51.	1.9	4
1703	Macrophage polarization and allergic asthma. <i>Translational Research</i> , 2018, 191, 1-14.	2.2	246
1704	A drug development perspective on targeting tumor-associated myeloid cells. <i>FEBS Journal</i> , 2018, 285, 763-776.	2.2	31
1705	Macrophages and prognosis of oral squamous cell carcinoma: A systematic review. <i>Journal of Oral Pathology and Medicine</i> , 2018, 47, 460-467.	1.4	98
1706	Role of M2 Macrophages in Sepsis-Induced Acute Kidney Injury. <i>Shock</i> , 2018, 50, 233-239.	1.0	52
1707	The peritoneal soil for a cancerous seed: a comprehensive review of the pathogenesis of intraperitoneal cancer metastases. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 509-525.	2.4	136
1708	Hepatic Hippo signaling inhibits protumoural microenvironment to suppress hepatocellular carcinoma. <i>Gut</i> , 2018, 67, 1692-1703.	6.1	122
1709	A coculture system with three different primary human cell populations reveals that biomaterials and MSC modulate macrophage-driven fibroblast recruitment. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e1433-e1440.	1.3	19
1710	Metabolic regulation of macrophages in tumor microenvironment. <i>Current Opinion in Hematology</i> , 2018, 25, 52-59.	1.2	14
1711	ω -linolenic acid-derived metabolites from gut lactic acid bacteria induce differentiation of anti-inflammatory M2 macrophages through G protein-coupled receptor 40. <i>FASEB Journal</i> , 2018, 32, 304-318.	0.2	69

#	ARTICLE	IF	CITATIONS
1712	Wnt7a induces a unique phenotype of monocyte-derived macrophages with lower phagocytic capacity and differential expression of pro- and anti-inflammatory cytokines. <i>Immunology</i> , 2018, 153, 203-213.	2.0	17
1713	Glycoprotein Nonmelanoma Clone B Regulates the Crosstalk between Macrophages and Mesenchymal Stem Cells toward Wound Repair. <i>Journal of Investigative Dermatology</i> , 2018, 138, 219-227.	0.3	30
1714	Cardiac macrophage biology in the steady-state heart, the aging heart, and following myocardial infarction. <i>Translational Research</i> , 2018, 191, 15-28.	2.2	275
1715	Di-(2-ethylhexyl) phthalate enhances melanoma tumor growth via differential effect on M1-and M2-polarized macrophages in mouse model. <i>Environmental Pollution</i> , 2018, 233, 833-843.	3.7	26
1716	The roles of CSFs on the functional polarization of tumor-associated macrophages. <i>FEBS Journal</i> , 2018, 285, 680-699.	2.2	113
1717	Macrophages – common culprit in obesity and asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 1196-1205.	2.7	50
1718	Intratracheal instillation of alveolar type II cells enhances recovery from acute lung injury in rats. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 782-791.	0.3	28
1719	FoxO1 is a regulator of MHC-II expression and anti-tumor effect of tumor-associated macrophages. <i>Oncogene</i> , 2018, 37, 1192-1204.	2.6	37
1720	Macrophage Polarization Alters Postphagocytosis Survivability of the Commensal <i>Streptococcus gordonii</i> . <i>Infection and Immunity</i> , 2018, 86, .	1.0	16
1721	RBPJ mediates uterine repair in the mouse and is reduced in women with recurrent pregnancy loss. <i>FASEB Journal</i> , 2018, 32, 2452-2466.	0.2	27
1722	Sodium valproate modulates immune response by alternative activation of monocyte-derived macrophages in systemic lupus erythematosus. <i>Clinical Rheumatology</i> , 2018, 37, 719-727.	1.0	24
1723	Glioblastoma stem cell-derived exosomes induce M2 macrophages and PD-L1 expression on human monocytes. <i>Oncolmmunology</i> , 2018, 7, e1412909.	2.1	247
1724	Adipose tissue macrophage polarization in cardiovascular disease. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 325-327.	0.8	0
1725	Drug delivery and tissue engineering to promote wound healing in the immunocompromised host: Current challenges and future directions. <i>Advanced Drug Delivery Reviews</i> , 2018, 129, 319-329.	6.6	29
1726	Repolarizing heterogeneous leukemia-associated macrophages with more M1 characteristics eliminates their pro-leukemic effects. <i>Oncolmmunology</i> , 2018, 7, e1412910.	2.1	62
1727	Oncostatin M in the development of metabolic syndrome and its potential as a novel therapeutic target. <i>Anatomical Science International</i> , 2018, 93, 169-176.	0.5	12
1728	The dual effects of a novel peptibody on angiogenesis inhibition and M2 macrophage polarization on sarcoma. <i>Cancer Letters</i> , 2018, 416, 1-10.	3.2	19
1729	Hyperthermia and Mild Traumatic Brain Injury: Effects on Inflammation and the Cerebral Vasculature. <i>Journal of Neurotrauma</i> , 2018, 35, 940-952.	1.7	17

#	ARTICLE	IF	CITATIONS
1730	WW and C2 domain-containing proteins regulate hepatic cell differentiation and tumorigenesis through the hippo signaling pathway. <i>Hepatology</i> , 2018, 67, 1546-1559.	3.6	30
1731	Salt, Hypertension, and Immunity. <i>Annual Review of Physiology</i> , 2018, 80, 283-307.	5.6	74
1732	Innate immunity in cardiac myxomas and its pathological and clinical correlations. <i>Innate Immunity</i> , 2018, 24, 47-53.	1.1	13
1733	Food components with antifibrotic activity and implications in prevention of liver disease. <i>Journal of Nutritional Biochemistry</i> , 2018, 55, 1-11.	1.9	62
1734	PD-L1 expression with immune-infiltrate evaluation and outcome prediction in melanoma patients treated with ipilimumab. <i>Oncotarget</i> , 2018, 9, e1405206.	2.1	43
1735	Macrophages: Their role, activation and polarization in pulmonary diseases. <i>Immunobiology</i> , 2018, 223, 383-396.	0.8	390
1736	Macrophages under pressure: the role of macrophage polarization in hypertension. <i>Translational Research</i> , 2018, 191, 45-63.	2.2	61
1737	Strategies to release doxorubicin from doxorubicin delivery vehicles. <i>Journal of Drug Targeting</i> , 2018, 26, 9-26.	2.1	13
1738	Oncostatin M causes liver fibrosis by regulating cooperation between hepatic stellate cells and macrophages in mice. <i>Hepatology</i> , 2018, 67, 296-312.	3.6	76
1739	Steroids for sepsis: yes, no or maybe. <i>Journal of Thoracic Disease</i> , 2018, 10, S1070-S1073.	0.6	19
1740	Quantification of Nanoparticle Enhancement in Polarized Breast Tumor Macrophage Deposits by Spatial Analysis of MRI and Histological Iron Contrast Using Computer Vision. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-9.	0.4	6
1741	Phytochemicals as modulators of M1-M2 macrophages in inflammation. <i>Oncotarget</i> , 2018, 9, 17937-17950.	0.8	143
1742	Research Trends of Macrophage Polarization. <i>Chinese Medical Journal</i> , 2018, 131, 2968-2975.	0.9	28
1743	Effects of platinum and palladium nanocolloid on macrophage polarization in relevance to repigmentation of vitiligo. <i>Journal of Cutaneous Immunology and Allergy</i> , 2018, 1, 139-146.	0.2	2
1744	Transcriptional profiling identifies novel regulators of macrophage polarization. <i>PLoS ONE</i> , 2018, 13, e0208602.	1.1	68
1745	Gene Regulatory Network Modeling of Macrophage Differentiation Corroborates the Continuum Hypothesis of Polarization States. <i>Frontiers in Physiology</i> , 2018, 9, 1659.	1.3	102
1746	Phagocytes and the Leishmania Parasite: A Marriage of Convenience. <i>Annals of the National Academy of Medical Sciences (India)</i> , 2018, 54, 231-244.	0.2	0
1747	Intraperitoneal oxaliplatin administration inhibits the tumor immunosuppressive microenvironment in an abdominal implantation model of colon cancer. <i>Molecular Medicine Reports</i> , 2018, 18, 2335-2341.	1.1	8

#	ARTICLE	IF	CITATIONS
1748	Macrophage-Neisseria gonorrhoeae Interactions: A Better Understanding of Pathogen Mechanisms of Immunomodulation. <i>Frontiers in Immunology</i> , 2018, 9, 3044.	2.2	22
1749	The role of the Notch signaling pathway in liver injury and repair. <i>Journal of Bio-X Research</i> , 2018, 1, 95-104.	0.3	2
1750	Iron in the Tumor Microenvironment-Connecting the Dots. <i>Frontiers in Oncology</i> , 2018, 8, 549.	1.3	108
1751	Absence of Regulatory T Cells Causes Phenotypic and Functional Switch in Murine Peritoneal Macrophages. <i>Frontiers in Immunology</i> , 2018, 9, 2458.	2.2	16
1752	Macrophage Polarization in Leishmaniasis: Broadening Horizons. <i>Frontiers in Immunology</i> , 2018, 9, 2529.	2.2	130
1753	Immunohistochemical characterization of the M4 macrophage population in leprosy skin lesions. <i>BMC Infectious Diseases</i> , 2018, 18, 576.	1.3	25
1754	Fucosyl-Agalactosyl IgG1 Induces Cholangiocarcinoma Metastasis and Early Recurrence by Activating Tumor-Associated Macrophage. <i>Cancers</i> , 2018, 10, 460.	1.7	6
1755	Chronic skin inflammation accelerates macrophage cholesterol crystal formation and atherosclerosis. <i>JCI Insight</i> , 2018, 3, .	2.3	43
1756	The Immune System in Nephrotoxicity. , 2018, , 207-235.		0
1757	Attenuating Effects of Nortrachelogenin on IL-4 and IL-13 Induced Alternative Macrophage Activation and on Bleomycin-Induced Dermal Fibrosis. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 13405-13413.	2.4	4
1758	M2 macrophages promote myofibroblast differentiation of LR-MSCs and are associated with pulmonary fibrogenesis. <i>Cell Communication and Signaling</i> , 2018, 16, 89.	2.7	127
1759	Early Growth Response Gene-2 Is Essential for M1 and M2 Macrophage Activation and Plasticity by Modulation of the Transcription Factor CEBP β . <i>Frontiers in Immunology</i> , 2018, 9, 2515.	2.2	81
1760	Macrophages mediate corticotomy-accelerated orthodontic tooth movement. <i>Scientific Reports</i> , 2018, 8, 16788.	1.6	18
1761	Thymoquinone Potently Enhances the Activities of Classically Activated Macrophages Pulsed with Necrotic Jurkat Cell Lysates and the Production of Antitumor Th1-/M1-Related Cytokines. <i>Journal of Interferon and Cytokine Research</i> , 2018, 38, 539-551.	0.5	7
1762	Acceleration of Wound and Burn Healing by Anti-Gal α 1-3-Gal Nanoparticles Interaction. , 2018, , 207-228.		1
1763	Influence of Preparation Methods of Chitoooligosaccharides on Their Physicochemical Properties and Their Anti-Inflammatory Effects in Mice and in RAW264.7 Macrophages. <i>Marine Drugs</i> , 2018, 16, 430.	2.2	25
1764	EGFR Cooperates with EGFRvIII to Recruit Macrophages in Glioblastoma. <i>Cancer Research</i> , 2018, 78, 6785-6794.	0.4	44
1765	Anti-cancer Therapies Employing IL-2 Cytokine Tumor Targeting: Contribution of Innate, Adaptive and Immunosuppressive Cells in the Anti-tumor Efficacy. <i>Frontiers in Immunology</i> , 2018, 9, 2905.	2.2	92

#	ARTICLE	IF	CITATIONS
1766	The Role of Monocytes and Macrophages in Acute and Acute-on-Chronic Liver Failure. <i>Frontiers in Immunology</i> , 2018, 9, 2948.	2.2	190
1767	Gut Microbiome Dysbiosis and Immunometabolism: New Frontiers for Treatment of Metabolic Diseases. <i>Mediators of Inflammation</i> , 2018, 2018, 1-12.	1.4	199
1768	Leukocyte-Derived Interleukin-10 Aggravates Postoperative Ileus. <i>Frontiers in Immunology</i> , 2018, 9, 2599.	2.2	23
1769	Arg1 expression defines immunosuppressive subsets of tumor-associated macrophages. <i>Theranostics</i> , 2018, 8, 5842-5854.	4.6	203
1770	Integrin CD11b activation drives anti-tumor innate immunity. <i>Nature Communications</i> , 2018, 9, 5379.	5.8	198
1771	Identification of alterations in macrophage activation associated with disease activity in systemic lupus erythematosus. <i>PLoS ONE</i> , 2018, 13, e0208132.	1.1	80
1772	Macrophage expression of E3 ubiquitin ligase Grail protects mice from lipopolysaccharide-induced hyperinflammation and organ injury. <i>PLoS ONE</i> , 2018, 13, e0208279.	1.1	8
1773	Characterization of the Myocardial Inflammatory Response in Acute Stress-Induced (Takotsubo) Cardiomyopathy. <i>JACC Basic To Translational Science</i> , 2018, 3, 766-778.	1.9	80
1774	Macrophage MMP10 Regulates TLR7-Mediated Tolerance. <i>Frontiers in Immunology</i> , 2018, 9, 2817.	2.2	9
1775	<i>Lactobacillus paracasei</i> KW3110 Prevents Blue Light-Induced Inflammation and Degeneration in the Retina. <i>Nutrients</i> , 2018, 10, 1991.	1.7	22
1776	Immunology of Wound Healing. <i>Current Dermatology Reports</i> , 2018, 7, 350-358.	1.1	329
1777	CD47 Blockade Inhibits Tumor Progression through Promoting Phagocytosis of Tumor Cells by M2 Polarized Macrophages in Endometrial Cancer. <i>Journal of Immunology Research</i> , 2018, 2018, 1-12.	0.9	56
1778	The epithelial-to-mesenchymal transition induced by tumor-associated macrophages confers chemoresistance in peritoneally disseminated pancreatic cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 307.	3.5	75
1779	A Robust Nanoparticle Platform for RNA Interference in Macrophages to Suppress Tumor Cell Migration. <i>Frontiers in Pharmacology</i> , 2018, 9, 1465.	1.6	13
1780	Modulation of Macrophage Polarization by Human Glomerular Mesangial Cells in Response to the Stimuli in Renal Microenvironment. <i>Journal of Interferon and Cytokine Research</i> , 2018, 38, 566-577.	0.5	6
1781	Healing effect of andiroba-based emulsion in cutaneous wound healing via modulation of inflammation and transforming growth factor beta 3. <i>Acta Cirurgica Brasileira</i> , 2018, 33, 1000-1015.	0.3	10
1782	Reprogramming Tumor Associated Macrophage Phenotype by a Polysaccharide from <i>Ilex asprella</i> for Sarcoma Immunotherapy. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3816.	1.8	19
1783	Fibroinflammatory Liver Injuries as Preneoplastic Condition in Cholangiopathies. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3875.	1.8	21

#	ARTICLE	IF	CITATIONS
1784	Brain Iron Homeostasis: A Focus on Microglial Iron. <i>Pharmaceuticals</i> , 2018, 11, 129.	1.7	80
1785	Hepatic Sinusoidal Cells and Liver-Associated Lymphocytes. , 2018, , 29-40.		0
1786	Targeting Macrophage-Recruiting Chemokines as a Novel Therapeutic Strategy to Prevent the Progression of Solid Tumors. <i>Frontiers in Immunology</i> , 2018, 9, 2629.	2.2	136
1787	Schistosoma mansoni Infection-Induced Transcriptional Changes in Hepatic Macrophage Metabolism Correlate With an Athero-Protective Phenotype. <i>Frontiers in Immunology</i> , 2018, 9, 2580.	2.2	23
1788	Park 7: A Novel Therapeutic Target for Macrophages in Sepsis-Induced Immunosuppression. <i>Frontiers in Immunology</i> , 2018, 9, 2632.	2.2	50
1789	Interleukin-4 (IL-4) may regulate alternative activation of macrophage-like cells in chickens: A sequential study using novel and specific neutralizing monoclonal antibodies against chicken IL-4. <i>Veterinary Immunology and Immunopathology</i> , 2018, 205, 72-82.	0.5	29
1790	The Impact of Tumor Eco-Evolution in Renal Cell Carcinoma Sampling. <i>Cancers</i> , 2018, 10, 485.	1.7	9
1791	Biomaterials for cell transplantation. <i>Nature Reviews Materials</i> , 2018, 3, 441-456.	23.3	153
1792	Immunoregulatory effects of indole-3-carbinol on monocyte-derived macrophages in systemic lupus erythematosus: A crucial role for aryl hydrocarbon receptor. <i>Autoimmunity</i> , 2018, 51, 199-209.	1.2	48
1793	Emergence of immunoregulatory Ym1 ⁺ Ly6C ^{hi} monocytes during recovery phase of tissue injury. <i>Science Immunology</i> , 2018, 3, .	5.6	69
1794	M1/M2-macrophage Polarization-based Hepatotoxicity in d-galactosamine-induced Acute Liver Injury in Rats. <i>Toxicologic Pathology</i> , 2018, 46, 764-776.	0.9	29
1795	Exosomes Isolated From Human Umbilical Cord Mesenchymal Stem Cells Alleviate Neuroinflammation and Reduce Amyloid-Beta Deposition by Modulating Microglial Activation in Alzheimer's Disease. <i>Neurochemical Research</i> , 2018, 43, 2165-2177.	1.6	170
1796	New Insights into the Role of Trace Elements in IBD. <i>BioMed Research International</i> , 2018, 2018, 1-9.	0.9	36
1797	M1 and M2 macrophages differentially regulate hematopoietic stem cell self-renewal and ex vivo expansion. <i>Blood Advances</i> , 2018, 2, 859-870.	2.5	45
1798	Microenvironmental signals govern the cellular identity of testicular macrophages. <i>Journal of Leukocyte Biology</i> , 2018, 104, 757-766.	1.5	41
1799	Differential response of pineal microglia to surgical versus pharmacological stimuli. <i>Journal of Comparative Neurology</i> , 2018, 526, 2462-2481.	0.9	6
1800	Pro-resolving lipid mediators: Agents of anti-ageing?. <i>Seminars in Immunology</i> , 2018, 40, 36-48.	2.7	37
1801	Deficiency in interleukin-10 production by M2 macrophages in eosinophilic chronic rhinosinusitis with nasal polyps. <i>International Forum of Allergy and Rhinology</i> , 2018, 8, 1323-1333.	1.5	25

#	ARTICLE	IF	CITATIONS
1802	Chemokine-Induced Macrophage Polarization in Inflammatory Conditions. <i>Frontiers in Immunology</i> , 2018, 9, 1930.	2.2	266
1803	Transforming Growth Factor- β -Induced Cell Plasticity in Liver Fibrosis and Hepatocarcinogenesis. <i>Frontiers in Oncology</i> , 2018, 8, 357.	1.3	243
1804	Mevalonate Metabolism in Cancer Stemness and Trained Immunity. <i>Frontiers in Oncology</i> , 2018, 8, 394.	1.3	29
1805	Remodeling Tumor-Associated Macrophages and Neovascularization Overcomes EGFR ^{T790M} -Associated Drug Resistance by PD-L1 Nanobody-Mediated Codelivery. <i>Small</i> , 2018, 5, 214, e1802372.		60
1806	Regulation of Hepatic Inflammation via Macrophage Cell Death. <i>Seminars in Liver Disease</i> , 2018, 38, 340-350.	1.8	31
1807	The Role of the Extracellular Matrix and Its Molecular and Cellular Regulators in Cancer Cell Plasticity. <i>Frontiers in Oncology</i> , 2018, 8, 431.	1.3	267
1808	Heterogeneity and Plasticity of Immune Inflammatory Responses in the Tumor Microenvironment: Their Role in the Antitumor Effect and Tumor Aggressiveness. <i>Biology Bulletin Reviews</i> , 2018, 8, 431-448.	0.3	5
1809	Palisaded neutrophilic and granulomatous dermatitis associated with systemic lupus erythematosus: possible involvement of CD163 ⁺ M2 macrophages in two cases, and a review of published works. <i>Lupus</i> , 2018, 27, 2220-2227.	0.8	14
1811	The utility of complement assays in clinical immunology: A comprehensive review. <i>Journal of Autoimmunity</i> , 2018, 95, 191-200.	3.0	4
1812	The peripheral immune response after stroke—A double edge sword for blood-brain barrier integrity. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 1115-1128.	1.9	59
1813	Modular bioinformatics analysis demonstrates that a Toll-like receptor signaling pathway is involved in the regulation of macrophage polarization. <i>Molecular Medicine Reports</i> , 2018, 18, 4313-4320.	1.1	15
1814	Cell- and tissue-specific epigenetic changes associated with chronic inflammation in insulin resistance and type 2 diabetes mellitus. <i>Scandinavian Journal of Immunology</i> , 2018, 88, e12723.	1.3	37
1815	Choosing the Best Chemotherapy Agent to Boost Immune Checkpoint Inhibition Activity. <i>Cancer Research</i> , 2018, 78, 5729-5730.	0.4	11
1816	Microbiome and the immune system: From a healthy steady-state to allergy associated disruption. <i>Human Microbiome Journal</i> , 2018, 10, 11-20.	3.8	51
1817	Cold Atmospheric Pressure Plasma Treatment Modulates Human Monocytes/Macrophages Responsiveness. <i>Plasma</i> , 2018, 1, 261-276.	0.7	14
1818	Epithelial-mesenchymal transition: Initiation by cues from chronic inflammatory tumor microenvironment and termination by anti-inflammatory compounds and specialized pro-resolving lipids. <i>Biochemical Pharmacology</i> , 2018, 158, 261-273.	2.0	26
1819	Reprogramming Tumor-Associated Macrophages by Nanoparticle-Based Reactive Oxygen Species Photogeneration. <i>Nano Letters</i> , 2018, 18, 7330-7342.	4.5	161
1820	The signaling protein Wnt5a promotes TGF β 1-mediated macrophage polarization and kidney fibrosis by inducing the transcriptional regulators Yap/Taz. <i>Journal of Biological Chemistry</i> , 2018, 293, 19290-19302.	1.6	99

#	ARTICLE	IF	CITATIONS
1821	Alterations of Signaling Pathways Related to the Immune System in Breast Cancer: New Perspectives in Patient Management. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2733.	1.8	9
1822	VEGF-Grab Enhances the Efficacy of Radiation Therapy by Blocking VEGF-A and Treatment-Induced PlGF. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 609-618.	0.4	3
1823	The human RNASET2 protein affects the polarization pattern of human macrophages in vitro. <i>Immunology Letters</i> , 2018, 203, 102-111.	1.1	24
1824	Longitudinal study of multiple sclerosis lesions using ultra-high field (7T) multiparametric MR imaging. <i>PLoS ONE</i> , 2018, 13, e0202918.	1.1	36
1825	Dietary energy level affects adipose depot mass but does not impair in vitro subcutaneous adipose tissue response to short-term insulin and tumor necrosis factor- α challenge in nonlactating, nonpregnant Holstein cows. <i>Journal of Dairy Science</i> , 2018, 101, 10206-10219.	1.4	9
1826	Neuropeptides, Inflammation, and Diabetic Wound Healing: Lessons from Experimental Models and Human Subjects. <i>Contemporary Diabetes</i> , 2018, , 131-154.	0.0	3
1827	The Interplay between Circulating Tumor Cells and the Immune System: From Immune Escape to Cancer Immunotherapy. <i>Diagnostics</i> , 2018, 8, 59.	1.3	57
1828	Cardiotrophin-like Cytokine Increases Macrophage "Foam Cell Transition. <i>Journal of Immunology</i> , 2018, 201, 2462-2471.	0.4	16
1829	Macrophages: friend or foe in idiopathic pulmonary fibrosis?. <i>Respiratory Research</i> , 2018, 19, 170.	1.4	205
1830	Smiglaside A ameliorates LPS-induced acute lung injury by modulating macrophage polarization via AMPK-PPAR β pathway. <i>Biochemical Pharmacology</i> , 2018, 156, 385-395.	2.0	56
1831	Angiogenesis: Managing the Culprits behind Tumorigenesis and Metastasis. <i>Medicina (Lithuania)</i> , 2018, 54, 8.	0.8	53
1832	Mycobacterium tuberculosis Virulent Factor ESAT-6 Drives Macrophage Differentiation Toward the Pro-inflammatory M1 Phenotype and Subsequently Switches It to the Anti-inflammatory M2 Phenotype. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 327.	1.8	91
1833	Bufalin Enhances Immune Responses in Leukemic Mice Through Enhancing Phagocytosis of Macrophage <i>In Vivo</i> . <i>In Vivo</i> , 2018, 32, 1129-1136.	0.6	10
1834	Src promotes anti-inflammatory (M2) macrophage generation via the IL-4/STAT6 pathway. <i>Cytokine</i> , 2018, 111, 209-215.	1.4	33
1835	EZH1 Is Associated with TCP-Induced Bone Regeneration through Macrophage Polarization. <i>Stem Cells International</i> , 2018, 2018, 1-10.	1.2	10
1836	Monocyte-derived macrophages for treatment of cerebral palsy: a study of 57 cases. <i>Journal of Neurorestoratology</i> , 0, Volume 6, 41-47.	1.1	9
1837	<i>Panax notoginseng</i> Inhibits Tumor Growth through Activating Macrophage to M1 Polarization. <i>The American Journal of Chinese Medicine</i> , 2018, 46, 1369-1385.	1.5	21
1838	Soluble CD163, a unique biomarker to evaluate the disease activity, exhibits macrophage activation in systemic juvenile idiopathic arthritis. <i>Cytokine</i> , 2018, 110, 459-465.	1.4	34

#	ARTICLE	IF	CITATIONS
1839	AHNAK Loss in Mice Promotes Type II Pneumocyte Hyperplasia and Lung Tumor Development. <i>Molecular Cancer Research</i> , 2018, 16, 1287-1298.	1.5	24
1840	An IL-10 dominant polarization of monocytes is a feature of Indian Visceral Leishmaniasis. <i>Parasite Immunology</i> , 2018, 40, e12535.	0.7	23
1841	Long Noncoding RNA Profiling from Fasciola Gigantica Excretory/Secretory Product-Induced M2 to M1 Macrophage Polarization. <i>Cellular Physiology and Biochemistry</i> , 2018, 47, 505-522.	1.1	3
1842	Macrophage Cytokines Enhance Cell Proliferation of Normal Prostate Epithelial Cells through Activation of ERK and Akt. <i>Scientific Reports</i> , 2018, 8, 7718.	1.6	53
1843	TLR7/8-agonist-loaded nanoparticles promote the polarization of tumour-associated macrophages to enhance cancer immunotherapy. <i>Nature Biomedical Engineering</i> , 2018, 2, 578-588.	11.6	714
1844	First Insights Into the M2 Inflammatory Response After Adipose-Tissue-Derived Stem Cell Injections in Radiation-Injured Muscles. <i>Health Physics</i> , 2018, 115, 37-48.	0.3	12
1845	Shared and independent functions of pAKC1 and Par3 in skin tumorigenesis. <i>Oncogene</i> , 2018, 37, 5136-5146.	2.6	18
1846	Attenuation of macrophage accumulation and polarisation in obese diabetic mice by a small molecule significantly improved insulin sensitivity. <i>Biochemical and Biophysical Research Communications</i> , 2018, 501, 771-778.	1.0	0
1847	Interleukin-17A promotes osteogenic differentiation by increasing OPG/RANKL ratio in stem cells from human exfoliated deciduous teeth (SHED). <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 1856-1866.	1.3	21
1848	Brain-derived microparticles activate microglia/macrophages and induce neuroinflammation. <i>Brain Research</i> , 2018, 1694, 104-110.	1.1	23
1849	Biomimetic carbon monoxide delivery based on hemoglobin vesicles ameliorates acute pancreatitis in mice via the regulation of macrophage and neutrophil activity. <i>Drug Delivery</i> , 2018, 25, 1266-1274.	2.5	39
1850	Persistent expression of neutrophil gelatinase-associated lipocalin and M2 macrophage markers and chronic fibrosis after acute kidney injury. <i>Physiological Reports</i> , 2018, 6, e13707.	0.7	16
1851	Fecal bacteria from Crohn's disease patients more potently activated NOD-like receptors and Toll-like receptors in macrophages, in an IL-4-repressible fashion. <i>Microbial Pathogenesis</i> , 2018, 121, 40-44.	1.3	9
1852	Genetic Models of Macrophage Depletion. <i>Methods in Molecular Biology</i> , 2018, 1784, 243-258.	0.4	13
1853	An unbalanced monocyte macrophage polarization in the bone marrow microenvironment of patients with poor graft function after allogeneic haematopoietic stem cell transplantation. <i>British Journal of Haematology</i> , 2018, 182, 679-692.	1.2	36
1854	Cytokine gene transcription in the trachea, Harderian gland, and trigeminal ganglia of chickens inoculated with virulent infectious laryngotracheitis virus (ILT) strain. <i>Avian Pathology</i> , 2018, 47, 497-508.	0.8	7
1855	Natural Killer Cells from Malignant Pleural Effusion Are Endowed with a Decidual-Like Proangiogenic Polarization. <i>Journal of Immunology Research</i> , 2018, 2018, 1-18.	0.9	43
1856	Beneficial or Harmful Role of Macrophages in Guillain-Barré Syndrome and Experimental Autoimmune Neuritis. <i>Mediators of Inflammation</i> , 2018, 2018, 1-10.	1.4	25

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1857	Regulation of Immune Cell Functions by Metabolic Reprogramming. <i>Journal of Immunology Research</i> , 2018, 2018, 1-12.	0.9	57
1858	Fat Metaplasia in Inflammatory Sacroiliitis and in Nonrheumatic Conditions: A Step Toward Better Characterization. <i>Journal of Rheumatology</i> , 2018, 45, 884-886.	1.0	5
1859	Targeting formyl peptide receptors to facilitate the resolution of inflammation. <i>European Journal of Pharmacology</i> , 2018, 833, 339-348.	1.7	24
1860	Protostemonine attenuates alternatively activated macrophage and DRA-induced asthmatic inflammation. <i>Biochemical Pharmacology</i> , 2018, 155, 198-206.	2.0	23
1861	Macrophage Polarization in Chronic Inflammatory Diseases: Killers or Builders?. <i>Journal of Immunology Research</i> , 2018, 2018, 1-25.	0.9	325
1862	Induction and Amelioration of Methotrexate-Induced Gastrointestinal Toxicity are Related to Immune Response and Gut Microbiota. <i>EBioMedicine</i> , 2018, 33, 122-133.	2.7	80
1863	Mechanism of fibrosis inhibition in laser induced choroidal neovascularization by doxycycline. <i>Experimental Eye Research</i> , 2018, 176, 88-97.	1.2	18
1864	The Role of Macrophages in the Pathogenesis of ALI/ARDS. <i>Mediators of Inflammation</i> , 2018, 2018, 1-8.	1.4	270
1865	Cancer-Stimulated CAFs Enhance Monocyte Differentiation and Protumoral TAM Activation via IL6 and GM-CSF Secretion. <i>Clinical Cancer Research</i> , 2018, 24, 5407-5421.	3.2	116
1866	Stem cell characteristics and the therapeutic potential of amniotic epithelial cells. <i>American Journal of Reproductive Immunology</i> , 2018, 80, e13003.	1.2	76
1867	Bisdemethoxycurcumin and Its Cyclized Pyrazole Analogue Differentially Disrupt Lipopolysaccharide Signalling in Human Monocyte-Derived Macrophages. <i>Mediators of Inflammation</i> , 2018, 2018, 1-13.	1.4	5
1868	Inflammation and Metabolic Complications in HIV. <i>Current HIV/AIDS Reports</i> , 2018, 15, 371-381.	1.1	39
1869	Innate immune cells in reproduction. <i>Journal of Obstetrics and Gynaecology Research</i> , 2018, 44, 2025-2036.	0.6	46
1870	Polarized macrophage subsets differentially express the drug efflux transporters MRP1 and BCRP, resulting in altered HIV production. <i>Antiviral Chemistry and Chemotherapy</i> , 2018, 26, 204020661774516.	0.3	15
1871	Activation of M1 macrophages in sepsis-induced acute kidney injury in response to heparin-binding protein. <i>PLoS ONE</i> , 2018, 13, e0196423.	1.1	30
1872	Circulating low density lipoprotein (LDL). <i>Hormone Molecular Biology and Clinical Investigation</i> , 2018, 35, .	0.3	20
1873	Saxagliptin regulates M1/M2 macrophage polarization via CaMKK β /AMPK pathway to attenuate NAFLD. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 1618-1624.	1.0	28
1874	Decursinol Angelate Inhibits LPS-Induced Macrophage Polarization through Modulation of the NF κ B and MAPK Signaling Pathways. <i>Molecules</i> , 2018, 23, 1880.	1.7	53

#	ARTICLE	IF	CITATIONS
1875	Glatiramer Acetate Enhances Myeloid-Derived Suppressor Cell Function via Recognition of Paired Ig-like Receptor B. <i>Journal of Immunology</i> , 2018, 201, 1727-1734.	0.4	13
1876	Immune cell subset differentiation and tissue inflammation. <i>Journal of Hematology and Oncology</i> , 2018, 11, 97.	6.9	116
1877	Mesenchymal stromal cells from human umbilical cord prevent the development of lung fibrosis in immunocompetent mice. <i>PLoS ONE</i> , 2018, 13, e0196048.	1.1	34
1878	Oncolytic virotherapy for anaplastic and poorly differentiated thyroid cancer: a promise or a clinical reality?. <i>International Journal of Endocrine Oncology</i> , 2018, 5, IJE10.	0.4	1
1879	Targeting Macrophages as a Potential Therapeutic Intervention: Impact on Inflammatory Diseases and Cancer. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1953.	1.8	117
1880	Role of Macrophages in Brain Tumor Growth and Progression. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1005.	1.8	94
1881	The Flavonoid Quercetin Ameliorates Liver Inflammation and Fibrosis by Regulating Hepatic Macrophages Activation and Polarization in Mice. <i>Frontiers in Pharmacology</i> , 2018, 9, 72.	1.6	102
1882	Interleukin-1 β has atheroprotective effects in advanced atherosclerotic lesions of mice. <i>Nature Medicine</i> , 2018, 24, 1418-1429.	15.2	192
1883	Molecular detection of inflammation in cell models using hyperpolarized ^{13}C -pyruvate. <i>Theranostics</i> , 2018, 8, 3400-3407.	4.6	19
1884	The yin-yang of the interaction between myelomonocytic cells and NK cells. <i>Scandinavian Journal of Immunology</i> , 2018, 88, e12705.	1.3	34
1885	Biphasic modulation of insulin signaling enables highly efficient hematopoietic differentiation from human pluripotent stem cells. <i>Stem Cell Research and Therapy</i> , 2018, 9, 205.	2.4	22
1886	Graphene oxide nanosheets increase <i>Candida albicans</i> killing by pro-inflammatory and reparative peritoneal macrophages. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 171, 250-259.	2.5	23
1887	Quantitative analysis of competitive cytokine signaling predicts tissue thresholds for the propagation of macrophage activation. <i>Science Signaling</i> , 2018, 11, .	1.6	55
1888	ApoL1 renal risk variants induce aberrant THP-1 monocyte differentiation and increase eicosanoid production via enhanced expression of cyclooxygenase-2. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F140-F150.	1.3	12
1889	Expression of soluble epoxide hydrolase in renal tubular epithelial cells regulates macrophage infiltration and polarization in IgA nephropathy. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F915-F926.	1.3	22
1890	IGF-1, Inflammation and Retinal Degeneration: A Close Network. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 203.	1.7	66
1891	Hemin Promotes Corneal Allograft Survival Through the Suppression of Macrophage Recruitment and Activation. , 2018, 59, 3952.		10
1892	Fibronectin aggregates promote features of a classically and alternatively activated phenotype in macrophages. <i>Journal of Neuroinflammation</i> , 2018, 15, 218.	3.1	31

#	ARTICLE	IF	CITATIONS
1893	TLR-3 Stimulation Skews M2 Macrophages to M1 Through IFN- γ Signaling and Restricts Tumor Progression. <i>Frontiers in Immunology</i> , 2018, 9, 1650.	2.2	110
1894	Insights From Pre-Clinical and Clinical Studies on the Role of Innate Inflammation in Atherosclerosis Regression. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 32.	1.1	37
1895	Multifaceted Roles for Macrophages in Prostate Cancer Skeletal Metastasis. <i>Frontiers in Endocrinology</i> , 2018, 9, 247.	1.5	43
1896	New Insights into the Immunobiology of Mononuclear Phagocytic Cells and Their Relevance to the Pathogenesis of Cardiovascular Diseases. <i>Frontiers in Immunology</i> , 2017, 8, 1921.	2.2	37
1897	Contribution of IL-1RI Signaling to Protection against <i>Cryptococcus neoformans</i> 52D in a Mouse Model of Infection. <i>Frontiers in Immunology</i> , 2017, 8, 1987.	2.2	18
1898	The Role of the Endothelium during Antibody-Mediated Rejection: From Victim to Accomplice. <i>Frontiers in Immunology</i> , 2018, 9, 106.	2.2	37
1899	Generation of Human Immunosuppressive Myeloid Cell Populations in Human Interleukin-6 Transgenic NOG Mice. <i>Frontiers in Immunology</i> , 2018, 9, 152.	2.2	50
1900	Mammalian Target of Rapamycin Inhibition in <i>Trypanosoma cruzi</i> -Infected Macrophages Leads to an Intracellular Profile That Is Detrimental for Infection. <i>Frontiers in Immunology</i> , 2018, 9, 313.	2.2	29
1901	Macrophage-Derived Protein S Facilitates Apoptotic Polymorphonuclear Cell Clearance by Resolution Phase Macrophages and Supports Their Reprogramming. <i>Frontiers in Immunology</i> , 2018, 9, 358.	2.2	61
1902	Immunological Approaches Towards Cancer and Inflammation: A Cross Talk. <i>Frontiers in Immunology</i> , 2018, 9, 563.	2.2	227
1903	Notch Signaling in Macrophages in the Context of Cancer Immunity. <i>Frontiers in Immunology</i> , 2018, 9, 652.	2.2	46
1904	Cord Blood CD8+ T Cells Have a Natural Propensity to Express IL-4 in a Fatty Acid Metabolism and Caspase Activation-Dependent Manner. <i>Frontiers in Immunology</i> , 2018, 9, 879.	2.2	11
1905	Type 2 Immune Mechanisms in Carbon Nanotube-Induced Lung Fibrosis. <i>Frontiers in Immunology</i> , 2018, 9, 1120.	2.2	53
1906	Transcriptional Regulation of Macrophages Polarization by MicroRNAs. <i>Frontiers in Immunology</i> , 2018, 9, 1175.	2.2	157
1907	Antitumor Immunity Is Controlled by Tetraspanin Proteins. <i>Frontiers in Immunology</i> , 2018, 9, 1185.	2.2	29
1908	γ T Cells and Tumor Microenvironment: From Immunosurveillance to Tumor Evasion. <i>Frontiers in Immunology</i> , 2018, 9, 1395.	2.2	76
1909	Effect of neoadjuvant chemotherapy on the immune microenvironment in non-small cell lung carcinomas as determined by multiplex immunofluorescence and image analysis approaches. , 2018, 6, 48.		126
1910	NF- κ B: Two Sides of the Same Coin. <i>Genes</i> , 2018, 9, 24.	1.0	173

#	ARTICLE	IF	CITATIONS
1911	miR-130a and miR-145 reprogram Gr-1+CD11b+ myeloid cells and inhibit tumor metastasis through improved host immunity. <i>Nature Communications</i> , 2018, 9, 2611.	5.8	29
1912	Human umbilical cord-derived mesenchymal stem cells direct macrophage polarization to alleviate pancreatic islets dysfunction in type 2 diabetic mice. <i>Cell Death and Disease</i> , 2018, 9, 760.	2.7	60
1913	Fibrocytes: A Novel Stromal Cells to Regulate Resistance to Anti-Angiogenic Therapy and Cancer Progression. <i>International Journal of Molecular Sciences</i> , 2018, 19, 98.	1.8	11
1914	Estrogen, Angiogenesis, Immunity and Cell Metabolism: Solving the Puzzle. <i>International Journal of Molecular Sciences</i> , 2018, 19, 859.	1.8	123
1915	Targeting the Adenosinergic Axis in Chronic Lymphocytic Leukemia: A Way to Disrupt the Tumor Niche?. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1167.	1.8	8
1916	Overview of Innate Lung Immunity and Inflammation. <i>Methods in Molecular Biology</i> , 2018, 1809, 17-30.	0.4	21
1917	Explaining the dynamics of tumor aggressiveness: At the crossroads between biology, artificial intelligence and complex systems. <i>Seminars in Cancer Biology</i> , 2018, 53, 42-47.	4.3	19
1918	Metformin Inhibits Prostate Cancer Progression by Targeting Tumor-Associated Inflammatory Infiltration. <i>Clinical Cancer Research</i> , 2018, 24, 5622-5634.	3.2	77
1919	The tale of histone modifications and its role in multiple sclerosis. <i>Human Genomics</i> , 2018, 12, 31.	1.4	29
1920	PSTPIP2 connects DNA methylation to macrophage polarization in CCL4-induced mouse model of hepatic fibrosis. <i>Oncogene</i> , 2018, 37, 6119-6135.	2.6	48
1921	Evaluation of phenotypic and functional stability of RAW 264.7 cell line through serial passages. <i>PLoS ONE</i> , 2018, 13, e0198943.	1.1	205
1922	Biomimetic Tissue Engineering: Tuning the Immune and Inflammatory Response to Implantable Biomaterials. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800490.	3.9	84
1923	Synovial macrophage M1 polarisation exacerbates experimental osteoarthritis partially through R-spondin-2. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 1524-1534.	0.5	257
1924	Epithelialâ€mesenchymal-transition-inducing transcription factors: new targets for tackling chemoresistance in cancer?. <i>Oncogene</i> , 2018, 37, 6195-6211.	2.6	131
1925	Inhibition of IL-18 reduces renal fibrosis after ischemia-reperfusion. <i>Biomedicine and Pharmacotherapy</i> , 2018, 106, 879-889.	2.5	41
1926	The metabolic axis of macrophage and immune cell polarization. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	1.2	46
1927	Autocrine GABA signaling distinctively regulates phenotypic activation of mouse pulmonary macrophages. <i>Cellular Immunology</i> , 2018, 332, 7-23.	1.4	32
1928	Potential Role of Gr-1 ⁺ CD8 ⁺ T Lymphocytes as a Source of Interferon- β and M1/M2 Polarization during the Acute Phase of Murine <i>Legionella pneumophila</i> Pneumonia. <i>Journal of Innate Immunity</i> , 2018, 10, 328-338.	1.8	13

#	ARTICLE	IF	CITATIONS
1929	Innate Immune Cells Are Regulated by Axl in Hypertensive Kidney. <i>American Journal of Pathology</i> , 2018, 188, 1794-1806.	1.9	6
1930	Crosstalk between hepatic tumor cells and macrophages via Wnt/ β -catenin signaling promotes M2-like macrophage polarization and reinforces tumor malignant behaviors. <i>Cell Death and Disease</i> , 2018, 9, 793.	2.7	193
1931	Cell iron status influences macrophage polarization. <i>PLoS ONE</i> , 2018, 13, e0196921.	1.1	124
1932	Oncolytic Viral Therapy and the Immune System: A Double-Edged Sword Against Cancer. <i>Frontiers in Immunology</i> , 2018, 9, 866.	2.2	205
1933	Convenience versus Biological Significance: Are PMA-Differentiated THP-1 Cells a Reliable Substitute for Blood-Derived Macrophages When Studying in Vitro Polarization?. <i>Frontiers in Pharmacology</i> , 2018, 9, 71.	1.6	180
1934	Gasotransmitters and the immune system: Mode of action and novel therapeutic targets. <i>European Journal of Pharmacology</i> , 2018, 834, 92-102.	1.7	50
1935	NAMPT: A pleiotropic modulator of monocytes and macrophages. <i>Pharmacological Research</i> , 2018, 135, 25-36.	3.1	66
1936	Tribbles homolog 1 deficiency modulates function and polarization of murine bone marrow-derived macrophages. <i>Journal of Biological Chemistry</i> , 2018, 293, 11527-11536.	1.6	39
1937	Targeting Tumor-Associated Macrophages as a Potential Strategy to Enhance the Response to Immune Checkpoint Inhibitors. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 38.	1.8	171
1938	Myeloid β -Catenin Deficiency Exacerbates Atherosclerosis in Low-Density Lipoprotein Receptor-Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 1468-1478.	1.1	34
1939	Blood Neutrophils Are Reprogrammed in Bronchiectasis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 880-890.	2.5	52
1940	Effect of colorectal cancer-derived extracellular vesicles on the immunophenotype and cytokine secretion profile of monocytes and macrophages. <i>Cell Communication and Signaling</i> , 2018, 16, 17.	2.7	68
1941	Gut-kidney crosstalk in septic acute kidney injury. <i>Critical Care</i> , 2018, 22, 117.	2.5	52
1942	Mesenchymal stem cells and extracellular matrix scaffold promote muscle regeneration by synergistically regulating macrophage polarization toward the M2 phenotype. <i>Stem Cell Research and Therapy</i> , 2018, 9, 88.	2.4	77
1943	Preclinical Development of a Bispecific Antibody that Safely and Effectively Targets CD19 and CD47 for the Treatment of B-Cell Lymphoma and Leukemia. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 1739-1751.	1.9	87
1944	Survival of Mice with Gastrointestinal Acute Radiation Syndrome through Control of Bacterial Translocation. <i>Journal of Immunology</i> , 2018, 201, 77-86.	0.4	18
1945	GM-CSF overexpression after influenza a virus infection prevents mortality and moderates M1-like airway monocyte/macrophage polarization. <i>Respiratory Research</i> , 2018, 19, 3.	1.4	58
1946	Mathematical modeling of tumor-associated macrophage interactions with the cancer microenvironment. , 2018, 6, 10.		69

#	ARTICLE	IF	CITATIONS
1947	The role of obesity and adipose tissue dysfunction in gestational diabetes mellitus. <i>Journal of Endocrinology</i> , 2018, 238, R63-R77.	1.2	41
1948	Transgenic Mice Overexpressing SREBP-1a in Male ob/ob Mice Exhibit Lipodystrophy and Exacerbate Insulin Resistance. <i>Endocrinology</i> , 2018, 159, 2308-2323.	1.4	14
1949	Role of White Blood Cells in Blood- and Bone Marrow-Based Autologous Therapies. <i>BioMed Research International</i> , 2018, 2018, 1-8.	0.9	25
1950	<i>Fusobacterium nucleatum</i> promotes M2 polarization of macrophages in the microenvironment of colorectal tumours via a TLR4-dependent mechanism. <i>Cancer Immunology, Immunotherapy</i> , 2018, 67, 1635-1646.	2.0	103
1951	Host Resistance Assays for Immunotoxicity Testing. , 2018, , 524-541.		0
1952	Biomaterial-assisted targeted modulation of immune cells in cancer treatment. <i>Nature Materials</i> , 2018, 17, 761-772.	13.3	352
1953	ALX148 blocks CD47 and enhances innate and adaptive antitumor immunity with a favorable safety profile. <i>PLoS ONE</i> , 2018, 13, e0201832.	1.1	102
1954	6-Gingerol as an arginase inhibitor prevents urethane-induced lung carcinogenesis by reprogramming tumor supporting M2 macrophages to M1 phenotype. <i>Food and Function</i> , 2018, 9, 4611-4620.	2.1	31
1955	Homeostasis, regeneration and tumour formation in the mammalian epidermis. <i>International Journal of Developmental Biology</i> , 2018, 62, 571-582.	0.3	36
1956	Macrophage response to hydrophilic biomaterials regulates MSC recruitment and T-helper cell populations. <i>Biomaterials</i> , 2018, 182, 202-215.	5.7	116
1957	Effect of Heat-Killed <i>Lactobacillus paracasei</i> KW3110 Ingestion on Ocular Disorders Caused by Visual Display Terminal (VDT) Loads: A Randomized, Double-Blind, Placebo-Controlled Parallel-Group Study. <i>Nutrients</i> , 2018, 10, 1058.	1.7	26
1958	Sphingosine 1-phosphate receptor modulator ONO-4641 stimulates CD11b+Gr-1+ cell expansion and inhibits lymphocyte infiltration in the lungs to ameliorate murine pulmonary emphysema. <i>Mucosal Immunology</i> , 2018, 11, 1606-1620.	2.7	17
1959	Galectin-3 and Galectin-9 May Differently Regulate the Expressions of Microglial M1/M2 Markers and T Helper 1/Th2 Cytokines in the Brains of Genetically Susceptible C57BL/6 and Resistant BALB/c Mice Following Peroral Infection With <i>Toxoplasma gondii</i> . <i>Frontiers in Immunology</i> , 2018, 9, 1648.	2.2	11
1960	ADAR1 attenuates allogeneic graft rejection by suppressing miR-21 biogenesis in macrophages and promoting M2 polarization. <i>FASEB Journal</i> , 2018, 32, 5162-5173.	0.2	25
1961	The Anaphylatoxin C3a Receptor Expression on Human M2 Macrophages Is Down-Regulated by Stimulating the Histamine H4 Receptor and the IL-4 Receptor. <i>Journal of Innate Immunity</i> , 2018, 10, 349-362.	1.8	17
1962	Transcriptome of porcine alveolar macrophages activated by interferon-gamma and lipopolysaccharide. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 2666-2672.	1.0	26
1963	Lactic Acid Bacteria for Delivery of Endogenous or Engineered Therapeutic Molecules. <i>Frontiers in Microbiology</i> , 2018, 9, 1821.	1.5	31
1964	Annexin A1 in inflammation and breast cancer: a new axis in the tumor microenvironment. <i>Cell Adhesion and Migration</i> , 2018, 12, 1-7.	1.1	28

#	ARTICLE	IF	CITATIONS
1965	A hispanolone-derived diterpenoid inhibits M2-Macrophage polarization in vitro via JAK/STAT and attenuates chitin induced inflammation in vivo. <i>Biochemical Pharmacology</i> , 2018, 154, 373-383.	2.0	32
1966	LAIR-1 activation inhibits inflammatory macrophage phenotype in vitro. <i>Cellular Immunology</i> , 2018, 331, 78-84.	1.4	29
1967	Innate Immunity in Inflammation. , 2018, , 179-190.		1
1968	Producing anti-inflammatory macrophages by nanoparticle-triggered clustering of mannose receptors. <i>Biomaterials</i> , 2018, 178, 95-108.	5.7	80
1969	Macrophages Switch Their Phenotype by Regulating Maf Expression during Different Phases of Inflammation. <i>Journal of Immunology</i> , 2018, 201, 635-651.	0.4	33
1970	Co-expression of <i>LAG-3</i> and <i>TIM-3</i> identifies a potent Treg population that suppresses macrophage functions in colorectal cancer patients. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018, 45, 1002-1009.	0.9	28
1971	A Method for Isolating and Characterizing Mesenchymal Stromal Cell-derived Extracellular Vesicles. <i>Current Protocols in Stem Cell Biology</i> , 2018, 46, e55.	3.0	6
1972	Macrophage conditioned medium promotes colorectal cancer stem cell phenotype via the hedgehog signaling pathway. <i>PLoS ONE</i> , 2018, 13, e0190070.	1.1	17
1973	M1-like macrophages change tumor blood vessels and microenvironment in murine melanoma. <i>PLoS ONE</i> , 2018, 13, e0191012.	1.1	66
1974	Selective targeting of tumor associated macrophages in different tumor models. <i>PLoS ONE</i> , 2018, 13, e0193015.	1.1	20
1975	The dual CCR2/CCR5 chemokine receptor antagonist Ceniviroc reduces macrophage infiltration and disease severity in Duchenne muscular dystrophy (Dmdmdx-4Cv) mice. <i>PLoS ONE</i> , 2018, 13, e0194421.	1.1	26
1976	Modulation the crosstalk between tumor-associated macrophages and non-small cell lung cancer to inhibit tumor migration and invasion by ginsenoside Rh2. <i>BMC Cancer</i> , 2018, 18, 579.	1.1	131
1977	Evaluating Macrophages in Immunotoxicity Testing. <i>Methods in Molecular Biology</i> , 2018, 1803, 255-296.	0.4	1
1978	Oxysterol Signatures Distinguish Age-Related Macular Degeneration from Physiologic Aging. <i>EBioMedicine</i> , 2018, 32, 9-20.	2.7	23
1979	Immunity drives <i>TET1</i> regulation in cancer through NF- κ B. <i>Science Advances</i> , 2018, 4, eaap7309.	4.7	64
1980	Host Defense Antibacterial Effector Cells Influenced by Massive Burns. , 2018, , 221-231.e3.		0
1981	From macrophage to osteoclast – How metabolism determines function and activity. <i>Cytokine</i> , 2018, 112, 102-115.	1.4	43
1982	Hemozoin-induced activation of human monocytes toward M2-like phenotype is partially reversed by antimalarial drugs – chloroquine and artemisinin. <i>MicrobiologyOpen</i> , 2019, 8, e00651.	1.2	18

#	ARTICLE	IF	CITATIONS
1983	Role of Toll-like receptor mediated signaling in traumatic brain injury. <i>Neuropharmacology</i> , 2019, 145, 259-267.	2.0	56
1984	Immunological Mechanisms of Airway Diseases and Pathways to Therapy. , 2019, , 571-584.e1.		3
1985	Adipose mesenchymal stromal cells: Definition, immunomodulatory properties, mechanical isolation and interest for plastic surgery. <i>Annales De Chirurgie Plastique Et Esthetique</i> , 2019, 64, 1-10.	0.2	29
1986	The Role of Metabolic Remodeling in Macrophage Polarization and Its Effect on Skeletal Muscle Regeneration. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 1553-1598.	2.5	82
1987	Asaronic Acid Attenuates Macrophage Activation toward M1 Phenotype through Inhibition of NF- κ B Pathway and JAK-STAT Signaling in Glucose-Loaded Murine Macrophages. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 10069-10078.	2.4	43
1988	Pulmonary fibroblasts-secreted CXCL10 polarizes alveolar macrophages under pro-inflammatory stimuli. <i>Toxicology and Applied Pharmacology</i> , 2019, 380, 114698.	1.3	23
1989	Pancreatic ductal adenocarcinoma: biological hallmarks, current status, and future perspectives of combined modality treatment approaches. <i>Radiation Oncology</i> , 2019, 14, 141.	1.2	285
1990	Inflammatory Mediators and Renal Fibrosis. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1165, 381-406.	0.8	75
1991	Polycystic Kidney Disease and Renal Fibrosis. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1165, 81-100.	0.8	17
1992	Species-specific Quantitative Proteomics Profiles of Sarcoma Patient-Derived Models Closely Reflect Their Primary Tumors. <i>Proteomics - Clinical Applications</i> , 2019, 13, e1900054.	0.8	1
1993	RIG-I-like receptors direct inflammatory macrophage polarization against West Nile virus infection. <i>Nature Communications</i> , 2019, 10, 3649.	5.8	50
1994	Pathogenic role of innate immunity in a model of chronic NO inhibition associated with salt overload. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, F1058-F1067.	1.3	12
1995	Chemotherapy-Induced Metastasis: Molecular Mechanisms, Clinical Manifestations, Therapeutic Interventions. <i>Cancer Research</i> , 2019, 79, 4567-4576.	0.4	79
1996	Neuroimaging of traumatic brain injury in military personnel: An overview. <i>Journal of Clinical Neuroscience</i> , 2019, 70, 1-10.	0.8	13
1997	Reparative macrophage transplantation for myocardial repair: a refinement of bone marrow mononuclear cell-based therapy. <i>Basic Research in Cardiology</i> , 2019, 114, 34.	2.5	32
1998	The N^6 -methyladenosine (m^6A)-forming enzyme METTL3 facilitates M1 macrophage polarization through the methylation of STAT1 mRNA. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 317, C762-C775.	2.1	155
1999	Targeted Killing of Monocytes/Macrophages and Myeloid Leukemia Cells with Pro-Apoptotic Peptides. <i>Cancers</i> , 2019, 11, 1088.	1.7	11
2000	Slc6a8-Mediated Creatine Uptake and Accumulation Reprogram Macrophage Polarization via Regulating Cytokine Responses. <i>Immunity</i> , 2019, 51, 272-284.e7.	6.6	121

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2001	Late Soft Tissue Complications of Head and Neck Cancer Therapy: Lymphedema and Fibrosis. <i>Journal of the National Cancer Institute Monographs</i> , 2019, 2019, .	0.9	33
2002	Development and validation of an interferon signature predicting prognosis and treatment response for glioblastoma. <i>OncImmunology</i> , 2019, 8, e1621677.	2.1	30
2003	Immuno-evolution of mouse pancreatic organoid isografts from preinvasive to metastatic disease. <i>Scientific Reports</i> , 2019, 9, 12286.	1.6	27
2004	Immune Profiling of Thyroid Carcinomas Suggests the Existence of Two Major Phenotypes: an ATC-like and a PDTC-like. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 3557-3575.	1.8	41
2005	Roseburia 1/2 intestinalis supernatant ameliorates colitis induced in mice by regulating the immune response. <i>Molecular Medicine Reports</i> , 2019, 20, 1007-1016.	1.1	24
2006	MCP-induced protein 1 attenuates sepsis-induced acute lung injury by modulating macrophage polarization via the JNK/c-Myc pathway. <i>International Immunopharmacology</i> , 2019, 75, 105741.	1.7	35
2007	Plasminogen and the Plasminogen Receptor, Plg-RKT, Regulate Macrophage Phenotypic, and Functional Changes. <i>Frontiers in Immunology</i> , 2019, 10, 1458.	2.2	54
2008	The effect of healing phenotype-inducing cytokine formulations within soft hydrogels on encapsulated monocytes and incoming immune cells. <i>RSC Advances</i> , 2019, 9, 21396-21404.	1.7	9
2009	Unfolded Protein Response Differentially Regulates TLR4-Induced Cytokine Expression in Distinct Macrophage Populations. <i>Frontiers in Immunology</i> , 2019, 10, 1390.	2.2	12
2010	M2-like macrophages serve as a niche for adipocyte progenitors in adipose tissue. <i>Journal of Diabetes Investigation</i> , 2019, 10, 1394-1400.	1.1	21
2011	Regulatory Interactions Between Neutrophils, Tumor Cells and T Cells. <i>Frontiers in Immunology</i> , 2019, 10, 1690.	2.2	71
2012	Induction of CD8 T cell cytotoxicity by fecal bacteria from healthy individuals and colorectal cancer patients. <i>Biochemical and Biophysical Research Communications</i> , 2019, 516, 1007-1012.	1.0	3
2013	The Significance of IL-36 Hyperactivation and IL-36R Targeting in Psoriasis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3318.	1.8	91
2014	Immunoregulatory Interplay Between Arginine and Tryptophan Metabolism in Health and Disease. <i>Frontiers in Immunology</i> , 2019, 10, 1565.	2.2	55
2015	The Histone Methyltransferase Setdb2 Modulates Macrophage Phenotype and Uric Acid Production in Diabetic Wound Repair. <i>Immunity</i> , 2019, 51, 258-271.e5.	6.6	85
2016	Prognostic Significance of Tumor-Associated Macrophage Content in Head and Neck Squamous Cell Carcinoma: A Meta-Analysis. <i>Frontiers in Oncology</i> , 2019, 9, 656.	1.3	87
2017	Glucocorticoids Shape Macrophage Phenotype for Tissue Repair. <i>Frontiers in Immunology</i> , 2019, 10, 1591.	2.2	73
2018	STAT6 induces expression of Gas6 in macrophages to clear apoptotic neutrophils and resolve inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16513-16518.	3.3	86

#	ARTICLE	IF	CITATIONS
2019	Nephropathy in Hypertensive Animals Is Linked to M2 Macrophages and Increased Expression of the YM1/Chi3I3 Protein. <i>Mediators of Inflammation</i> , 2019, 2019, 1-14.	1.4	5
2020	Lysine-Specific Histone Demethylase 1A Regulates Macrophage Polarization and Checkpoint Molecules in the Tumor Microenvironment of Triple-Negative Breast Cancer. <i>Frontiers in Immunology</i> , 2019, 10, 1351.	2.2	60
2021	Whole Body Vibration-Induced Omental Macrophage Polarization and Fecal Microbiome Modification in a Murine Model. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3125.	1.8	10
2022	Exosomes from adipose-derived mesenchymal stem cells ameliorate cardiac damage after myocardial infarction by activating S1P/SK1/S1PR1 signaling and promoting macrophage M2 polarization. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 114, 105564.	1.2	170
2023	Analysis of the role of IL-10 in the phagocytosis of mlgM+ B lymphocytes in flounder (<i>Paralichthys</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.6	18
2024	Histological analysis of infiltrating macrophages in the cerebral aneurysm walls. <i>Journal of Clinical Neuroscience</i> , 2019, 67, 204-209.	0.8	5
2025	Agonism of CD11b reprograms innate immunity to sensitize pancreatic cancer to immunotherapies. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	148
2026	Scaffolds for ligament tissue engineering. , 2019, , 299-327.		2
2027	Mesenchymal stem cell-based bioengineered constructs: foreign body response, cross-talk with macrophages and impact of biomaterial design strategies for pelvic floor disorders. <i>Interface Focus</i> , 2019, 9, 20180089.	1.5	54
2028	Tumor-associated macrophages: an accomplice in solid tumor progression. <i>Journal of Biomedical Science</i> , 2019, 26, 78.	2.6	635
2029	Macrophage polarization: Reaching across the aisle?. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1348-1350.	1.5	42
2030	The Role of miRNAs in Idiopathic Pulmonary Fibrosis. , 2019, , .		3
2031	CCL2 promotes macrophages-associated chemoresistance via MCP1P1 dual catalytic activities in multiple myeloma. <i>Cell Death and Disease</i> , 2019, 10, 781.	2.7	31
2032	An emerging role for Toll-like receptors at the neuroimmune interface in osteoarthritis. <i>Seminars in Immunopathology</i> , 2019, 41, 583-594.	2.8	37
2033	Selectively targeting tumor-associated macrophages and tumor cells with polymeric micelles for enhanced cancer chemo-immunotherapy. <i>Journal of Controlled Release</i> , 2019, 313, 42-53.	4.8	78
2034	Metabolic Programming of Macrophages: Implications in the Pathogenesis of Granulomatous Disease. <i>Frontiers in Immunology</i> , 2019, 10, 2265.	2.2	53
2035	GDNF enhances the anti-inflammatory effect of human adipose-derived mesenchymal stem cell-based therapy in renal interstitial fibrosis. <i>Stem Cell Research</i> , 2019, 41, 101605.	0.3	24
2036	Targeted VEGF (Vascular Endothelial Growth Factor) Therapy Induces Long-Term Renal Recovery in Chronic Kidney Disease via Macrophage Polarization. <i>Hypertension</i> , 2019, 74, 1113-1123.	1.3	46

#	ARTICLE	IF	CITATIONS
2037	Pathological alteration and therapeutic implications of sepsis-induced immune cell apoptosis. <i>Cell Death and Disease</i> , 2019, 10, 782.	2.7	167
2038	Siglecâ€F is induced by granulocyteâ€macrophage colonyâ€stimulating factor and enhances interleukinâ€4â€induced expression of arginaseâ€1 in mouse macrophages. <i>Immunology</i> , 2019, 158, 340-352.	2.0	13
2039	MiRâ€505 promotes M2 polarization in choroidal neovascularization model mice by targeting transmembrane protein 229B. <i>Scandinavian Journal of Immunology</i> , 2019, 90, e12832.	1.3	10
2040	Proinflammatory Cytokines and Skin Wound Healing in Mice. <i>Molecular Biology</i> , 2019, 53, 653-664.	0.4	52
2041	Signal Integration and Transcriptional Regulation of the Inflammatory Response Mediated by the GM-/M-CSF Signaling Axis in Human Monocytes. <i>Cell Reports</i> , 2019, 29, 860-872.e5.	2.9	29
2042	An efficient protocol to generate placental chorionic plate-derived mesenchymal stem cells with superior proliferative and immunomodulatory properties. <i>Stem Cell Research and Therapy</i> , 2019, 10, 301.	2.4	25
2043	Macrophage metabolic reprogramming aggravates aortic dissection through the HIF1Î±-ADAM17 pathwayâ€°. <i>EBioMedicine</i> , 2019, 49, 291-304.	2.7	74
2044	4-Octyl itaconate inhibits aerobic glycolysis by targeting GAPDH to exert anti-inflammatory effects. <i>Nature Communications</i> , 2019, 10, 5091.	5.8	217
2045	HuoXueTongFu Formula Alleviates Intraperitoneal Adhesion by Regulating Macrophage Polarization and the SOCS/JAK2/STAT/PPAR- <i>Î³</i> Signalling Pathway. <i>Mediators of Inflammation</i> , 2019, 2019, 1-17.	1.4	31
2046	<p>Tumor-Associated Macrophages (TAMs): A Critical Activator In Ovarian Cancer Metastasis</p>. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 8687-8699.	1.0	64
2047	Prolactin Promotes Fibrosis and Pancreatic Cancer Progression. <i>Cancer Research</i> , 2019, 79, 5316-5327.	0.4	36
2048	Immune biology of glioma associated macrophages and microglia: Functional and therapeutic implications. <i>Neuro-Oncology</i> , 2020, 22, 180-194.	0.6	95
2049	The Role of Neuronal Factors in the Epigenetic Reprogramming of Microglia in the Normal and Diseased Central Nervous System. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 453.	1.8	23
2050	Tumorâ€Targeted Drug and CpG Delivery System for Phototherapy and Docetaxelâ€Enhanced Immunotherapy with Polarization toward M1â€Type Macrophages on Triple Negative Breast Cancers. <i>Advanced Materials</i> , 2019, 31, e1904997.	11.1	238
2051	Targeted knock-in mice expressing the oxidase-fixed form of xanthine oxidoreductase favor tumor growth. <i>Nature Communications</i> , 2019, 10, 4904.	5.8	22
2052	Quantitative 1H NMR Metabolomics Reveal Distinct Metabolic Adaptations in Human Macrophages Following Differential Activation. <i>Metabolites</i> , 2019, 9, 248.	1.3	33
2053	Establishment of BV2 microglia polarization model and its effect on <i>Toxoplasma gondii</i> proliferation. <i>Research in Veterinary Science</i> , 2019, 125, 382-389.	0.9	5
2054	Intraperitoneal cancer-immune microenvironment promotes peritoneal dissemination of gastric cancer. <i>Oncolmmunology</i> , 2019, 8, e1671760.	2.1	27

#	ARTICLE	IF	CITATIONS
2055	The cellular microbiology of Salmonellae interactions with macrophages. Cellular Microbiology, 2019, 21, e13116.	1.1	10
2056	Ectonucleotidases in Blood Malignancies: A Tale of Surface Markers and Therapeutic Targets. Frontiers in Immunology, 2019, 10, 2301.	2.2	28
2057	Lactobacillus gasseri Suppresses the Production of Proinflammatory Cytokines in Helicobacter pylori-Infected Macrophages by Inhibiting the Expression of ADAM17. Frontiers in Immunology, 2019, 10, 2326.	2.2	32
2058	Targeting the Immune Microenvironment in the Treatment of Head and Neck Squamous Cell Carcinoma. Frontiers in Oncology, 2019, 9, 1084.	1.3	60
2059	Understanding the basis of transcutaneous vaccine delivery. Therapeutic Delivery, 2019, 10, 63-80.	1.2	15
2060	Cisplatin or carboplatin? Neutrophil to lymphocyte ratio may serve as a useful factor in small cell lung cancer therapy selection. Oncology Letters, 2019, 18, 1513-1520.	0.8	6
2061	Current perspectives on the immunosuppressive tumor microenvironment in hepatocellular carcinoma: challenges and opportunities. Molecular Cancer, 2019, 18, 130.	7.9	261
2062	Agent-based modeling and bifurcation analysis reveal mechanisms of macrophage polarization and phenotype pattern distribution. Scientific Reports, 2019, 9, 12764.	1.6	19
2063	Macrophages with regulatory functions, a possible new therapeutic perspective in autoimmune diseases. Autoimmunity Reviews, 2019, 18, 102369.	2.5	86
2064	Nanoparticles Targeting Macrophages as Potential Clinical Therapeutic Agents Against Cancer and Inflammation. Frontiers in Immunology, 2019, 10, 1998.	2.2	153
2065	Transcriptome analysis of the effect of C-C chemokine receptor 5 deficiency on cell response to Toxoplasma gondii in brain cells. BMC Genomics, 2019, 20, 705.	1.2	7
2066	Mesenchymal stem cell therapy assisted by nanotechnology: a possible combinational treatment for brain tumor and central nerve regeneration. International Journal of Nanomedicine, 2019, Volume 14, 5925-5942.	3.3	37
2067	Mechanical stretch promotes tumoricidal M1 polarization via the FAK/NF- κ B signaling pathway. FASEB Journal, 2019, 33, 13254-13266.	0.2	30
2068	Glutathione Induced Immune-Stimulatory Activity by Promoting M1-Like Macrophages Polarization via Potential ROS Scavenging Capacity. Antioxidants, 2019, 8, 413.	2.2	42
2069	Human keratinocyte carcinomas have distinct differences in their tumor-associated macrophages. Heliyon, 2019, 5, e02273.	1.4	11
2070	Crth2 receptor signaling downregulates lipopolysaccharide-induced NF- κ B activation in murine macrophages via changes in intracellular calcium. FASEB Journal, 2019, 33, 12838-12852.	0.2	8
2071	Macrophage phenotype and its relationship with renal function in human diabetic nephropathy. PLoS ONE, 2019, 14, e0221991.	1.1	36
2072	The Role of Urokinase, Tumor Necrosis Factor, and Matrix Metalloproteinase-9 in Monocyte Activation. Bulletin of Experimental Biology and Medicine, 2019, 167, 492-495.	0.3	3

#	ARTICLE	IF	CITATIONS
2073	<p></p>Functional aspects, phenotypic heterogeneity, and tissue immune response of macrophages in infectious diseases</p></p>. Infection and Drug Resistance, 2019, Volume 12, 2589-2611.	1.1	28
2074	Monocyte/Macrophage Abnormalities Specific to Rheumatoid Arthritis Are Linked to miR-155 and Are Differentially Modulated by Different TNF Inhibitors. Journal of Immunology, 2019, 203, 1766-1775.	0.4	49
2075	Discovery of potent ureido tetrahydrocarbazole derivatives for cancer treatments through targeting tumor-associated macrophages. European Journal of Medicinal Chemistry, 2019, 183, 111741.	2.6	10
2076	Macrophages and hepatocellular carcinoma. Cell and Bioscience, 2019, 9, 79.	2.1	94
2077	Galactan isolated from Cantharellus cibarius modulates antitumor immune response by converting tumor-associated macrophages toward M1-like phenotype. Carbohydrate Polymers, 2019, 226, 115295.	5.1	30
2078	Allostimulatory activity as a criterion of the functional phenotype of human macrophages. Human Immunology, 2019, 80, 890-896.	1.2	3
2079	mTORC1-mediated polarization of M1 macrophages and their accumulation in the liver correlate with immunopathology in fatal ehrlichiosis. Scientific Reports, 2019, 9, 14050.	1.6	36
2080	Recombinant Sj16 protein with novel activity alleviates hepatic granulomatous inflammation and fibrosis induced by Schistosoma japonicum associated with M2 macrophages in a mouse model. Parasites and Vectors, 2019, 12, 457.	1.0	7
2081	Astragalus polysaccharides (PG2) Enhances the M1 Polarization of Macrophages, Functional Maturation of Dendritic Cells, and T Cell-Mediated Anticancer Immune Responses in Patients with Lung Cancer. Nutrients, 2019, 11, 2264.	1.7	85
2082	Enhanced macrophage delivery to the colon using magnetic lipoplexes with a magnetic field. Drug Delivery, 2019, 26, 935-943.	2.5	15
2083	Proinflammatory Differentiation of Macrophages Through Microparticles That Form Immune Complexes Leads to T- and B-Cell Activation in Systemic Autoimmune Diseases. Frontiers in Immunology, 2019, 10, 2058.	2.2	39
2084	5, 7, 2â€™™, 4â€™™, 5â€™™-Pentamethoxyflavanone regulates M1/M2 macrophage phenotype and protects the septic mice. Chinese Journal of Natural Medicines, 2019, 17, 363-371.	0.7	4
2085	MSC-Derived Exosome Promotes M2 Polarization and Enhances Cutaneous Wound Healing. Stem Cells International, 2019, 2019, 1-16.	1.2	242
2086	Macrophage polarization in chronic kidney disease: a balancing act between renal recovery and decline?. American Journal of Physiology - Renal Physiology, 2019, 317, F1409-F1413.	1.3	32
2087	Pathophysiology of Leptospirosis Kidney Disease. Translational Research in Biomedicine, 2019, , 10-19.	0.4	2
2088	Trends and Challenges in Tumor Anti-Angiogenic Therapies. Cells, 2019, 8, 1102.	1.8	150
2089	Blocking CXCLsâ€™™CXCR2 axis in tumorâ€™™stromal interactions contributes to survival in a mouse model of pancreatic ductal adenocarcinoma through reduced cell invasion/migration and a shift of immune-inflammatory microenvironment. Oncogenesis, 2019, 8, 8.	2.1	73
2090	CD1d- and PJA2-related immune microenvironment differs between invasive breast carcinomas with and without a micropapillary feature. BMC Cancer, 2019, 19, 76.	1.1	10

#	ARTICLE	IF	CITATIONS
2091	Endodontic Infection-induced Inflammation Resembling Osteomyelitis of the Jaws in Toll-like Receptor 2/Interleukin 10 Double-knockout Mice. <i>Journal of Endodontics</i> , 2019, 45, 181-188.	1.4	14
2092	Mesenchymal Stem Cell Therapy for Osteoarthritis: The Critical Role of the Cell Secretome. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 9.	2.0	155
2093	Immunometabolism at the interface between macrophages and pathogens. <i>Nature Reviews Immunology</i> , 2019, 19, 291-304.	10.6	285
2094	G-CSF-induced macrophage polarization and mobilization may prevent acute graft-versus-host disease after allogeneic hematopoietic stem cell transplantation. <i>Bone Marrow Transplantation</i> , 2019, 54, 1419-1433.	1.3	40
2095	Alterations in macrophage polarization in injured murine vocal folds. <i>Laryngoscope</i> , 2019, 129, E135-E142.	1.1	12
2096	Accumulation of hypoxia imaging probe ^{18}F -FMISO in macrophages depends on macrophage polarization in addition to hypoxic state. <i>Annals of Nuclear Medicine</i> , 2019, 33, 362-367.	1.2	6
2097	Interplay between early-life malnutrition, epigenetic modulation of the immune function and liver diseases. <i>Nutrition Research Reviews</i> , 2019, 32, 128-145.	2.1	40
2098	High CYP2E1 activity aggravates hepatofibrosis by limiting macrophage polarization towards the M2 phenotype. <i>Molecular Carcinogenesis</i> , 2019, 58, 1481-1491.	1.3	8
2099	Quantifying Cancer Epithelial-Mesenchymal Plasticity and its Association with Stemness and Immune Response. <i>Journal of Clinical Medicine</i> , 2019, 8, 725.	1.0	63
2100	Use of Human Monocyte-Derived Macrophages to Study <i>Neisseria gonorrhoeae</i> Infection. <i>Methods in Molecular Biology</i> , 2019, 1997, 301-318.	0.4	0
2101	Curdlan Limits <i>Mycobacterium tuberculosis</i> Survival Through STAT-1 Regulated Nitric Oxide Production. <i>Frontiers in Microbiology</i> , 2019, 10, 1173.	1.5	19
2102	SIRP α /CD47 axis controls the maintenance of transplant tolerance sustained by myeloid-derived suppressor cells. <i>American Journal of Transplantation</i> , 2019, 19, 3263-3275.	2.6	28
2103	Lipoxin-Induced Phenotypic Changes in CD115+LY6Chi Monocytes TAM Precursors Inhibits Tumor Development. <i>Frontiers in Oncology</i> , 2019, 9, 540.	1.3	13
2104	Antiestrogens in combination with immune checkpoint inhibitors in breast cancer immunotherapy. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 193, 105415.	1.2	44
2105	Tumor-associated macrophage expression of interferon regulatory Factor-8 (IRF8) is a predictor of progression and patient survival in renal cell carcinoma. , 2019, 7, 155.		24
2106	Tumor-infiltrating M2 $\frac{1}{2}$ macrophages driven by specific genomic alterations are associated with prognosis in bladder cancer. <i>Oncology Reports</i> , 2019, 42, 581-594.	1.2	86
2107	Chemokine Receptor CXCR3 Correlates with Decreased M2 Macrophage Infiltration and Favorable Prognosis in Gastric Cancer. <i>BioMed Research International</i> , 2019, 2019, 1-8.	0.9	13
2108	The Role of Interferon Regulatory Factor 5 in Macrophage Inflammation During Osteoarthritis. <i>Inflammation</i> , 2019, 42, 1821-1829.	1.7	7

#	ARTICLE	IF	CITATIONS
2109	Targeting a therapeutic LIF transgene to muscle via the immune system ameliorates muscular dystrophy. <i>Nature Communications</i> , 2019, 10, 2788.	5.8	16
2110	The Prognostic Value of Serum Cytokines in Patients with Acute Ischemic Stroke. , 2019, 10, 544.		48
2111	Catecholamines contribute to the neovascularization of lung cancer via tumor-associated macrophages. <i>Brain, Behavior, and Immunity</i> , 2019, 81, 111-121.	2.0	44
2112	<i>Sedum sarmentosum</i> Bunge extract alleviates inflammation and kidney injury via inhibition of M1-macrophage polarization. <i>Phytomedicine</i> , 2019, 62, 152976.	2.3	26
2113	Interleukin-34 drives macrophage polarization to the M2 phenotype in autoimmune hepatitis. <i>Pathology Research and Practice</i> , 2019, 215, 152493.	1.0	9
2114	Interleukin-32 β inhibits tumor-promoting effects of macrophage-secreted CCL18 in breast cancer. <i>Cell Communication and Signaling</i> , 2019, 17, 53.	2.7	18
2115	Modulation of macrophage subtypes by IRF5 determines osteoclastogenic potential. <i>Journal of Cellular Physiology</i> , 2019, 234, 23033-23042.	2.0	17
2116	JAK/STAT inhibition in macrophages promotes therapeutic resistance by inducing expression of protumorigenic factors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12442-12451.	3.3	50
2117	Effects of dietary nitrate on inflammation and immune function, and implications for cardiovascular health. <i>Nutrition Reviews</i> , 2019, 77, 584-599.	2.6	32
2118	Regenerative Features of Adipose Tissue for Osteoarthritis Treatment in a Rabbit Model: Enzymatic Digestion Versus Mechanical Disruption. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2636.	1.8	31
2119	Cytokine profile and nitric oxide levels in macrophages exposed to <i>Leishmania infantum</i> FML. <i>Experimental Parasitology</i> , 2019, 203, 1-7.	0.5	15
2120	PEGylated substance P augments therapeutic angiogenesis in diabetic critical limb ischemia. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 78, 396-409.	2.9	8
2121	Adipocyte-secreted exosomal microRNA-34a inhibits M2 macrophage polarization to promote obesity-induced adipose inflammation. <i>Journal of Clinical Investigation</i> , 2019, 129, 834-849.	3.9	282
2122	The significance of CD163-expressing macrophages in asthma. <i>Annals of Allergy, Asthma and Immunology</i> , 2019, 123, 263-270.	0.5	8
2123	Severe Fever With Thrombocytopenia Syndrome Virus-Induced Macrophage Differentiation Is Regulated by miR-146. <i>Frontiers in Immunology</i> , 2019, 10, 1095.	2.2	27
2124	A simple culture method for liver and intestinal tissue-resident macrophages from neonatal mice. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2019, 55, 436-444.	0.7	3
2125	Biomaterials: Been There, Done That, and Evolving into the Future. <i>Annual Review of Biomedical Engineering</i> , 2019, 21, 171-191.	5.7	82
2126	Proteomic analysis reveals greater abundance of complement and inflammatory proteins in subcutaneous adipose tissue from postpartum cows treated with sodium salicylate. <i>Journal of Proteomics</i> , 2019, 204, 103399.	1.2	13

#	ARTICLE	IF	CITATIONS
2127	Elevated Kallikrein-binding protein in diabetes impairs wound healing through inducing macrophage M1 polarization. <i>Cell Communication and Signaling</i> , 2019, 17, 60.	2.7	35
2128	Molecular Signature of Asthma-Enhanced Sensitivity to CuO Nanoparticle Aerosols from 3D Cell Model. <i>ACS Nano</i> , 2019, 13, 6932-6946.	7.3	31
2129	Chitosan/poly(β -glutamic acid) nanoparticles incorporating IFN- β for immune response modulation in the context of colorectal cancer. <i>Biomaterials Science</i> , 2019, 7, 3386-3403.	2.6	32
2130	Macrophages and T cells in atherosclerosis: a translational perspective. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H375-H386.	1.5	39
2131	Bisphenol A promotes macrophage proinflammatory subtype polarization via upregulation of IRF5 expression in vitro. <i>Toxicology in Vitro</i> , 2019, 60, 97-106.	1.1	21
2132	Repurposing azithromycin for neonatal neuroprotection. <i>Pediatric Research</i> , 2019, 86, 444-451.	1.1	27
2133	Targeting the tumour immune microenvironment for cancer therapy in human gastrointestinal malignancies. <i>Cancer Letters</i> , 2019, 458, 123-135.	3.2	40
2134	Cell division cycle protein 42 regulates the inflammatory response in mice bearing inflammatory bowel disease. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 1833-1838.	1.9	9
2135	Dietary Habits Bursting into the Complex Pathogenesis of Autoimmune Diseases: The Emerging Role of Salt from Experimental and Clinical Studies. <i>Nutrients</i> , 2019, 11, 1013.	1.7	22
2137	Lectin isolated from <i>Bothrops jararacussu</i> venom induces IL-10 release by TCD4+ cells and TNF- α release by monocytes and natural killer cells. <i>Journal of Leukocyte Biology</i> , 2019, 106, 595-605.	1.5	10
2138	Interaction of tumor-associated macrophages and cancer chemotherapy. <i>Oncolmmunology</i> , 2019, 8, e1596004.	2.1	205
2139	DFMO and 5-Azacytidine Increase M1 Macrophages in the Tumor Microenvironment of Murine Ovarian Cancer. <i>Cancer Research</i> , 2019, 79, 3445-3454.	0.4	59
2140	Irf5 deficiency in myeloid cells prevents necrotizing enterocolitis by inhibiting M1 macrophage polarization. <i>Mucosal Immunology</i> , 2019, 12, 888-896.	2.7	36
2141	Heme oxygenase-1-Dependent anti-inflammatory effects of atorvastatin in zymosan-injected subcutaneous air pouch in mice. <i>PLoS ONE</i> , 2019, 14, e0216405.	1.1	17
2142	Pioglitazone decreased renal calcium oxalate crystal formation by suppressing M1 macrophage polarization via the PPAR- β -miR-23 axis. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, F137-F151.	1.3	28
2143	Monocyte chemoattractant protein-1 and secreted ectodomain of sialic acid-binding Ig-like lectin-9 enhance bone regeneration by inducing M2 macrophages. <i>Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology</i> , 2019, 31, 169-174.	0.2	2
2144	Mitochondrial Dysfunction in Atherosclerosis. <i>DNA and Cell Biology</i> , 2019, 38, 597-606.	0.9	91
2145	Inhibition of osteoclastogenesis by opsonized <i>Porphyromonas gingivalis</i> . <i>FASEB BioAdvances</i> , 2019, 1, 213-226.	1.3	6

#	ARTICLE	IF	CITATIONS
2146	The NADPH Oxidase Nox4 Controls Macrophage Polarization in an NF- κ B-Dependent Manner. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	1.9	36
2147	Combination of metformin with sodium selenite induces a functional phenotypic switch of human GM-CSF monocyte-derived macrophages. <i>International Immunopharmacology</i> , 2019, 73, 212-224.	1.7	2
2148	APOL1 renal risk variants promote cholesterol accumulation in tissues and cultured macrophages from APOL1 transgenic mice. <i>PLoS ONE</i> , 2019, 14, e0211559.	1.1	39
2149	TonEBP Suppresses the HO-1 Gene by Blocking Recruitment of Nrf2 to Its Promoter. <i>Frontiers in Immunology</i> , 2019, 10, 850.	2.2	14
2150	Macrophage-Driven Biomaterial Degradation Depends on Scaffold Microarchitecture. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 87.	2.0	89
2151	3D chitosan scaffolds impair NLRP3 inflammasome response in macrophages. <i>Acta Biomaterialia</i> , 2019, 91, 123-134.	4.1	26
2152	Macrophage in vitro Response on Hybrid Coatings Obtained by Matrix Assisted Pulsed Laser Evaporation. <i>Coatings</i> , 2019, 9, 236.	1.2	15
2153	Liver Macrophages: Old Dogmas and New Insights. <i>Hepatology Communications</i> , 2019, 3, 730-743.	2.0	256
2154	Blackcurrant (<i>Ribes nigrum</i>) Extract Exerts an Anti-Inflammatory Action by Modulating Macrophage Phenotypes. <i>Nutrients</i> , 2019, 11, 975.	1.7	20
2155	LXR Signaling Regulates Macrophage Survival and Inflammation in Response to Ionizing Radiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 913-923.	0.4	20
2156	Analysis of Macrophage Activation Markers in an Experimental Model of Cutaneous Leishmaniasis Treated with Photodynamic Therapy Mediated by 5-Aminolevulinic Acid. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2019, 37, 298-304.	0.7	7
2157	IL33 attenuates ventricular remodeling after myocardial infarction through inducing alternatively activated macrophages ethical standards statement. <i>European Journal of Pharmacology</i> , 2019, 854, 307-319.	1.7	11
2158	Periostin in Eye Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1132, 113-124.	0.8	3
2159	GM-CSF and IRF4-Dependent Signaling Can Regulate Myeloid Cell Numbers and the Macrophage Phenotype during Inflammation. <i>Journal of Immunology</i> , 2019, 202, 3033-3040.	0.4	28
2160	Increased Plasma Levels of the TH2 chemokine CCL18 associated with low CD4+ T cell counts in HIV-1-infected Patients with a Suppressed Viral Load. <i>Scientific Reports</i> , 2019, 9, 5963.	1.6	8
2161	Glucagon-like peptide-1 modulates RAW264.7 macrophage polarization by interfering with the JNK/STAT3 signaling pathway. <i>Experimental and Therapeutic Medicine</i> , 2019, 17, 3573-3579.	0.8	17
2162	The Long Pentraxin PTX3 as a Link Between Innate Immunity, Tissue Remodeling, and Cancer. <i>Frontiers in Immunology</i> , 2019, 10, 712.	2.2	125
2163	Macrophage Polarization in Physiological and Pathological Pregnancy. <i>Frontiers in Immunology</i> , 2019, 10, 792.	2.2	400

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2164	Adoptive transfer of <i>Trichinella spiralis</i> -activated macrophages can ameliorate both Th1- and Th2-activated inflammation in murine models. <i>Scientific Reports</i> , 2019, 9, 6547.	1.6	39
2165	Loss of the androgen receptor suppresses intrarenal calcium oxalate crystals deposition via altering macrophage recruitment/M2 polarization with change of the miR-185-5p/CSF-1 signals. <i>Cell Death and Disease</i> , 2019, 10, 275.	2.7	36
2166	Macrophage-specific hypoxia-inducible factor-1 α deletion suppresses the development of liver tumors in high-fat diet-fed obese and diabetic mice. <i>Journal of Diabetes Investigation</i> , 2019, 10, 1411-1418.	1.1	4
2167	Brevenal, a Marine Natural Product, is Anti-Inflammatory and an Immunomodulator of Macrophage and Lung Epithelial Cells. <i>Marine Drugs</i> , 2019, 17, 184.	2.2	27
2168	Induction of breast cancer stem cells by M1 macrophages through Lin-28B-let-7-HMGA2 axis. <i>Cancer Letters</i> , 2019, 452, 213-225.	3.2	53
2169	Plc β 2/Tmem178 dependent pathway in myeloid cells modulates the pathogenesis of cytokine storm syndrome. <i>Journal of Autoimmunity</i> , 2019, 100, 62-74.	3.0	25
2170	Metabolism and inflammation: implications for traumatic brain injury therapeutics. <i>Expert Review of Neurotherapeutics</i> , 2019, 19, 227-242.	1.4	25
2171	Cardiotrophin-1 is an anti-inflammatory cytokine and promotes IL-4-induced M2 macrophage polarization. <i>FASEB Journal</i> , 2019, 33, 7578-7587.	0.2	8
2172	Breast Phyllodes Tumors Recruit and Repolarize Tumor-Associated Macrophages via Secreting CCL5 to Promote Malignant Progression, Which Can Be Inhibited by CCR5 Inhibition Therapy. <i>Clinical Cancer Research</i> , 2019, 25, 3873-3886.	3.2	96
2173	Quercetin confers protection of murine sepsis by inducing macrophage M2 polarization via the TRPM2 dependent calcium influx and AMPK/ATF3 activation. <i>Journal of Functional Foods</i> , 2019, 56, 1-13.	1.6	11
2174	Platelet lysate outperforms FCS and human serum for co-culture of primary human macrophages and hMSCs. <i>Scientific Reports</i> , 2019, 9, 3533.	1.6	20
2175	Key inflammatory pathways underlying vascular remodeling in pulmonary hypertension. <i>Herz</i> , 2019, 44, 130-137.	0.4	13
2176	Podophyllotoxin and Rutin Modulate M1 (iNOS+) Macrophages and Mitigate Lethal Radiation (LR) Induced Inflammatory Responses in Mice. <i>Frontiers in Immunology</i> , 2019, 10, 106.	2.2	11
2177	Colony-stimulating factor 1 receptor inhibition blocks macrophage infiltration and endometrial cancer cell proliferation. <i>Molecular Medicine Reports</i> , 2019, 19, 3139-3147.	1.1	9
2178	Senescence-accelerated mice (SAMP1/TA-1) treated repeatedly with lipopolysaccharide develop a condition that resembles hemophagocytic lymphohistiocytosis. <i>Haematologica</i> , 2019, 104, 1995-2005.	1.7	9
2179	The Sleep-Immune Crosstalk in Health and Disease. <i>Physiological Reviews</i> , 2019, 99, 1325-1380.	13.1	711
2180	Phenotypic Screening-Based Identification of 3,4-Disubstituted Piperidine Derivatives as Macrophage M2 Polarization Modulators: An Opportunity for Treating Multiple Sclerosis. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 3268-3285.	2.9	9
2181	Surface Modification of Polymeric Nanoparticles with M2pep Peptide for Drug Delivery to Tumor-Associated Macrophages. <i>Pharmaceutical Research</i> , 2019, 36, 65.	1.7	50

#	ARTICLE	IF	CITATIONS
2182	Tanshinone IIA harmonizes the crosstalk of autophagy and polarization in macrophages via miR-375/KLF4 pathway to attenuate atherosclerosis. <i>International Immunopharmacology</i> , 2019, 70, 486-497.	1.7	63
2183	Diet Supplementation in 3 Polyunsaturated Fatty Acid Favors an Anti-Inflammatory Basal Environment in Mouse Adipose Tissue. <i>Nutrients</i> , 2019, 11, 438.	1.7	18
2184	Cellular Innate Immunity against PRRSV and Swine Influenza Viruses. <i>Veterinary Sciences</i> , 2019, 6, 26.	0.6	29
2185	Activation of microglia and astrocytes: a roadway to neuroinflammation and Alzheimer's disease. <i>Inflammopharmacology</i> , 2019, 27, 663-677.	1.9	276
2186	Hypoxia and the regulation of myeloid cell metabolic imprinting: consequences for the inflammatory response. <i>EMBO Reports</i> , 2019, 20, .	2.0	57
2187	An immunosuppressive macrophage profile attenuates the prognostic impact of CD20-positive B cells in human soft tissue sarcoma. <i>Cancer Immunology, Immunotherapy</i> , 2019, 68, 927-936.	2.0	32
2188	Tailoring Nanomaterials for Targeting Tumor-Associated Macrophages. <i>Advanced Materials</i> , 2019, 31, e1808303.	11.1	223
2189	Advances in Vaccines for Controlling Foodborne Salmonella spp. in Poultry. , 2019, , 161-189.		0
2190	The role of PD-1/PD-L1 axis and macrophage in the progression and treatment of cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019, 145, 1377-1385.	1.2	74
2191	3D type I collagen environment leads up to a reassessment of the classification of human macrophage polarizations. <i>Biomaterials</i> , 2019, 208, 98-109.	5.7	26
2192	Modulation of peripheral blood immune cells by early use of steroids and its association with clinical outcomes in patients with metastatic non-small cell lung cancer treated with immune checkpoint inhibitors. <i>ESMO Open</i> , 2019, 4, e000457.	2.0	151
2193	The immunological response to traumatic brain injury. <i>Journal of Neuroimmunology</i> , 2019, 332, 112-125.	1.1	95
2194	Tumour-Associated Macrophages (TAMs) in Colon Cancer and How to Reeducate Them. <i>Journal of Immunology Research</i> , 2019, 2019, 1-9.	0.9	116
2195	The Head and Neck Squamous Cell Carcinoma Microenvironment as a Potential Target for Cancer Therapy. <i>Cancers</i> , 2019, 11, 440.	1.7	43
2196	Fibroblasts stimulate macrophage migration in interconnected extracellular matrices through tunnel formation and fiber alignment. <i>Biomaterials</i> , 2019, 209, 88-102.	5.7	21
2197	C1q/TNF-related protein 9 promotes macrophage polarization and improves cardiac dysfunction after myocardial infarction. <i>Journal of Cellular Physiology</i> , 2019, 234, 18731-18747.	2.0	45
2198	Hesperidin inhibits synovial cell inflammation and macrophage polarization through suppression of the PI3K/AKT pathway in complete Freund's adjuvant-induced arthritis in mice. <i>Chemico-Biological Interactions</i> , 2019, 306, 19-28.	1.7	55
2199	Propagermanium, a CCR2 inhibitor, attenuates cerebral ischemia/reperfusion injury through inhibiting inflammatory response induced by microglia. <i>Neurochemistry International</i> , 2019, 125, 99-110.	1.9	24

#	ARTICLE	IF	CITATIONS
2200	Derivation of Macrophages from Mouse Bone Marrow. <i>Methods in Molecular Biology</i> , 2019, 1960, 41-55.	0.4	6
2201	Rapid and selective mobilization of specific stem cell types after consumption of a polyphenol-rich extract from sea buckthorn berries (<i>Hippophae</i>) in healthy human subjects. <i>Clinical Interventions in Aging</i> , 2019, Volume 14, 253-263.	1.3	14
2202	Single-domain antibody fusion proteins can target and shuttle functional proteins into macrophage mannose receptor expressing macrophages. <i>Journal of Controlled Release</i> , 2019, 299, 107-120.	4.8	17
2203	The emerging roles of macrophages in cancer metastasis and response to chemotherapy. <i>Journal of Leukocyte Biology</i> , 2019, 106, 259-274.	1.5	80
2204	Aberrant DNA methylation of M1-macrophage genes in coronary artery disease. <i>Scientific Reports</i> , 2019, 9, 1429.	1.6	21
2205	Inhibition of Hedgehog signaling reprograms the dysfunctional immune microenvironment in breast cancer. <i>Oncolmmunology</i> , 2019, 8, 1548241.	2.1	76
2206	Immunoregulatory potential of mesenchymal stem cells following activation by macrophage-derived soluble factors. <i>Stem Cell Research and Therapy</i> , 2019, 10, 58.	2.4	126
2207	Tricarboxylic acid cycle metabolites in the control of macrophage activation and effector phenotypes. <i>Journal of Leukocyte Biology</i> , 2019, 106, 359-367.	1.5	39
2208	Gene Expression Profiling of NFATc1-Knockdown in RAW 264.7 Cells: An Alternative Pathway for Macrophage Differentiation. <i>Cells</i> , 2019, 8, 131.	1.8	13
2209	Immune targets in the tumor microenvironment treated by radiotherapy. <i>Theranostics</i> , 2019, 9, 1215-1231.	4.6	96
2210	RRx-001 Acts as a Dual Small Molecule Checkpoint Inhibitor by Downregulating CD47 on Cancer Cells and SIRP-1 on Monocytes/Macrophages. <i>Translational Oncology</i> , 2019, 12, 626-632.	1.7	66
2211	Computational Modeling of the Crosstalk Between Macrophage Polarization and Tumor Cell Plasticity in the Tumor Microenvironment. <i>Frontiers in Oncology</i> , 2019, 9, 10.	1.3	55
2212	Tumor-Associated Macrophages Induce Endocrine Therapy Resistance in ER+ Breast Cancer Cells. <i>Cancers</i> , 2019, 11, 189.	1.7	45
2213	Tumor-associated macrophages: a short compendium. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 1447-1458.	2.4	71
2214	Screening Five Qi-Tonifying Herbs on M2 Phenotype Macrophages. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-8.	0.5	17
2215	A Flow Cytometric Method for Isolating Cystic Fibrosis Airway Macrophages from Expecterated Sputum. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 42-50.	1.4	17
2216	A replication-incompetent CD154/40L recombinant vaccinia virus induces direct and macrophage-mediated antitumor effects <i>in vitro</i> and <i>in vivo</i> . <i>Oncolmmunology</i> , 2019, 8, e1568162.	2.1	5
2217	Cannabinoid receptor 2 deficiency exacerbates inflammation and neutrophil recruitment. <i>FASEB Journal</i> , 2019, 33, 6154-6167.	0.2	41

#	ARTICLE	IF	CITATIONS
2218	Monocytes of newly diagnosed juvenile DM1 patients are prone to differentiate into regulatory IL-10+ M2 macrophages. <i>Immunologic Research</i> , 2019, 67, 58-69.	1.3	9
2219	Material stiffness influences the polarization state, function and migration mode of macrophages. <i>Acta Biomaterialia</i> , 2019, 89, 47-59.	4.1	245
2220	M2 macrophages in kidney disease: biology, therapies, and perspectives. <i>Kidney International</i> , 2019, 95, 760-773.	2.6	100
2221	Cancer associated fibroblasts sculpt tumour microenvironment by recruiting monocytes and inducing immunosuppressive PD-1+ TAMs. <i>Scientific Reports</i> , 2019, 9, 3172.	1.6	178
2222	Nicotinamide Phosphoribosyltransferase Acts as a Metabolic Gate for Mobilization of Myeloid-Derived Suppressor Cells. <i>Cancer Research</i> , 2019, 79, 1938-1951.	0.4	58
2223	Glutamine Metabolism in Macrophages: A Novel Target for Obesity/Type 2 Diabetes. <i>Advances in Nutrition</i> , 2019, 10, 321-330.	2.9	121
2224	The Neutrophil's Role During Health and Disease. <i>Physiological Reviews</i> , 2019, 99, 1223-1248.	13.1	567
2225	Deregulation of microRNA expression in monocytes and CD4+ T lymphocytes from patients with axial spondyloarthritis. <i>Arthritis Research and Therapy</i> , 2019, 21, 51.	1.6	21
2226	Lipopolysaccharide mediates time-dependent macrophage M1/M2 polarization through the Tim-3/Galectin-9 signalling pathway. <i>Experimental Cell Research</i> , 2019, 376, 124-132.	1.2	56
2227	Novel function of PiT1/SLC20A1 in LPS-related inflammation and wound healing. <i>Scientific Reports</i> , 2019, 9, 1808.	1.6	27
2228	Stochastic Petri Net Models for the Study of Macrophage Reprogramming. , 2019, , .		0
2229	Gene Expression Profiles for Macrophage in Tissues in Response to Different Exercise Training Protocols in Senescence Mice. <i>Frontiers in Sports and Active Living</i> , 2019, 1, 50.	0.9	13
2230	Heterogeneity and plasticity of porcine alveolar macrophage and pulmonary interstitial macrophage isolated from healthy pigs <i>in vitro</i> . <i>Biology Open</i> , 2019, 8, .	0.6	2
2231	Selenium and selenoproteins in prostanoid metabolism and immunity. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2019, 54, 484-516.	2.3	51
2232	Glia maturation factor-1 ³ regulates murine macrophage iron metabolism and M2 polarization through mitochondrial ROS. <i>Blood Advances</i> , 2019, 3, 1211-1225.	2.5	23
2233	A mechanistic integrative computational model of macrophage polarization: Implications in human pathophysiology. <i>PLoS Computational Biology</i> , 2019, 15, e1007468.	1.5	39
2234	Latent Inflammation and Defect in Adipocyte Renewal as a Mechanism of Obesity-Associated Insulin Resistance. <i>Biochemistry (Moscow)</i> , 2019, 84, 1329-1345.	0.7	24
2235	Anti-inflammatory effect of <i>Prunus tomentosa</i> Thunb total flavones in LPS-induced RAW264.7 cells. <i>Open Chemistry</i> , 2019, 17, 685-693.	1.0	1

#	ARTICLE	IF	CITATIONS
2237	Allies or Enemies? The Multifaceted Role of Myeloid Cells in the Tumor Microenvironment. <i>Frontiers in Immunology</i> , 2019, 10, 2746.	2.2	41
2238	The Ancient Chinese Decoction Yu-Ping-Feng Suppresses Orthotopic Lewis Lung Cancer Tumor Growth Through Increasing M1 Macrophage Polarization and CD4+ T Cell Cytotoxicity. <i>Frontiers in Pharmacology</i> , 2019, 10, 1333.	1.6	28
2239	Tumor-Associated Macrophages in Hematologic Malignancies: New Insights and Targeted Therapies. <i>Cells</i> , 2019, 8, 1526.	1.8	48
2240	The Cross Talk between Cancer Stem Cells/Cancer Initiating Cells and Tumor Microenvironment: The Missing Piece of the Puzzle for the Efficient Targeting of these Cells with Immunotherapy. <i>Cancer Microenvironment</i> , 2019, 12, 133-148.	3.1	36
2241	Increased heart fibrosis and acute infection in a murine Chagas disease model associated with organophosphorus pesticide metabolite exposure. <i>Scientific Reports</i> , 2019, 9, 17539.	1.6	8
2242	Hijacking of immune defences by biofilms: a multifront strategy. <i>Biofouling</i> , 2019, 35, 1055-1074.	0.8	54
2243	Homogentisic acid-derived pigment as a biocompatible label for optoacoustic imaging of macrophages. <i>Nature Communications</i> , 2019, 10, 5056.	5.8	13
2244	Targeting Histone Deacetylases in Myeloid Cells Inhibits Their Maturation and Inflammatory Function With Limited Effects on Atherosclerosis. <i>Frontiers in Pharmacology</i> , 2019, 10, 1242.	1.6	16
2245	p300/CBP inhibitor A-485 alleviates acute liver injury by regulating macrophage activation and polarization. <i>Theranostics</i> , 2019, 9, 8344-8361.	4.6	44
2246	Monocytes and macrophages in atherogenesis. <i>Current Opinion in Lipidology</i> , 2019, 30, 401-408.	1.2	27
2247	More Than Just Attractive: How CCL2 Influences Myeloid Cell Behavior Beyond Chemotaxis. <i>Frontiers in Immunology</i> , 2019, 10, 2759.	2.2	385
2248	Recent discovery of phosphoinositide 3-kinase $\hat{1}^3$ inhibitors for the treatment of immune diseases and cancers. <i>Future Medicinal Chemistry</i> , 2019, 11, 2151-2169.	1.1	13
2249	Activation of both transforming growth factor- $\hat{1}^2$ and bone morphogenetic protein signalling pathways upon traumatic brain injury restrains pro-inflammatory and boosts tissue reparatory responses of reactive astrocytes and microglia. <i>Brain Communications</i> , 2019, 1, fcz028.	1.5	26
2250	Extracellular Vesicles from Human Adipose-Derived Stem Cells for the Improvement of Angiogenesis and Fat-Grafting Application. <i>Plastic and Reconstructive Surgery</i> , 2019, 144, 869-880.	0.7	59
2251	Distinct Redox Signalling following Macrophage Activation Influences Profibrotic Activity. <i>Journal of Immunology Research</i> , 2019, 2019, 1-15.	0.9	9
2252	Binding of von Willebrand Factor to Complement C1q Decreases the Phagocytosis of Cholesterol Crystals and Subsequent IL-1 Secretion in Macrophages. <i>Frontiers in Immunology</i> , 2019, 10, 2712.	2.2	13
2253	The Influence of Dietary Fatty Acids on Immune Responses. <i>Nutrients</i> , 2019, 11, 2990.	1.7	181
2254	Serum levels of the chemokine CCL2 are elevated in malignant pleural mesothelioma patients. <i>BMC Cancer</i> , 2019, 19, 1204.	1.1	17

#	ARTICLE	IF	CITATIONS
2255	Current and upcoming therapies to modulate skin scarring and fibrosis. <i>Advanced Drug Delivery Reviews</i> , 2019, 146, 37-59.	6.6	114
2256	Mesenchymal stem cells attenuate sepsis-induced liver injury via inhibiting M1 polarization of Kupffer cells. <i>Molecular and Cellular Biochemistry</i> , 2019, 452, 187-197.	1.4	31
2257	Effect of Polarization and Chronic Inflammation on Macrophage Expression of Heparan Sulfate Proteoglycans and Biosynthesis Enzymes. <i>Journal of Histochemistry and Cytochemistry</i> , 2019, 67, 9-27.	1.3	20
2258	Kallistatin Inhibits Atherosclerotic Inflammation by Regulating Macrophage Polarization. <i>Human Gene Therapy</i> , 2019, 30, 339-351.	1.4	28
2259	Transcriptome profile of rat genes in bone marrow-derived macrophages at different activation statuses by RNA-sequencing. <i>Genomics</i> , 2019, 111, 986-996.	1.3	6
2260	Macrophage plasticity, polarization and function in response to curcumin, a diet-derived polyphenol, as an immunomodulatory agent. <i>Journal of Nutritional Biochemistry</i> , 2019, 66, 1-16.	1.9	112
2261	Transcriptional and functional diversity of human macrophage repolarization. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1536-1548.	1.5	49
2262	M1/M2 Macrophages Play Different Roles in Adipogenic Differentiation of PDGFR β ⁺ Preadipocytes In Vitro. <i>Aesthetic Plastic Surgery</i> , 2019, 43, 514-520.	0.5	11
2263	Innate immune crosstalk in asthmatic airways: Innate lymphoid cells coordinate polarization of lung macrophages. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1769-1782.e11.	1.5	64
2264	Water extract of ginseng and astragalus regulates macrophage polarization and synergistically enhances DDP's anticancer effect. <i>Journal of Ethnopharmacology</i> , 2019, 232, 11-20.	2.0	46
2265	Epigenetic Regulation of Peripheral Macrophages in Neuropathic Pain. , 2019, , 49-67.		2
2266	Cpr137b is an orphan G-protein-coupled receptor associated with M2 macrophage polarization. <i>Biochemical and Biophysical Research Communications</i> , 2019, 509, 657-663.	1.0	5
2267	Characterization of M1 and M2 polarization phenotypes in peritoneal macrophages after treatment with graphene oxide nanosheets. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 176, 96-105.	2.5	49
2268	Melatonin in macrophage biology: Current understanding and future perspectives. <i>Journal of Pineal Research</i> , 2019, 66, e12547.	3.4	152
2269	Inflammatory Macrophages in the Sciatic Nerves Facilitate Neuropathic Pain Associated with Type 2 Diabetes Mellitus. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 368, 535-544.	1.3	30
2270	IL13-Mediated Dectin-1 and Mannose Receptor Overexpression Promotes Macrophage Antitumor Activities through Recognition of Sialylated Tumor Cells. <i>Cancer Immunology Research</i> , 2019, 7, 321-334.	1.6	18
2271	Induction of M2 Macrophages Prevents Bone Loss in Murine Periodontitis Models. <i>Journal of Dental Research</i> , 2019, 98, 200-208.	2.5	147
2272	A Molecular Targeted Immunotherapeutic Strategy for Ulcerative Colitis via Dual-targeting Nanoparticles Delivering miR-146b to Intestinal Macrophages. <i>Journal of Crohn's and Colitis</i> , 2019, 13, 482-494.	0.6	70

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2273	Microglia metabolism in health and disease. <i>Neurochemistry International</i> , 2019, 130, 104331.	1.9	56
2274	Circulating mir-320a promotes immunosuppressive macrophages M2 phenotype associated with lung cancer risk. <i>International Journal of Cancer</i> , 2019, 144, 2746-2761.	2.3	56
2275	Macrophage immunomodulation in chronic osteolytic diseases—the case of periodontitis. <i>Journal of Leukocyte Biology</i> , 2019, 105, 473-487.	1.5	69
2276	Glucosamine improves survival in a mouse model of sepsis and attenuates sepsis-induced lung injury and inflammation. <i>Journal of Biological Chemistry</i> , 2019, 294, 608-622.	1.6	96
2277	Dipeptidyl peptidase-4 inhibitor teneligliptin accelerates recovery from cisplatin-induced acute kidney injury by attenuating inflammation and promoting tubular regeneration. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, 1669-1680.	0.4	34
2278	Cinobufacini Ameliorates Dextran Sulfate Sodium-Induced Colitis in Mice through Inhibiting M1 Macrophage Polarization. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 368, 391-400.	1.3	33
2279	Intravenous administration of human adipose-derived stem cells ameliorates motor and cognitive function for intracerebral hemorrhage mouse model. <i>Brain Research</i> , 2019, 1711, 58-67.	1.1	28
2280	The phagocytic state of brain myeloid cells after ischemia revealed by superresolution structured illumination microscopy. <i>Journal of Neuroinflammation</i> , 2019, 16, 9.	3.1	20
2281	Cadherin-11-mediated adhesion of macrophages to myofibroblasts establishes a profibrotic niche of active TGF- β 2. <i>Science Signaling</i> , 2019, 12, .	1.6	113
2282	Myosin 1F Regulates M1-Polarization by Stimulating Intercellular Adhesion in Macrophages. <i>Frontiers in Immunology</i> , 2018, 9, 3118.	2.2	40
2283	IgG4 drives M2a macrophages to a regulatory M2b-like phenotype: potential implication in immune tolerance. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 483-494.	2.7	50
2284	Seselin ameliorates inflammation via targeting Jak2 to suppress the proinflammatory phenotype of macrophages. <i>British Journal of Pharmacology</i> , 2019, 176, 317-333.	2.7	20
2285	Targeting Cancer Cells and Tumor Microenvironment in Preclinical and Clinical Models of Hodgkin Lymphoma Using the Dual PI3K/ β Inhibitor RP6530. <i>Clinical Cancer Research</i> , 2019, 25, 1098-1112.	3.2	69
2286	The role of iron metabolism in cancer therapy focusing on tumor-associated macrophages. <i>Journal of Cellular Physiology</i> , 2019, 234, 8028-8039.	2.0	26
2287	Plasticity of antimicrobial and phagocytic programs in human macrophages. <i>Immunology</i> , 2019, 156, 164-173.	2.0	20
2288	Increased tumour cell PD-L1 expression, macrophage and dendritic cell infiltration characterise the tumour microenvironment of ulcerated primary melanomas. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2019, 33, 667-675.	1.3	21
2289	Effects of macrophages and CXCR2 on adipogenic differentiation of bone marrow mesenchymal stem cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 9475-9485.	2.0	11
2290	Renal dysfunction aggravated impaired cutaneous wound healing in diabetic mice. <i>Wound Repair and Regeneration</i> , 2019, 27, 49-58.	1.5	5

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2291	MKP-1 promotes anti-inflammatory M(IL-4/IL-13) macrophage phenotype and mediates the anti-inflammatory effects of glucocorticoids. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019, 124, 404-415.	1.2	13
2292	Targeted Delivery of Antigen to Activated CD169+ Macrophages Induces Bias for Expansion of CD8+ T Cells. <i>Cell Chemical Biology</i> , 2019, 26, 131-136.e4.	2.5	44
2293	Mesenchymal Stem Cells and Induced Bone Marrow-Derived Macrophages Synergistically Improve Liver Fibrosis in Mice. <i>Stem Cells Translational Medicine</i> , 2019, 8, 271-284.	1.6	102
2294	Muscle Immune Cells, Obesity, and High-Fat Feeding. , 2019, , 125-135.		1
2295	Pleurotus citrinopileatus polysaccharide stimulates anti-inflammatory properties during monocyte-to-macrophage differentiation. <i>International Journal of Biological Macromolecules</i> , 2019, 122, 705-712.	3.6	45
2296	The DosR antigen Rv1737c from <i>Mycobacterium tuberculosis</i> confers inflammation regulation in tuberculosis infection. <i>Scandinavian Journal of Immunology</i> , 2019, 89, e12729.	1.3	2
2297	Monoterpenes modulating cytokines - A review. <i>Food and Chemical Toxicology</i> , 2019, 123, 233-257.	1.8	68
2298	Tumor-derived exosomal microRNAs and proteins as modulators of macrophage function. <i>Journal of Cellular Physiology</i> , 2019, 234, 7970-7982.	2.0	25
2299	Physalin D regulates macrophage M1/M2 polarization via the STAT1/6 pathway. <i>Journal of Cellular Physiology</i> , 2019, 234, 8788-8796.	2.0	62
2300	Endometriotic inflammatory microenvironment induced by macrophages can be targeted by niclosamide. <i>Biology of Reproduction</i> , 2019, 100, 398-408.	1.2	15
2301	Emerging evidence of an effect of salt on innate and adaptive immunity. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, 2007-2014.	0.4	8
2302	Effect of gamma irradiation doses in the structural and functional properties of mice splenic cells. <i>International Journal of Radiation Biology</i> , 2019, 95, 286-297.	1.0	0
2303	Influence of Immunological Maturity on Respiratory Syncytial Virus-Induced Morbidity in Young Children. <i>Viral Immunology</i> , 2019, 32, 76-83.	0.6	11
2304	Targeting epigenetic mechanisms in diabetic wound healing. <i>Translational Research</i> , 2019, 204, 39-50.	2.2	127
2305	IL-6 mediates ER expansion during hyperpolarization of alternatively activated macrophages. <i>Immunology and Cell Biology</i> , 2019, 97, 203-217.	1.0	18
2306	The inflammasome in host response to biomaterials: Bridging inflammation and tissue regeneration. <i>Acta Biomaterialia</i> , 2019, 83, 1-12.	4.1	84
2307	Sexual Dimorphism in Innate Immunity. <i>Clinical Reviews in Allergy and Immunology</i> , 2019, 56, 308-321.	2.9	430
2308	Beyond bystanders: Myeloid cells in chronic lymphocytic leukemia. <i>Molecular Immunology</i> , 2019, 110, 77-87.	1.0	24

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2309	Interferon $\hat{\beta}$ and Its Important Roles in Promoting and Inhibiting Spontaneous and Therapeutic Cancer Immunity. <i>Cold Spring Harbor Perspectives in Biology</i> , 2019, 11, a028480.	2.3	315
2310	Macrophages: Key orchestrators of a tumor microenvironment defined by therapeutic resistance. <i>Molecular Immunology</i> , 2019, 110, 3-12.	1.0	45
2311	Prunella vulgaris Polysaccharide Inhibits Growth and Migration of Breast Carcinoma-Associated Fibroblasts by Suppressing Expression of Basic Fibroblast Growth Factor. <i>Chinese Journal of Integrative Medicine</i> , 2020, 26, 270-276.	0.7	14
2312	Shifting Paradigms in Allergic Contact Dermatitis: The Role of Innate Immunity. <i>Journal of Investigative Dermatology</i> , 2020, 140, 21-28.	0.3	24
2313	Intravenous immunoglobulin suppresses the polarization of both classically and alternatively activated macrophages. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 233-239.	1.4	5
2314	Reducing macrophage numbers alleviates temporomandibular joint ankylosis. <i>Cell and Tissue Research</i> , 2020, 379, 521-536.	1.5	6
2315	Diversity, Mechanisms, and Significance of Macrophage Plasticity. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2020, 15, 123-147.	9.6	932
2316	Nardosinane N suppresses LPS-induced macrophage activation by modulating the Nrf2 pathway and mPGES-1. <i>Biochemical Pharmacology</i> , 2020, 173, 113639.	2.0	11
2317	Quercetin Promotes Diabetic Wound Healing via Switching Macrophages From M1 to M2 Polarization. <i>Journal of Surgical Research</i> , 2020, 246, 213-223.	0.8	85
2318	Yes-Associated Protein in Kupffer Cells Enhances the Production of Proinflammatory Cytokines and Promotes the Development of Nonalcoholic Steatohepatitis. <i>Hepatology</i> , 2020, 72, 72-87.	3.6	64
2319	Transcriptome analysis reveals GPNMB as a potential therapeutic target for gastric cancer. <i>Journal of Cellular Physiology</i> , 2020, 235, 2738-2752.	2.0	17
2320	Uterine deficiency of high-mobility group box-1 (HMGB1) protein causes implantation defects and adverse pregnancy outcomes. <i>Cell Death and Differentiation</i> , 2020, 27, 1489-1504.	5.0	26
2321	Melatonin mediates mucosal immune cells, microbial metabolism, and rhythm crosstalk: A therapeutic target to reduce intestinal inflammation. <i>Medicinal Research Reviews</i> , 2020, 40, 606-632.	5.0	100
2322	Advances in pathogenic mechanisms and management of radiation-induced fibrosis. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109560.	2.5	38
2323	Aberrant ER Stress Induced Neuronal-IFN $\hat{\beta}$ Elicits White Matter Injury Due to Microglial Activation and T-Cell Infiltration after TBI. <i>Journal of Neuroscience</i> , 2020, 40, 424-446.	1.7	93
2324	Luteolin Alters Macrophage Polarization to Inhibit Inflammation. <i>Inflammation</i> , 2020, 43, 95-108.	1.7	87
2325	Cell Death and Autoimmune Disease. , 2020, , 291-303.		0
2326	Wear particles induce a new macrophage phenotype with the potential to accelerate material corrosion within total hip replacement interfaces. <i>Acta Biomaterialia</i> , 2020, 101, 586-597.	4.1	40

#	ARTICLE	IF	CITATIONS
2327	ATP/P2X7r axis mediates the pathological process of allergic asthma by inducing M2 polarization of alveolar macrophages. <i>Experimental Cell Research</i> , 2020, 386, 111708.	1.2	21
2328	The effect of talc particles on phagocytes in co-culture with ovarian cancer cells. <i>Environmental Research</i> , 2020, 180, 108676.	3.7	10
2329	Lachnum polysaccharide suppresses S180 sarcoma by boosting anti-tumor immune responses and skewing tumor-associated macrophages toward M1 phenotype. <i>International Journal of Biological Macromolecules</i> , 2020, 144, 1022-1033.	3.6	22
2330	Amelioration of colitis in mice by <i>Leuconostoc lactis</i> by M1 to M2 macrophage polarization. <i>Microbiology and Immunology</i> , 2020, 64, 133-142.	0.7	12
2331	Polysaccharide Capsules Equip the Human Symbiont <i>Bacteroides thetaiotaomicron</i> to Modulate Immune Responses to a Dominant Antigen in the Intestine. <i>Journal of Immunology</i> , 2020, 204, 1035-1046.	0.4	26
2332	Malignant transformation of oral leukoplakia is associated with macrophage polarization. <i>Journal of Translational Medicine</i> , 2020, 18, 11.	1.8	34
2333	Potential role of NF- κ B pathway in the immuno-inflammatory responses during human cystic echinococcosis. <i>Acta Tropica</i> , 2020, 203, 105306.	0.9	7
2334	How the redox state regulates immunity. <i>Free Radical Biology and Medicine</i> , 2020, 157, 3-14.	1.3	44
2335	Vitamin D and microbiota: Two sides of the same coin in the immunomodulatory aspects. <i>International Immunopharmacology</i> , 2020, 79, 106112.	1.7	60
2336	Synovial biopsies in inflammatory arthritis: precision medicine in rheumatoid arthritis. <i>Expert Review of Molecular Diagnostics</i> , 2020, 20, 315-325.	1.5	16
2337	MicroRNA-21 Mediates the Inhibiting Effect of Praziquantel on NLRP3 Inflammasome in <i>Schistosoma japonicum</i> Infection. <i>Frontiers in Veterinary Science</i> , 2019, 6, 517.	0.9	4
2338	Role of donor macrophages after heart and lung transplantation. <i>American Journal of Transplantation</i> , 2020, 20, 1225-1235.	2.6	22
2339	Macrophages in Atherosclerosis Regression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 20-33.	1.1	312
2340	Sophoridine suppresses macrophage-mediated immunosuppression through TLR4/IRF3 pathway and subsequently upregulates CD8+ T cytotoxic function against gastric cancer. <i>Biomedicine and Pharmacotherapy</i> , 2020, 121, 109636.	2.5	51
2341	Characterization of Macrophages and Myofibroblasts Appearing in Dibutyltin Dichloride-Induced Rat Pancreatic Fibrosis. <i>Toxicologic Pathology</i> , 2020, 48, 509-523.	0.9	7
2342	Extracellular Vesicle-Mediated Communication between the Glioblastoma and Its Microenvironment. <i>Cells</i> , 2020, 9, 96.	1.8	60
2343	The shift in macrophages polarisation after tendon injury: A systematic review. <i>Journal of Orthopaedic Translation</i> , 2020, 21, 24-34.	1.9	32
2344	Development and characterization of monoclonal antibodies specific for chicken interleukin-13 and their neutralizing effects in chicken primary monocytes. <i>Poultry Science</i> , 2020, 99, 772-782.	1.5	6

#	ARTICLE	IF	CITATIONS
2345	Assessment of the Changes in Mitochondrial Gene Polymorphism in Ulcerative Colitis and the Etiology of Ulcerative Colitis-associated Colorectal Cancer. <i>Anticancer Research</i> , 2020, 40, 101-107.	0.5	7
2346	Csf1 Deficiency Dysregulates Glial Responses to Demyelination and Disturbs CNS White Matter Remyelination. <i>Cells</i> , 2020, 9, 99.	1.8	18
2347	Biological role of GITR/GITRL in attributes and immune responses of macrophage. <i>Journal of Leukocyte Biology</i> , 2020, 107, 309-321.	1.5	9
2348	Drug delivery to macrophages: A review of targeting drugs and drug carriers to macrophages for inflammatory diseases. <i>Advanced Drug Delivery Reviews</i> , 2020, 165-166, 15-40.	6.6	146
2349	Design of biodegradable, implantable devices towards clinical translation. <i>Nature Reviews Materials</i> , 2020, 5, 61-81.	23.3	440
2350	LINC01140 Alleviates the Oxidized Low-Density Lipoprotein-Induced Inflammatory Response in Macrophages via Suppressing miR-23b. <i>Inflammation</i> , 2020, 43, 66-73.	1.7	12
2351	Extracellular vesicles participate in macrophage-involved immune responses under liver diseases. <i>Life Sciences</i> , 2020, 240, 117094.	2.0	18
2352	Characteristics of circulating monocytes at baseline and after activation in patients with intracranial aneurysm. <i>Human Immunology</i> , 2020, 81, 41-47.	1.2	6
2353	The molecular interplay between progenitors and immune cells in tissue regeneration and homeostasis. <i>Journal of Immunology and Regenerative Medicine</i> , 2020, 7, 100024.	0.2	5
2354	Targeting Tumor Microenvironment by Small-Molecule Inhibitors. <i>Translational Oncology</i> , 2020, 13, 57-69.	1.7	82
2355	Profiling the human hair follicle immune system in lichen planopilaris and frontal fibrosing alopecia: can macrophage polarization differentiate these two conditions microscopically?. <i>British Journal of Dermatology</i> , 2020, 183, 537-547.	1.4	22
2356	Biological approaches for hypertrophic scars. <i>International Wound Journal</i> , 2020, 17, 405-418.	1.3	26
2357	Tumor Microenvironment: A Metabolic Player that Shapes the Immune Response. <i>International Journal of Molecular Sciences</i> , 2020, 21, 157.	1.8	136
2358	Breast cancer-associated macrophages promote tumorigenesis by suppressing succinate dehydrogenase in tumor cells. <i>Science Signaling</i> , 2020, 13, .	1.6	34
2359	Endotoxin Tolerance in Abdominal Aortic Aneurysm Macrophages, In Vitro: A Case-Control Study. <i>Antioxidants</i> , 2020, 9, 896.	2.2	5
2360	Impact of Intercurrent Introduction of Steroids on Clinical Outcomes in Advanced Non-Small-Cell Lung Cancer (NSCLC) Patients under Immune-Checkpoint Inhibitors (ICI). <i>Cancers</i> , 2020, 12, 2827.	1.7	35
2361	HOX genes and the NF- κ B pathway: A convergence of developmental biology, inflammation and cancer biology. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020, 1874, 188450.	3.3	32
2362	Reactive Oxygen Species and Inflammatory Responses of Macrophages to Substrates with Physiological Stiffness. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 48432-48441.	4.0	17

#	ARTICLE	IF	CITATIONS
2363	Elevated expression of FREM1 in breast cancer indicates favorable prognosis and high-level immune infiltration status. <i>Cancer Medicine</i> , 2020, 9, 9554-9570.	1.3	20
2364	Prognostic significance of tumor-associated macrophages: past, present and future. <i>Seminars in Immunology</i> , 2020, 48, 101408.	2.7	40
2365	A transient increase in MHC-IIlow monocytes after experimental infection with <i>Avibacterium paragallinarum</i> (serovar B-1) in SPF chickens. <i>Veterinary Research</i> , 2020, 51, 123.	1.1	2
2366	TNF Production and Release from Microglia via Extracellular Vesicles: Impact on Brain Functions. <i>Cells</i> , 2020, 9, 2145.	1.8	63
2367	RvE1 Attenuates Polymicrobial Sepsis-Induced Cardiac Dysfunction and Enhances Bacterial Clearance. <i>Frontiers in Immunology</i> , 2020, 11, 2080.	2.2	23
2368	Therapeutic potential of ALKB homologs for cardiovascular disease. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110645.	2.5	13
2369	The role of macrophages in pulmonary hypertension: Pathogenesis and targeting. <i>International Immunopharmacology</i> , 2020, 88, 106934.	1.7	16
2370	Prognostic significance of tumor-associated macrophages in patients with nasopharyngeal carcinoma. <i>Medicine (United States)</i> , 2020, 99, e21999.	0.4	13
2371	Prognostic value and immunological role of PDCD1 gene in pan-cancer. <i>International Immunopharmacology</i> , 2020, 89, 107080.	1.7	52
2372	Tissue-Specific Role of Macrophages in Noninfectious Inflammatory Disorders. <i>Biomedicines</i> , 2020, 8, 400.	1.4	20
2373	Inflammation and immunity gene expression profiling of macrophages on mineralized collagen. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 1328-1336.	2.1	5
2374	Toll-Like Receptor 2-Tpl2-Dependent ERK Signaling Drives Inverse Interleukin 12 Regulation in Dendritic Cells and Macrophages. <i>Infection and Immunity</i> , 2020, 89, .	1.0	7
2375	Neuroinflammatory responses of microglia in central nervous system trauma. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, S25-S33.	2.4	39
2376	DNA methylation alterations and their potential influence on macrophage in periodontitis. <i>Oral Diseases</i> , 2022, 28, 249-263.	1.5	8
2377	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
2378	Immune characterization of pre-clinical murine models of neuroblastoma. <i>Scientific Reports</i> , 2020, 10, 16695.	1.6	20
2379	CX3CR1 Deficiency Attenuates DNFB-Induced Contact Hypersensitivity through Skewed Polarization towards M2 Phenotype in Macrophages. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7401.	1.8	6
2380	MicroRNAs: As Critical Regulators of Tumor-Associated Macrophages. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7117.	1.8	18

#	ARTICLE	IF	CITATIONS
2381	Innate Immunity Effector Cells as Inflammatory Drivers of Cardiac Fibrosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7165.	1.8	33
2382	Intestinal Macrophages at the Crossroad between Diet, Inflammation, and Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4825.	1.8	24
2383	Endogenous cell recruitment strategy for articular cartilage regeneration. <i>Acta Biomaterialia</i> , 2020, 114, 31-52.	4.1	64
2384	Annexin A5 regulates hepatic macrophage polarization via directly targeting PKM2 and ameliorates NASH. <i>Redox Biology</i> , 2020, 36, 101634.	3.9	68
2385	Macrophage Exosomes Resolve Atherosclerosis by Regulating Hematopoiesis and Inflammation via MicroRNA Cargo. <i>Cell Reports</i> , 2020, 32, 107881.	2.9	130
2386	CPEB3 inhibits epithelial-mesenchymal transition by disrupting the crosstalk between colorectal cancer cells and tumor-associated macrophages via IL-6R/STAT3 signaling. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 132.	3.5	61
2387	Experimental Control of Macrophage Pro-Inflammatory Dynamics Using Predictive Models. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 666.	2.0	4
2388	Macrophage polarization and its role in the pathogenesis of acute lung injury/acute respiratory distress syndrome. <i>Inflammation Research</i> , 2020, 69, 883-895.	1.6	171
2389	Thermoneutrality-Induced Macrophage Accumulation in Brown Adipose Tissue Does Not Impair the Tissue's Competence for Cold-Induced Thermogenic Recruitment. <i>Frontiers in Endocrinology</i> , 2020, 11, 568682.	1.5	10
2390	Tumor-Derived Extracellular Vesicles and the Immune System—Lessons From Immune-Competent Mouse-Tumor Models. <i>Frontiers in Immunology</i> , 2020, 11, 606859.	2.2	13
2391	An Emerging Target in the Battle against Osteoarthritis: Macrophage Polarization. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8513.	1.8	58
2392	The Role of Host-Generated H2S in Microbial Pathogenesis: New Perspectives on Tuberculosis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 586923.	1.8	15
2393	Alpha 1 Antitrypsin-Deficient Macrophages Have Impaired Efferocytosis of Apoptotic Neutrophils. <i>Frontiers in Immunology</i> , 2020, 11, 574410.	2.2	11
2394	Vitamin D3 as Potential Treatment Adjuncts for COVID-19. <i>Nutrients</i> , 2020, 12, 3512.	1.7	39
2395	AhR activation attenuates calcium oxalate nephrocalcinosis by diminishing M1 macrophage polarization and promoting M2 macrophage polarization. <i>Theranostics</i> , 2020, 10, 12011-12025.	4.6	48
2396	Fine particulate matter exposure promotes M2 macrophage polarization through inhibiting histone deacetylase 2 in the pathogenesis of chronic obstructive pulmonary disease. <i>Annals of Translational Medicine</i> , 2020, 8, 1303-1303.	0.7	18
2397	Macrophage modulation of dental pulp stem cell activity during tertiary dentinogenesis. <i>Scientific Reports</i> , 2020, 10, 20216.	1.6	31
2398	Macrophage Polarization in Chronic Lymphocytic Leukemia: Nurse-Like Cells Are the Caretakers of Leukemic Cells. <i>Biomedicines</i> , 2020, 8, 516.	1.4	10

#	ARTICLE	IF	CITATIONS
2399	Candesartan modulates microglia activation and polarization via NF- κ B signaling pathway. <i>International Journal of Immunopathology and Pharmacology</i> , 2020, 34, 205873842097490.	1.0	23
2400	Regulation of PD-L1 Expression by NF- κ B in Cancer. <i>Frontiers in Immunology</i> , 2020, 11, 584626.	2.2	179
2401	Intestinal Anti-Inflammatory Activity of Terpenes in Experimental Models (2010–2020): A Review. <i>Molecules</i> , 2020, 25, 5430.	1.7	23
2402	Neuroinflammation in neurodegenerative disorders: the roles of microglia and astrocytes. <i>Translational Neurodegeneration</i> , 2020, 9, 42.	3.6	883
2403	Acetaminophen-Induced Rat Hepatotoxicity Based on M1/M2-Macrophage Polarization, in Possible Relation to Damage-Associated Molecular Patterns and Autophagy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8998.	1.8	20
2404	Host antibacterial defense of 10^6 Gy γ -irradiated mice subjected to lentiviral vector-based Gas5 gene therapy. <i>Gene Therapy</i> , 2020, , .	2.3	0
2405	Pluripotent stem cell-derived CAR-macrophage cells with antigen-dependent anti-cancer cell functions. <i>Journal of Hematology and Oncology</i> , 2020, 13, 153.	6.9	172
2406	Therapeutic Potential of Triptolide as an Anti-Inflammatory Agent in Dextran Sulfate Sodium-Induced Murine Experimental Colitis. <i>Frontiers in Immunology</i> , 2020, 11, 592084.	2.2	33
2407	Cancer Extracellular Matrix Proteins Regulate Tumour Immunity. <i>Cancers</i> , 2020, 12, 3331.	1.7	60
2408	Macrophages produce and functionally respond to interleukin-34 in colon cancer. <i>Cell Death Discovery</i> , 2020, 6, 117.	2.0	13
2409	Frailty in Rheumatic Diseases. <i>Frontiers in Immunology</i> , 2020, 11, 576134.	2.2	40
2410	The pivotal roles of neddylation pathway in immunoregulation. <i>Immunity, Inflammation and Disease</i> , 2020, 8, 782-792.	1.3	11
2411	MCTR1 enhances the resolution of lipopolysaccharide-induced lung injury through STAT6-mediated resident M2 alveolar macrophage polarization in mice. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 9646-9657.	1.6	27
2412	Androgen and Androgen Receptors as Regulators of Monocyte and Macrophage Biology in the Healthy and Diseased Lung. <i>Frontiers in Immunology</i> , 2020, 11, 1698.	2.2	39
2413	Microglia mediated neuroinflammation in autism spectrum disorder. <i>Journal of Psychiatric Research</i> , 2020, 130, 167-176.	1.5	34
2414	Inverse correlation between Interleukin-34 and gastric cancer, a potential biomarker for prognosis. <i>Cell and Bioscience</i> , 2020, 10, 94.	2.1	13
2415	<i>Lactobacillus rhamnosus</i> GG promotes M1 polarization in murine bone marrow-derived macrophages by activating TLR2/MyD88/MAPK signaling pathway. <i>Animal Science Journal</i> , 2020, 91, e13439.	0.6	16
2416	The Effects of Titanium Surfaces Modified with an Antimicrobial Peptide GL13K by Silanization on Polarization, Anti-Inflammatory, and Proinflammatory Properties of Macrophages. <i>BioMed Research International</i> , 2020, 2020, 1-9.	0.9	6

#	ARTICLE	IF	CITATIONS
2417	Immune checkpoint inhibitor induces cardiac injury through polarizing macrophages via modulating microRNA-34a/Kruppel-like factor 4 signaling. <i>Cell Death and Disease</i> , 2020, 11, 575.	2.7	41
2418	Chronic Pain in HIV. <i>Molecular Pain</i> , 2020, 16, 174480692092727.	1.0	30
2419	Tumor-Associated Macrophages in Osteosarcoma: From Mechanisms to Therapy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5207.	1.8	119
2420	Immunometabolic Status of COVID-19 Cancer Patients. <i>Physiological Reviews</i> , 2020, 100, 1839-1850.	13.1	20
2421	Knockdown of Leptin Receptor Affects Macrophage Phenotype in the Tumor Microenvironment Inhibiting Breast Cancer Growth and Progression. <i>Cancers</i> , 2020, 12, 2078.	1.7	19
2422	MEK5/ERK5 signaling mediates IL-4-induced M2 macrophage differentiation through regulation of c-Myc expression. <i>Journal of Leukocyte Biology</i> , 2020, 108, 1215-1223.	1.5	23
2423	Coagulation signaling and cancer immunotherapy. <i>Thrombosis Research</i> , 2020, 191, S106-S111.	0.8	14
2424	(EX-4)2-Fc, an effective long-acting GLP-1 receptor agonist, reduces obesity-related inflammation by inhibiting leptin expression. <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 562-568.	1.0	4
2425	Regulating the Polarization of Macrophages: A Promising Approach to Vascular Dermatitis. <i>Journal of Immunology Research</i> , 2020, 2020, 1-13.	0.9	21
2426	Redefining Tumor-Associated Macrophage Subpopulations and Functions in the Tumor Microenvironment. <i>Frontiers in Immunology</i> , 2020, 11, 1731.	2.2	328
2427	Targeting of CD163+ Macrophages in Inflammatory and Malignant Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5497.	1.8	104
2428	Glycolysis links reciprocal activation of myeloid cells and endothelial cells in the retinal angiogenic niche. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	59
2429	Pathogenesis of COVID-19-induced ARDS: implications for an ageing population. <i>European Respiratory Journal</i> , 2020, 56, 2002049.	3.1	168
2430	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
2431	Bacterial polyphosphates interfere with the innate host defense to infection. <i>Nature Communications</i> , 2020, 11, 4035.	5.8	65
2432	Long non-coding RNA FENDRR regulates IFN γ -induced M1 phenotype in macrophages. <i>Scientific Reports</i> , 2020, 10, 13672.	1.6	20
2433	In vitro immunomodulation of magnesium on monocytic cell toward anti-inflammatory macrophages. <i>International Journal of Energy Production and Management</i> , 2020, 7, 391-401.	1.9	45
2434	Collaborative assembly-mediated siRNA delivery for relieving inflammation-induced insulin resistance. <i>Nano Research</i> , 2020, 13, 2958-2966.	5.8	8

#	ARTICLE	IF	CITATIONS
2435	CD204-positive monocytes and macrophages ameliorate septic shock by suppressing proinflammatory cytokine production in mice. <i>Biochemistry and Biophysics Reports</i> , 2020, 23, 100791.	0.7	6
2436	Targeting Macrophages as a Therapeutic Option in Coronavirus Disease 2019. <i>Frontiers in Pharmacology</i> , 2020, 11, 577571.	1.6	40
2437	Bacterial Lipopolysaccharides Suppress Erythroblastic Islands and Erythropoiesis in the Bone Marrow in an Extrinsic and G-CSF-, IL-1-, and TNF-Independent Manner. <i>Frontiers in Immunology</i> , 2020, 11, 583550.	2.2	13
2438	Stearoyl-CoA desaturase-1 impairs the reparative properties of macrophages and microglia in the brain. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	72
2439	Spermidine endows macrophages anti-inflammatory properties by inducing mitochondrial superoxide-dependent AMPK activation, Hif-1 α upregulation and autophagy. <i>Free Radical Biology and Medicine</i> , 2020, 161, 339-350.	1.3	63
2440	Induction of Innate Immune Memory by Engineered Nanoparticles in Monocytes/Macrophages: From Hypothesis to Reality. <i>Frontiers in Immunology</i> , 2020, 11, 566309.	2.2	18
2441	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
2442	Distinct subsets of T cells and macrophages impact venous remodeling during arteriovenous fistula maturation. <i>JVS Vascular Science</i> , 2020, 1, 207-218.	0.4	17
2443	Gamma-delta T cells stimulate IL-6 production by pancreatic stellate cells in pancreatic ductal adenocarcinoma. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 3233-3240.	1.2	13
2444	Cell Therapies under Clinical Trials and Polarized Cell Therapies in Pre-Clinical Studies to Treat Ischemic Stroke and Neurological Diseases: A Literature Review. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6194.	1.8	21
2445	The Development of Hyaluronan/Fucoidan-Based Nanoparticles as Macrophages Targeting an Epigallocatechin-3-Gallate Delivery System. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6327.	1.8	7
2446	Maqui, Calafate, and Blueberry fruits extracts treatments suppress the pathogenic interaction amongst human adipocytes and macrophages. <i>Journal of Berry Research</i> , 2020, 10, 531-545.	0.7	5
2447	Macrophages in the pancreas: Villains by circumstances, not necessarily by actions. <i>Immunity, Inflammation and Disease</i> , 2020, 8, 807-824.	1.3	15
2448	Metabolic reprogramming of tumor-associated macrophages. <i>Annals of Translational Medicine</i> , 2020, 8, 1030-1030.	0.7	55
2449	Interleukin-4-loaded hydrogel scaffold regulates macrophages polarization to promote bone mesenchymal stem cells osteogenic differentiation via TGF β 1/Smad pathway for repair of bone defect. <i>Cell Proliferation</i> , 2020, 53, e12907.	2.4	38
2450	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
2451	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
2452	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

#	ARTICLE	IF	CITATIONS
2453	Mesenchymal stem cellâ€‘secreted extracellular vesicles carrying TGFâ€‘ β 1 upâ€‘regulate miRâ€‘132 and promote mouse M2 macrophage polarization. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 12750-12764.	1.6	29
2454	Plasmodium infection inhibits tumor angiogenesis through effects on tumor-associated macrophages in a murine implanted hepatoma model. <i>Cell Communication and Signaling</i> , 2020, 18, 157.	2.7	16
2455	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
2456	Autologous Mandril-Based Vascular Grafts. , 2020, , 271-293.		0
2457	MicroRNAs: At the Interface of Metabolic Pathways and Inflammatory Responses by Macrophages. <i>Frontiers in Immunology</i> , 2020, 11, 1797.	2.2	22
2458	Kupffer Cells. <i>American Journal of Pathology</i> , 2020, 190, 2185-2193.	1.9	80
2459	Tie2-mediated vascular remodeling by ferritin-based protein C nanoparticles confers antitumor and anti-metastatic activities. <i>Journal of Hematology and Oncology</i> , 2020, 13, 123.	6.9	13
2460	Glutaredoxin 1 regulates macrophage polarization through mediating glutathionylation of <sc>STAT1</sc>. <i>Thoracic Cancer</i> , 2020, 11, 2966-2974.	0.8	7
2461	Study on metastasis inhibition of Kejinyan decoction on lung cancer by affecting tumor microenvironment. <i>Cancer Cell International</i> , 2020, 20, 451.	1.8	7
2462	Differential Impact of Calcitriol and Its Analogs on Tumor Stroma in Young and Aged Ovariectomized Mice Bearing 4T1 Mammary Gland Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6359.	1.8	9
2463	Cathepsin Inhibition Modulates Metabolism and Polarization of Tumor-Associated Macrophages. <i>Cancers</i> , 2020, 12, 2579.	1.7	28
2464	Combating Implant Infections: Shifting Focus from Bacteria to Host. <i>Advanced Materials</i> , 2020, 32, e2002962.	11.1	119
2465	Specific TP53 subtype as biomarker for immune checkpoint inhibitors in lung adenocarcinoma. <i>EBioMedicine</i> , 2020, 60, 102990.	2.7	95
2466	Clinical Use of Schistosoma mansoni Antigens as Novel Immunotherapies for Autoimmune Disorders. <i>Frontiers in Immunology</i> , 2020, 11, 1821.	2.2	15
2467	EB virus-induced ATR activation accelerates nasopharyngeal carcinoma growth via M2-type macrophages polarization. <i>Cell Death and Disease</i> , 2020, 11, 742.	2.7	19
2468	Gut microbiota regulates neuropathic pain: potential mechanisms and therapeutic strategy. <i>Journal of Headache and Pain</i> , 2020, 21, 103.	2.5	56
2469	Trajectory analysis quantifies transcriptional plasticity during macrophage polarization. <i>Scientific Reports</i> , 2020, 10, 12273.	1.6	51
2470	Intra-Articular Injection of Stromal Cell-Derived Factor 1 \pm Promotes Meniscal Healing via Macrophage and Mesenchymal Stem Cell Accumulation in a Rat Meniscal Defect Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5454.	1.8	15

#	ARTICLE	IF	CITATIONS
2471	Lipid Metabolism and Cancer Immunotherapy: Immunosuppressive Myeloid Cells at the Crossroad. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5845.	1.8	51
2472	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
2473	Systematic Review of Multi-Omics Approaches to Investigate Toxicological Effects in Macrophages. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9371.	1.8	14
2474	Pathology of IgG4-related sclerosing mastitis. <i>Journal of Clinical Pathology</i> , 2021, 74, 475-482.	1.0	7
2475	Specifically Eliminating Tumor-Associated Macrophages with an Extra- and Intracellular Stepwise-Responsive Nanocarrier for Inhibiting Metastasis. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 57798-57809.	4.0	18
2476	LC3B in Malignant Cells Correlates With Immune Infiltrate in Hypopharyngeal Squamous Cell Carcinoma. <i>Technology in Cancer Research and Treatment</i> , 2020, 19, 153303382097066.	0.8	1
2478	Macrophages in Organ Transplantation. <i>Frontiers in Immunology</i> , 2020, 11, 582939.	2.2	44
2479	Tolerance to Bone Marrow Transplantation: Do Mesenchymal Stromal Cells Still Have a Future for Acute or Chronic GvHD?. <i>Frontiers in Immunology</i> , 2020, 11, 609063.	2.2	17
2480	The Role of Paracrine Regulation of Mesenchymal Stem Cells in the Crosstalk With Macrophages in Musculoskeletal Diseases: A Systematic Review. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 587052.	2.0	10
2481	Gene expression responses to Zika virus infection in peripheral blood mononuclear cells from pregnant and non-pregnant women. <i>MicrobiologyOpen</i> , 2020, 9, e1134.	1.2	5
2482	Incorporating Tumor-Associated Macrophages into Engineered Models of Glioma. <i>IScience</i> , 2020, 23, 101770.	1.9	18
2483	Human recombinant IL-10 reduces xenogenic cytotoxicity via macrophage M2 polarization. <i>Biochemistry and Biophysics Reports</i> , 2020, 24, 100857.	0.7	4
2484	Characterization of mRNA Profiles of Exosomes from Diverse Forms of M2 Macrophages. <i>BioMed Research International</i> , 2020, 2020, 1-13.	0.9	4
2485	Prognostic Value of a Ten-Gene Signature in HNSCC Patients Based on Tumor-Associated Macrophages Expression Profiling. <i>Frontiers in Oncology</i> , 2020, 10, 569002.	1.3	3
2486	Function of TREM1 and TREM2 in Liver-Related Diseases. <i>Cells</i> , 2020, 9, 2626.	1.8	26
2487	Time- and area-dependent macrophage/microglial responses after focal infarction of the macaque internal capsule. <i>Neuroscience Research</i> , 2020, 170, 350-359.	1.0	4
2488	The Degree of Helicobacter pylori Infection Affects the State of Macrophage Polarization through Crosstalk between ROS and HIF-1 α . <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-16.	1.9	23
2489	Altered Macrophage Polarization Induces Experimental Pulmonary Hypertension and Is Observed in Patients With Pulmonary Arterial Hypertension. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 430-445.	1.1	33

#	ARTICLE	IF	CITATIONS
2490	Cellular infiltration in traumatic brain injury. <i>Journal of Neuroinflammation</i> , 2020, 17, 328.	3.1	119
2491	Photobiomodulation enhances the Th1 immune response of human monocytes. <i>Lasers in Medical Science</i> , 2022, 37, 135-148.	1.0	10
2492	Inhibition of notch enhances the anti-atherosclerotic effects of LXR agonists while reducing fatty liver development in ApoE-deficient mice. <i>Toxicology and Applied Pharmacology</i> , 2020, 406, 115211.	1.3	10
2493	High-throughput multiplex assays with mouse macrophages on pillar plate platforms. <i>Experimental Cell Research</i> , 2020, 396, 112243.	1.2	2
2494	<i>Dendrobium nobile</i> Lindl alkaloid attenuates 6-OHDA-induced dopamine neurotoxicity. <i>Biotechnology and Applied Biochemistry</i> , 2020, , .	1.4	5
2495	Heme attenuates beta-endorphin levels in leukocytes of HIV positive individuals with chronic widespread pain. <i>Redox Biology</i> , 2020, 36, 101684.	3.9	7
2496	Transplantation-Induced Ischemia-Reperfusion Injury Modulates Antigen Presentation by Donor Renal CD11c+F4/80+ Macrophages through IL-1R8 Regulation. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 517-531.	3.0	16
2497	Mesenchymal Stromal Cells in Solid Organ Transplantation. <i>Transplantation</i> , 2020, 104, 923-936.	0.5	23
2498	A Pro- and Anti-inflammatory Axis Modulates the Macrophage Circadian Clock. <i>Frontiers in Immunology</i> , 2020, 11, 867.	2.2	29
2499	Immune tolerance at the maternal-placental interface in healthy pregnancy and pre-eclampsia. <i>Journal of Obstetrics and Gynaecology Research</i> , 2020, 46, 1067-1076.	0.6	16
2500	Ninjurin1 deficiency aggravates colitis development by promoting M1 macrophage polarization and inducing microbial imbalance. <i>FASEB Journal</i> , 2020, 34, 8702-8720.	0.2	20
2501	Arsenic trioxide alleviates acute graft-versus-host disease by modulating macrophage polarization. <i>Science China Life Sciences</i> , 2020, 63, 1744-1754.	2.3	14
2502	CCL2/CCR2 signaling in cancer pathogenesis. <i>Cell Communication and Signaling</i> , 2020, 18, 82.	2.7	166
2503	Neosaxitoxin Inhibits the Expression of Inflammation Markers of the M1 Phenotype in Macrophages. <i>Marine Drugs</i> , 2020, 18, 283.	2.2	7
2504	Dysregulated inflammation in diabetic wounds. , 2020, , 81-95.		1
2505	Potent Inhibitory Effect of BJ-3105, a 6-Alkoxy-pyridin-3-ol Derivative, on Murine Colitis Is Mediated by Activating AMPK and Inhibiting NOX. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3145.	1.8	15
2506	Inhibition of Matrix Metalloproteinase with BB-94 Protects against Caerulein-Induced Pancreatitis via Modulating Neutrophil and Macrophage Activation. <i>Gastroenterology Research and Practice</i> , 2020, 2020, 1-10.	0.7	2
2507	Myeloid Cell-Derived Arginase in Cancer Immune Response. <i>Frontiers in Immunology</i> , 2020, 11, 938.	2.2	249

#	ARTICLE	IF	CITATIONS
2508	Glucocorticoid-induced leucine zipper modulates macrophage polarization and apoptotic cell clearance. <i>Pharmacological Research</i> , 2020, 158, 104842.	3.1	22
2509	The hypoxic tumour microenvironment: A safe haven for immunosuppressive cells and a therapeutic barrier to overcome. <i>Cancer Letters</i> , 2020, 487, 34-44.	3.2	32
2510	Platelet-rich plasma promotes recruitment of macrophages in the process of tendon healing. <i>Regenerative Therapy</i> , 2020, 14, 262-270.	1.4	28
2511	Tumour-associated macrophages as a novel target of VEGF ²⁵¹ in cancer therapy. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 7884-7895.	1.6	7
2512	Targeting Mononuclear Phagocyte Receptors in Cancer Immunotherapy: New Perspectives of the Triggering Receptor Expressed on Myeloid Cells (TREM-1). <i>Cancers</i> , 2020, 12, 1337.	1.7	14
2513	Recent Advances: The Imbalance of Immune Cells and Cytokines in the Pathogenesis of Hepatocellular Carcinoma. <i>Diagnostics</i> , 2020, 10, 338.	1.3	14
2514	Circular RNAs in the pathogenesis of atherosclerosis. <i>Life Sciences</i> , 2020, 255, 117837.	2.0	71
2515	Exosomal MicroRNAs as Mediators of Cellular Interactions Between Cancer Cells and Macrophages. <i>Frontiers in Immunology</i> , 2020, 11, 1167.	2.2	38
2516	Curcuma longa L. (turmeric), Rosmarinus officinalis L. (rosemary), and Thymus vulgaris L. (thyme) extracts aid murine macrophages (RAW 264.7) to fight Streptococcus mutans during in vitro infection. <i>Archives of Microbiology</i> , 2020, 202, 2269-2277.	1.0	4
2517	CD11b+ targeted depletion of macrophages negatively affects bone fracture healing. <i>Bone</i> , 2020, 138, 115479.	1.4	24
2518	Exercise benefits on Alzheimer's disease: State-of-the-science. <i>Ageing Research Reviews</i> , 2020, 62, 101108.	5.0	153
2519	Human MuStem Cell Grafting into Infarcted Rat Heart Attenuates Adverse Tissue Remodeling and Preserves Cardiac Function. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 18, 446-463.	1.8	3
2520	Prognostic value of tissue-infiltrating immune cells in tumor microenvironment of follicular lymphoma: A meta-analysis. <i>International Immunopharmacology</i> , 2020, 85, 106684.	1.7	6
2521	A two-step human culture system replicates intestinal monocyte maturation cascade: Conversion of tissue-like inflammatory monocytes into macrophages. <i>European Journal of Immunology</i> , 2020, 50, 1676-1690.	1.6	6
2522	Transcriptional, Epigenetic and Metabolic Programming of Tumor-Associated Macrophages. <i>Cancers</i> , 2020, 12, 1411.	1.7	62
2523	Macrophages Derived From Human Induced Pluripotent Stem Cells Are Low-Activated α -Na ⁺ -Like Cells Capable of Restricting Mycobacteria Growth. <i>Frontiers in Immunology</i> , 2020, 11, 1016.	2.2	21
2524	MicroRNA: Potential biomarker and target of therapy in acute lung injury. <i>Human and Experimental Toxicology</i> , 2020, 39, 1429-1442.	1.1	22
2525	The Thyroid Tumor Microenvironment: Potential Targets for Therapeutic Intervention and Prognostication. <i>Hormones and Cancer</i> , 2020, 11, 205-217.	4.9	18

#	ARTICLE	IF	CITATIONS
2526	Distribution of dendritic cells in the septate uterus: An immunological perspective. <i>American Journal of Reproductive Immunology</i> , 2020, 83, e13241.	1.2	2
2527	Tumor-induced neurogenesis and immune evasion as targets of innovative anti-cancer therapies. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 99.	7.1	126
2528	Radiation-Induced Lung Fibrosis: Preclinical Animal Models and Therapeutic Strategies. <i>Cancers</i> , 2020, 12, 1561.	1.7	56
2529	Targeted Imaging of CD206 Expressing Tumor-Associated M2-like Macrophages Using Mannose-Conjugated Antibiofouling Magnetic Iron Oxide Nanoparticles. <i>ACS Applied Bio Materials</i> , 2020, 3, 4335-4347.	2.3	33
2530	Maltotriose Conjugated Metal-Organic Frameworks for Selective Targeting and Photodynamic Therapy of Triple Negative Breast Cancer Cells and Tumor Associated Macrophages. <i>Advanced Therapeutics</i> , 2020, 3, 2000029.	1.6	15
2531	15-hydroxy-6 <i>±</i> ,12-epoxy-7 <i>±</i> ,10 <i>±</i> ,11 <i>±</i> -H-spiroax-4-ene-12-one sensitizes rectal tumor cells to anti-PD1 treatment through agonism of CD11b. <i>Immunopharmacology and Immunotoxicology</i> , 2020, 42, 358-365.	1.1	3
2532	Autoradiography and immunolabeling suggests that lizard blastema contains arginase-positive M2-like macrophages that may support tail regeneration. <i>Annals of Anatomy</i> , 2020, 231, 151549.	1.0	13
2533	Positive Allosteric Modulation of CD11b as a Novel Therapeutic Strategy Against Lung Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 748.	1.3	20
2534	Bilobalide Alleviated Dextran Sulfate Sodium-Induced Experimental Colitis by Inhibiting M1 Macrophage Polarization Through the NF- κ B Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2020, 11, 718.	1.6	24
2535	Current potential therapeutic strategies targeting the TGF- β 2/Smad signaling pathway to attenuate keloid and hypertrophic scar formation. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110287.	2.5	151
2536	CD163 expression defines specific, IRF8-dependent, immune-modulatory macrophages in the bone marrow. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 1137-1151.	1.5	27
2537	The expanding landscape of inflammatory cells affecting cancer therapy. <i>Nature Biomedical Engineering</i> , 2020, 4, 489-498.	11.6	39
2538	<p>Effect and Molecular Mechanisms of Traditional Chinese Medicine on Tumor Targeting Tumor-Associated Macrophages</p>. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 907-919.	2.0	21
2539	The role of the macrophage in tendinopathy and tendon healing. <i>Journal of Orthopaedic Research</i> , 2020, 38, 1666-1675.	1.2	82
2540	Reference gene selection and validation for mRNA expression analysis by RT-qPCR in murine M1- and M2-polarized macrophage. <i>Molecular Biology Reports</i> , 2020, 47, 2735-2748.	1.0	9
2541	CCR2 deficiency in monocytes impairs angiogenesis and functional recovery after ischemic stroke in mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, S98-S116.	2.4	57
2542	Macrophage mediation in normal and diabetic wound healing responses. <i>Inflammation Research</i> , 2020, 69, 347-363.	1.6	50
2543	Monocyte metabolic reprogramming promotes pro-inflammatory activity and Staphylococcus aureus biofilm clearance. <i>PLoS Pathogens</i> , 2020, 16, e1008354.	2.1	49

#	ARTICLE	IF	CITATIONS
2544	Gemcitabine Recruits M2-Type Tumor-Associated Macrophages into the Stroma of Pancreatic Cancer. <i>Translational Oncology</i> , 2020, 13, 100743.	1.7	34
2545	Lichen planopilaris and frontal fibrosing alopecia: branches from the same tree bear different fruits. <i>British Journal of Dermatology</i> , 2020, 183, 419-420.	1.4	0
2546	Liver, Tumor and Viral Hepatitis: Key Players in the Complex Balance Between Tolerance and Immune Activation. <i>Frontiers in Immunology</i> , 2020, 11, 552.	2.2	14
2547	1,25(OH)2D3 alleviates DSS-induced ulcerative colitis via inhibiting NLRP3 inflammasome activation. <i>Journal of Leukocyte Biology</i> , 2020, 108, 283-295.	1.5	28
2548	Recent Advances in Anti-inflammatory Strategies for Implantable Biosensors and Medical Implants. <i>Biochip Journal</i> , 2020, 14, 48-62.	2.5	21
2549	Akt2 Affects Periodontal Inflammation via Altering the M1/M2 Ratio. <i>Journal of Dental Research</i> , 2020, 99, 577-587.	2.5	34
2550	Genetic engineering of Hoxb8-immortalized hematopoietic progenitors “a potent tool to study macrophage tissue migration. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	8
2551	NLRP3 inflammasome and related cytokines reflect the immune status of patients with HBV-ACLF. <i>Molecular Immunology</i> , 2020, 120, 179-186.	1.0	13
2552	Mechanical load-induced H2S production by periodontal ligament stem cells activates M1 macrophages to promote bone remodeling and tooth movement via STAT1. <i>Stem Cell Research and Therapy</i> , 2020, 11, 112.	2.4	41
2553	A Novel Lactic Acid Bacteria Mixture: Macrophage-Targeted Prophylactic Intervention in Colorectal Cancer Management. <i>Microorganisms</i> , 2020, 8, 387.	1.6	22
2554	The Trinity of Matrix Metalloproteinases, Inflammation, and Cancer: A Literature Review of Recent Updates. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2020, 19, 206-221.	1.1	9
2555	T Cell Dysfunction and Exhaustion in Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 17.	1.8	226
2556	Interleukin 37 Suppresses M1 Macrophage Polarization Through Inhibition of the Notch1 and Nuclear Factor Kappa B Pathways. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 56.	1.8	58
2557	Innate Immunity and Pathogenesis of Biliary Atresia. <i>Frontiers in Immunology</i> , 2020, 11, 329.	2.2	51
2558	Association of Steroids Use with Survival in Patients Treated with Immune Checkpoint Inhibitors: A Systematic Review and Meta-Analysis. <i>Cancers</i> , 2020, 12, 546.	1.7	177
2559	Anti-Inflammatory Activity of Glycolipids and a Polyunsaturated Fatty Acid Methyl Ester Isolated from the Marine Dinoflagellate <i>Karenia mikimotoi</i> . <i>Marine Drugs</i> , 2020, 18, 138.	2.2	11
2560	Craniofacial Osteosarcoma“Pilot Study on the Expression of Osteobiologic Characteristics and Hypothesis on Metastasis. <i>Frontiers in Oncology</i> , 2020, 10, 745.	1.3	7
2561	Ubiquitination of interleukin-1 β is associated with increased pro-inflammatory polarization of murine macrophages deficient in the E3 ligase ITCH. <i>Journal of Biological Chemistry</i> , 2020, 295, 11764-11775.	1.6	4

#	ARTICLE	IF	CITATIONS
2562	Metabolic Reprogramming of Mouse Bone Marrow Derived Macrophages Following Erythrophagocytosis. <i>Frontiers in Physiology</i> , 2020, 11, 396.	1.3	12
2563	Effect of Hepatic Macrophage Polarization and Apoptosis on Liver Ischemia and Reperfusion Injury During Liver Transplantation. <i>Frontiers in Immunology</i> , 2020, 11, 1193.	2.2	96
2564	The Role of TRPV4 in Regulating Innate Immune Cell Function in Lung Inflammation. <i>Frontiers in Immunology</i> , 2020, 11, 1211.	2.2	25
2565	M2-Like Tumor-Associated Macrophage-Targeted Codelivery of STAT6 Inhibitor and IKK \hat{I}^2 siRNA Induces M2-to-M1 Repolarization for Cancer Immunotherapy with Low Immune Side Effects. <i>ACS Central Science</i> , 2020, 6, 1208-1222.	5.3	133
2566	Macrophage response to biomaterials. , 2020, , 43-52.		0
2567	Endothelial Dysfunction in Diabetes. <i>Biomedicines</i> , 2020, 8, 182.	1.4	36
2568	Sphingosine Kinases are Involved in Macrophage NLRP3 Inflammasome Transcriptional Induction. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4733.	1.8	13
2569	Macrophages in the Pathogenesis of Leprosy. , 0, , .		3
2570	Conversion of extracellular ATP into adenosine: a master switch in renal health and disease. <i>Nature Reviews Nephrology</i> , 2020, 16, 509-524.	4.1	70
2571	Associations between clinical features and therapy with macrophage subpopulations and T cells in inflammatory lesions in the aorta from patients with Takayasu arteritis. <i>Clinical and Experimental Immunology</i> , 2020, 202, 384-393.	1.1	12
2572	Manipulating the function of tumor-associated macrophages by siRNA-loaded lipid nanoparticles for cancer immunotherapy. <i>Journal of Controlled Release</i> , 2020, 325, 235-248.	4.8	65
2573	Blueberry Counteracts BV-2 Microglia Morphological and Functional Switch after LPS Challenge. <i>Nutrients</i> , 2020, 12, 1830.	1.7	18
2574	Macrophages fine-tune pupil shape during development. <i>Developmental Biology</i> , 2020, 464, 137-144.	0.9	1
2575	Identification of a DNA Aptamer That Binds to Human Monocytes and Macrophages. <i>Bioconjugate Chemistry</i> , 2020, 31, 1899-1907.	1.8	13
2576	Alveolar Macrophage Phenotype and Compartmentalization Drive Different Pulmonary Changes in Mouse Strains Exposed to Cigarette Smoke. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2020, 17, 429-443.	0.7	7
2577	Myeloid deletion of phosphoinositide-dependent kinase-1 enhances NK cell-mediated antitumor immunity by mediating macrophage polarization. <i>Oncolmmunology</i> , 2020, 9, 1774281.	2.1	9
2578	Dioscin elicits anti-tumour immunity by inhibiting macrophage M2 polarization via JNK and STAT3 pathways in lung cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 9217-9230.	1.6	42
2579	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

#	ARTICLE	IF	CITATIONS
2580	Comment on: Kadomoto, S. et al. "Tumor-Associated Macrophages Induce Migration of Renal Cell Carcinoma Cells via Activation of the CCL20-CCR6 Axis" <i>Cancers</i> 2020, 12, 89. <i>Cancers</i> , 2020, 12, 342.	1.7	2
2581	Targeting cancer stem cell pathways for cancer therapy. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 8.	7.1	998
2582	The many shades of macrophages in regulating transplant outcome. <i>Cellular Immunology</i> , 2020, 349, 104064.	1.4	8
2583	Polarization of Macrophages in Epidural Inflammation Induced by Canine Intervertebral Disc Herniation. <i>Frontiers in Veterinary Science</i> , 2020, 7, 32.	0.9	12
2584	Evaluating the Polarization of Tumor-Associated Macrophages Into M1 and M2 Phenotypes in Human Cancer Tissue: Technicalities and Challenges in Routine Clinical Practice. <i>Frontiers in Oncology</i> , 2019, 9, 1512.	1.3	385
2585	Reprogramming Tumor Associated Macrophages toward M1 Phenotypes with Nanomedicine for Anticancer Immunotherapy. <i>Advanced Therapeutics</i> , 2020, 3, 1900181.	1.6	31
2586	Infiltrating Macrophages Induced Stem-cell-like Features Through PI3K/AKT/GSK3 β Signaling to Promote Neurofibroma Growth. <i>Archives of Medical Research</i> , 2020, 51, 124-134.	1.5	2
2587	Plasticity of innate lymphoid cell subsets. <i>Nature Reviews Immunology</i> , 2020, 20, 552-565.	10.6	203
2588	Astroglial TLR9 antagonism promotes chemotaxis and alternative activation of macrophages via modulation of astrocyte-derived signals: implications for spinal cord injury. <i>Journal of Neuroinflammation</i> , 2020, 17, 73.	3.1	20
2589	Increased macrophage activation mediated by caspase recruitment domain 6 knockdown through negatively targeting AMPK. <i>Biochemical and Biophysical Research Communications</i> , 2020, 525, 412-417.	1.0	1
2590	Silica particles disorganize the polarization of pulmonary macrophages in mice. <i>Ecotoxicology and Environmental Safety</i> , 2020, 193, 110364.	2.9	55
2591	Myeloid-specific dopamine D ₂ receptor signalling controls inflammation in acute pancreatitis via inhibiting M1 macrophage. <i>British Journal of Pharmacology</i> , 2020, 177, 2991-3008.	2.7	38
2592	M1 macrophages accelerate renal glomerular endothelial cell senescence through reactive oxygen species accumulation in streptozotocin-induced diabetic mice. <i>International Immunopharmacology</i> , 2020, 81, 106294.	1.7	15
2593	Biology and therapeutic targeting of tumour-associated macrophages. <i>Journal of Pathology</i> , 2020, 250, 573-592.	2.1	56
2594	Nonlinear response to cancer nanotherapy due to macrophage interactions revealed by mathematical modeling and evaluated in a murine model via CRISPR-modulated macrophage polarization. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 731-744.	2.0	24
2595	The Contribution of Chemoattractant GPCRs, Formylpeptide Receptors, to Inflammation and Cancer. <i>Frontiers in Endocrinology</i> , 2020, 11, 17.	1.5	23
2596	Sphingosine-1-Phosphate (S-1P) Promotes Differentiation of Naive Macrophages and Enhances Protective Immunity Against <i>Mycobacterium tuberculosis</i> . <i>Frontiers in Immunology</i> , 2020, 10, 3085.	2.2	12
2597	Trophoblast cell influence on peripheral blood natural killer cell proliferation and phenotype in non-pregnant women and women in early pregnancy. <i>Immunobiology</i> , 2020, 225, 151910.	0.8	7

#	ARTICLE	IF	CITATIONS
2598	Macrophage-Mediated Delivery of Multifunctional Nanotherapeutics for Synergistic Chemo-Photothermal Therapy of Solid Tumors. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 10130-10141.	4.0	50
2599	Exercise enhances skeletal muscle regeneration by promoting senescence in fibro-adipogenic progenitors. <i>Nature Communications</i> , 2020, 11, 889.	5.8	101
2600	Erdheim-Chester disease: An in vivo human model of M1 activation at the crossroad between chronic inflammation and cancer. <i>Journal of Leukocyte Biology</i> , 2020, 108, 591-599.	1.5	9
2601	Transfection of hard-to-transfect primary human macrophages with Bax siRNA to reverse Resveratrol-induced apoptosis. <i>RNA Biology</i> , 2020, 17, 755-764.	1.5	22
2602	PD-1 Deficiency Promotes Macrophage Activation and T-Helper Cell Type 1/T-Helper Cell Type 17 Response in Pneumocystis Pneumonia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 62, 767-782.	1.4	22
2603	M2 differentiation of MonoMac1 cell line induced by CSF and glucocorticoid pathways. <i>Journal of Cellular Physiology</i> , 2020, 235, 7383-7391.	2.0	2
2604	Overcoming immunotherapeutic resistance by targeting the cancer inflammation cycle. <i>Seminars in Cancer Biology</i> , 2020, 65, 38-50.	4.3	34
2605	Salvianolic acid B regulates macrophage polarization in ischemic/reperfused hearts by inhibiting mTORC1-induced glycolysis. <i>European Journal of Pharmacology</i> , 2020, 871, 172916.	1.7	33
2606	Neutrophils, monocytes and other immune components in the equine endometrium: Friends or foes?. <i>Theriogenology</i> , 2020, 150, 150-157.	0.9	14
2607	Gastric Cancer Stem Cells: Current Insights into the Immune Microenvironment and Therapeutic Targets. <i>Biomedicines</i> , 2020, 8, 7.	1.4	34
2608	Glycyrrhizin Protects β -Irradiated Mice from Gut Bacteria-Associated Infectious Complications by Improving miR-222-Associated Gas5 RNA Reduction in Macrophages of the Bacterial Translocation Site. <i>Journal of Immunology</i> , 2020, 204, 1255-1262.	0.4	7
2609	The role of TFEB in tumor cell autophagy: Diagnostic and therapeutic opportunities. <i>Life Sciences</i> , 2020, 244, 117341.	2.0	19
2610	Cycling hypoxia promotes a pro-inflammatory phenotype in macrophages via JNK/p65 signaling pathway. <i>Scientific Reports</i> , 2020, 10, 882.	1.6	41
2611	CT/NIRF dual-modal imaging tracking and therapeutic efficacy of transplanted mesenchymal stem cells labeled with Au nanoparticles in silica-induced pulmonary fibrosis. <i>Journal of Materials Chemistry B</i> , 2020, 8, 1713-1727.	2.9	27
2612	Immunoregulatory properties of mesenchymal stem cells and their application in immunotherapy. , 2020, , 17-43.		0
2613	Caldecrin inhibits lipopolysaccharide-induced pro-inflammatory cytokines and M1 macrophage polarization through the immunoreceptor triggering receptor expressed in myeloid cells-2. <i>Biochemical and Biophysical Research Communications</i> , 2020, 523, 1027-1033.	1.0	7
2614	Harnessing iron-oxide nanoparticles towards the improved bactericidal activity of macrophage against Staphylococcus aureus. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 24, 102158.	1.7	15
2615	Modulating Tumor-Associated Macrophage Polarization by Synthetic and Natural PPAR β Ligands as a Potential Target in Breast Cancer. <i>Cells</i> , 2020, 9, 174.	1.8	43

#	ARTICLE	IF	CITATIONS
2616	Macrophage activation as an archetype of mitochondrial repurposing. <i>Molecular Aspects of Medicine</i> , 2020, 71, 100838.	2.7	18
2617	Niclosamide suppresses macrophage-induced inflammation in endometriosis. <i>Biology of Reproduction</i> , 2020, 102, 1011-1019.	1.2	19
2618	Lactic Acidosis Together with GM-CSF and M-CSF Induces Human Macrophages toward an Inflammatory Protumor Phenotype. <i>Cancer Immunology Research</i> , 2020, 8, 383-395.	1.6	48
2619	M2 macrophages promote vasculogenesis during retinal neovascularization by regulating bone marrow-derived cells via SDF-1/VEGF. <i>Cell and Tissue Research</i> , 2020, 380, 469-486.	1.5	15
2620	Macrophage-based nanotherapeutic strategies in ulcerative colitis. <i>Journal of Controlled Release</i> , 2020, 320, 363-380.	4.8	82
2621	Enhancement of antitumor effect of radiotherapy via combination with Au@SiO ₂ nanoparticles targeted to tumor-associated macrophages. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 84, 349-357.	2.9	6
2622	Macrophages regulate the progression of osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 555-561.	0.6	237
2623	Metabolic Regulators of Vascular Inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, e22-e30.	1.1	5
2624	Macrophage Syk/PI3K Inhibits Antitumor Immunity: SRX3207, a Novel Dual Syk/PI3K Inhibitory Chemotype Relieves Tumor Immunosuppression. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 755-764.	1.9	24
2625	Microglial polarization in posttraumatic epilepsy: Potential mechanism and treatment opportunity. <i>Epilepsia</i> , 2020, 61, 203-215.	2.6	29
2626	HMGB1-associated necroptosis and Kupffer cells M1 polarization underlies remote liver injury induced by intestinal ischemia/reperfusion in rats. <i>FASEB Journal</i> , 2020, 34, 4384-4402.	0.2	63
2627	Immunomodulatory Protective Effects of Rb9 Cyclic-Peptide in a Metastatic Melanoma Setting and the Involvement of Dendritic Cells. <i>Frontiers in Immunology</i> , 2019, 10, 3122.	2.2	7
2628	M2-like polarization of THP-1 monocyte-derived macrophages under chronic iron overload. <i>Annals of Hematology</i> , 2020, 99, 431-441.	0.8	31
2629	Mild magnetic nanoparticle hyperthermia enhances the susceptibility of <i>Staphylococcus aureus</i> biofilm to antibiotics. <i>International Journal of Hyperthermia</i> , 2020, 37, 66-75.	1.1	35
2630	Inhibition of Knee Osteoarthritis Progression in Mice by Administering SRT2014, an Activator of Silent Information Regulator 2 Ortholog 1. <i>Cartilage</i> , 2020, , 194760351990079.	1.4	15
2631	miR-221-3p Drives the Shift of M2-Macrophages to a Pro-Inflammatory Function by Suppressing JAK3/STAT3 Activation. <i>Frontiers in Immunology</i> , 2019, 10, 3087.	2.2	77
2632	N6-methyladenosine demethylase FTO promotes M1 and M2 macrophage activation. <i>Cellular Signalling</i> , 2020, 69, 109553.	1.7	110
2633	Regulation of heterotopic ossification by monocytes in a mouse model of aberrant wound healing. <i>Nature Communications</i> , 2020, 11, 722.	5.8	104

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2634	The Role of Macrophages in Oocyte Donation Pregnancy: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2020, 21, 939.	1.8	5
2635	Cytochrome P450 1A1 enhances Arginase-1 expression, which reduces LPS-induced mouse peritonitis by targeting JAK1/STAT6. <i>Cellular Immunology</i> , 2020, 349, 104047.	1.4	8
2636	Remodeling tumor immune microenvironment via targeted blockade of PI3K-Î³ and CSF-1/CSF-1R pathways in tumor associated macrophages for pancreatic cancer therapy. <i>Journal of Controlled Release</i> , 2020, 321, 23-35.	4.8	123
2637	Impact of Immunometabolism on Cancer Metastasis: A Focus on T Cells and Macrophages. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2020, 10, a037044.	2.9	10
2638	Macrophage Activities in Myocardial Infarction and Heart Failure. <i>Cardiology Research and Practice</i> , 2020, 2020, 1-16.	0.5	36
2639	The Emerging Role of Macrophages in Chronic Cholangiopathies Featuring Biliary Fibrosis: An Attractive Therapeutic Target for Orphan Diseases. <i>Frontiers in Medicine</i> , 2020, 7, 115.	1.2	11
2640	Inhibiting Monocyte Recruitment to Prevent the Pro-Tumoral Activity of Tumor-Associated Macrophages in Chondrosarcoma. <i>Cells</i> , 2020, 9, 1062.	1.8	11
2641	The role of monocytes/macrophages in Leishmania infection: A glance at the human response. <i>Acta Tropica</i> , 2020, 207, 105456.	0.9	21
2642	Macrophage M1/M2 polarization. <i>European Journal of Pharmacology</i> , 2020, 877, 173090.	1.7	883
2643	LncRNA AK085865 depletion ameliorates asthmatic airway inflammation by modulating macrophage polarization. <i>International Immunopharmacology</i> , 2020, 83, 106450.	1.7	27
2644	FCN-A mediates the inflammatory response and the macrophage polarization in <i>Aspergillus fumigatus</i> keratitis of mice by activating the MAPK signaling pathway. <i>International Immunopharmacology</i> , 2020, 83, 106473.	1.7	14
2645	Activation of innate immunity by 14-3-3 Î¼, a new potential alarmin in osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2020, 28, 646-657.	0.6	17
2646	High-fat diet-induced GAIT element-mediated translational silencing of mRNAs encoding inflammatory proteins in macrophage protects against atherosclerosis. <i>FASEB Journal</i> , 2020, 34, 6888-6906.	0.2	3
2647	Modulation of Monocyte-Driven Myositis in Alphavirus Infection Reveals a Role for CXCR1 Macrophages in Tissue Repair. <i>MBio</i> , 2020, 11, .	1.8	16
2648	Compound kushen injection relieves tumor-associated macrophage-mediated immunosuppression through TNFR1 and sensitizes hepatocellular carcinoma to sorafenib. , 2020, 8, e000317.		82
2649	Lactoferrin-containing immunocomplex mediates antitumor effects by resetting tumor-associated macrophages to M1 phenotype. , 2020, 8, e000339.		30
2650	Airway Epithelial Dynamics in Allergy and Related Chronic Inflammatory Airway Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 204.	1.8	21
2651	M2 polarization of tumor-associated macrophages is dependent on integrin Î²3 via peroxisome proliferator-activated receptor Î³ upregulation in breast cancer. <i>Immunology</i> , 2020, 160, 345-356.	2.0	32

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2652	Engineering Immunomodulatory Biomaterials for Regenerating the Infarcted Myocardium. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 292.	2.0	34
2653	The role of tumor-associated macrophages (TAMs) in tumor progression and relevant advance in targeted therapy. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 2156-2170.	5.7	178
2654	The IAP Antagonist SM-164 Eliminates Triple-Negative Breast Cancer Metastasis to Bone and Lung in Mice. <i>Scientific Reports</i> , 2020, 10, 7004.	1.6	27
2655	Healing the Broken Heart; The Immunomodulatory Effects of Stem Cell Therapy. <i>Frontiers in Immunology</i> , 2020, 11, 639.	2.2	29
2656	Inflammatory Responses during Tumour Initiation: From Zebrafish Transgenic Models of Cancer to Evidence from Mouse and Man. <i>Cells</i> , 2020, 9, 1018.	1.8	15
2657	Role of Protein Glycosylation in Host-Pathogen Interaction. <i>Cells</i> , 2020, 9, 1022.	1.8	93
2658	CDC-derived extracellular vesicles reprogram inflammatory macrophages to an arginase 1-dependent proangiogenic phenotype. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H1447-H1460.	1.5	25
2659	Etiopathogenesis of Trismus in Patients With Head and Neck Cancer: An Exploratory Literature Review. <i>Craniofacial Trauma & Reconstruction</i> , 2020, 13, 219-225.	0.6	12
2660	<p>Dihydroartemisinin Prevents Progression and Metastasis of Head and Neck Squamous Cell Carcinoma by Inhibiting Polarization of Macrophages in Tumor Microenvironment<p>. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 3375-3387.	1.0	27
2661	Granulocyte/Macrophage Colony-Stimulating Factor-Derived Macrophages Exhibit Distinctive Early Immune Response to Lymphocytic Choriomeningitis Virus Infection. <i>Viral Immunology</i> , 2020, 33, 477-488.	0.6	6
2662	Signaling of Macrophages that Contours the Tumor Microenvironment for Promoting Cancer Development. <i>Cells</i> , 2020, 9, 919.	1.8	17
2663	The Content of Cytokines IL-6, IL-8, TNF- α , IL-4 and the Level of CD86 and CD163 Expression in Peritoneal Fluid Macrophages Has a Reverse Correlation with the Degree of Severity of External Genital Endometriosis. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , 2020, 14, 52-56.	0.2	2
2664	Macrophage M2 polarization induced by exosomes from adipose-derived stem cells contributes to the exosomal proangiogenic effect on mouse ischemic hindlimb. <i>Stem Cell Research and Therapy</i> , 2020, 11, 162.	2.4	72
2665	Growth differentiation factor 15 facilitates lung fibrosis by activating macrophages and fibroblasts. <i>Experimental Cell Research</i> , 2020, 391, 112010.	1.2	35
2666	CXCL14 Overexpression Attenuates Sepsis-Associated Acute Kidney Injury by Inhibiting Proinflammatory Cytokine Production. <i>Mediators of Inflammation</i> , 2020, 2020, 1-10.	1.4	11
2667	Hypoxia-Driven Immune Escape in the Tumor Microenvironment. <i>Cells</i> , 2020, 9, 992.	1.8	156
2668	Paradoxical Pro-inflammatory Responses by Human Macrophages to an Amoebae Host-Adapted Legionella Effector. <i>Cell Host and Microbe</i> , 2020, 27, 571-584.e7.	5.1	20
2669	Altered chemokine profile in Refractory Mycoplasma pneumoniae pneumonia infected children. <i>Journal of Microbiology, Immunology and Infection</i> , 2021, 54, 673-679.	1.5	23

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2670	Microbiome, bile acids, and obesity: How microbially modified metabolites shape anti-tumor immunity. <i>Immunological Reviews</i> , 2020, 295, 220-239.	2.8	43
2671	Melatonin attenuates choroidal neovascularization by regulating macrophage/microglia polarization via inhibition of RhoA/ROCK signaling pathway. <i>Journal of Pineal Research</i> , 2020, 69, e12660.	3.4	103
2672	Tumor-Derived Prostaglandin E2 Promotes p50 NF- κ B-Dependent Differentiation of Monocytic MDSCs. <i>Cancer Research</i> , 2020, 80, 2874-2888.	0.4	81
2673	Wnt5a-induced M2 polarization of tumor-associated macrophages via IL-10 promotes colorectal cancer progression. <i>Cell Communication and Signaling</i> , 2020, 18, 51.	2.7	93
2674	Galectins, Eosinophiles, and Macrophages May Contribute to <i>Schistosoma japonicum</i> Egg-Induced Immunopathology in a Mouse Model. <i>Frontiers in Immunology</i> , 2020, 11, 146.	2.2	11
2675	Serotonin (5-HT) Shapes the Macrophage Gene Profile through the 5-HT2B-Dependent Activation of the Aryl Hydrocarbon Receptor. <i>Journal of Immunology</i> , 2020, 204, 2808-2817.	0.4	24
2676	TLR-2-mediated metabolic reprogramming participates in polyene phosphatidylcholine-mediated inhibition of M1 macrophage polarization. <i>Immunologic Research</i> , 2020, 68, 28-38.	1.3	18
2677	Autoimmune diseases and immune-checkpoint inhibitors for cancer therapy: review of the literature and personalized risk-based prevention strategy. <i>Annals of Oncology</i> , 2020, 31, 724-744.	0.6	129
2678	Conserved function of zebrafish (<i>Danio rerio</i>) Gdf15 as a sepsis tolerance mediator. <i>Developmental and Comparative Immunology</i> , 2020, 109, 103698.	1.0	14
2679	Alternative activation of human macrophages enhances tissue factor expression and production of extracellular vesicles. <i>Haematologica</i> , 2021, 106, 454-463.	1.7	17
2680	Tissue-Specific Effects of Leptin on Glucose and Lipid Metabolism. <i>Endocrine Reviews</i> , 2021, 42, 1-28.	8.9	78
2681	Antibiotics and steroids, the double enemies of anticancer immunotherapy: a review of the literature. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 1511-1517.	2.0	16
2682	Status of IL-4 and IL-10 driven markers in experimental models of Visceral Leishmaniasis. <i>Parasite Immunology</i> , 2021, 43, e12783.	0.7	12
2683	Sequential changes in histone modifications shape transcriptional responses underlying microglia polarization by glioma. <i>Glia</i> , 2021, 69, 109-123.	2.5	10
2684	Incomplete response to Anti-VEGF therapy in neovascular AMD: Exploring disease mechanisms and therapeutic opportunities. <i>Progress in Retinal and Eye Research</i> , 2021, 82, 100906.	7.3	133
2685	Implications of metabolism-driven myeloid dysfunctions in cancer therapy. <i>Cellular and Molecular Immunology</i> , 2021, 18, 829-841.	4.8	21
2686	Emerging neutrophil plasticity: Terminally differentiated cells no more. <i>Journal of Leukocyte Biology</i> , 2021, 109, 473-475.	1.5	12
2687	Histone methyltransferases G9a mediated lipid-induced M1 macrophage polarization through negatively regulating CD36. <i>Metabolism: Clinical and Experimental</i> , 2021, 114, 154404.	1.5	17

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2688	Characterization of Immature Myofibroblasts of Stellate Cell or Mesenchymal Cell Origin in D-Galactosamine-Induced Liver Injury in Rats. <i>Veterinary Pathology</i> , 2021, 58, 80-90.	0.8	3
2689	Alpha-1 antitrypsin suppresses macrophage activation and promotes islet graft survival after intrahepatic islet transplantation. <i>American Journal of Transplantation</i> , 2021, 21, 1713-1724.	2.6	15
2690	Loganin alleviates macrophage infiltration and activation by inhibiting the MCP-1/CCR2 axis in diabetic nephropathy. <i>Life Sciences</i> , 2021, 272, 118808.	2.0	31
2691	The pivotal role of heme Oxygenase-1 in reversing the pathophysiology and systemic complications of NAFLD. <i>Archives of Biochemistry and Biophysics</i> , 2021, 697, 108679.	1.4	12
2692	Cadherin-11 and cardiac fibrosis: A common target for a common pathology. <i>Cellular Signalling</i> , 2021, 78, 109876.	1.7	13
2693	Susceptibility of immortalized porcine kidney macrophages to porcine reproductive and respiratory syndrome virus-2 infection. <i>Journal of Virological Methods</i> , 2021, 288, 114026.	1.0	3
2694	Alpinetin delays high-fat diet-aggravated lung carcinogenesis. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2021, 128, 410-418.	1.2	5
2695	A Novel Three-Dimensional Skin Disease Model to Assess Macrophage Function in Diabetes. <i>Tissue Engineering - Part C: Methods</i> , 2021, 27, 49-58.	1.1	16
2696	Macrophage-polarizing stimuli differentially modulate the inflammatory profile induced by the secreted phospholipase A2 group IA in human lung macrophages. <i>Cytokine</i> , 2021, 138, 155378.	1.4	13
2697	Burn injury induces elevated inflammatory traffic: the role of NF- κ B. <i>Inflammation Research</i> , 2021, 70, 51-65.	1.6	18
2698	Epigenetic silencing of chemokine CCL2 represses macrophage infiltration to potentiate tumor development in small cell lung cancer. <i>Cancer Letters</i> , 2021, 499, 148-163.	3.2	46
2699	Efferocytosis potentiates the expression of arachidonate 15-lipoxygenase (ALOX15) in alternatively activated human macrophages through LXR activation. <i>Cell Death and Differentiation</i> , 2021, 28, 1301-1316.	5.0	46
2700	Glucose-rich polysaccharide from dried "Shixia" longan activates macrophages through Ca ²⁺ and CR3-mediated MAPKs and PI3K-AKT pathways. <i>International Journal of Biological Macromolecules</i> , 2021, 167, 845-853.	3.6	23
2701	Peptides that immunoactivate the tumor microenvironment. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021, 1875, 188486.	3.3	20
2702	Role of Hyaluronic Acids and Potential as Regenerative Biomaterials in Wound Healing. <i>ACS Applied Bio Materials</i> , 2021, 4, 311-324.	2.3	40
2703	Phosphoproteomics identify arachidonic-acid-regulated signal transduction pathways modulating macrophage functions with implications for ovarian cancer. <i>Theranostics</i> , 2021, 11, 1377-1395.	4.6	22
2704	Tissue-Resident Macrophages in the Control of Infection and Resolution of Inflammation. <i>Shock</i> , 2021, 55, 14-23.	1.0	29
2705	HAMLET a human milk protein-lipid complex induces a pro-inflammatory phenotype of myeloid cells. <i>European Journal of Immunology</i> , 2021, 51, 965-977.	1.6	5

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2706	Identification of securinine as vascular protective agent targeting atherosclerosis in vascular endothelial cells, smooth muscle cells, and apolipoprotein E deficient mice. <i>Phytomedicine</i> , 2021, 81, 153430.	2.3	5
2707	TRPA1 deficiency alleviates inflammation of atopic dermatitis by reducing macrophage infiltration. <i>Life Sciences</i> , 2021, 266, 118906.	2.0	29
2708	Endothelium-specific endothelin-1 expression promotes pro-inflammatory macrophage activation by regulating miR-33/NR4A axis. <i>Experimental Cell Research</i> , 2021, 399, 112443.	1.2	20
2709	Preparation of liposomes containing IFN-gamma and their potentials in cancer immunotherapy: In vitro and in vivo studies in a colon cancer mouse model. <i>Life Sciences</i> , 2021, 264, 118605.	2.0	19
2710	Macrophages in pancreatic cancer: An immunometabolic perspective. <i>Cancer Letters</i> , 2021, 498, 188-200.	3.2	36
2711	Dealing with the Foreign Body Response to Implanted Biomaterials: Strategies and Applications of New Materials. <i>Advanced Functional Materials</i> , 2021, 31, 2007226.	7.8	114
2712	CTRP4 acts as an anti-inflammatory factor in macrophages and protects against endotoxic shock. <i>European Journal of Immunology</i> , 2021, 51, 380-392.	1.6	21
2713	Tumor microenvironment and Oral Squamous Cell Carcinoma: A crosstalk between the inflammatory state and tumor cell migration. <i>Oral Oncology</i> , 2021, 112, 105038.	0.8	31
2714	Interleukin-22 regulating Kupffer cell polarization through STAT3/Erk/Akt crosstalk pathways to extenuate liver fibrosis. <i>Life Sciences</i> , 2021, 264, 118677.	2.0	20
2715	The role of hydrogen sulphide signalling in macrophage activation. <i>Immunology</i> , 2021, 162, 3-10.	2.0	19
2716	Impact of salt and the osmoprotective transcription factor NFATc5 on macrophages during mechanical strain. <i>Immunology and Cell Biology</i> , 2021, 99, 84-96.	1.0	10
2717	Re-polarization of immunosuppressive macrophages to tumor-cytotoxic macrophages by repurposed metabolic drugs. <i>Oncolmmunology</i> , 2021, 10, 1898753.	2.1	28
2718	A Potential Role for SerpinA3N in Acetaminophen-Induced Hepatotoxicity. <i>Molecular Pharmacology</i> , 2021, 99, 277-285.	1.0	4
2719	Cytokines Orchestrating the Natural Killer-Myeloid Cell Crosstalk in the Tumor Microenvironment: Implications for Natural Killer Cell-Based Cancer Immunotherapy. <i>Frontiers in Immunology</i> , 2020, 11, 621225.	2.2	34
2720	Macrophage Polarization and Liver Ischemia-Reperfusion Injury. <i>International Journal of Medical Sciences</i> , 2021, 18, 1104-1113.	1.1	41
2721	N-docosahexaenoyl ethanolamine reduces neuroinflammation and cognitive impairment after mild traumatic brain injury in rats. <i>Scientific Reports</i> , 2021, 11, 756.	1.6	17
2722	Nurse-Like Cells and Chronic Lymphocytic Leukemia B Cells: A Mutualistic Crosstalk inside Tissue Microenvironments. <i>Cells</i> , 2021, 10, 217.	1.8	19
2723	The TiO ₂ -1/4 implant residual is more toxic than the Al ₂ O ₃ -n implant residual via blocking LAP and inducing macrophage polarization. <i>Nanoscale</i> , 2021, 13, 8976-8990.	2.8	3

#	ARTICLE	IF	CITATIONS
2724	Application of Natural Neutrophil Products for Stimulation of Monocyte-Derived Macrophages Obtained before and after Osteochondral or Bone Injury. <i>Microorganisms</i> , 2021, 9, 124.	1.6	9
2725	Inorganic material based macrophage regulation for cancer therapy: basic concepts and recent advances. <i>Biomaterials Science</i> , 2021, 9, 4568-4590.	2.6	28
2726	Attenuated macrophage activation mediated by microRNA-183 knockdown through targeting NR4A2. <i>Experimental and Therapeutic Medicine</i> , 2021, 21, 300.	0.8	4
2727	Molecular Mechanisms of Nonalcoholic Fatty Liver Disease (NAFLD)/Nonalcoholic Steatohepatitis (NASH). <i>Advances in Experimental Medicine and Biology</i> , 2021, 1261, 223-229.	0.8	11
2728	MiR-223-3p in Cardiovascular Diseases: A Biomarker and Potential Therapeutic Target. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 610561.	1.1	26
2729	COVID-19 and Malignancy: Exploration of the possible genetic and epigenetic interlinks and overview of the vaccination scenario. <i>Cancer Treatment and Research Communications</i> , 2021, 28, 100425.	0.7	1
2730	Immunosuppressive Amino-Acid Catabolizing Enzymes in Multiple Sclerosis. <i>Frontiers in Immunology</i> , 2020, 11, 600428.	2.2	25
2731	Exosome-mediated communication between tumor cells and tumor-associated macrophages: implications for tumor microenvironment. <i>Oncolmmunology</i> , 2021, 10, 1887552.	2.1	49
2732	Macrophage-Engineered Vesicles for Therapeutic Delivery and Bidirectional Reprogramming of Immune Cell Polarization. <i>ACS Omega</i> , 2021, 6, 3847-3857.	1.6	21
2733	5-HT2B Receptor on Macrophages: What for?. <i>Receptors</i> , 2021, , 99-130.	0.2	3
2734	High-Expressed Macrophage Scavenger Receptor 1 Predicts Severity Clinical Outcome in Transplant Patient in Idiopathic Pulmonary Fibrosis Disease. <i>Journal of Immunology Research</i> , 2021, 2021, 1-11.	0.9	3
2735	Immunological Aspects of Age-Related Macular Degeneration. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1256, 143-189.	0.8	8
2736	Donor-Derived Myeloid Heme Oxygenase-1 Controls the Development of Graft-Versus-Host Disease. <i>Frontiers in Immunology</i> , 2020, 11, 579151.	2.2	1
2737	Magnetic triggers in biomedical applications – prospects for contact free cell sensing and guidance. <i>Journal of Materials Chemistry B</i> , 2021, 9, 1259-1271.	2.9	7
2738	Hofbauer cells and placental viral infection. , 2021, , 295-309.		2
2739	MicroRNA-21 Inhibition Suppresses Alveolar M2 Macrophages in an Ovalbumin-Induced Allergic Asthma Mice Model. <i>Allergy, Asthma and Immunology Research</i> , 2021, 13, 312.	1.1	18
2740	The Role of TSC1 in the Macrophages Against <i>Vibrio vulnificus</i> Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 596609.	1.8	2
2741	Copper Sulfide Nanoparticle-Redirected Macrophages for Adoptive Transfer Therapy of Melanoma. <i>Advanced Functional Materials</i> , 2021, 31, 2008022.	7.8	21

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2742	Neovascular Macular Degeneration: A Review of Etiology, Risk Factors, and Recent Advances in Research and Therapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1170.	1.8	40
2743	Prostate Cancer Peripheral Blood NK Cells Show Enhanced CD9, CD49a, CXCR4, CXCL8, MMP-9 Production and Secrete Monocyte-Recruiting and Polarizing Factors. <i>Frontiers in Immunology</i> , 2020, 11, 586126.	2.2	40
2744	Peripheral Mechanisms of Neuropathic Pain—The Role of Neuronal and Non-Neuronal Interactions and Their Implications for Topical Treatment of Neuropathic Pain. <i>Pharmaceuticals</i> , 2021, 14, 77.	1.7	26
2745	Characteristics and Clinical Significance of CD163+/CD206+M2 Mono-macrophage in the Bladder Cancer Microenvironment. <i>Turkish Journal of Biology</i> , 2021, 45, 624-632.	2.1	4
2746	Molecular biology of urothelial carcinoma. <i>Journal of Cancer Research and Practice</i> , 2021, 8, 1.	0.2	1
2747	Fcγ3 receptors—Master regulators of antibody therapy. , 2021, , 195-225.		0
2748	Immune System Efficiency in Cancer and the Microbiota Influence. <i>Pathobiology</i> , 2021, 88, 170-186.	1.9	14
2750	Dental pulp—derived stem cells inhibit osteoclast differentiation by secreting osteoprotegerin and deactivating AKT signalling in myeloid cells. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 2390-2403.	1.6	11
2751	Selenium-dependent metabolic reprogramming during inflammation and resolution. <i>Journal of Biological Chemistry</i> , 2021, 296, 100410.	1.6	12
2752	Macrophage function in the elderly and impact on injury repair and cancer. <i>Immunity and Ageing</i> , 2021, 18, 4.	1.8	39
2753	C16, a novel sinomenine derivatives, promoted macrophage reprogramming toward M2-like phenotype and protected mice from endotoxemia. <i>International Journal of Immunopathology and Pharmacology</i> , 2021, 35, 205873842110267.	1.0	4
2754	Macrophage Plasticity in Reproduction and Environmental Influences on Their Function. <i>Frontiers in Immunology</i> , 2020, 11, 607328.	2.2	31
2755	Network Analysis Reveals a Distinct Axis of Macrophage Activation in Response to Conflicting Inflammatory Cues. <i>Journal of Immunology</i> , 2021, 206, 883-891.	0.4	26
2756	Current Progress in Delineating the Roles of Pseudokinase TRIB1 in Controlling Human Diseases. <i>Journal of Cancer</i> , 2021, 12, 6012-6020.	1.2	4
2757	Selective killing of human M1 macrophages by Smac mimetics alone and M2 macrophages by Smac mimetics and caspase inhibition. <i>Journal of Leukocyte Biology</i> , 2021, 110, 693-710.	1.5	7
2758	The development of mesenchymal stem cell therapy in the present, and the perspective of cell-free therapy in the future. <i>Clinical and Molecular Hepatology</i> , 2021, 27, 70-80.	4.5	67
2759	The Role of Creatine in the Development and Activation of Immune Responses. <i>Nutrients</i> , 2021, 13, 751.	1.7	14
2760	Crosstalk Between <i>Staphylococcus aureus</i> and Innate Immunity: Focus on Immunometabolism. <i>Frontiers in Immunology</i> , 2020, 11, 621750.	2.2	22

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2761	DOCK2 contributes to endotoxemia-induced acute lung injury in mice by activating proinflammatory macrophages. <i>Biochemical Pharmacology</i> , 2021, 184, 114399.	2.0	21
2762	Tailoring Materials for Modulation of Macrophage Fate. <i>Advanced Materials</i> , 2021, 33, e2004172.	11.1	141
2763	Adoptive transfer of immunomodulatory M2 macrophages suppresses experimental autoimmune encephalomyelitis in C57BL/6 mice via blockading NF- κ B pathway. <i>Clinical and Experimental Immunology</i> , 2021, 204, 199-211.	1.1	13
2764	SiglecF(HI) Marks Late-Stage Neutrophils of the Infarcted Heart: A Single-Cell Transcriptomic Analysis of Neutrophil Diversification. <i>Journal of the American Heart Association</i> , 2021, 10, e019019.	1.6	41
2765	Stimulation and Suppression of the Innate Immune System through Nanotechnology. <i>ACS Applied Nano Materials</i> , 2021, 4, 2303-2316.	2.4	5
2766	Macrophage Responses to Environmental Stimuli During Homeostasis and Disease. <i>Endocrine Reviews</i> , 2021, 42, 407-435.	8.9	21
2767	Non-coding RNAs regulation of macrophage polarization in cancer. <i>Molecular Cancer</i> , 2021, 20, 24.	7.9	86
2768	Macrophages in Lung Injury, Repair, and Fibrosis. <i>Cells</i> , 2021, 10, 436.	1.8	150
2769	Heme Oxygenase-1 Deficiency and Oxidative Stress: A Review of 9 Independent Human Cases and Animal Models. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1514.	1.8	49
2770	Peritoneal resident macrophages in mice with MLL-AF9-induced acute myeloid leukemia show an M2-like phenotype. <i>Annals of Translational Medicine</i> , 2021, 9, 266-266.	0.7	7
2771	Macrophages and Extracellular Matrix in Breast Cancer: Partners in Crime or Protective Allies?. <i>Frontiers in Oncology</i> , 2021, 11, 620773.	1.3	46
2772	Metal-Protein Nanoparticles Facilitate Anti-MSV and H1N1 Viruses Through the Coordinative Actions on Innate Immune Responses and METTL14. <i>Macromolecular Bioscience</i> , 2021, 21, e2000382.	2.1	9
2773	Single Cell Reactomics: Real-Time Single-Cell Activation Kinetics of Optically Trapped Macrophages. <i>Small Methods</i> , 2021, 5, e2000849.	4.6	13
2774	Beta-tricalcium phosphate promotes osteogenic differentiation of bone marrow-derived mesenchymal stem cells through macrophages. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 025005.	1.7	16
2775	Innate Immune Cells and Hypertension: Neutrophils and Neutrophil Extracellular Traps (NETs). , 2021, 11, 1575-1589.		23
2776	The characteristics of regulatory macrophages and their roles in transplantation. <i>International Immunopharmacology</i> , 2021, 91, 107322.	1.7	16
2777	Inhibition of Dectin-1 Ameliorates Neuroinflammation by Regulating Microglia/Macrophage Phenotype After Intracerebral Hemorrhage in Mice. <i>Translational Stroke Research</i> , 2021, 12, 1018-1034.	2.3	31
2778	Interleukin-4 Induces the Release of Opioid Peptides from M1 Macrophages in Pathological Pain. <i>Journal of Neuroscience</i> , 2021, 41, 2870-2882.	1.7	16

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2779	The gut-joint axis in spondyloarthritis: immunological, microbial, and clinical insights. <i>Seminars in Immunopathology</i> , 2021, 43, 173-192.	2.8	28
2780	Photodynamic therapy exploiting the anti-tumor activity of mannose-conjugated chlorin e6 reduced M2-like tumor-associated macrophages. <i>Translational Oncology</i> , 2021, 14, 101005.	1.7	26
2781	Complement activation promoted by the lectin pathway mediates C3aR-dependent sarcoma progression and immunosuppression. <i>Nature Cancer</i> , 2021, 2, 218-232.	5.7	34
2782	More than just protein building blocks: how amino acids and related metabolic pathways fuel macrophage polarization. <i>FEBS Journal</i> , 2021, 288, 3694-3714.	2.2	83
2783	Adipose Extracellular Vesicles in Intercellular and Inter-Organ Crosstalk in Metabolic Health and Diseases. <i>Frontiers in Immunology</i> , 2021, 12, 608680.	2.2	53
2784	Quantifying ADC bystander payload penetration with cellular resolution using pharmacodynamic mapping. <i>Neoplasia</i> , 2021, 23, 210-221.	2.3	29
2785	A data-driven computational model enables integrative and mechanistic characterization of dynamic macrophage polarization. <i>IScience</i> , 2021, 24, 102112.	1.9	26
2786	The Emerging Role of Macrophages in Immune System Dysfunction under Real and Simulated Microgravity Conditions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2333.	1.8	15
2787	Vitamin D Association With Macrophage-Derived Cytokines in Polycystic Ovary Syndrome: An Enhanced Risk of COVID-19 Infection?. <i>Frontiers in Endocrinology</i> , 2021, 12, 638621.	1.5	11
2788	Immunomodulatory Effects of Dietary Polyphenols. <i>Nutrients</i> , 2021, 13, 728.	1.7	106
2789	XBP1s repression regulates Kupffer cell polarization leading to immune suppressive effects protecting liver allograft in rats. <i>International Immunopharmacology</i> , 2021, 91, 107294.	1.7	9
2790	Cracking the Breast Cancer Glyco-Code through Glycan-Lectin Interactions: Targeting Immunosuppressive Macrophages. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1972.	1.8	8
2791	Pathogenic Role of iNOs+ M1 Effector Macrophages in Fibromyalgia. , 0, , .		2
2792	Changes in the tumor microenvironment and outcome for TME-targeting therapy in glioblastoma: A pilot study. <i>PLoS ONE</i> , 2021, 16, e0246646.	1.1	15
2793	Beneficial Metabolic Effects of TREM2 in Obesity Are Uncoupled From Its Expression on Macrophages. <i>Diabetes</i> , 2021, 70, 2042-2057.	0.3	26
2794	Exosome-mediated pyroptosis of miR-93a-TXNIP-NLRP3 leads to functional difference between M1 and M2 macrophages in sepsis-induced acute kidney injury. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 4786-4799.	1.6	56
2795	Deciphering the Role of Heme Oxygenase-1 (HO-1) Expressing Macrophages in Renal Ischemia-Reperfusion Injury. <i>Biomedicines</i> , 2021, 9, 306.	1.4	10
2796	CaCO ₃ -Encapsulated Au Nanoparticles Modulate Macrophages toward M1-like Phenotype. <i>ACS Applied Bio Materials</i> , 2021, 4, 3214-3223.	2.3	10

#	ARTICLE	IF	CITATIONS
2797	Computational modeling reveals a key role for polarized myeloid cells in controlling osteoclast activity during bone injury repair. <i>Scientific Reports</i> , 2021, 11, 6055.	1.6	6
2798	M2-like macrophage infiltration and transforming growth factor- β secretion during socket healing process in mice. <i>Archives of Oral Biology</i> , 2021, 123, 105042.	0.8	15
2799	Liraglutide targets the gut microbiota and the intestinal immune system to regulate insulin secretion. <i>Acta Diabetologica</i> , 2021, 58, 881-897.	1.2	18
2800	The Conversion of Human Tissue-Like Inflammatory Monocytes Into Macrophages. <i>Current Protocols</i> , 2021, 1, e74.	1.3	1
2801	The advantages of using <i>Scutellaria baicalensis</i> and its flavonoids for the management of non-viral hepatocellular carcinoma. <i>Journal of Functional Foods</i> , 2021, 78, 104389.	1.6	5
2802	Nanomedicine-Based Therapeutics to Combat Acute Lung Injury. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 2247-2269.	3.3	22
2803	The Immune Tolerance Role of the HMGB1-RAGE Axis. <i>Cells</i> , 2021, 10, 564.	1.8	30
2804	Hypoxia/HIF Modulates Immune Responses. <i>Biomedicines</i> , 2021, 9, 260.	1.4	40
2805	How Macrophages Become Transcriptionally Dysregulated: A Hidden Impact of Antitumor Therapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2662.	1.8	11
2806	Human macrophages stimulate expression of inflammatory mediators in adipocytes; effects of second-generation antipsychotics and glucocorticoids on cellular cross-talk. <i>Psychoneuroendocrinology</i> , 2021, 125, 105071.	1.3	10
2807	The role of macrophage in regulating tumour microenvironment and the strategies for reprogramming tumour-associated macrophages in antitumour therapy. <i>European Journal of Cell Biology</i> , 2021, 100, 151153.	1.6	10
2808	MiR-375 silencing attenuates pro-inflammatory macrophage response and foam cell formation by targeting KLF4. <i>Experimental Cell Research</i> , 2021, 400, 112507.	1.2	11
2809	Cancer-derived Exosomes Activate Immune Surveillance and Suppress Peritoneal Metastasis of Murine Colonic Cancer. <i>Anticancer Research</i> , 2021, 41, 1327-1339.	0.5	3
2810	Immunological impact of chemotherapy on the tumor microenvironment in gastric cancer. <i>Journal of Surgical Oncology</i> , 2021, 123, 1708-1715.	0.8	11
2811	Tumor microenvironment and immune-related therapies of head and neck squamous cell carcinoma. <i>Molecular Therapy - Oncolytics</i> , 2021, 20, 342-351.	2.0	40
2812	Adenylate Kinase 4 Promotes Inflammatory Gene Expression via Hif1 α and AMPK in Macrophages. <i>Frontiers in Immunology</i> , 2021, 12, 630318.	2.2	18
2813	Identification of macrophage activation-related biomarkers in obese type 2 diabetes that may be indicative of enhanced respiratory risk in COVID-19. <i>Scientific Reports</i> , 2021, 11, 6428.	1.6	13
2814	Targeting macrophages in cancer immunotherapy. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 127.	7.1	300

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2815	Gene and Protein Expression Is Altered by Ascorbate Availability in Murine Macrophages Cultured under Tumour-Like Conditions. <i>Antioxidants</i> , 2021, 10, 430.	2.2	1
2816	Engineering Vascularized Organoid-on-a-Chip Models. <i>Annual Review of Biomedical Engineering</i> , 2021, 23, 141-167.	5.7	67
2817	Mechanisms of Peritoneal Fibrosis: Focus on Immune Cellsâ€™Peritoneal Stroma Interactions. <i>Frontiers in Immunology</i> , 2021, 12, 607204.	2.2	47
2818	Retinoic acid abrogates LPS-induced inflammatory response via negative regulation of NF-kappa B/miR-21 signaling. <i>Immunopharmacology and Immunotoxicology</i> , 2021, 43, 299-308.	1.1	11
2819	The receptor of the colony-stimulating factor-1 (CSF-1R) is a novel prognostic factor and therapeutic target in follicular lymphoma. <i>Leukemia</i> , 2021, 35, 2635-2649.	3.3	32
2820	Lgals9 deficiency ameliorates obesity by modulating redox state of PRDX2. <i>Scientific Reports</i> , 2021, 11, 5991.	1.6	4
2821	Neddylation pathway alleviates chronic pancreatitis by reducing HIF1 α -CCL5-dependent macrophage infiltration. <i>Cell Death and Disease</i> , 2021, 12, 273.	2.7	11
2822	Trilineage Sequencing Reveals Complex TCR β Transcriptomes in Neutrophils and Monocytes Alongside T Cells. <i>Genomics, Proteomics and Bioinformatics</i> , 2021, 19, 926-936.	3.0	1
2823	Anti-Inflammatory (M2) Response Is Induced by a sp2-Iminosugar Glycolipid Sulfoxide in Diabetic Retinopathy. <i>Frontiers in Immunology</i> , 2021, 12, 632132.	2.2	13
2824	The Role of Innate and Adaptive Immune Cells in Skeletal Muscle Regeneration. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3265.	1.8	43
2825	Aldose reductase deficiency inhibits LPS-induced M1 response in macrophages by activating autophagy. <i>Cell and Bioscience</i> , 2021, 11, 61.	2.1	6
2826	IL17A Depletion Affects the Metabolism of Macrophages Treated with Gemcitabine. <i>Antioxidants</i> , 2021, 10, 422.	2.2	2
2827	Neutrophilic granulocytes: phagocytes and more. <i>Meditinskii Akademicheskii Zhurnal</i> , 2020, 20, 5-16.	0.2	0
2828	Osthole Attenuates Macrophage Activation in Experimental Asthma by Inhibiting the NF- κ B/MIF Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2021, 12, 572463.	1.6	5
2829	lncRNA Gm16410 Mediates PM2.5-Induced Macrophage Activation via PI3K/AKT Pathway. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 618045.	1.8	2
2830	Differential TLR7-mediated cytokine expression by R848 in M-CSF- versus GM-CSF-derived macrophages after LCMV infection. <i>Journal of General Virology</i> , 2021, 102, .	1.3	4
2831	Hedgehog-induced PD-L1 on tumor-associated macrophages is critical for suppression of tumor-infiltrating CD8+ T cell function. <i>JCI Insight</i> , 2021, 6, .	2.3	47
2832	Role of obesity-induced inflammation in the development of insulin resistance and type 2 diabetes: history of the research and remaining questions. <i>Annals of Pediatric Endocrinology and Metabolism</i> , 2021, 26, 1-13.	0.8	25

#	ARTICLE	IF	CITATIONS
2833	Tissue-Resident and Recruited Macrophages in Primary Tumor and Metastatic Microenvironments: Potential Targets in Cancer Therapy. <i>Cells</i> , 2021, 10, 960.	1.8	33
2834	The Role of Sirtuin-1 in Immune Response and Systemic Lupus Erythematosus. <i>Frontiers in Immunology</i> , 2021, 12, 632383.	2.2	20
2835	Comparative Phenotypic and Functional Analyses of the Effects of IL-10 or TGF- β 2 on Porcine Macrophages. <i>Animals</i> , 2021, 11, 1098.	1.0	19
2836	The Interplay of HIV-1 and Macrophages in Viral Persistence. <i>Frontiers in Microbiology</i> , 2021, 12, 646447.	1.5	44
2837	Aliphatic Polyester-Based Materials for Enhanced Cancer Immunotherapy. <i>Macromolecular Bioscience</i> , 2021, 21, e2100087.	2.1	7
2838	Coordinated interactions between endothelial cells and macrophages in the islet microenvironment promote β 2 cell regeneration. <i>Npj Regenerative Medicine</i> , 2021, 6, 22.	2.5	14
2839	Heme catabolism by tumor-associated macrophages controls metastasis formation. <i>Nature Immunology</i> , 2021, 22, 595-606.	7.0	59
2840	MicroRNA-21-Dependent Macrophage-to-Fibroblast Signaling Determines the Cardiac Response to Pressure Overload. <i>Circulation</i> , 2021, 143, 1513-1525.	1.6	67
2841	A reconfigurable microscale assay enables insights into cancer-associated fibroblast modulation of immune cell recruitment. <i>Integrative Biology (United Kingdom)</i> , 2021, 13, 87-97.	0.6	6
2842	Islet-Resident Dendritic Cells and Macrophages in Type 1 Diabetes: In Search of Bigfoot's Print. <i>Frontiers in Endocrinology</i> , 2021, 12, 666795.	1.5	19
2844	Effect of antibiotic-induced intestinal dysbacteriosis on bronchopulmonary dysplasia and related mechanisms. <i>Journal of Translational Medicine</i> , 2021, 19, 155.	1.8	13
2846	Plasmodium falciparum malaria drives epigenetic reprogramming of human monocytes toward a regulatory phenotype. <i>PLoS Pathogens</i> , 2021, 17, e1009430.	2.1	40
2847	Aerobic Vaginitis Induced by Escherichia coli Infection During Pregnancy Can Result in Adverse Pregnancy Outcomes Through the IL-4/JAK-1/STAT-6 Pathway. <i>Frontiers in Microbiology</i> , 2021, 12, 651426.	1.5	9
2849	OVERWEIGHT IN YOUNG PEOPLE CONTRIBUTES TO THE EXPRESSION OF STAT1 AND STAT6 GENES IN THE PERIPHERAL BLOOD MONOCYTES, STIMULATED BY IL-4. <i>The Medical and Ecological Problems</i> , 2021, 25, 62-71.	0.1	0
2850	The Iron Curtain: Macrophages at the Interface of Systemic and Microenvironmental Iron Metabolism and Immune Response in Cancer. <i>Frontiers in Immunology</i> , 2021, 12, 614294.	2.2	20
2851	A multi-colour confocal microscopy method for identifying and enumerating macrophage subtypes and adherent cells in the stromal vascular fraction of human adipose. <i>Journal of Immunological Methods</i> , 2021, 491, 112988.	0.6	4
2852	The role of macrophages in anti-tumor immune responses: pathological significance and potential as therapeutic targets. <i>Human Cell</i> , 2021, 34, 1031-1039.	1.2	9
2853	Nuts and bolts of the salt-inducible kinases (SIKs). <i>Biochemical Journal</i> , 2021, 478, 1377-1397.	1.7	55

#	ARTICLE	IF	CITATIONS
2854	Macrophages in Transplantation: A Matter of Plasticity, Polarization, and Diversity. <i>Transplantation</i> , 2022, 106, 257-267.	0.5	24
2855	Macrophage Polarization in the Skin Lesion Caused by Neotropical Species of <i>Leishmania</i> sp. <i>Journal of Immunology Research</i> , 2021, 2021, 1-8.	0.9	14
2856	Immune-Mediated Mechanisms in Patients Testing Positive for SARS-CoV-2: Protocol for a Multianalysis Study. <i>JMIR Research Protocols</i> , 2022, 11, e29892.	0.5	1
2857	TREM2 is a receptor for non-glycosylated mycolic acids of mycobacteria that limits anti-mycobacterial macrophage activation. <i>Nature Communications</i> , 2021, 12, 2299.	5.8	32
2858	ALK7 Acts as a Positive Regulator of Macrophage Activation through Down-Regulation of PPAR β Expression. <i>Journal of Atherosclerosis and Thrombosis</i> , 2021, 28, 375-384.	0.9	7
2859	Combining Magnetic Resonance Imaging with Systemic Monocyte Evaluation for the Implementation of GBM Management. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3797.	1.8	6
2860	Targeting innate immunity to protect and cure Alzheimer's disease: opportunities and pitfalls. <i>Molecular Psychiatry</i> , 2021, 26, 5504-5515.	4.1	22
2862	Breast adipose tissue macrophages (BATMs) have a stronger correlation with breast cancer survival than breast tumor stroma macrophages (BTSMs). <i>Breast Cancer Research</i> , 2021, 23, 45.	2.2	7
2863	Ageing-associated inflammation and fibrosis in arachnoid membrane. <i>BMC Neurology</i> , 2021, 21, 169.	0.8	3
2864	M2a macrophage can rescue proliferation and gene expression of benign prostate hyperplasia epithelial and stroma cells from insulin-like growth factor 1 knockdown. <i>Prostate</i> , 2021, 81, 530-542.	1.2	9
2865	Sustained IL-4 priming of macrophages enhances the inflammatory response to TLR7/8 ligand R848. <i>Journal of Leukocyte Biology</i> , 2022, 111, 401-413.	1.5	4
2866	Role of macrophages in cardiorenal syndrome development in patients with myocardial infarction. <i>Russian Journal of Cardiology</i> , 2021, 26, 4309.	0.4	3
2867	The Interplay between the Immune and the Endocannabinoid Systems in Cancer. <i>Cells</i> , 2021, 10, 1282.	1.8	31
2868	Macrophage 3D migration: A potential therapeutic target for inflammation and deleterious progression in diseases. <i>Pharmacological Research</i> , 2021, 167, 105563.	3.1	20
2869	P300/CBP-associated factor (PCAF) attenuated M1 macrophage inflammatory responses possibly through KLF2 and KLF4. <i>Immunology and Cell Biology</i> , 2021, 99, 724-736.	1.0	10
2870	The role of exosomal PD-L1 in tumor immunotherapy. <i>Translational Oncology</i> , 2021, 14, 101047.	1.7	31
2871	Contribution of macrophages to fetomaternal immunological tolerance. <i>Human Immunology</i> , 2021, 82, 325-331.	1.2	20
2872	Cancer-Associated Fibroblasts and Tumor-Associated Macrophages in Cancer and Cancer Immunotherapy. <i>Frontiers in Oncology</i> , 2021, 11, 668731.	1.3	55

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2873	The ACE2-Ang-(1â€7)-Mas Axis Modulates M1/M2 Macrophage Polarization to Relieve CLP-Induced Inflammation via TLR4-Mediated NF-Ïb and MAPK Pathways. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 2045-2060.	1.6	36
2875	Prostaglandin E ₃ attenuates macrophage-associated inflammation and prostate tumour growth by modulating polarization. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 5586-5601.	1.6	13
2876	Mechanically activated ion channel Piezo1 modulates macrophage polarization and stiffness sensing. <i>Nature Communications</i> , 2021, 12, 3256.	5.8	176
2877	Toll-Like Receptor-Based Strategies for Cancer Immunotherapy. <i>Journal of Immunology Research</i> , 2021, 2021, 1-14.	0.9	47
2878	Interleukin 4 promotes phagocytosis of murine leukemia cells counteracted by CD47 upregulation. <i>Haematologica</i> , 2022, 107, 816-824.	1.7	7
2879	Pathological Role of Pin1 in the Development of DSS-Induced Colitis. <i>Cells</i> , 2021, 10, 1230.	1.8	5
2880	FATP4 inactivation in cultured macrophages attenuates M1- and ER stress-induced cytokine release via a metabolic shift towards triacylglycerides. <i>Biochemical Journal</i> , 2021, 478, 1861-1877.	1.7	5
2881	A sweet spot for macrophages: Focusing on polarization. <i>Pharmacological Research</i> , 2021, 167, 105576.	3.1	30
2882	Nano-delivery systems focused on tumor microenvironment regulation and biomimetic strategies for treatment of breast cancer metastasis. <i>Journal of Controlled Release</i> , 2021, 333, 374-390.	4.8	40
2883	The Participation of Microglia in Neurogenesis: A Review. <i>Brain Sciences</i> , 2021, 11, 658.	1.1	29
2884	<i>Mycobacterium tuberculosis</i> effector PPE36 attenuates host cytokine storm damage via inhibiting macrophage M1 polarization. <i>Journal of Cellular Physiology</i> , 2021, 236, 7405-7420.	2.0	5
2885	M1 and M2 tumour-associated macrophages subsets in canine malignant mammary tumours: An immunohistochemical study. <i>Research in Veterinary Science</i> , 2021, 136, 32-38.	0.9	13
2886	Macrophage Plasticity and Atherosclerosis Therapy. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 679797.	1.6	85
2887	Human Cytomegalovirus Host Interactions: EGFR and Host Cell Signaling Is a Point of Convergence Between Viral Infection and Functional Changes in Infected Cells. <i>Frontiers in Microbiology</i> , 2021, 12, 660901.	1.5	6
2888	Edaravone Plays Protective Effects on LPS-Induced Microglia by Switching M1/M2 Phenotypes and Regulating NLRP3 Inflammasome Activation. <i>Frontiers in Pharmacology</i> , 2021, 12, 691773.	1.6	13
2889	Control of Macrophage Inflammation by P2Y Purinergic Receptors. <i>Cells</i> , 2021, 10, 1098.	1.8	30
2890	Analysis of deficiency of adenosine deaminase 2 pathogenesis based on single-cell RNA sequencing of monocytes. <i>Journal of Leukocyte Biology</i> , 2021, 110, 409-424.	1.5	26
2891	Macrophage miR-210 induction and metabolic reprogramming in response to pathogen interaction boost life-threatening inflammation. <i>Science Advances</i> , 2021, 7, .	4.7	26

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2892	Lipocalin 2 regulates iron homeostasis, neuroinflammation, and insulin resistance in the brains of patients with dementia: Evidence from the current literature. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 883-894.	1.9	30
2893	LILRB4 suppresses immunity in solid tumors and is a potential target for immunotherapy. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	53
2894	Circadian rhythm-associated Rev-erb β modulates polarization of decidual macrophage via the PI3K/Akt signaling pathway. <i>American Journal of Reproductive Immunology</i> , 2021, 86, e13436.	1.2	13
2895	BMI1 regulates multiple myeloma-associated macrophage β 's pro-myeloma functions. <i>Cell Death and Disease</i> , 2021, 12, 495.	2.7	16
2896	Immune System-Related Changes in Preclinical GL261 Glioblastoma under TMZ Treatment: Explaining MRSI-Based Nosological Imaging Findings with RT-PCR Analyses. <i>Cancers</i> , 2021, 13, 2663.	1.7	7
2897	PP2Ac β promotes macrophage accumulation and activation to exacerbate tubular cell death and kidney fibrosis through activating Rap1 and TNF β production. <i>Cell Death and Differentiation</i> , 2021, 28, 2728-2744.	5.0	9
2898	Prognostic value of CCR2 as an immune indicator in lung adenocarcinoma: A study based on tumor-infiltrating immune cell analysis. <i>Cancer Medicine</i> , 2021, 10, 4150-4163.	1.3	6
2899	Progressive immune dysfunction with advancing disease stage in renal cell carcinoma. <i>Cancer Cell</i> , 2021, 39, 632-648.e8.	7.7	230
2900	Specialized Pro-Resolving Mediators Mitigate Cancer-Related Inflammation: Role of Tumor-Associated Macrophages and Therapeutic Opportunities. <i>Frontiers in Immunology</i> , 2021, 12, 702785.	2.2	25
2901	The Macrophage Response Is Driven by Mesenchymal Stem Cell-Mediated Metabolic Reprogramming. <i>Frontiers in Immunology</i> , 2021, 12, 624746.	2.2	25
2902	Histone deacetylase 9 deficiency exaggerates uterine M2 macrophage polarization. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 7690-7708.	1.6	14
2903	Comparative Proteomic Analysis of Polarized Human THP-1 and Mouse RAW264.7 Macrophages. <i>Frontiers in Immunology</i> , 2021, 12, 700009.	2.2	55
2904	Porcine reproductive and respiratory syndrome virus increases SOCS3 production via activation of p38/AP-1 signaling pathway to promote viral replication. <i>Veterinary Microbiology</i> , 2021, 257, 109075.	0.8	5
2905	Synergistic immunotherapy of glioblastoma by dual targeting of IL-6 and CD40. <i>Nature Communications</i> , 2021, 12, 3424.	5.8	74
2906	Hyperglycemia modulates M1/M2 macrophage polarization via reactive oxygen species overproduction in ligature-induced periodontitis. <i>Journal of Periodontal Research</i> , 2021, 56, 991-1005.	1.4	79
2907	Macrophage Plasticity and Polarization Are Altered in the Experimental Model of Multiple Sclerosis. <i>Biomolecules</i> , 2021, 11, 837.	1.8	22
2908	A Monocyte-Orchestrated IFN- β -to-IL-4 Cytokine Axis Instigates Protumoral Macrophages and Thwarts Poly(I:C) Therapy. <i>Journal of Immunology</i> , 2021, 207, 408-420.	0.4	3
2909	Crosstalk between Macrophages and Myxoid Liposarcoma Cells Increases Spreading and Invasiveness of Tumor Cells. <i>Cancers</i> , 2021, 13, 3298.	1.7	5

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2910	Tumor-Associated Macrophages as Multifaceted Regulators of Breast Tumor Growth. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6526.	1.8	67
2911	<i>Helicobacter pylori</i> -Induced Heparanase Promotes <i>H. pylori</i> Colonization and Gastritis. <i>Frontiers in Immunology</i> , 2021, 12, 675747.	2.2	16
2912	Enhanced Skin Incisional Wound Healing With Intracellular ATP Delivery via Macrophage Proliferation and Direct Collagen Production. <i>Frontiers in Pharmacology</i> , 2021, 12, 594586.	1.6	11
2913	The expanding world of tissue-resident macrophages. <i>European Journal of Immunology</i> , 2021, 51, 1882-1896.	1.6	51
2914	New Therapeutic Tools to Shape Monocyte Functional Phenotypes in Leishmaniasis. <i>Frontiers in Immunology</i> , 2021, 12, 704429.	2.2	4
2915	Benefits in the Macrophage Response Due to Graphene Oxide Reduction by Thermal Treatment. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6701.	1.8	14
2916	Propofol ameliorates renal ischemia/reperfusion injury by enhancing macrophage M2 polarization through PPAR β /STAT3 signaling. <i>Aging</i> , 2021, 13, 15511-15522.	1.4	16
2917	Tongue Cancer Cell-Derived CCL20 Induced by Interaction With Macrophages Promotes CD163 Expression on Macrophages. <i>Frontiers in Oncology</i> , 2021, 11, 667174.	1.3	3
2918	An oral absorbent, AST-120, restores vascular growth and blood flow in ischemic muscles in diabetic mice via modulation of macrophage transition. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 155, 99-110.	0.9	2
2919	Macrophage Polarization States in the Tumor Microenvironment. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6995.	1.8	539
2920	Lysophosphatidic Acid: Promoter of Cancer Progression and of Tumor Microenvironment Development. A Promising Target for Anticancer Therapies?. <i>Cells</i> , 2021, 10, 1390.	1.8	14
2921	Macrophage Related Chronic Inflammation in Non-Healing Wounds. <i>Frontiers in Immunology</i> , 2021, 12, 681710.	2.2	76
2922	The Role of Renal Macrophage, AIM, and TGF- β 1 Expression in Renal Fibrosis Progression in IgAN Patients. <i>Frontiers in Immunology</i> , 2021, 12, 646650.	2.2	19
2923	MicroRNAs: The Link between the Metabolic Syndrome and Oncogenesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6337.	1.8	11
2924	Dasatinib protects against acute respiratory distress syndrome via Nrf2-regulated M2 macrophages polarization. <i>Drug Development Research</i> , 2021, 82, 1247-1257.	1.4	4
2925	Dermal macrophage and its potential in inducing hair follicle regeneration. <i>Molecular Immunology</i> , 2021, 134, 25-33.	1.0	3
2926	Macrophage recruitment in immune-privileged lens during capsule repair, necrotic fiber removal, and fibrosis. <i>IScience</i> , 2021, 24, 102533.	1.9	10
2927	Tumor-Associated Macrophages in Pancreatic Ductal Adenocarcinoma: Therapeutic Opportunities and Clinical Challenges. <i>Cancers</i> , 2021, 13, 2860.	1.7	39

#	ARTICLE	IF	CITATIONS
2928	Individualized lncRNA differential expression profile reveals heterogeneity of breast cancer. <i>Oncogene</i> , 2021, 40, 4604-4614.	2.6	17
2929	Structure vs. Function of TRIB1 in Myeloid Neoplasms and Beyond. <i>Cancers</i> , 2021, 13, 3060.	1.7	7
2931	Core Cross-Linked Polymeric Micelles for Specific Iron Delivery: Inducing Sterile Inflammation in Macrophages. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100385.	3.9	13
2932	Bio-Responsive nanoparticle for tumor targeting and enhanced photo-immunotherapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 202, 111681.	2.5	11
2933	Effects of Neohesperidin Dihydrochalcone (NHDC) on Oxidative Phosphorylation, Cytokine Production, and Lipid Deposition. <i>Foods</i> , 2021, 10, 1408.	1.9	11
2934	Engineered immune cells with nanomaterials to improve adoptive cell therapy. <i>Biomedical Engineering Letters</i> , 2021, 11, 183-195.	2.1	1
2935	CD163-positive cancer cells are a predictor of a worse clinical course in lung adenocarcinoma. <i>Pathology International</i> , 2021, 71, 666-673.	0.6	11
2936	Simiao Wan attenuates monosodium urate crystal-induced arthritis in rats through contributing to macrophage M2 polarization. <i>Journal of Ethnopharmacology</i> , 2021, 275, 114123.	2.0	13
2937	Abnormal Macrophage Polarization in Patients with Myelodysplastic Syndrome. <i>Mediators of Inflammation</i> , 2021, 2021, 1-8.	1.4	9
2938	CAFs Interacting With TAMs in Tumor Microenvironment to Enhance Tumorigenesis and Immune Evasion. <i>Frontiers in Oncology</i> , 2021, 11, 668349.	1.3	79
2939	Interleukin-27 promotes autophagy in human serum-induced primary macrophages via an mTOR- and LC3-independent pathway. <i>Scientific Reports</i> , 2021, 11, 14898.	1.6	13
2940	Cholesterol-Ester Transfer Protein Alters M1 and M2 Macrophage Polarization and Worsens Experimental Elastase-Induced Pulmonary Emphysema. <i>Frontiers in Immunology</i> , 2021, 12, 684076.	2.2	10
2941	CAR-macrophage: A new immunotherapy candidate against solid tumors. <i>Biomedicine and Pharmacotherapy</i> , 2021, 139, 111605.	2.5	92
2942	Notch Signaling Ligand Jagged1 Enhances Macrophage-Mediated Response to <i>Helicobacter pylori</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 692832.	1.5	9
2943	Butorphanol Promotes Macrophage Phenotypic Transition to Inhibit Inflammatory Lung Injury via μ Receptors. <i>Frontiers in Immunology</i> , 2021, 12, 692286.	2.2	21
2944	3,5-Diiodo-L-Thyronine (T2) Administration Affects Visceral Adipose Tissue Inflammatory State in Rats Receiving Long-Lasting High-Fat Diet. <i>Frontiers in Endocrinology</i> , 2021, 12, 703170.	1.5	7
2945	Macrophage ontogeny and functional diversity in cardiometabolic diseases. <i>Seminars in Cell and Developmental Biology</i> , 2021, 119, 119-129.	2.3	2
2946	Alcohol consumption induces murine osteoporosis by downregulation of natural killer T-like cell activity. <i>Immunity, Inflammation and Disease</i> , 2021, 9, 1370-1382.	1.3	11

#	ARTICLE	IF	CITATIONS
2947	MiRâ€³82â€³5p suppresses M1 macrophage polarization and inflammatory response in response to bronchopulmonary dysplasia through targeting CDK8: Involving inhibition of STAT1 pathway. <i>Genes To Cells</i> , 2021, 26, 772-781.	0.5	12
2948	Single-cell analysis reveals cell communication triggered by macrophages associated with the reduction and exhaustion of CD8+ T cells in COVID-19. <i>Cell Communication and Signaling</i> , 2021, 19, 73.	2.7	16
2949	Immune Microenvironment Features and Dynamics in Hodgkin Lymphoma. <i>Cancers</i> , 2021, 13, 3634.	1.7	10
2950	Microglial responses to CSF1 overexpression do not promote the expansion of other glial lineages. <i>Journal of Neuroinflammation</i> , 2021, 18, 162.	3.1	3
2951	Role of interferons in diabetic retinopathy. <i>World Journal of Diabetes</i> , 2021, 12, 939-953.	1.3	9
2952	Programmed PPAR-Î± downregulation induces inflammaging by suppressing fatty acid catabolism in monocytes. <i>IScience</i> , 2021, 24, 102766.	1.9	11
2953	The roles of macrophage polarization in the host immune response to sepsis. <i>International Immunopharmacology</i> , 2021, 96, 107791.	1.7	88
2954	Latitudinal and longitudinal regulation of tissue macrophages in inflammatory diseases. <i>Genes and Diseases</i> , 2022, 9, 1194-1207.	1.5	8
2955	Effects of des-acyl ghrelin on insulin sensitivity and macrophage polarization in adipose tissue. <i>Journal of Translational Internal Medicine</i> , 2021, 9, 84-97.	1.0	21
2956	Modulating Repolarization of Tumor-Associated Macrophages with Targeted Therapeutic Nanoparticles as a Potential Strategy for Cancer Therapy. <i>ACS Applied Bio Materials</i> , 2021, 4, 5871-5896.	2.3	8
2957	Macrophage as a Peripheral Pain Regulator. <i>Cells</i> , 2021, 10, 1881.	1.8	63
2958	Tumor Associated Macrophages, as the Dominant Immune Cells, Are an Indispensable Target for Immunologically Cold Tumorâ€³Glioma Therapy?. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 706286.	1.8	43
2959	Influence of enantiomeric polylysine grafted on gold nanorods on the uptake and inflammatory response of bone marrowâ€³derived macrophages in vitro. <i>Journal of Biomedical Materials Research - Part A</i> , 2022, 110, 143-155.	2.1	1
2960	Effect of Microbiome on Non-Alcoholic Fatty Liver Disease and the Role of Probiotics, Prebiotics, and Biotics. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8008.	1.8	15
2961	Effects of TRIM59 on RAW264.7 macrophage gene expression and function. <i>Immunobiology</i> , 2021, 226, 152109.	0.8	2
2962	Nuclear factor kappa B inhibitor suppresses experimental autoimmune neuritis in mice via declining macrophages polarization to M1 type. <i>Clinical and Experimental Immunology</i> , 2021, 206, 110-117.	1.1	7
2963	Structures and anti-melanoma activities of two polysaccharides from <i>Angelica sinensis</i> (Oliv.) Diels. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 972-981.	3.6	5
2964	Platelet lysate converts M (IFNÎ³+LPS) macrophages in CD206⁺TGFâ€³Î²⁺arginase⁺M2â€³like macrophages that affect fibroblast activity and T lymphocyte migration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2021, 15, 788-797.	1.3	9

#	ARTICLE	IF	CITATIONS
2965	Î±1-Acid Glycoprotein Enhances the Immunosuppressive and Protumor Functions of Tumor-Associated Macrophages. <i>Cancer Research</i> , 2021, 81, 4545-4559.	0.4	16
2968	Incorporating mucosal-associated invariant T cells into the pathogenesis of chronic liver disease. <i>World Journal of Gastroenterology</i> , 2021, 27, 3705-3733.	1.4	9
2969	Cell-Inspired Biomaterials for Modulating Inflammation. <i>Tissue Engineering - Part B: Reviews</i> , 2022, 28, 279-294.	2.5	2
2970	Role of Macrophages and Related Cytokines in Kidney Disease. <i>Frontiers in Medicine</i> , 2021, 8, 688060.	1.2	40
2971	Application of genetic cell-lineage tracing technology to study cardiovascular diseases. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 156, 57-68.	0.9	3
2972	Vaccine Candidates for the Control and Prevention of the Sexually Transmitted Disease Gonorrhea. <i>Vaccines</i> , 2021, 9, 804.	2.1	13
2973	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
2974	Mitochondrial metabolism regulates macrophage biology. <i>Journal of Biological Chemistry</i> , 2021, 297, 100904.	1.6	90
2975	Immune status of decidual macrophages is dependent on the CCL2/CCR2/JAK2 pathway during early pregnancy. <i>American Journal of Reproductive Immunology</i> , 2021, 86, e13480.	1.2	11
2977	Human Beta-Defensin 2 and 3 Inhibit HIV-1 Replication in Macrophages. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 535352.	1.8	12
2978	Therapeutic Potential of Targeting Stromal Crosstalk-Mediated Immune Suppression in Pancreatic Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 682217.	1.3	13
2979	Neuropeptides, Inflammation, Biofilms, and diabetic Foot Ulcers. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2022, 130, 439-446.	0.6	9
2980	Heterogeneous Myeloid Cells in Tumors. <i>Cancers</i> , 2021, 13, 3772.	1.7	30
2981	Two-Photon, Ratiometric, Quantitative Fluorescent Probe Reveals Fluctuation of Peroxynitrite Regulated by Arginase 1. <i>Analytical Chemistry</i> , 2021, 93, 10090-10098.	3.2	36
2982	Reconciling two opposing effects of radiation therapy: stimulation of cancer cell invasion and activation of anti-cancer immunity. <i>International Journal of Radiation Biology</i> , 2023, 99, 951-963.	1.0	0
2983	The effect of normal, metaplastic, and neoplastic esophageal extracellular matrix upon macrophage activation. <i>Journal of Immunology and Regenerative Medicine</i> , 2021, 13, 100037.	0.2	6
2984	In Vitro Electrochemical Detection of Hydrogen Peroxide in Activated Macrophages via a Platinum Microelectrode Array. <i>Sensors</i> , 2021, 21, 5607.	2.1	7
2985	The Role of Distinct Subsets of Macrophages in the Pathogenesis of MS and the Impact of Different Therapeutic Agents on These Populations. <i>Frontiers in Immunology</i> , 2021, 12, 667705.	2.2	12

#	ARTICLE	IF	CITATIONS
2986	New Insights on Tramadol and Immunomodulation. <i>Current Oncology Reports</i> , 2021, 23, 123.	1.8	6
2987	Dynamicity in Host Metabolic Adaptation Is Influenced by the Synergistic Effect of Eugenol Oleate and Amphotericin B During <i>Leishmania donovani</i> Infection In Vitro. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 709316.	1.8	2
2988	Macrophage-targeted nanomedicine for chronic diseases immunotherapy. <i>Chinese Chemical Letters</i> , 2022, 33, 597-612.	4.8	44
2989	Quorum Sensing by Gelsolin Regulates Programmed Cell Death 4 Expression and a Density-Dependent Phenotype in Macrophages. <i>Journal of Immunology</i> , 2021, 207, 1250-1264.	0.4	7
2990	Macrophage polarization-associated Inc-Ma301 interacts with caprin-1 to inhibit hepatocellular carcinoma metastasis through the Akt/Erk1 pathway. <i>Cancer Cell International</i> , 2021, 21, 422.	1.8	12
2991	Immunoporosis: Role of Innate Immune Cells in Osteoporosis. <i>Frontiers in Immunology</i> , 2021, 12, 687037.	2.2	62
2992	Does <i>Schistosoma Mansoni</i> Facilitate Carcinogenesis?. <i>Cells</i> , 2021, 10, 1982.	1.8	12
2993	Tumor-Associated Macrophages (TAMs) in Colorectal Cancer (CRC): From Mechanism to Therapy and Prognosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8470.	1.8	127
2994	Manipulation of TAMs functions to facilitate the immune therapy effects of immune checkpoint antibodies. <i>Journal of Controlled Release</i> , 2021, 336, 621-634.	4.8	18
2995	Caspase-11 regulates lung inflammation in response to house dust mites. <i>Cellular Immunology</i> , 2021, 370, 104425.	1.4	4
2996	3D-Printed Scaffolds Promote Angiogenesis by Recruiting Antigen-Specific T Cells. <i>Engineering</i> , 2022, 17, 183-195.	3.2	6
2997	Pro-tumoral functions of tumor-associated macrophage EV-miRNA. <i>Seminars in Cancer Biology</i> , 2022, 86, 58-63.	4.3	12
2998	Insights into the Cellular and Molecular Mechanisms That Govern the Fracture-Healing Process: A Narrative Review. <i>Journal of Clinical Medicine</i> , 2021, 10, 3554.	1.0	10
2999	Channeling macrophage polarization by rocaglates increases macrophage resistance to <i>Mycobacterium tuberculosis</i> . <i>IScience</i> , 2021, 24, 102845.	1.9	14
3000	CCL20/TNF/VEGFA Cytokine Secretory Phenotype of Tumor-Associated Macrophages Is a Negative Prognostic Factor in Cutaneous Melanoma. <i>Cancers</i> , 2021, 13, 3943.	1.7	8
3001	Lymphocyte-to-monocyte ratio predicts survival after cytoreductive surgery and hyperthermic intraperitoneal chemotherapy. <i>Biomarkers in Medicine</i> , 2021, 15, 965-975.	0.6	0
3002	Macrophage-derived secretome is sufficient to confer olanzapine-mediated insulin resistance in human adipocytes. <i>Comprehensive Psychoneuroendocrinology</i> , 2021, 7, 100073.	0.7	4
3003	Immunohistochemical Characterization of Tumor-Associated Macrophages in Canine Lymphomas. <i>Animals</i> , 2021, 11, 2301.	1.0	7

#	ARTICLE	IF	CITATIONS
3004	Engineering Endogenous Tumor-Associated Macrophage-Targeted Biomimetic Nano-RBC to Reprogram Tumor Immunosuppressive Microenvironment for Enhanced Chemotherapy. <i>Advanced Materials</i> , 2021, 33, e2103497.	11.1	73
3005	Regenerative medicine: potential applications for foot and ankle disorders. <i>LO SCALPELLO-OTODI Educational</i> , 2021, 35, 117-128.	0.1	1
3006	Occupational exposure to gasoline in gasoline station male attendants promotes M1 polarization in macrophages. <i>Environmental Science and Pollution Research</i> , 2022, 29, 6399-6413.	2.7	4
3007	A Catalogus Immune Muris of the mouse immune responses to diverse pathogens. <i>Cell Death and Disease</i> , 2021, 12, 798.	2.7	0
3008	Influence of Epstein-Barr virus and human papillomavirus infection on macrophage migration inhibitory factor and macrophage polarization in nasopharyngeal carcinoma. <i>BMC Cancer</i> , 2021, 21, 929.	1.1	7
3009	Macrophages: The Good, the Bad, and the Gluttony. <i>Frontiers in Immunology</i> , 2021, 12, 708186.	2.2	178
3010	Bone marrow-derived macrophages converted into cancer-associated fibroblast-like cells promote pancreatic cancer progression. <i>Cancer Letters</i> , 2021, 512, 15-27.	3.2	27
3011	Immune cells and Notch1 signaling appear to drive the epithelial to mesenchymal transition in the development of adenomyosis in mice. <i>Molecular Human Reproduction</i> , 2021, 27, .	1.3	12
3012	Anti-Inflammatory Effects Induced by Near-Infrared Light Irradiation through M2 Macrophage Polarization. <i>Journal of Investigative Dermatology</i> , 2021, 141, 2056-2066.e10.	0.3	7
3013	The Macrophage Iron Signature in Health and Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8457.	1.8	13
3014	Anti-inflammatory and M2 macrophage polarization-promoting effect of mesenchymal stem cell-derived exosomes. <i>International Immunopharmacology</i> , 2021, 97, 107823.	1.7	143
3015	Tumor necrosis factor- α expression aberration of M1/M2 macrophages in adult h α -functioning autism spectrum disorder. <i>Autism Research</i> , 2021, 14, 2330-2341.	2.1	11
3016	Comprehensive Integrative Analysis Reveals the Association of KLF4 with Macrophage Infiltration and Polarization in Lung Cancer Microenvironment. <i>Cells</i> , 2021, 10, 2091.	1.8	18
3017	Carbohydrate-Based Macromolecular Biomaterials. <i>Chemical Reviews</i> , 2021, 121, 10950-11029.	23.0	122
3019	Features of the Population of Mouse Peritoneal Macrophages Isolated after Stimulation with Concanavalin A and Thioglycolate. <i>Bulletin of Experimental Biology and Medicine</i> , 2021, 171, 532-540.	0.3	2
3020	BCG immunotherapy inhibits cancer progression by promoting the M1 macrophage differentiation of THP-1 cells via the Rb/E2F1 pathway in cervical carcinoma. <i>Oncology Reports</i> , 2021, 46, .	1.2	4
3021	Promising Biomarkers of Radiation-Induced Lung Injury: A Review. <i>Biomedicines</i> , 2021, 9, 1181.	1.4	18
3022	Establishment and Validation of a Genetic Label Associated With M2 Macrophage Infiltration to Predict Survival in Patients With Colon Cancer and to Assist in Immunotherapy. <i>Frontiers in Genetics</i> , 2021, 12, 726387.	1.1	5

#	ARTICLE	IF	CITATIONS
3023	Identification of Key Genes and Immune Infiltrate in Nonalcoholic Steatohepatitis: A Bioinformatic Analysis. <i>BioMed Research International</i> , 2021, 2021, 1-15.	0.9	10
3024	TLR-4 Agonist Induces IFN- γ Production Selectively in Proinflammatory Human M1 Macrophages through the PI3K-mTOR and JNK-MAPK Activated p70S6K Pathway. <i>Journal of Immunology</i> , 2021, 207, 2310-2324.	0.4	15
3025	Crosstalk Between CD11b and Piezo1 Mediates Macrophage Responses to Mechanical Cues. <i>Frontiers in Immunology</i> , 2021, 12, 689397.	2.2	34
3026	Nanoparticles targeting tumor-associated macrophages: A novel anti-tumor therapy. <i>Nano Research</i> , 2022, 15, 2177-2195.	5.8	6
3027	Tumor-derived exosomes drive immunosuppressive macrophages in a pre-metastatic niche through glycolytic dominant metabolic reprogramming. <i>Cell Metabolism</i> , 2021, 33, 2040-2058.e10.	7.2	200
3028	Tumor-derived exosomal miR-19b-3p facilitates M2 macrophage polarization and exosomal LINC00273 secretion to promote lung adenocarcinoma metastasis via Hippo pathway. <i>Clinical and Translational Medicine</i> , 2021, 11, e478.	1.7	86
3029	MERTK+/hi M2c Macrophages Induced by Baicalin Alleviate Non-Alcoholic Fatty Liver Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10604.	1.8	14
3030	Modulating tumor-associated macrophages to enhance the efficacy of immune checkpoint inhibitors: A TAM-paring approach. , 2022, 231, 107986.		30
3031	Obesity and Inflammation: Colorectal Cancer Engines. <i>Current Molecular Pharmacology</i> , 2022, 15, 620-646.	0.7	14
3032	Transcriptional neural-like signaling contributes to an immune-suppressive tumor microenvironment. <i>FASEB BioAdvances</i> , 2022, 4, 76-89.	1.3	0
3033	A New Perspective on Cancer Therapy: Changing the Treaded Path?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9836.	1.8	6
3035	Naringin improves sepsis-induced intestinal injury by modulating macrophage polarization via PPAR β /miR-21 axis. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 25, 502-514.	2.3	17
3036	Tumor-Associated Macrophages in Bladder Cancer: Biological Role, Impact on Therapeutic Response and Perspectives for Immunotherapy. <i>Cancers</i> , 2021, 13, 4712.	1.7	29
3037	YAP-induced Ccl2 expression is associated with a switch in hepatic macrophage identity and vascular remodelling in liver cancer. <i>Liver International</i> , 2021, 41, 3011-3023.	1.9	17
3038	Treating Autoimmune Inflammatory Diseases with an siERN1-Nanoprodrug That Mediates Macrophage Polarization and Blocks Toll-like Receptor Signaling. <i>ACS Nano</i> , 2021, 15, 15874-15891.	7.3	19
3039	Recombinant Antigen of Type 2 Porcine Reproductive and Respiratory Syndrome Virus (PRRSV-2) Promotes M1 Repolarization of Porcine Alveolar Macrophages and Th1 Type Response. <i>Vaccines</i> , 2021, 9, 1009.	2.1	5
3040	TLR4 signaling in the development of colitis-associated cancer and its possible interplay with microRNA-155. <i>Cell Communication and Signaling</i> , 2021, 19, 90.	2.7	24
3041	Head and neck squamous cell carcinoma cell lines have an immunomodulatory effect on macrophages independent of hypoxia and toll-like receptor 9. <i>BMC Cancer</i> , 2021, 21, 990.	1.1	3

#	ARTICLE	IF	CITATIONS
3043	Therapeutic effect of fluvastatin on medication-related osteonecrosis of the jaw. <i>Journal of Periodontology</i> , 2022, 93, 837-846.	1.7	10
3044	Dehydrocostus Lactone Attenuates Methicillin-Resistant <i>Staphylococcus aureus</i> -Induced Inflammation and Acute Lung Injury via Modulating Macrophage Polarization. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9754.	1.8	22
3045	Mild Traumatic Brain Injury Contributes to the Development of Delayed Neuroinflammation. <i>NeuroImmunoModulation</i> , 2021, , 1-8.	0.9	4
3046	Biomimetic immunomodulation by crosstalk with nanoparticulate regulatory T cells. <i>Matter</i> , 2021, 4, 3621-3645.	5.0	25
3047	Transcriptome profiling reveals new insights into the roles of neuronal nitric oxide synthase on macrophage polarization towards classically activated phenotype. <i>PLoS ONE</i> , 2021, 16, e0257908.	1.1	1
3048	Remodeling the Tumor Myeloid Landscape to Enhance Antitumor Antibody Immunotherapies. <i>Cancers</i> , 2021, 13, 4904.	1.7	8
3049	Complementary Effect of Non-Persistent Silver Nano-Architectures and Chlorhexidine on Infected Wound Healing. <i>Biomedicines</i> , 2021, 9, 1215.	1.4	4
3050	UPR attenuates the proinflammatory effect of HPDLF on macrophage polarization. <i>Cell Stress and Chaperones</i> , 2021, 26, 937-944.	1.2	2
3051	Huang-Lian-Jie-Du Decoction Attenuates Atherosclerosis and Increases Plaque Stability in High-Fat Diet-Induced ApoE ^{-/-} Mice by Inhibiting M1 Macrophage Polarization and Promoting M2 Macrophage Polarization. <i>Frontiers in Physiology</i> , 2021, 12, 666449.	1.3	18
3052	Supportive therapy during COVID-19: The proposed mechanism of short-chain fatty acids to prevent cytokine storm and multi-organ failure. <i>Medical Hypotheses</i> , 2021, 154, 110661.	0.8	18
3053	Selenium Deficiency Aggravates Heat Stress Pneumonia in Chickens by Disrupting the M1/M2 Balance. <i>Biological Trace Element Research</i> , 2022, 200, 3315-3325.	1.9	8
3054	PAK1 Silencing Attenuated Proinflammatory Macrophage Activation and Foam Cell Formation by Increasing PPAR γ Expression. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13.	1.9	7
3055	Immunomodulatory functions of TRPM7 and its implications in autoimmune diseases. <i>Immunology</i> , 2022, 165, 3-21.	2.0	8
3056	COVID-19: Mechanistic Model of the African Paradox Supports the Central Role of the NF- κ B Pathway. <i>Viruses</i> , 2021, 13, 1887.	1.5	12
3057	Secreted Factors by Anaplastic Thyroid Cancer Cells Induce Tumor-Promoting M2-like Macrophage Polarization through a TIM3-Dependent Mechanism. <i>Cancers</i> , 2021, 13, 4821.	1.7	11
3058	Association of Systemic Steroid Treatment and Outcome in Patients Treated with Immune Checkpoint Inhibitors: A Real-World Analysis. <i>Molecules</i> , 2021, 26, 5789.	1.7	23
3059	Endoplasmic Reticulum Quality Control in Immune Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 740653.	1.8	12
3060	Selective Induction of Cell Death in Human M1 Macrophages by Smac Mimetics Is Mediated by cIAP-2 and RIPK-1/3 through the Activation of mTORC. <i>Journal of Immunology</i> , 2021, 207, 2359-2373.	0.4	5

#	ARTICLE	IF	CITATIONS
3061	Anti-Inflammatory and Anticancer Effects of Microalgal Carotenoids. <i>Marine Drugs</i> , 2021, 19, 531.	2.2	58
3062	The tumor microenvironment as driver of stemness and therapeutic resistance in breast cancer: New challenges and therapeutic opportunities. <i>Cellular Oncology (Dordrecht)</i> , 2021, 44, 1209-1229.	2.1	71
3063	Interleukin-34 promotes tumorigenic signals for colon cancer cells. <i>Cell Death Discovery</i> , 2021, 7, 245.	2.0	7
3065	Immune Cycle-Based Strategies for Cancer Immunotherapy. <i>Advanced Functional Materials</i> , 2021, 31, 2107540.	7.8	24
3066	Anti-F4/80 treatment attenuates Th2 cell responses: Implications for the role of lung interstitial macrophages in the asthmatic mice. <i>International Immunopharmacology</i> , 2021, 99, 108009.	1.7	2
3067	Dysregulation of cholesterol homeostasis in human lung cancer tissue and tumour-associated macrophages. <i>EBioMedicine</i> , 2021, 72, 103578.	2.7	43
3068	CD38 in the age of COVID-19: a medical perspective. <i>Physiological Reviews</i> , 2021, 101, 1457-1486.	13.1	32
3069	Exosomes derived from induced pluripotent stem cells suppresses M2-type macrophages during pulmonary fibrosis via miR-302a-3p/TET1 axis. <i>International Immunopharmacology</i> , 2021, 99, 108075.	1.7	14
3070	Diosgenin suppresses COX-2 and mPGES-1 via GR and improves LPS-induced liver injury in mouse. <i>Prostaglandins and Other Lipid Mediators</i> , 2021, 156, 106580.	1.0	12
3071	Single-cell RNA-seq reveals functionally distinct biomaterial degradation-related macrophage populations. <i>Biomaterials</i> , 2021, 277, 121116.	5.7	10
3072	Paraquat promotes acute lung injury in rats by regulating alveolar macrophage polarization through glycolysis. <i>Ecotoxicology and Environmental Safety</i> , 2021, 223, 112571.	2.9	19
3073	The functional cross talk between cancer cells and cancer associated fibroblasts from a cancer mechanics perspective. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 119103.	1.9	17
3074	Intrarenal modulation of NF- κ B activity attenuates cardiac injury in a swine model of CKD: a renal-cardio axis. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 321, F411-F423.	1.3	9
3075	M α CSF and prostratin induced Mregs promote immune tolerance in transplanted mice through Arg-1 pathway. <i>International Immunopharmacology</i> , 2021, 99, 108014.	1.7	2
3076	Selective Inhibition of NLRP3 Inflammasome Reverses Pressure Overload-Induced Pathological Cardiac Remodeling by Attenuating Hypertrophy, Fibrosis, and Inflammation. <i>International Immunopharmacology</i> , 2021, 99, 108046.	1.7	36
3077	Resveratrol attenuates TNBC lung metastasis by down-regulating PD-1 expression on pulmonary T cells and converting macrophages to M1 phenotype in a murine tumor model. <i>Cellular Immunology</i> , 2021, 368, 104423.	1.4	21
3078	Structural characterization and mechanisms of macrophage immunomodulatory activity of a pectic polysaccharide from <i>Cucurbita moschata</i> Duch.. <i>Carbohydrate Polymers</i> , 2021, 269, 118288.	5.1	58
3079	Stromal fibroblasts shape the myeloid phenotype in normal colon and colorectal cancer and induce CD163 and CCL2 expression in macrophages. <i>Cancer Letters</i> , 2021, 520, 184-200.	3.2	40

#	ARTICLE	IF	CITATIONS
3080	Protective effect of cynaroside on sepsis-induced multiple organ injury through Nrf2/HO-1-dependent macrophage polarization. <i>European Journal of Pharmacology</i> , 2021, 911, 174522.	1.7	13
3081	Non-viral vector mediated CKb11 with folic acid modification regulates macrophage polarization and DC maturation to elicit immune response against cancer. <i>Bioactive Materials</i> , 2021, 6, 3678-3691.	8.6	13
3082	Glial cell line-derived neurotrophic factor ameliorates dextran sulfate sodium-induced colitis in mice via a macrophage-mediated pathway. <i>International Immunopharmacology</i> , 2021, 100, 108143.	1.7	5
3083	Macrophage-derived implantable vaccine prevents postsurgical tumor recurrence. <i>Biomaterials</i> , 2021, 278, 121161.	5.7	17
3084	Response of RAW 264.7 and J774A.1 macrophages to particles and nanoparticles of a mesoporous bioactive glass: A comparative study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 208, 112110.	2.5	10
3085	Mitochondrial connections with immune system in Zebrafish. <i>Fish and Shellfish Immunology Reports</i> , 2021, 2, 100019.	0.5	5
3086	M1-type microglia can induce astrocytes to deposit chondroitin sulfate proteoglycan after spinal cord injury. <i>Neural Regeneration Research</i> , 2022, 17, 1072.	1.6	18
3087	Innate and adaptive immunity in cancer. , 2022, , 19-61.		0
3088	Application of Raman spectroscopy for characterization of the functional polarization of macrophages into M1 and M2 cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 265, 120328.	2.0	11
3089	Properties of macrophages and lymphocytes appearing in rat renal fibrosis followed by repeated injection of cisplatin. <i>Journal of Veterinary Medical Science</i> , 2021, 83, 1435-1442.	0.3	0
3090	Lipid Metabolism in Tumor-Associated Macrophages. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1316, 87-101.	0.8	20
3091	M2 Monocyte Polarization in Dialyzed Patients Is Associated with Increased Levels of M-CSF and Myeloperoxidase-Associated Oxidative Stress: Preliminary Results. <i>Biomedicines</i> , 2021, 9, 84.	1.4	5
3092	ADAP Y571 Phosphorylation Is Required to Prime STAT3 for Activation in TLR4-Stimulated Macrophages. <i>Journal of Immunology</i> , 2021, 206, 814-826.	0.4	6
3093	Immunophenotypical Characterization of M1/M2 Macrophages and Lymphocytes in Cisplatin-Induced Rat Progressive Renal Fibrosis. <i>Cells</i> , 2021, 10, 257.	1.8	37
3094	Function of Connexin-43 in Macrophages. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1412.	1.8	13
3095	Electrospun tissue regeneration biomaterials for immunomodulation. , 2021, , 89-117.		0
3096	Giant Macrophages: Characteristics and Clinical Relevance. , 2021, , 169-184.		0
3097	Regulation of Macrophage Activation and Differentiation in Atherosclerosis. <i>Journal of Lipid and Atherosclerosis</i> , 2021, 10, 251.	1.1	18

#	ARTICLE	IF	CITATIONS
3098	Zoledronate Causes a Systemic Shift of Macrophage Polarization towards M1 In Vivo. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1323.	1.8	15
3099	Gamma-aminobutyric acid-salt attenuated high cholesterol/high salt diet induced hypertension in mice. <i>Korean Journal of Physiology and Pharmacology</i> , 2021, 25, 27-38.	0.6	7
3100	Ratio of CD68/CD163 in Breast Carcinoma with and without Axillary Lymph Node Metastatic. <i>Folia Medica Indonesiana</i> , 2021, 56, 19.	0.1	0
3101	Neuroimmune interactions and osteoarthritis pain: focus on macrophages. <i>Pain Reports</i> , 2021, 6, e892.	1.4	26
3102	Molecular Changes Underlying Hypertrophic Scarring Following Burns Involve Specific Deregulations at All Wound Healing Stages (Inflammation, Proliferation and Maturation). <i>International Journal of Molecular Sciences</i> , 2021, 22, 897.	1.8	32
3103	Role of Nanomedicine for Cancer Immunotherapy. , 2021, , 115-132.		0
3104	Stimulation of Probiotic Bacteria Induces Release of Membrane Vesicles with Augmented Anti-inflammatory Activity. <i>ACS Applied Bio Materials</i> , 2021, 4, 3739-3748.	2.3	15
3105	Co-stimulation with opposing macrophage polarization cues leads to orthogonal secretion programs in individual cells. <i>Nature Communications</i> , 2021, 12, 301.	5.8	45
3106	Adipose tissue macrophages as a therapeutic target in obesity-associated diseases. <i>Obesity Reviews</i> , 2021, 22, e13200.	3.1	24
3107	Origins and diversity of macrophages in health and disease. <i>Clinical and Translational Immunology</i> , 2020, 9, e1222.	1.7	40
3108	Macrophages at the Nexus of Mesenchymal Stromal Cell Potency: The Emerging Role of Chemokine Cooperativity. <i>Stem Cells</i> , 2021, 39, 1145-1154.	1.4	55
3109	Cancer Immunotherapy: Targeting Tumor-Associated Macrophages by Gene Silencing. <i>Methods in Molecular Biology</i> , 2020, 2115, 289-325.	0.4	15
3110	The Purification and Characterization of Exosomes from Macrophages. <i>Methods in Molecular Biology</i> , 2020, 2184, 77-90.	0.4	1
3111	Tubulointerstitial Injury: Signaling Pathways, Inflammation, Fibrogenesis. , 2014, , 173-186.		1
3112	Antigen-Presenting Cells in the Central Nervous System. , 2013, , 71-94.		1
3113	Macrophages and Microglia in Experimental Autoimmune Encephalomyelitis and Multiple Sclerosis. , 2013, , 177-195.		1
3114	Adaptive Characteristics of Innate Immune Responses in Macrophages. , 2014, , 339-348.		2
3115	Polarized Activation of Macrophages. , 2014, , 37-57.		3

#	ARTICLE	IF	CITATIONS
3116	Alternative Activation of Macrophages: Concepts and Prospects. , 2014, , 59-76.		1
3117	Assays to Evaluate Toxoplasmaâ€“Macrophage Interactions. Methods in Molecular Biology, 2020, 2071, 347-370.	0.4	8
3118	Immunological Considerations for Retinal Stem Cell Therapy. Advances in Experimental Medicine and Biology, 2019, 1186, 99-119.	0.8	10
3119	The Safety and Efficiency of Addressing ARDS Using Stem Cell Therapies in Clinical Trials. , 2019, , 219-238.		4
3120	Targeting the Tumor-Associated Macrophages for â€“Normalizingâ€“™ Cancer. Human Perspectives in Health Sciences and Technology, 2020, , 245-274.	0.2	2
3121	Lymphatic Endothelial Cell Progenitors in the Tumor Microenvironment. Advances in Experimental Medicine and Biology, 2020, 1234, 87-105.	0.8	17
3122	The Role of the Immune Infiltrate in Distinct Cancer Types and Its Clinical Implications. Cancer Treatment and Research, 2020, 180, 197-211.	0.2	4
3123	What Is an M2 Macrophage? Historical Overview of the Macrophage Polarization Model. The Th1/Th2 and M1/M2 Paradigm, the Arginine Fork. Agents and Actions Supplements, 2020, , 3-25.	0.2	1
3124	Serotonin Modulation of Macrophage Polarization: Inflammation and Beyond. Advances in Experimental Medicine and Biology, 2014, 824, 89-115.	0.8	56
3125	Anti-inflammatory Effects of BET Protein Inhibition Through Modulation of Gene Transcription. , 2015, , 199-223.		1
3126	Inflammatory Cytokine Response to Titanium Surface Chemistry and Topography. , 2017, , 151-167.		4
3127	Prognostic Value of Innate and Adaptive Immunity in Cancers. , 2015, , 275-284.		1
3128	Macrophage Heterogeneity During Inflammation. , 2016, , 865-874.		3
3129	The Brainâ€“Immune Network in Spinal Cord Injury. , 2015, , 41-66.		1
3130	The Role of Innate Immune Signaling in Regulation of Tumor-Associated Myeloid Cells. , 2015, , 25-47.		2
3131	Macrophages. , 2016, , 169-178.		1
3132	Research progress of tumor microenvironment and tumor-associated macrophages. Clinical and Translational Oncology, 2020, 22, 2141-2152.	1.2	18
3133	Effects of the fibrous topography-mediated macrophage phenotype transition on the recruitment of mesenchymal stem cells: An inÂ“vivo study. Biomaterials, 2017, 149, 77-87.	5.7	60

#	ARTICLE	IF	CITATIONS
3134	Tumor cells induce LAMP2a expression in tumor-associated macrophage for cancer progression. EBioMedicine, 2019, 40, 118-134.	2.7	50
3135	Pseudoginsenoside-F11 ameliorates ischemic neuron injury by regulating the polarization of neutrophils and macrophages in vitro. International Immunopharmacology, 2020, 85, 106564.	1.7	9
3136	MiR-124-3p helps to protect against acute respiratory distress syndrome by targeting p65. Bioscience Reports, 2020, 40, .	1.1	24
3137	LncRNA NRON alleviates atrial fibrosis through suppression of M1 macrophages activated by atrial myocytes. Bioscience Reports, 2019, 39, .	1.1	37
3138	Understanding the mechanisms that determine extracellular matrix remodeling in the infarcted myocardium. Biochemical Society Transactions, 2019, 47, 1679-1687.	1.6	12
3139	Modulation of microglial phenotypes improves sepsis-induced hippocampus-dependent cognitive impairments and decreases brain inflammation in an animal model of sepsis. Clinical Science, 2020, 134, 765-776.	1.8	14
3140	Macrophages: an indispensable piece of ovarian health. Biology of Reproduction, 2021, 104, 527-538.	1.2	31
3141	Cardiovascular Molecular Imaging. , 2015, , 601-636.		1
3142	Administration of TGF- β Inhibitor Mitigates Radiation-induced Fibrosis in a Mouse Model. Clinical Orthopaedics and Related Research, 2021, 479, 468-474.	0.7	5
3143	Infection and tissue repair of experimental cutaneous candidiasis in diabetic mice. Journal of Medical Microbiology, 2017, 66, 808-815.	0.7	5
3152	Combination of CD47 and signalâ€‘regulatory proteinâ€‘1 constituting the â€‘donâ€™t eat me signalâ€‘ is a prognostic factor in diffuse large Bâ€‘cell lymphoma. Cancer Science, 2020, 111, 2608-2619.	1.7	27
3153	Macrophage targeting in cancer. Annals of the New York Academy of Sciences, 2021, 1499, 18-41.	1.8	134
3154	The Regulatory Function of Eosinophils. , 0, , 257-269.		2
3155	Molecular Mechanisms of Phagosome Formation. , 0, , 507-526.		3
3156	Positive Role of Chinese Herbal Medicine in Cancer Immune Regulation. The American Journal of Chinese Medicine, 2020, 48, 1577-1592.	1.5	112
3157	Chronic infection stunts macrophage heterogeneity and disrupts immune-mediated myogenesis. JCI Insight, 2018, 3, .	2.3	36
3158	Long noncoding RNA Malat1 regulates differential activation of macrophages and response to lung injury. JCI Insight, 2019, 4, .	2.3	97
3159	TNF- β regulates diabetic macrophage function through the histone acetyltransferase MOF. JCI Insight, 2020, 5, .	2.3	25

#	ARTICLE	IF	CITATIONS
3160	IL-4 induces M2 macrophages to produce sustained analgesia via opioids. JCI Insight, 2020, 5, .	2.3	65
3161	Epigenetic regulation of the PGE2 pathway modulates macrophage phenotype in normal and pathologic wound repair. JCI Insight, 2020, 5, .	2.3	37
3162	Loss of miR-141/200c ameliorates hepatic steatosis and inflammation by reprogramming multiple signaling pathways in NASH. JCI Insight, 2017, 2, .	2.3	45
3163	Beclin-1 regulates cigarette smoke-induced kidney injury in a murine model of chronic obstructive pulmonary disease. JCI Insight, 2018, 3, .	2.3	15
3164	Neutrophils contribute to spontaneous resolution of liver inflammation and fibrosis via microRNA-223. Journal of Clinical Investigation, 2019, 129, 4091-4109.	3.9	166
3165	Lactate inhibits ATP6V0d2 expression in tumor-associated macrophages to promote HIF-2-mediated tumor progression. Journal of Clinical Investigation, 2019, 129, 631-646.	3.9	138
3166	Immunometabolism of pro-repair cells. Journal of Clinical Investigation, 2019, 129, 2597-2607.	3.9	30
3167	Hedgehog signaling promotes tumor-associated macrophage polarization to suppress intratumoral CD8+ T cell recruitment. Journal of Clinical Investigation, 2019, 129, 5151-5162.	3.9	180
3168	Maresin 1 activates LGR6 receptor promoting phagocyte immunoresolvent functions. Journal of Clinical Investigation, 2019, 129, 5294-5311.	3.9	158
3169	Inhibition of mitophagy drives macrophage activation and antibacterial defense during sepsis. Journal of Clinical Investigation, 2020, 130, 5858-5874.	3.9	87
3170	Targeting glutamine metabolism enhances tumor-specific immunity by modulating suppressive myeloid cells. Journal of Clinical Investigation, 2020, 130, 3865-3884.	3.9	230
3171	Î²-Glucan-induced reprogramming of human macrophages inhibits NLRP3 inflammasome activation in cryopyrinopathies. Journal of Clinical Investigation, 2020, 130, 4561-4573.	3.9	44
3172	Hemolysis transforms liver macrophages into antiinflammatory erythrophagocytes. Journal of Clinical Investigation, 2020, 130, 5576-5590.	3.9	36
3173	Virus-induced hepatocellular carcinomas cause antigen-specific local tolerance. Journal of Clinical Investigation, 2013, 123, 1032-1043.	3.9	42
3174	p21 mediates macrophage reprogramming through regulation of p50-p50 NF-Î²B and IFN-Î². Journal of Clinical Investigation, 2016, 126, 3089-3103.	3.9	89
3175	Hypoxia-inducible factors: key regulators of myeloid cells during inflammation. Journal of Clinical Investigation, 2016, 126, 3661-3671.	3.9	113
3176	The impact of hypoxia on tumor-associated macrophages. Journal of Clinical Investigation, 2016, 126, 3672-3679.	3.9	401
3177	Hypoxia-inducible factors: a central link between inflammation and cancer. Journal of Clinical Investigation, 2016, 126, 3689-3698.	3.9	144

#	ARTICLE	IF	CITATIONS
3178	Alternatively activated macrophages determine repair of the infarcted adult murine heart. <i>Journal of Clinical Investigation</i> , 2016, 126, 2151-2166.	3.9	258
3179	Contributions of inflammation and tumor microenvironment to neurofibroma tumorigenesis. <i>Journal of Clinical Investigation</i> , 2018, 128, 2848-2861.	3.9	101
3180	Lysyl-tRNA synthetase-expressing colon spheroids induce M2 macrophage polarization to promote metastasis. <i>Journal of Clinical Investigation</i> , 2018, 128, 5034-5055.	3.9	36
3181	Curcumin Ameliorates Ischemia-Induced Limb Injury Through Immunomodulation. <i>Medical Science Monitor</i> , 2016, 22, 2035-2042.	0.5	19
3182	C57BL/6N Mice Are More Resistant to Ehrlich Ascites Tumors Than C57BL/6J Mice: The Role of Macrophage Nitric Oxide. <i>Medical Science Monitor Basic Research</i> , 2015, 21, 235-240.	2.6	6
3183	M3 Macrophages Stop Division of Tumor Cells In Vitro and Extend Survival of Mice with Ehrlich Ascites Carcinoma. <i>Medical Science Monitor Basic Research</i> , 2017, 23, 8-19.	2.6	16
3184	Clonal selection versus clonal cooperation: the integrated perception of immune objects. <i>F1000Research</i> , 2016, 5, 2226.	0.8	2
3185	Transcriptomic analysis reveals diverse gene expression changes in airway macrophages during experimental allergic airway disease. <i>Wellcome Open Research</i> , 2020, 5, 101.	0.9	4
3186	Transcriptomic analysis reveals diverse gene expression changes in airway macrophages during experimental allergic airway disease. <i>Wellcome Open Research</i> , 2020, 5, 101.	0.9	4
3187	Macrophage regulation of graft-vs-host disease. <i>World Journal of Clinical Cases</i> , 2020, 8, 1793-1805.	0.3	19
3188	Molecular and Immunological Mechanisms of Miana Leaf (<i>Coleus Scutellarioides</i> [L] Benth) in Infectious Diseases. <i>Biomedical and Pharmacology Journal</i> , 2020, 13, 1607-1618.	0.2	8
3189	Reduced Leukocyte Infiltration in Absence of Eosinophils Correlates with Decreased Tissue Damage and Disease Susceptibility in I ^h dblGATA Mice during Murine Neurocysticercosis. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004787.	1.3	9
3190	IL-12p40 Deficiency Leads to Uncontrolled <i>Trypanosoma cruzi</i> Dissemination in the Spinal Cord Resulting in Neuronal Death and Motor Dysfunction. <i>PLoS ONE</i> , 2012, 7, e49022.	1.1	13
3191	Iron Is a Sensitive Biomarker for Inflammation in Multiple Sclerosis Lesions. <i>PLoS ONE</i> , 2013, 8, e57573.	1.1	172
3192	Dectin-1 Regulates IL-10 Production via a MSK1/2 and CREB Dependent Pathway and Promotes the Induction of Regulatory Macrophage Markers. <i>PLoS ONE</i> , 2013, 8, e60086.	1.1	81
3193	<i>Pinellia pedatisecta</i> Agglutinin Targets Drug Resistant K562/ADR Leukemia Cells through Binding with Sarcolemmal Membrane Associated Protein and Enhancing Macrophage Phagocytosis. <i>PLoS ONE</i> , 2013, 8, e74363.	1.1	16
3194	HDL Induces the Expression of the M2 Macrophage Markers Arginase 1 and Fizz-1 in a STAT6-Dependent Process. <i>PLoS ONE</i> , 2013, 8, e74676.	1.1	84
3195	Cytokine Induced Phenotypic and Epigenetic Signatures Are Key to Establishing Specific Macrophage Phenotypes. <i>PLoS ONE</i> , 2013, 8, e78045.	1.1	147

#	ARTICLE	IF	CITATIONS
3196	M2 Macrophages Activate WNT Signaling Pathway in Epithelial Cells: Relevance in Ulcerative Colitis. PLoS ONE, 2013, 8, e78128.	1.1	104
3197	Activation of Olfactory Receptors on Mouse Pulmonary Macrophages Promotes Monocyte Chemotactic Protein-1 Production. PLoS ONE, 2013, 8, e80148.	1.1	32
3198	Macrophage Polarisation: an Immunohistochemical Approach for Identifying M1 and M2 Macrophages. PLoS ONE, 2013, 8, e80908.	1.1	460
3199	IL-4/IL-13-Dependent and Independent Expression of miR-124 and Its Contribution to M2 Phenotype of Monocytic Cells in Normal Conditions and during Allergic Inflammation. PLoS ONE, 2013, 8, e81774.	1.1	154
3200	Docosahexaenoic Acid Decreases Pro-Inflammatory Mediators in an In Vitro Murine Adipocyte Macrophage Co-Culture Model. PLoS ONE, 2014, 9, e85037.	1.1	54
3201	Btk Regulates Macrophage Polarization in Response to Lipopolysaccharide. PLoS ONE, 2014, 9, e85834.	1.1	109
3202	NAMPT-Mediated Salvage Synthesis of NAD ⁺ Controls Morphofunctional Changes of Macrophages. PLoS ONE, 2014, 9, e97378.	1.1	38
3203	Exendin-4 Reduces Ischemic Brain Injury in Normal and Aged Type 2 Diabetic Mice and Promotes Microglial M2 Polarization. PLoS ONE, 2014, 9, e103114.	1.1	80
3204	Expression and Contributions of TRPM7 and KCa2.3/SK3 Channels to the Increased Migration and Invasion of Microglia in Anti-Inflammatory Activation States. PLoS ONE, 2014, 9, e106087.	1.1	59
3205	Induction of Murine Macrophage M2 Polarization by Cigarette Smoke Extract via the JAK2/STAT3 Pathway. PLoS ONE, 2014, 9, e107063.	1.1	79
3206	Extracellular Mycobacterial DnaK Polarizes Macrophages to the M2-Like Phenotype. PLoS ONE, 2014, 9, e113441.	1.1	23
3207	Upregulation of Stromal Cell-Derived Factor 1 (SDF-1) is Associated with Macrophage Infiltration in Renal Ischemia-Reperfusion Injury. PLoS ONE, 2014, 9, e114564.	1.1	27
3208	The Assembly of EDC4 and Dcp1a into Processing Bodies Is Critical for the Translational Regulation of IL-6. PLoS ONE, 2015, 10, e0123223.	1.1	18
3209	Macrophage Polarization Reflects T Cell Composition of Tumor Microenvironment in Pediatric Classical Hodgkin Lymphoma and Has Impact on Survival. PLoS ONE, 2015, 10, e0124531.	1.1	56
3210	Favorable Alteration of Tumor Microenvironment by Immunomodulatory Cytokines for Efficient T-Cell Therapy in Solid Tumors. PLoS ONE, 2015, 10, e0131242.	1.1	38
3211	CD73 Activity is Dispensable for the Polarization of M2 Macrophages. PLoS ONE, 2015, 10, e0134721.	1.1	25
3212	Metformin Reduces Desmoplasia in Pancreatic Cancer by Reprogramming Stellate Cells and Tumor-Associated Macrophages. PLoS ONE, 2015, 10, e0141392.	1.1	110
3213	IL4I1 Is a Novel Regulator of M2 Macrophage Polarization That Can Inhibit T Cell Activation via L-Tryptophan and Arginine Depletion and IL-10 Production. PLoS ONE, 2015, 10, e0142979.	1.1	90

#	ARTICLE	IF	CITATIONS
3214	CDDO-Me Redirects Activation of Breast Tumor Associated Macrophages. PLoS ONE, 2016, 11, e0149600.	1.1	30
3215	Cardiosphere-Derived Cells Facilitate Heart Repair by Modulating M1/M2 Macrophage Polarization and Neutrophil Recruitment. PLoS ONE, 2016, 11, e0165255.	1.1	32
3216	Liver Monocytes and Kupffer Cells Remain Transcriptionally Distinct during Chronic Viral Infection. PLoS ONE, 2016, 11, e0166094.	1.1	7
3217	Substance P Induces HO-1 Expression in RAW 264.7 Cells Promoting Switch towards M2-Like Macrophages. PLoS ONE, 2016, 11, e0167420.	1.1	32
3218	The Anti-Oxidant Ergothioneine Augments the Immunomodulatory Function of TLR Agonists by Direct Action on Macrophages. PLoS ONE, 2017, 12, e0169360.	1.1	21
3219	Negative Immune Regulator TIPE2 Promotes M2 Macrophage Differentiation through the Activation of PI3K-AKT Signaling Pathway. PLoS ONE, 2017, 12, e0170666.	1.1	34
3220	Modulation of functional characteristics of resident and thioglycollate-elicited peritoneal murine macrophages by a recombinant banana lectin. PLoS ONE, 2017, 12, e0172469.	1.1	6
3221	Impact of human monocyte and macrophage polarization on NLR expression and NLRP3 inflammasome activation. PLoS ONE, 2017, 12, e0175336.	1.1	136
3222	Mycobacteria induce TPL-2 mediated IL-10 in IL-4-generated alternatively activated macrophages. PLoS ONE, 2017, 12, e0179701.	1.1	7
3223	Morphologic, phenotypic, and transcriptomic characterization of classically and alternatively activated canine blood-derived macrophages in vitro. PLoS ONE, 2017, 12, e0183572.	1.1	57
3224	The macrophage marker translocator protein (TSPO) is down-regulated on pro-inflammatory $\alpha\text{-M1}\alpha^{\text{TM}}$ human macrophages. PLoS ONE, 2017, 12, e0185767.	1.1	59
3225	CD8 signaling in microglia/macrophage M1 polarization in a rat model of cerebral ischemia. PLoS ONE, 2018, 13, e0186937.	1.1	47
3226	Highly aggressive rat prostate tumors rapidly precondition regional lymph nodes for subsequent metastatic growth. PLoS ONE, 2017, 12, e0187086.	1.1	3
3227	Apoptosis inhibitor of macrophage depletion decreased M1 macrophage accumulation and the incidence of cardiac rupture after myocardial infarction in mice. PLoS ONE, 2017, 12, e0187894.	1.1	23
3228	Jagged1 Instructs Macrophage Differentiation in Leprosy. PLoS Pathogens, 2016, 12, e1005808.	2.1	32
3229	ISG15 governs mitochondrial function in macrophages following vaccinia virus infection. PLoS Pathogens, 2017, 13, e1006651.	2.1	75
3230	NMAAP1 Expressed in BCG-Activated Macrophage Promotes M1 Macrophage Polarization. Molecules and Cells, 2015, 38, 886-894.	1.0	15
3231	Macrophage as a mediator of immune response: Sustenance of immune homeostasis. Macrophage, 0, , .	1.0	5

#	ARTICLE	IF	CITATIONS
3232	Developing Extracellular Matrix Technology to Treat Retinal or Optic Nerve Injury. <i>ENeuro</i> , 2015, 2, ENEURO.0077-15.2015.	0.9	21
3233	Is there an immune modulating role for follicular fluid in endometriosis? A narrative review. <i>Reproduction</i> , 2020, 159, R45-R54.	1.1	20
3234	Role of Inflammation in Polycystic Kidney Disease. , 0, , 335-373.		19
3235	Myelopoiesis, metabolism and therapy: a crucial crossroads in cancer progression. <i>Cell Stress</i> , 2019, 3, 284-294.	1.4	40
3236	The Role of Macrophage in the Pathogenesis of Brain Arteriovenous Malformation. <i>International Journal of Hematology Research</i> , 2015, 1, 52-56.	0.2	10
3237	Tumor-associated macrophages, multi-tasking cells in the cancer landscape. <i>Cancer Research Frontiers</i> , 2015, 1, 149-161.	0.2	7
3238	Macrophage Function in Allergic and Autoimmune Responses. <i>Journal of Physical Therapy and Health Promotion</i> , 2013, 1, 36-45.	0.2	1
3239	Molecular interactions between tumor and its microenvironment in malignant gliomas. <i>Postepy Biochemii</i> , 2018, 64, 129-140.	0.5	3
3240	Long-term intake of <i>Lactobacillus paracasei</i> KW3110 prevents age-related chronic inflammation and retinal cell loss in physiologically aged mice. <i>Aging</i> , 2018, 10, 2723-2740.	1.4	35
3241	TRIM59 loss in M2 macrophages promotes melanoma migration and invasion by upregulating MMP-9 and Madcam1. <i>Aging</i> , 2019, 11, 8623-8641.	1.4	24
3242	Dexmedetomidine inhibits LPS-induced proinflammatory responses via suppressing HIF1 α -dependent glycolysis in macrophages. <i>Aging</i> , 2020, 12, 9534-9548.	1.4	12
3243	A 12-immune cell signature to predict relapse and guide chemotherapy for stage II colorectal cancer. <i>Aging</i> , 2020, 12, 18363-18383.	1.4	4
3244	Bone marrow mesenchymal stem cell-derived exosomes prevent osteoarthritis by regulating synovial macrophage polarization. <i>Aging</i> , 2020, 12, 25138-25152.	1.4	84
3245	Up-regulation of circRNA-0003528 promotes mycobacterium tuberculosis associated macrophage polarization via down-regulating miR-224-5p, miR-324-5p and miR-488-5p and up-regulating CTLA4. <i>Aging</i> , 2020, 12, 25658-25672.	1.4	24
3246	Decreased expression of JAK1 associated with immune infiltration and poor prognosis in lung adenocarcinoma. <i>Aging</i> , 2021, 13, 2073-2088.	1.4	7
3247	CD64-directed microtubule associated protein tau kills leukemic blasts <i>ex vivo</i> . <i>Oncotarget</i> , 2016, 7, 67166-67174.	0.8	10
3248	The transcriptional signature of human ovarian carcinoma macrophages is associated with extracellular matrix reorganization. <i>Oncotarget</i> , 2016, 7, 75339-75352.	0.8	79
3249	Friend or foe: the dichotomous impact of T cells on neuro-de/re-generation during aging. <i>Oncotarget</i> , 2017, 8, 7116-7137.	0.8	31

#	ARTICLE	IF	CITATIONS
3250	M2 polarization of macrophages facilitates arsenic-induced cell transformation of lung epithelial cells. <i>Oncotarget</i> , 2017, 8, 21398-21409.	0.8	27
3251	Interleukin-13 reduces cardiac injury and prevents heart dysfunction in viral myocarditis via enhanced M2 macrophage polarization. <i>Oncotarget</i> , 2017, 8, 99495-99503.	0.8	18
3252	Modulation of cabozantinib efficacy by the prostate tumor microenvironment. <i>Oncotarget</i> , 2017, 8, 87891-87902.	0.8	14
3253	A porcine placental extract prevents steatohepatitis by suppressing activation of macrophages and stellate cells in mice. <i>Oncotarget</i> , 2018, 9, 15047-15060.	0.8	14
3254	IL-6 influences the polarization of macrophages and the formation and growth of colorectal tumor. <i>Oncotarget</i> , 2018, 9, 17443-17454.	0.8	81
3255	Norepinephrine promotes tumor microenvironment reactivity through β_3 -adrenoreceptors during melanoma progression. <i>Oncotarget</i> , 2015, 6, 4615-4632.	0.8	82
3256	Deregulation of PPAR α target genes in tumor-associated macrophages by fatty acid ligands in the ovarian cancer microenvironment. <i>Oncotarget</i> , 2015, 6, 13416-13433.	0.8	84
3257	MCP-1: a key player in macrophage polarization. <i>Oncotarget</i> , 2015, 6, 28531-28532.	0.8	7
3258	Glucocorticoid-induced leucine zipper (GILZ) in immuno suppression: master regulator or bystander?. <i>Oncotarget</i> , 2015, 6, 38446-38457.	0.8	25
3259	The oncolytic virus Δ 922-947 reduces IL-8/CXCL8 and MCP-1/CCL2 expression and impairs angiogenesis and macrophage infiltration in anaplastic thyroid carcinoma. <i>Oncotarget</i> , 2016, 7, 1500-1515.	0.8	58
3260	CCL2-CCR2 axis promotes metastasis of nasopharyngeal carcinoma by activating ERK1/2-MMP2/9 pathway. <i>Oncotarget</i> , 2016, 7, 15632-15647.	0.8	46
3261	HCV core protein binds to gC1qR to induce A20 expression and inhibit cytokine production through MAPKs and NF- κ B signaling pathways. <i>Oncotarget</i> , 2016, 7, 33796-33808.	0.8	27
3262	Targeting tumor-associated macrophages to combat pancreatic cancer. <i>Oncotarget</i> , 2016, 7, 50735-50754.	0.8	73
3263	Zoledronic acid impairs stromal reactivity by inhibiting M2-macrophages polarization and prostate cancer-associated fibroblasts. <i>Oncotarget</i> , 2017, 8, 118-132.	0.8	52
3264	TREM-1 low is a novel characteristic for tumor-associated macrophages in lung cancer. <i>Oncotarget</i> , 2016, 7, 40508-40517.	0.8	8
3265	An association between mitochondria and microglia effector function: what do we think we know?. <i>Neuroimmunology and Neuroinflammation</i> , 2020, 2020, 150-165.	1.4	10
3266	Extracellular ubiquitin inhibits the apoptosis of hepatoma cells via the involvement of macrophages. <i>Translational Cancer Research</i> , 2020, 9, 2855-2864.	0.4	3
3267	Intranasal Delivery of Bone Marrow Stromal Cells Preconditioned with Fasudil to Treat a Mouse Model of Parkinson's Disease. <i>Neuropsychiatric Disease and Treatment</i> , 2020, Volume 16, 249-262.	1.0	11

#	ARTICLE	IF	CITATIONS
3268	Tanshinone IIA Promotes M2 Microglia by ER α /IL-10 Pathway and Attenuates Neuronal Loss in Mouse TBI Model. <i>Neuropsychiatric Disease and Treatment</i> , 2020, Volume 16, 3239-3250.	1.0	11
3269	THE ROLE OF TUMOR-ASSOCIATED MACROPHAGES IN THE PATHOGENESIS OF ORAL SQUAMOUS CELL CARCINOMA CORRELATED WITH THE CLINICOPATHOLOGICAL PARAMETERS. <i>Alexandria Dental Journal: ADJ</i> , 2020, .	0.1	1
3270	Targeting Microglial Activation in Stroke Therapy: Pharmacological Tools and Gender Effects. <i>Current Medicinal Chemistry</i> , 2014, 21, 2146-2155.	1.2	69
3271	Functional Roles of the Ca ²⁺ -activated K ⁺ Channel, KCa3.1, in Brain Tumors. <i>Current Neuropharmacology</i> , 2018, 16, 636-643.	1.4	15
3272	Use of Hemoglobin for Delivering Exogenous Carbon Monoxide in Medicinal Applications. <i>Current Medicinal Chemistry</i> , 2020, 27, 2949-2963.	1.2	9
3273	Medicinal Plants As Natural Polarizers of Macrophages: Phytochemicals and Pharmacological Effects. <i>Current Pharmaceutical Design</i> , 2019, 25, 3225-3238.	0.9	14
3274	Epigenetic Modification in Macrophages: A Promising Target for Tumor and Inflammation-associated Disease Therapy. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 1350-1362.	1.0	17
3275	Double-crosser of the Immune System: Macrophages in Tumor Progression and Metastasis. <i>Current Immunology Reviews</i> , 2019, 15, 172-184.	1.2	51
3276	Immune Suppression by Myeloid Cells in HIV Infection: New Targets for Immunotherapy. <i>Open AIDS Journal</i> , 2014, 8, 66-78.	0.1	18
3277	Immune Evasion Strategies of Pathogens in Macrophages: the Potential for Limiting Pathogen Transmission. <i>Current Issues in Molecular Biology</i> , 2017, , .	1.0	10
3278	Suppression of Experimental Arthritis through AMP-Activated Protein Kinase Activation and Autophagy Modulation. <i>Journal of Rheumatic Diseases and Treatment</i> , 2015, 1, 5.	0.1	65
3279	Specific function and modulation of teleost monocytes/macrophages: polarization and phagocytosis. <i>Zoological Research</i> , 2019, 40, 146-150.	0.9	46
3280	Tumor-associated macrophages as treatment targets in glioma. <i>Brain Science Advances</i> , 2020, 6, 306-323.	0.3	9
3281	Pathophysiology of chronic rhinosinusitis, pharmaceutical therapy options. <i>GMS Current Topics in Otorhinolaryngology, Head and Neck Surgery</i> , 2015, 14, Doc09.	0.8	23
3282	Comparison of the Effects of Leishmania Soluble Antigen (LSA) and Lipopolysaccharide (LPS) on C57BL/6 Mice Macrophage Function. <i>Immunoregulation</i> , 0, , 39-44.	0.1	1
3283	Crosstalk Between Hypoxia and ER Stress Response: A Key Regulator of Macrophage Polarization. <i>Frontiers in Immunology</i> , 2019, 10, 2951.	2.2	77
3284	Profile of Histone H3 Lysine 4 Trimethylation and the Effect of Lipopolysaccharide/Immune Complex-Activated Macrophages on Endotoxemia. <i>Frontiers in Immunology</i> , 2019, 10, 2956.	2.2	13
3285	Adult mouse model of early hepatocellular carcinoma promoted by alcoholic liver disease. <i>World Journal of Gastroenterology</i> , 2016, 22, 4091.	1.4	33

#	ARTICLE	IF	CITATIONS
3286	Presepsin teardown - pitfalls of biomarkers in the diagnosis and prognosis of bacterial infection in cirrhosis. <i>World Journal of Gastroenterology</i> , 2016, 22, 9172.	1.4	18
3287	Natural products that target macrophages in treating non-alcoholic steatohepatitis. <i>World Journal of Gastroenterology</i> , 2020, 26, 2155-2165.	1.4	6
3288	Hypoxia modifies the polarization of macrophages and their inflammatory microenvironment, and inhibits malignant behavior in cancer cells. <i>Oncology Letters</i> , 2019, 18, 5871-5878.	0.8	57
3289	Immune disorder in endometrial cancer: Immunosuppressive microenvironment, mechanisms of immune evasion and immunotherapy (Review). <i>Oncology Letters</i> , 2020, 20, 2075-2090.	0.8	10
3290	Exosomes derived from retinoblastoma cells enhance tumour deterioration by infiltrating the microenvironment. <i>Oncology Reports</i> , 2020, 45, 278-290.	1.2	14
3291	Oxidative stress, innate immunity, and age-related macular degeneration. <i>AIMS Molecular Science</i> , 2016, 3, 196-221.	0.3	139
3292	Role of pro-inflammatory cytokines released from microglia in Alzheimer's disease. <i>Annals of Translational Medicine</i> , 2015, 3, 136.	0.7	593
3293	Therapeutic Administration of IL-10 and Amphiregulin Alleviates Chronic Skeletal Muscle Inflammation and Damage Induced by Infection. <i>ImmunoHorizons</i> , 2018, 2, 142-154.	0.8	28
3294	Spinal cord contusion. <i>Neural Regeneration Research</i> , 2014, 9, 789.	1.6	24
3295	Ubiquitin E3 Ligase Pellino-1 Inhibits IL-10-mediated M2c Polarization of Macrophages, Thereby Suppressing Tumor Growth. <i>Immune Network</i> , 2019, 19, e32.	1.6	16
3296	Systemic Buffers in Cancer Therapy: The Example of Sodium Bicarbonate; Stupid Idea or Wise Remedy?. , 2015, 5, .		10
3297	Effect of Static Magnetic Fields on Proliferation and Apoptosis of Gallbladder Cancer Cells: An in vitro and in vivo study. <i>Journal of Liver</i> , 2018, 07, .	0.3	1
3298	Targeting inflammation in pancreatic cancer: Clinical translation. <i>World Journal of Gastrointestinal Oncology</i> , 2016, 8, 380.	0.8	19
3299	Role of mesenchymal stem cell derived extracellular vesicles in autoimmunity: A systematic review. <i>World Journal of Stem Cells</i> , 2020, 12, 879-896.	1.3	26
3300	Chemokines and their receptors play important roles in the development of hepatocellular carcinoma. <i>World Journal of Hepatology</i> , 2015, 7, 1390.	0.8	38
3301	Immunobiology of hepatocarcinogenesis: Ways to go or almost there?. <i>World Journal of Gastrointestinal Pathophysiology</i> , 2016, 7, 242.	0.5	12
3302	Mechanisms of the alternative activation of macrophages and non-coding RNAs in the development of radiation-induced lung fibrosis. <i>World Journal of Biological Chemistry</i> , 2016, 7, 231.	1.7	42
3303	Interleukin-1 β and Tumor Necrosis Factor- α Synergistically Induce Expression of Colony Stimulating Factors in Synovial Fibroblasts from the Human Temporomandibular Joint. <i>International Journal of Oral-Medical Sciences</i> , 2017, 15, 74-84.	0.2	1

#	ARTICLE	IF	CITATIONS
3304	Transduced Tat-CIAPIN1 reduces the inflammatory response on LPS- and TPA-induced damages. BMB Reports, 2019, 52, 695-699.	1.1	8
3305	Metabolic influence on macrophage polarization and pathogenesis. BMB Reports, 2019, 52, 360-372.	1.1	136
3306	Monocyte recruitment and macrophage proliferation in atherosclerosis. Kardiologia Polska, 2014, 72, 311-314.	0.3	6
3307	Macrophage Polarization in Inflammatory Diseases. International Journal of Biological Sciences, 2014, 10, 520-529.	2.6	754
3308	Dendrosomal Curcumin Suppresses Metastatic Breast Cancer in Mice by Changing M1/M2 Macrophage Balance in the Tumor Microenvironment. Asian Pacific Journal of Cancer Prevention, 2015, 16, 3917-3922.	0.5	63
3309	Identification of polarized macrophage subsets in zebrafish. ELife, 2015, 4, e07288.	2.8	246
3310	Pivotal role for skin transendothelial radio-resistant anti-inflammatory macrophages in tissue repair. ELife, 2016, 5, .	2.8	34
3311	Pro-inflammatory response ensured by LPS and Pam3CSK4 in RAW 264.7 cells did not improve a fungistatic effect on <i>Cryptococcus gattii</i> infection. PeerJ, 2020, 8, e10295.	0.9	9
3312	LPS- or <i>Pseudomonas aeruginosa</i> -mediated activation of the macrophage TLR4 signaling cascade depends on membrane lipid composition. PeerJ, 2016, 4, e1663.	0.9	26
3313	Characterization of adipose tissue macrophages and adipose-derived stem cells in critical wounds. PeerJ, 2017, 5, e2824.	0.9	10
3314	Representing Tumor-Associated Macrophages as the Angiogenesis and Tumor Microenvironment Regulator. Modern Medical Laboratory Journal, 2021, 4, 52-67.	0.2	0
3315	Liposomal honokiol inhibits glioblastoma growth through regulating macrophage polarization. Annals of Translational Medicine, 2021, 9, 1644-1644.	0.7	9
3316	Meniscus regeneration with injectable Pluronic/PMMA-reinforced fibrin hydrogels in a rabbit segmental meniscectomy model. Journal of Tissue Engineering, 2021, 12, 204173142110501.	2.3	17
3317	Two step promotion of a hot tumor immune environment by gold decorated iron oxide nanoflowers and light-triggered mild hyperthermia. Nanoscale, 2021, 13, 18483-18497.	2.8	11
3318	Tumormicroenvironment. Springer Reference Medizin, 2021, , 1-7.	0.0	0
3319	Inflammation from the Standpoint of Leukocytes. , 2021, , 19-43.		0
3320	Two ST11 <i>Klebsiella pneumoniae</i> strains exacerbate colorectal tumorigenesis in a colitis-associated mouse model. Gut Microbes, 2021, 13, 1980348.	4.3	12
3321	NK Cells in the Tumor Microenvironment as New Potential Players Mediating Chemotherapy Effects in Metastatic Melanoma. Frontiers in Oncology, 2021, 11, 754541.	1.3	16

#	ARTICLE	IF	CITATIONS
3322	Safflower Polysaccharide Inhibits AOM/DSS-Induced Mice Colorectal Cancer Through the Regulation of Macrophage Polarization. <i>Frontiers in Pharmacology</i> , 2021, 12, 761641.	1.6	4
3323	Rosiglitazone Suppresses Renal Crystal Deposition by Ameliorating Tubular Injury Resulted from Oxidative Stress and Inflammatory Response via Promoting the Nrf2/HO-1 Pathway and Shifting Macrophage Polarization. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-19.	1.9	21
3324	Targeting Tumor-Associated Macrophages in Cancer Immunotherapy. <i>Cancers</i> , 2021, 13, 5318.	1.7	26
3325	Treadmill Exercise Attenuates Cerebral Ischemiaâ€“Reperfusion Injury by Promoting Activation of M2 Microglia via Upregulation of Interleukin-4. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 735485.	1.1	12
3326	Phagosome maturation in macrophages: Eat, digest, adapt, and repeat. <i>Advances in Biological Regulation</i> , 2021, 82, 100832.	1.4	24
3327	Microglia Phenotype and Intracerebral Hemorrhage: A Balance of Yin and Yang. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 765205.	1.8	13
3328	Progesterone alters the activation and typing of the microglia in the optic nerve crush model. <i>Experimental Eye Research</i> , 2021, 212, 108805.	1.2	2
3329	Macrophage Identification In Situ. <i>Biomedicines</i> , 2021, 9, 1393.	1.4	10
3330	Lactobacillus reuteri Alleviates Gastrointestinal Toxicity of Rituximab by Regulating the Proinflammatory T Cells in vivo. <i>Frontiers in Microbiology</i> , 2021, 12, 645500.	1.5	5
3331	The Gene Signature of Activated M-CSF-Primed Human Monocyte-Derived Macrophages Is IL-10-Dependent. <i>Journal of Innate Immunity</i> , 2022, 14, 243-256.	1.8	12
3332	Assessing Macrophage Polarization in Nanoparticle-Guided Wound Repair Using a Lipopolysaccharide Contaminated Intraosseous Model. <i>Journal of Endodontics</i> , 2022, 48, 109-116.	1.4	5
3333	An Enriched Environment Alters DNA Repair and Inflammatory Responses After Radiation Exposure. <i>Frontiers in Immunology</i> , 2021, 12, 760322.	2.2	3
3334	Integration and functional performance of a decellularised porcine superflexor tendon graft in an ovine model of anterior cruciate ligament reconstruction. <i>Biomaterials</i> , 2021, 279, 121204.	5.7	8
3335	Genomic and epigenomic adaptation in SP-R210 (Myo18A) isoform-deficient macrophages. <i>Immunobiology</i> , 2021, 226, 152150.	0.8	3
3336	Macrophages as Emerging Key Players in Mitochondrial Transfers. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 747377.	1.8	17
3337	CSF1R Inhibition Combined with GM-CSF Reprograms Macrophages and Disrupts Protumoral Interplays with AML Cells. <i>Cancers</i> , 2021, 13, 5289.	1.7	4
3338	S100A9 Activates the Immunosuppressive Switch Through the PI3K/Akt Pathway to Maintain the Immune Suppression Function of Testicular Macrophages. <i>Frontiers in Immunology</i> , 2021, 12, 743354.	2.2	13
3339	Footprints of microRNAs in Cancer Biology. <i>Biomedicines</i> , 2021, 9, 1494.	1.4	10

#	ARTICLE	IF	CITATIONS
3342	XBP1 regulates the protumoral function of tumor-associated macrophages in human colorectal cancer. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 357.	7.1	30
3343	Head and neck tumor cells treated with hypofractionated irradiation die via apoptosis and are better taken up by M1-like macrophages. <i>Strahlentherapie Und Onkologie</i> , 2022, 198, 171-182.	1.0	8
3344	Significance of Macrophage Subtypes in the Peripheral Blood of Children with Systemic Juvenile Idiopathic Arthritis. <i>Rheumatology and Therapy</i> , 2021, 8, 1859-1870.	1.1	7
3345	Role of PKM2-Mediated Immunometabolic Reprogramming on Development of Cytokine Storm. <i>Frontiers in Immunology</i> , 2021, 12, 748573.	2.2	20
3346	Metabolic Pathways in Immune Cells Commitment and Fate. , 2022, , 53-82.		0
3347	Targeting interferon- β in hyperinflammation: opportunities and challenges. <i>Nature Reviews Rheumatology</i> , 2021, 17, 678-691.	3.5	57
3348	Classical Dichotomy of Macrophages and Alternative Activation Models Proposed with Technological Progress. <i>BioMed Research International</i> , 2021, 2021, 1-10.	0.9	2
3349	Riclinoctaose Attenuates Renal Ischemia-Reperfusion Injury by the Regulation of Macrophage Polarization. <i>Frontiers in Pharmacology</i> , 2021, 12, 745425.	1.6	3
3350	Macrophages in heterotopic ossification: from mechanisms to therapy. <i>Npj Regenerative Medicine</i> , 2021, 6, 70.	2.5	44
3351	Amphiphilic galactomannan nanoparticles trigger the alternative activation of murine macrophages. <i>Journal of Controlled Release</i> , 2021, 339, 473-483.	4.8	15
3352	Interleukin-4-carrying small extracellular vesicles with a high potential as anti-inflammatory therapeutics based on modulation of macrophage function. <i>Biomaterials</i> , 2021, 278, 121160.	5.7	16
3353	Jararhagin-C, a disintegrin-like protein, improves wound healing in mice through stimulation of M2-like macrophage, angiogenesis and collagen deposition. <i>International Immunopharmacology</i> , 2021, 101, 108224.	1.7	4
3354	Anemoside A3 activates TLR4-dependent M1-phenotype macrophage polarization to represses breast tumor growth and angiogenesis. <i>Toxicology and Applied Pharmacology</i> , 2021, 432, 115755.	1.3	12
3356	Mechanisms of Macrophage Migration in 3-Dimensional Environments. , 2013, , 1-13.		0
3357	Programming of MDSC: New Opportunities for Targeted Therapy. , 2013, , 567-584.		0
3358	Macrophage Polarization in Metabolism and Metabolic Disease. <i>Indonesian Biomedical Journal</i> , 2013, 5, 81.	0.2	0
3359	Cancer Immune Modulation and Immunosuppressive Cells: Current and Future Therapeutic Approaches. <i>Advances in Delivery Science and Technology</i> , 2014, , 187-214.	0.4	1
3360	Vascular Modulatory Functions of Macrophages. , 2014, , 131-168.		0

#	ARTICLE	IF	CITATIONS
3361	Allergic and Immunological Disorders. Oxidative Stress in Applied Basic Research and Clinical Practice, 2014, , 255-270.	0.4	0
3362	Macrophage in Enthesis: A Likely Contributing Factor to Enthesitis through IL-23 in Ankylosing Spondylitis. Rheumatology (Sunnyvale, Calif), 2014, S4, .	0.3	0
3363	Adipose Tissue and Endocrine Function in Critical Care. , 2014, , 1-14.		0
3364	Tumor-Associated Macrophages. , 2014, , 425-443.		1
3365	Polarization of Tumor Milieu: Therapeutic Implications. , 2015, , 401-408.		3
3366	Tumor-Associated Macrophages in Tumor Progression: From Bench to Bedside. , 2015, , 99-111.		0
3367	How Noncoding RNAs Contribute to Macrophage Polarization. , 2015, , 59-84.		2
3368	Adipose Tissue and Endocrine Function in Critical Care. , 2015, , 119-129.		0
3369	Macrophage Heterogeneity During Inflammation. , 2015, , 1-10.		0
3371	Tumour Angiogenesis. , 2015, , 47-62.		0
3372	Polarization of Tumor Infiltrating Leukocytes from Innate Immunity and their role in the Pro-angiogenic Phenotype in NSCLC. Journal of Clinical & Cellular Immunology, 2015, 06, .	1.5	0
3373	Modulation of Innate Immune Response for Tissue Engineering. Biosystems and Biorobotics, 2016, , 157-174.	0.2	0
3376	Assessing the Impact of BCG Vaccine and Fertile Hydatid Cyst Fluid in Classical and Alternative Macrophage Polarization. Research Journal of Microbiology, 2015, 10, 600-606.	0.2	0
3377	Neuroendocrine Peptides. , 2016, , 432-437.		0
3378	A Reparative Role for Macrophages in Kidney Disease. , 2016, , 417-426.		0
3379	Innate Immunity and the Liver. , 2016, , 3-24.		1
3380	The Effects of Chronic Hypoxia on Inflammation and Pulmonary Vascular Function. , 2016, , 83-103.		1
3381	Differential Effects of Alternative Glycoforms of IgG on Human Monocytes and Macrophages: Sialylated IgG Induces Novel Expression Signatures of Cell Surface Markers, Cytokines, and Chemokines. Open Journal of Immunology, 2016, 06, 49-62.	0.5	0

#	ARTICLE	IF	CITATIONS
3382	Mechanisms of Macrophage Migration in 3-Dimensional Environments. , 2016, , 916-926.		0
3383	Secondary Alterations of Hepatocellular Carcinoma. , 2016, , 1-29.		0
3384	Alpha1-antitrypsin, an endogenous immunoregulatory molecule: distinction between local and systemic effects on tumor immunology. Integrative Cancer Science and Therapeutics, 2016, 2, .	0.1	1
3385	STATs in Health and Disease. Cancer Drug Discovery and Development, 2016, , 1-32.	0.2	0
3387	Cortical Plasticity in Response to Injury and Disease. , 2017, , 37-56.		2
3388	Epigenetic Regulation of Myeloid Cells. , 0, , 571-590.		1
3389	Nonmelanoma Skin Cancer Actinic Keratosis and Squamous Cell Carcinoma. , 2017, , 23-39.		0
3390	Prospects for bovine production disease control based on the mucosal immunity and innate immune system : From the respiratory mucosal defense and alveolar macrophage dynamics. Japanese Journal of Large Animal Clinics, 2017, 7, 217-224.	0.1	0
3392	Modelling of macrophage interactions by partial differential equations. Malaysian Journal of Fundamental and Applied Sciences, 2017, 13, .	0.4	0
3397	The Liver as an Immune Organ. , 2018, , 66-76.e5.		1
3398	Clinically translatable nanotheranostic platforms for peripheral nerve regeneration: design with outcome in mind. , 2018, , .		0
3399	Effects of Exercise Training on SOCS3 and IL15 Protein Expression in Anterior Tibial Skeletal Muscle and Hippocampus in aged rat.. Korean Journal of Sport Studies, 2018, 57, 559-571.	0.1	0
3400	M2-polarized macrophages contribute to neovasculogenesis, leading to recurrence of oral cancer after radiation. Nihon Koku Geka Gakkai Zasshi, 2018, 64, 307-320.	0.0	0
3404	Tumour Angiogenesis. , 2019, , 55-76.		0
3407	Anti-interferon- β Therapy for Cytokine Storm Syndromes. , 2019, , 569-580.		0
3408	Ultrastructure of Liver Metastases from Colon Adenocarcinomas. Journal of Pathology and Infectious Diseases, 2019, 2, .	0.0	0
3409	Tumor associated macrophages: current research and perspectives of clinical use. Uspehi Molekularnoj Onkologii, 2019, 5, 20-28.	0.1	1
3410	Stromal Barriers Within the Tumor Microenvironment and Obstacles to Nanomedicine. , 2019, , 57-89.		3

#	ARTICLE	IF	CITATIONS
3412	Epidemiological Trends and Current Challenges in Ebola: Pathogen Biology, Drug Targets, and Therapeutic Strategies. , 2019, , 251-282.		0
3413	Relationship Between Specialized Pro-resolving Mediators and Inflammatory Markers in Chronic Cardiac Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1161, 37-44.	0.8	0
3418	Itraconazole Promotes Macrophage M1 Polarization and Phagocytic Capacity of Macrophage to <i>Candida Albicans</i> . <i>International Journal of Dermatology and Venereology</i> , 2019, 2, 193-201.	0.1	4
3419	Live Imaging of the Skin Immune Responses. , 2020, , 261-272.		0
3420	Autologous Mandril-Based Vascular Grafts. , 2020, , 1-23.		0
3421	Functional polarization of macrophages of rats with progesterone-induced obesity treated with melanin from the Antarctic yeast <i>Nadsoniella nigra</i> . <i>Regulatory Mechanisms in Biosystems</i> , 2020, 10, 538-543.	0.5	0
3425	Immunohistochemical phenotyping of macrophages and T lymphocytes infiltrating in peripheral nerve lesions of dourine-affected horses. <i>Journal of Veterinary Medical Science</i> , 2020, 82, 1502-1505.	0.3	2
3426	Prognostic Value of Innate and Adaptive Immunity in Cancers. , 2020, , 403-415.		0
3429	Modulation of the secretion of mesenchymal stem cell immunoregulatory factors by hydrolyzed fish collagen. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 375-384.	0.8	3
3430	M2-Polarized Macrophages Determine Human Cutaneous Lesions in Lacaziosis. <i>Mycopathologia</i> , 2020, 185, 477-483.	1.3	4
3433	On the Nonspecific Resistance in Burn Injury: Pathophysiological Aspects (Review). <i>Sovremennyye Tehnologii V Medicine</i> , 2020, 12, 84.	0.4	0
3434	M1 and M2 Macrophages Polarization via mTORC1 Influences Innate Immunity and Outcome of Ehrlichia Infection. , 2020, 2, 108-115.		12
3436	Anti-inflammatory and modulatory effects of steroidal saponins and sapogenins on cytokines: A review of pre-clinical research. <i>Phytomedicine</i> , 2022, 96, 153842.	2.3	30
3437	An antiinflammatory Fe_3O_4 porphyrin nanohybrid capable of apoptosis through upregulation of p21 kinase inhibitor having immunoprotective properties under anti-cancer PDT conditions. <i>ChemMedChem</i> , 2021, , .	1.6	5
3438	Functionally Heterogenous Macrophage Subsets in the Pathogenesis of Giant Cell Arteritis: Novel Targets for Disease Monitoring and Treatment. <i>Journal of Clinical Medicine</i> , 2021, 10, 4958.	1.0	15
3439	The J2-Immortalized Murine Macrophage Cell Line Displays Phenotypical and Metabolic Features of Primary BMDMs in Their M1 and M2 Polarization State. <i>Cancers</i> , 2021, 13, 5478.	1.7	6
3440	The Role of Lymphangiogenesis in Coronary Atherosclerosis. <i>Lymphatic Research and Biology</i> , 2021, , .	0.5	5
3441	The Role of Obesity-Induced Perivascular Adipose Tissue (PVAT) Dysfunction in Vascular Homeostasis. <i>Nutrients</i> , 2021, 13, 3843.	1.7	40

#	ARTICLE	IF	CITATIONS
3442	M1-like macrophage contributes to chondrogenesis in vitro. <i>Scientific Reports</i> , 2021, 11, 21307.	1.6	5
3443	The role of systemic inflammatory cells in meningiomas. <i>Neurosurgical Review</i> , 2022, 45, 1205-1215.	1.2	9
3444	Physiological Roles of Apoptotic Cell Clearance: Beyond Immune Functions. <i>Life</i> , 2021, 11, 1141.	1.1	3
3445	Research of the functional activity of immunocompetent brain cells on separate occasions after experimental traumatic brain injury. <i>Ukrainian Neurosurgical Journal</i> , 2020, 26, 20-25.	0.1	0
3446	Rol de la apoptosis en la sepsis. <i>Horizonte MÃ©dico</i> , 2020, 20, e1219.	0.1	0
3447	Sericin modified by gamma irradiation in solution and optimized for bioactivity. <i>Radiation Physics and Chemistry</i> , 2020, 177, 109137.	1.4	0
3448	Hypoxic Transformation of Immune Cell Metabolism Within the Microenvironment of Oral Cancers. <i>Frontiers in Oral Health</i> , 2020, 1, 585710.	1.2	5
3449	Antibiotic-induced gut dysbiosis leads to activation of microglia and impairment of cholinergic gamma oscillations in the hippocampus. <i>Brain, Behavior, and Immunity</i> , 2022, 99, 203-217.	2.0	21
3451	Practical Approaches in M2 Macrophage Biology: Analysis, Pharmacology, and Didactical Interpretation of M2 Macrophage Functions. <i>Agents and Actions Supplements</i> , 2020, , 189-224.	0.2	0
3454	Toll-like receptor 9, a possible blocker of non-alcoholic steatohepatitis?. <i>Clinical and Molecular Hepatology</i> , 2020, 26, 185-186.	4.5	1
3455	Ratio of CD68/CD163 in Breast Carcinoma with and without Axillary Lymph Node Metastatic. <i>Folia Medica Indonesiana</i> , 2020, 56, 19.	0.1	0
3456	Dermatomyositis With Anti-MDA5 Antibodies: Bioclinical Features, Pathogenesis and Emerging Therapies. <i>Frontiers in Immunology</i> , 2021, 12, 773352.	2.2	105
3457	Pharmacological inhibition of BACE1 suppresses glioblastoma growth by stimulating macrophage phagocytosis of tumor cells. <i>Nature Cancer</i> , 2021, 2, 1136-1151.	5.7	41
3458	Cross Talk Between Macrophages and Cancer Cells in the Bone Metastatic Environment. <i>Frontiers in Endocrinology</i> , 2021, 12, 763846.	1.5	11
3459	Interferons in Pain and Infections: Emerging Roles in Neuro-Immune and Neuro-Glial Interactions. <i>Frontiers in Immunology</i> , 2021, 12, 783725.	2.2	36
3460	Single-Cell RNA Sequencing Reveals the Heterogeneity of Tumor-Associated Macrophage in Non-Small Cell Lung Cancer and Differences Between Sexes. <i>Frontiers in Immunology</i> , 2021, 12, 756722.	2.2	35
3461	Monocytes, Macrophages, and Their Potential Niches in Synovial Joints â€“ Therapeutic Targets in Post-Traumatic Osteoarthritis?. <i>Frontiers in Immunology</i> , 2021, 12, 763702.	2.2	34
3462	Global characterization of macrophage polarization mechanisms and identification of M2-type polarization inhibitors. <i>Cell Reports</i> , 2021, 37, 109955.	2.9	89

#	ARTICLE	IF	CITATIONS
3463	Inhibition of MicroRNA-92 alleviates atherogenesis by regulation of macrophage polarization through targeting KLF4. <i>Journal of Cardiology</i> , 2022, 79, 432-438.	0.8	6
3464	Paeoniflorin-loaded pH-sensitive liposomes alleviate synovial inflammation by altering macrophage polarity via STAT signaling. <i>International Immunopharmacology</i> , 2021, 101, 108310.	1.7	10
3465	Circulating C1q levels in health and disease, more than just a biomarker. <i>Molecular Immunology</i> , 2021, 140, 206-216.	1.0	22
3466	The therapeutic potential of C-C chemokine receptor antagonists in nonalcoholic steatohepatitis. <i>Exploration of Medicine</i> , 2020, 1, 170-183.	1.5	4
3468	Acute exacerbations. , 0, , 143-150.		1
3470	Light-independent M1 macrophage polarization by photosensitizer-loaded protein corona on gold nanorods. <i>Nanomedicine</i> , 2020, 15, 2329-2344.	1.7	1
3473	Cell Therapy for Liver Disease: From Promise to Reality. <i>Seminars in Liver Disease</i> , 2020, 40, 411-426.	1.8	2
3474	The Key Role of Macrophages and Monocytes in Spinal Cord Injury: Development of Novel Therapeutic Approaches. <i>The Neuroscience Journal of Shefaye Khatam</i> , 2020, 8, 90-102.	0.4	1
3475	Antibody DDS therapeutics against cancer, inflammatory autoimmune and infectious disease. <i>Drug Delivery System</i> , 2020, 35, 356-366.	0.0	0
3477	Molecular mechanisms and treatment of radiation-induced lung fibrosis. <i>Current Drug Targets</i> , 2013, 14, 1347-56.	1.0	98
3479	The role of tumor-associated macrophages in breast carcinoma invasion and metastasis. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 6656-64.	0.5	38
3480	Macrophages and Alcohol-Related Liver Inflammation. , 2015, 37, 251-62.		40
3481	AAL exacerbates pro-inflammatory response in macrophages by regulating Mincle/Syk/Card9 signaling along with the Nlrp3 inflammasome assembly. <i>American Journal of Translational Research (discontinued)</i> , 2015, 7, 1812-25.	0.0	12
3482	Erythropoietin regulates Treg cells in asthma through TGF β 2 receptor signaling. <i>American Journal of Translational Research (discontinued)</i> , 2015, 7, 2305-15.	0.0	4
3483	Kupffer Cell Metabolism and Function. , 2015, 1, .		48
3484	Therapeutic Targets for Management of Periodontitis and Diabetes. <i>Current Pharmaceutical Design</i> , 2016, 22, 2216-37.	0.9	13
3485	Endoplasmic reticulum stress, a new wrestler, in the pathogenesis of idiopathic pulmonary fibrosis. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 722-735.	0.0	26
3486	Focal adhesion kinase (FAK) deficiency in mononuclear phagocytes alters murine breast tumor progression. <i>American Journal of Cancer Research</i> , 2018, 8, 675-687.	1.4	3

#	ARTICLE	IF	CITATIONS
3487	RAGE at Tumor Microenvironment. Looking at Tumor-associated Macrophages. Chinese Journal of Lung Cancer, 2015, 18, 725-6.	0.7	0
3490	Recruitment of monocytes and epigenetic silencing of intratumoral CYP7B1 primarily contribute to the accumulation of 27-hydroxycholesterol in breast cancer. American Journal of Cancer Research, 2019, 9, 2194-2208.	1.4	9
3491	ITGB3/CD61: a hub modulator and target in the tumor microenvironment. American Journal of Translational Research (discontinued), 2019, 11, 7195-7208.	0.0	14
3492	Human umbilical cord mesenchymal stem cells polarize RAW264.7 macrophages to an anti-inflammatory subpopulation. International Journal of Clinical and Experimental Pathology, 2018, 11, 1446-1452.	0.5	0
3495	Wnt/ β -catenin signaling regulates lipopolysaccharide-altered polarizations of RAW264.7 cells and alveolar macrophages in mouse lungs. European Journal of Inflammation, 2021, 19, 205873922110593.	0.2	0
3496	Micro-Vibration Stimulation Promotes M2 Polarization of Macrophages Beneficial for Osteogenesis Via Activating FAK/P38MAPK and Suppressing Ca ²⁺ /ERK/ p50NF- κ B Signaling Pathways. SSRN Electronic Journal, 0, , .	0.4	0
3497	Microalgal bioactive components as antiinflammatory and antioxidant agents for health promotion. , 2022, , 205-232.		0
3498	Nanomaterials targeting tumor associated macrophages for cancer immunotherapy. Journal of Controlled Release, 2022, 341, 272-284.	4.8	41
3499	Macrophages in endometriosis. , 2022, , 13-41.		0
3500	Chronological age or biological age: What drives the choice of adjuvant treatment in elderly breast cancer patients?. Translational Oncology, 2022, 15, 101300.	1.7	11
3501	Risk factors and pharmacological therapy in patients with vascular disease. , 2022, , 11-24.		0
3502	GPNMB plays an active role in the M1/M2 balance. Tissue and Cell, 2022, 74, 101683.	1.0	6
3503	Human Induced Pluripotent Stem Cell-Derived Macrophages Ameliorate Liver Fibrosis. Stem Cells, 2021, 39, 1701-1717.	1.4	21
3504	Effect of Bacteriophage-Derived Double Stranded RNA on Rat Peritoneal Macrophages and Microglia in Normoxia and Hypoxia. Proceedings of the Latvian Academy of Sciences, 2021, 75, 343-349.	0.0	2
3505	Targeting monocytes/macrophages in fibrosis and cancer diseases: Therapeutic approaches. , 2022, 234, 108031.		17
3506	Tyrosine kinase nonreceptor 1 (TNK1) knockdown ameliorates hemorrhage shock-induced kidney injury via inhibiting macrophage M1 polarization. 3 Biotech, 2021, 11, 501.	1.1	1
3508	Lactate supports a metabolic-epigenetic link in macrophage polarization. Science Advances, 2021, 7, eabi8602.	4.7	70
3509	Macrophages in Microbial Pathogenesis: Commonalities of Defense Evasion Mechanisms. Infection and Immunity, 2022, 90, IA10029121.	1.0	5

#	ARTICLE	IF	CITATIONS
3528	Crosstalk between Microglia and Neurons in Neurotrauma: An Overview of the Underlying Mechanisms. <i>Current Neuropharmacology</i> , 2022, 20, 2050-2065.	1.4	9
3529	Exosomal non-coding RNAs: Emerging roles in bilateral communication between cancer cells and macrophages. <i>Molecular Therapy</i> , 2022, 30, 1036-1053.	3.7	8
3530	Macrophage-Targeted Therapy Unlocks Antitumoral Cross-talk between IFN γ -Secreting Lymphocytes and IL12-Producing Dendritic Cells. <i>Cancer Immunology Research</i> , 2022, 10, 40-55.	1.6	18
3531	Age-related exacerbation of hematopoietic organ damage induced by systemic hyper-inflammation in senescence-accelerated mice. <i>Scientific Reports</i> , 2021, 11, 23250.	1.6	7
3532	Neuroinflammation and Scarring After Spinal Cord Injury: Therapeutic Roles of MSCs on Inflammation and Glial Scar. <i>Frontiers in Immunology</i> , 2021, 12, 751021.	2.2	47
3533	Inflammatory Components of the Thyroid Cancer Microenvironment: An Avenue for Identification of Novel Biomarkers. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1350, 1-31.	0.8	4
3534	Inhibition of Nav1.8 Transport Promotes Axon Regeneration Via Regulating Dynamic Changes in Macrophage Phenotype after Sciatic Nerve Injury. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
3535	Chitooligosaccharides alleviate hepatic fibrosis by regulating the polarization of M1 and M2 macrophages. <i>Food and Function</i> , 2022, 13, 753-768.	2.1	13
3536	Macrophage plasticity in Duchenne muscular dystrophy: a nexus of pathological remodelling with therapeutic implications. <i>Journal of Physiology</i> , 2022, 600, 3455-3464.	1.3	6
3537	Targets and Strategies for Cancer. <i>Methods in Molecular Biology</i> , 2022, 2435, 7-17.	0.4	0
3538	Chronic exposure to biomass ambient particulate matter triggers alveolar macrophage polarization and activation in the rat lung. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 1156-1168.	1.6	9
3539	Study of the immunologic response of marine-derived collagen and gelatin extracts for tissue engineering applications. <i>Acta Biomaterialia</i> , 2022, 141, 123-131.	4.1	27
3540	The cross-talk between tumor-associated macrophages and tumor endothelium: Recent advances in macrophage-based cancer immunotherapy. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112588.	2.5	14
3541	NK Cell Anti-Tumor Surveillance in a Myeloid Cell-Shaped Environment. <i>Frontiers in Immunology</i> , 2021, 12, 787116.	2.2	16
3542	Therapeutic Mesenchymal Stem/Stromal Cells: Value, Challenges and Optimization. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 716853.	1.8	28
3543	Regulatory Role of Mesenchymal Stem Cells on Secondary Inflammation in Spinal Cord Injury. <i>Journal of Inflammation Research</i> , 2022, Volume 15, 573-593.	1.6	21
3544	Regulatory Mechanism of lncRNAs in M1/M2 Macrophages Polarization in the Diseases of Different Etiology. <i>Frontiers in Immunology</i> , 2022, 13, 835932.	2.2	8
3545	SARS-CoV-2 Spike protein is not pro-inflammatory in human primary macrophages: endotoxin contamination and lack of protein glycosylation as possible confounders. <i>Cell Biology and Toxicology</i> , 2022, 38, 667-678.	2.4	10

#	ARTICLE	IF	CITATIONS
3546	Tumor-Associated Macrophages in Hepatocellular Carcinoma Pathogenesis, Prognosis and Therapy. <i>Cancers</i> , 2022, 14, 226.	1.7	55
3547	Immune Mechanisms and Related Targets for the Treatment of Fibrosis in Various Organs. <i>Current Molecular Medicine</i> , 2022, 22, 240-249.	0.6	2
3548	Before the "cytokine storm": Boosting efferocytosis as an effective strategy against SARS-CoV-2 infection and associated complications. <i>Cytokine and Growth Factor Reviews</i> , 2022, 63, 108-118.	3.2	8
3549	Altered distribution, activation and increased IL-17 production of mucosal-associated invariant T cells in patients with acute respiratory distress syndrome. <i>Thorax</i> , 2022, 77, 865-872.	2.7	5
3550	Biocompatibility and degradation comparisons of four biodegradable copolymeric osteosynthesis systems used in maxillofacial surgery: A goat model with four years follow-up. <i>Bioactive Materials</i> , 2022, 17, 439-456.	8.6	3
3551	Bim Expression Promotes the Clearance of Mononuclear Phagocytes during Choroidal Neovascularization, Mitigating Scar Formation in Mice. <i>Life</i> , 2022, 12, 208.	1.1	3
3552	Production of NOS2 and inflammatory cytokines is reduced by selected protein kinase inhibitors with partial repolarization of HL-60 derived and human blood macrophages. <i>Heliyon</i> , 2022, 8, e08670.	1.4	2
3553	Rational administration sequencing of immunochemotherapy elicits powerful anti-tumor effect. <i>Journal of Controlled Release</i> , 2022, 341, 769-781.	4.8	11
3554	Scavenger Receptor A1 Signaling Pathways Affecting Macrophage Functions in Innate and Adaptive Immunity. <i>Immunological Investigations</i> , 2022, 51, 1725-1755.	1.0	4
3555	Macrophage Involvement in Medication-Related Osteonecrosis of the Jaw (MRONJ): A Comprehensive, Short Review. <i>Cancers</i> , 2022, 14, 330.	1.7	10
3556	Molecular Mechanisms of Kidney Injury and Repair. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1542.	1.8	29
3557	Evolution and Targeting of Myeloid Suppressor Cells in Cancer: A Translational Perspective. <i>Cancers</i> , 2022, 14, 510.	1.7	7
3558	Exosomes in cancer immunoediting and immunotherapy. <i>Asian Journal of Pharmaceutical Sciences</i> , 2022, 17, 193-205.	4.3	21
3559	miRNA-Mediated Priming of Macrophage M1 Differentiation Differs in Gram-Positive and Gram-Negative Settings. <i>Genes</i> , 2022, 13, 211.	1.0	1
3560	The Role of miRNA in Regulating the Fate of Monocytes in Health and Cancer. <i>Biomolecules</i> , 2022, 12, 100.	1.8	13
3561	Apolipoprotein (a)/Lipoprotein(a)-Induced Oxidative-Inflammatory β -7-nAChR/p38 MAPK/IL-6/RhoA-GTP Signaling Axis and M1 Macrophage Polarization Modulate Inflammation-Associated Development of Coronary Artery Spasm. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-26.	1.9	11
3562	Comment on: The m6A Reader IGF2BP2 Regulates Macrophage Phenotypic Activation and Inflammatory Diseases by Stabilizing TSC1 and PPAR α . <i>Advanced Science</i> , 2022, 9, e2104372.	5.6	9
3563	Recruited Monocytes/Macrophages Drive Pulmonary Neutrophilic Inflammation and Irreversible Lung Tissue Remodeling in Cystic Fibrosis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
3564	The Activated Macrophage â€“ A Tough Fortress for Virus Invasion: How Viruses Strike Back. <i>Frontiers in Microbiology</i> , 2021, 12, 803427.	1.5	9
3565	Innate Phagocyte Polarization in the Oral Cavity. <i>Frontiers in Immunology</i> , 2021, 12, 768479.	2.2	14
3566	Single-Cell Transcriptomics Reveals Novel Role of Microglia in Fibrovascular Membrane of Proliferative Diabetic Retinopathy. <i>Diabetes</i> , 2022, 71, 762-773.	0.3	20
3567	Immunometabolism in biofilm infection: lessons from cancer. <i>Molecular Medicine</i> , 2022, 28, 10.	1.9	18
3568	Multistability in Macrophage Activation Pathways and Metabolic Implications. <i>Cells</i> , 2022, 11, 404.	1.8	22
3569	CD14 Is Involved in the Interferon Response of Human Macrophages to Rubella Virus Infection. <i>Biomedicines</i> , 2022, 10, 266.	1.4	2
3570	Recent advances of engineered and artificial drug delivery system towards solid tumor based on immune cells. <i>Biomedical Materials (Bristol)</i> , 2022, 17, 022003.	1.7	4
3571	Monocytes and Macrophages in Spondyloarthritis: Functional Roles and Effects of Current Therapies. <i>Cells</i> , 2022, 11, 515.	1.8	15
3572	Cassiaside C Inhibits M1 Polarization of Macrophages by Downregulating Glycolysis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1696.	1.8	5
3573	TNFSF15 facilitates differentiation and polarization of macrophages toward M1 phenotype to inhibit tumor growth. <i>Oncolmmunology</i> , 2022, 11, 2032918.	2.1	18
3574	Dextran-Mimetic Quantum Dots for Multimodal Macrophage Imaging <i><i>In Vivo, Ex Vivo</i></i> , and <i><i>In Situ</i></i> . <i>ACS Nano</i> , 2022, 16, 1999-2012.	7.3	17
3575	Mutational and immunologic Landscape in malignant Salivary Gland Tumors harbor the potential for novel therapeutic strategies. <i>Critical Reviews in Oncology/Hematology</i> , 2022, 170, 103592.	2.0	4
3576	Nanoparticle mediated targeting of toll-like receptors to treat colorectal cancer. <i>European Journal of Pharmaceuics and Biopharmaceutics</i> , 2022, 172, 16-30.	2.0	4
3577	Immunostimulation of tumor microenvironment by targeting tumor-associated macrophages with hypoxia-responsive nanocomplex for enhanced anti-tumor therapy. <i>Journal of Controlled Release</i> , 2022, 343, 78-88.	4.8	6
3578	Bioinspired magnetic nanocomplexes amplifying STING activation of tumor-associated macrophages to potentiate cancer immunotherapy. <i>Nano Today</i> , 2022, 43, 101400.	6.2	23
3579	IL-2 complex recovers steroid-induced inhibition in immunochemotherapy for head and neck cancer. <i>Translational Oncology</i> , 2022, 18, 101358.	1.7	5
3580	Erythrocyte membrane-enveloped molybdenum disulfide nanodots for biofilm elimination on implants <i><i>via</i></i> toxin neutralization and immune modulation. <i>Journal of Materials Chemistry B</i> , 2022, 10, 1805-1820.	2.9	11
3581	SLAMF6/Ly108 promotes the development of hepatocellular carcinoma via facilitating macrophage M2 polarization. <i>Oncology Letters</i> , 2022, 23, 83.	0.8	9

#	ARTICLE	IF	CITATIONS
3582	Arsenic Trioxide Cooperate Cryptotanshinone Exerts Antitumor Effect by Medicating Macrophage Polarization through Glycolysis. <i>Journal of Immunology Research</i> , 2022, 2022, 1-16.	0.9	8
3583	Determination of macrophage types by immunohistochemical methods in the local immune response to liver hydatid cysts in sheep. <i>Acta Tropica</i> , 2022, 229, 106364.	0.9	7
3584	Phosphoinositide-Binding Protein TIPE1 Promotes Alternative Activation of Macrophages and Tumor Progression via PIP3/Akt/TGF β 2 Axis. <i>Cancer Research</i> , 2022, 82, 1603-1616.	0.4	17
3585	mTBI-Induced Systemic Vascular Dysfunction in a Mouse mTBI Model. <i>Brain Sciences</i> , 2022, 12, 232.	1.1	0
3586	Mitochondrial ACOD1/IRG1 in infection and sterile inflammation. <i>Journal of Intensive Medicine</i> , 2022, 2, 78-88.	0.8	16
3587	Early-phase administration of human amnion-derived stem cells ameliorates neurobehavioral deficits of intracerebral hemorrhage by suppressing local inflammation and apoptosis. <i>Journal of Neuroinflammation</i> , 2022, 19, 48.	3.1	5
3588	cPLA2 blockade attenuates S100A7-mediated breast tumorigenicity by inhibiting the immunosuppressive tumor microenvironment. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 54.	3.5	23
3589	Inactivation of AUF1 in Myeloid Cells Protects From Allergic Airway and Tumor Infiltration and Impairs the Adenosine-Induced Polarization of Pro-Angiogenic Macrophages. <i>Frontiers in Immunology</i> , 2022, 13, 752215.	2.2	1
3590	Differentiation of human macrophages with anaphylatoxin C3a impairs alternative M2 polarization and decreases lipopolysaccharide-induced cytokine secretion. <i>Immunology and Cell Biology</i> , 2022, 100, 186-204.	1.0	2
3591	Inhibition of the VEGF signaling pathway attenuates tumor-associated macrophage activity in liver cancer. <i>Oncology Reports</i> , 2022, 47, .	1.2	23
3592	The therapeutic potential of regulatory T cells in reducing cardiovascular complications in patients with severe COVID-19. <i>Life Sciences</i> , 2022, 294, 120392.	2.0	3
3593	The Immuno-Modulation Effect of Macrophage-Derived Extracellular Vesicles in Chronic Inflammatory Diseases. <i>Frontiers in Immunology</i> , 2021, 12, 785728.	2.2	14
3594	Systemic Interleukins™ Profile in Early and Advanced Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 124.	1.8	12
3595	<sc>CD163</sc>+ <sc>M2</sc> Macrophages Promote Fibrosis in <sc>IgG4-Related</sc> Disease Via <sc>Toll-like</sc> Receptor 7/Interleukin-1 Receptor-Associated Kinase 4/<sc>NF- κ B</sc> Signaling. <i>Arthritis and Rheumatology</i> , 2022, 74, 892-901.	2.9	17
3596	RGS12 inhibits the progression and metastasis of multiple myeloma by driving M1 macrophage polarization and activation in the bone marrow microenvironment. <i>Cancer Communications</i> , 2022, 42, 60-64.	3.7	19
3597	Identification of Potential Prognostic and Predictive Immunological Biomarkers in Patients with Stage I and Stage III Non-Small Cell Lung Cancer (NSCLC): A Prospective Exploratory Study. <i>Cancers</i> , 2021, 13, 6259.	1.7	17
3598	Microglia and macrophages in central nervous systems. , 2022, , 185-208.		0
3599	A liposome-based combination strategy using doxorubicin and a PI3K inhibitor efficiently inhibits pre-metastatic initiation by acting on both tumor cells and tumor-associated macrophages. <i>Nanoscale</i> , 2022, 14, 4573-4587.	2.8	4

#	ARTICLE	IF	CITATIONS
3600	Folate Receptor Expression by Human Monocyte-Derived Macrophage Subtypes and Effects of Corticosteroids. <i>Cartilage</i> , 2022, 13, 194760352210814.	1.4	5
3601	Tumor-Associated Macrophages: Reasons to Be Cheerful, Reasons to Be Fearful. <i>Experientia Supplementum</i> (2012), 2022, 113, 107-140.	0.5	10
3602	Physical confinement in alginate cryogels determines macrophage polarization to a M2 phenotype by regulating a STAT-related mRNA transcription pathway. <i>Biomaterials Science</i> , 2022, 10, 2315-2327.	2.6	9
3603	Excess Glucocorticoid Exposure Contributes to Adipose Tissue Fibrosis and this Involves Macrophage Interaction with Adipose Precursor Cells. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
3604	Tumor microenvironment in hepatocellular carcinoma. , 2022, , 109-124.		0
3605	The Immunogenetics of Systemic Sclerosis. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1367, 259-298.	0.8	4
3606	Development of early biomarkers of Alzheimer's disease: A precision medicine perspective. , 2024, , 511-525.		0
3607	Role of macrophages in tumor development. , 2022, , 113-164.		0
3608	Metabolism in tumor-associated macrophages. <i>International Review of Cell and Molecular Biology</i> , 2022, 367, 65-100.	1.6	10
3609	Immunomodulatory activity of <i>Senegalia macrostachya</i> (Reichenb. ex DC.) Kyal. & Boatwr seed polysaccharide fraction through the activation of the MAPK signaling pathway in RAW264.7 macrophages. <i>Food and Function</i> , 2022, 13, 4664-4677.	2.1	7
3610	The Tale of Mastering Macrophage Environment through the Control of Inflammasome-Mediated Macrophage Activation and cAMP Homeostasis by the Protozoan Parasite <i>Leishmania</i> . , 0, , .		0
3612	The Impact of Obesity, Adipose Tissue, and Tumor Microenvironment on Macrophage Polarization and Metastasis. <i>Biology</i> , 2022, 11, 339.	1.3	16
3613	Role of Distinct Macrophage Populations in the Development of Heart Failure in Macrophage Activation Syndrome. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2433.	1.8	3
3614	Restoration of Default Blood Monocyte-Derived Macrophage Polarization With Adalimumab But Not Etanercept in Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2022, 13, 832117.	2.2	5
3615	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
3616	Four in one—Combination therapy using live <i>Lactococcus lactis</i> expressing three therapeutic proteins for the treatment of chronic non-healing wounds. <i>PLoS ONE</i> , 2022, 17, e0264775.	1.1	6
3617	VSSP abrogates murine ovarian tumor-associated myeloid cell-driven immune suppression and induces M1 polarization in tumor-associated macrophages from ovarian cancer patients. <i>Cancer Immunology, Immunotherapy</i> , 2022, 71, 2355-2369.	2.0	5
3618	Investigating the Intercellular Communication Network of Immune Cell in Acute Respiratory Distress Syndrome with Sepsis. <i>Computational and Mathematical Methods in Medicine</i> , 2022, 2022, 1-10.	0.7	0

#	ARTICLE	IF	CITATIONS
3619	Nematode Orthologs of Macrophage Migration Inhibitory Factor (MIF) as Modulators of the Host Immune Response and Potential Therapeutic Targets. <i>Pathogens</i> , 2022, 11, 258.	1.2	8
3620	Activation of LXR Nuclear Receptors Impairs the Anti-Inflammatory Gene and Functional Profile of M-CSF-Dependent Human Monocyte-Derived Macrophages. <i>Frontiers in Immunology</i> , 2022, 13, 835478.	2.2	8
3621	Deciphering mechanisms of immune escape to inform immunotherapeutic strategies in multiple myeloma. <i>Journal of Hematology and Oncology</i> , 2022, 15, 17.	6.9	46
3622	Innate and adaptive immune system cells implicated in tendon healing and disease. , 2022, 43, 39-52.		6
3623	Bone resorption improvement by conditioned medium of stem cells from human exfoliated deciduous teeth in ovariectomized mice. <i>Experimental and Therapeutic Medicine</i> , 2022, 23, 299.	0.8	1
3624	Autophagy-based unconventional secretion of HMGB1 in glioblastoma promotes chemosensitivity to temozolomide through macrophage M1-like polarization. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 74.	3.5	25
3625	Excessive Activation of Notch Signaling in Macrophages Promote Kidney Inflammation, Fibrosis, and Necroptosis. <i>Frontiers in Immunology</i> , 2022, 13, 835879.	2.2	32
3626	Tumor-associated macrophages in cancer: recent advancements in cancer nanoimmunotherapies. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 68.	3.5	115
3627	Blood M2-like Monocyte Polarization Is Associated with Calcific Plaque Phenotype in Stable Coronary Artery Disease: A Sub-Study of SMARTool Clinical Trial. <i>Biomedicines</i> , 2022, 10, 565.	1.4	2
3628	Harnessing anti-tumor and tumor-tropism functions of macrophages via nanotechnology for tumor immunotherapy. <i>Exploration</i> , 2022, 2, .	5.4	64
3629	Microglia Polarization From M1 to M2 in Neurodegenerative Diseases. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 815347.	1.7	212
3630	Comparative Analysis of Differentially Expressed Circular RNAs in Polarized Macrophages. <i>Frontiers in Genetics</i> , 2022, 13, 823517.	1.1	2
3631	Chloride intercellular channel 3 suppression-mediated macrophage polarization: a potential indicator of poor prognosis of hepatitis B virus-related acute-on-chronic liver failure. <i>Immunology and Cell Biology</i> , 2022, 100, 323-337.	1.0	5
3632	Mitochondrial DNA on Tumor-Associated Macrophages Polarization and Immunity. <i>Cancers</i> , 2022, 14, 1452.	1.7	8
3634	Itaconate and itaconate derivatives target JAK1 to suppress alternative activation of macrophages. <i>Cell Metabolism</i> , 2022, 34, 487-501.e8.	7.2	107
3635	Immunomodulating Activity of <i>Pleurotus eryngii</i> Mushrooms Following Their In Vitro Fermentation by Human Fecal Microbiota. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 329.	1.5	11
3636	Effect of stimulation time on the expression of human macrophage polarization markers. <i>PLoS ONE</i> , 2022, 17, e0265196.	1.1	28
3637	Modulation of Macrophage Response by Copper and Magnesium Ions in Combination with Low Concentrations of Dexamethasone. <i>Biomedicines</i> , 2022, 10, 764.	1.4	6

#	ARTICLE	IF	CITATIONS
3639	Metalloimmunotherapy with Rhodium and Ruthenium Complexes: Targeting Tumor-Associated Macrophages. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	13
3640	Î ² -Hydroxyisovalerylshikonin regulates macrophage polarization <i>via</i> the AMPK/Nrf2 pathway and ameliorates sepsis in mice. <i>Pharmaceutical Biology</i> , 2022, 60, 729-742.	1.3	6
3641	Immune Cells in Pulmonary Arterial Hypertension. <i>Heart Lung and Circulation</i> , 2022, 31, 934-943.	0.2	7
3642	Heterogeneity of type 2 innate lymphoid cells. <i>Nature Reviews Immunology</i> , 2022, 22, 701-712.	10.6	46
3643	Immunomodulatory role of thrombin in cancer progression. <i>Molecular Carcinogenesis</i> , 2022, 61, 527-536.	1.3	8
3644	Autologous lipoaspirate as a new treatment of vulvar lichen sclerosus: A review on literature. <i>Experimental Dermatology</i> , 2022, 31, 689-699.	1.4	4
3645	Advanced Biomaterials for Cell-Specific Modulation and Restore of Cancer Immunotherapy. <i>Advanced Science</i> , 2022, 9, e2200027.	5.6	26
3646	Adipocyte-derived PGE2 is required for intermittent fasting-induced Treg proliferation and improvement of insulin sensitivity. <i>JCI Insight</i> , 2022, 7, .	2.3	13
3647	Immune cell atlas of cholangiocarcinomas reveals distinct tumor microenvironments and associated prognoses. <i>Journal of Hematology and Oncology</i> , 2022, 15, 37.	6.9	23
3648	Immunosuppressive Signaling Pathways as Targeted Cancer Therapies. <i>Biomedicines</i> , 2022, 10, 682.	1.4	8
3649	Neuroprotective Mechanisms of Glucagon-Like Peptide-1-Based Therapies in Ischemic Stroke: An Update Based on Preclinical Research. <i>Frontiers in Neurology</i> , 2022, 13, 844697.	1.1	12
3650	Anti-CD80/86 antibodies inhibit inflammatory reaction and improve graft survival in a high-risk murine corneal transplantation rejection model. <i>Scientific Reports</i> , 2022, 12, 4853.	1.6	2
3651	The Mechanism of the Development of Macrophage Tolerance in Tumor Microenvironment. <i>Bulletin of Experimental Biology and Medicine</i> , 2022, 172, 653-657.	0.3	0
3652	Parvimonas micra is associated with tumour immune profiles in molecular subtypes of colorectal cancer. <i>Cancer Immunology, Immunotherapy</i> , 2022, 71, 2565-2575.	2.0	10
3653	Effects of the FNDC5/Irisin on Elderly Dementia and Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 863901.	1.7	9
3654	Cavin-1 promotes M2 macrophages/microglia polarization via SOCS3. <i>Inflammation Research</i> , 2022, 71, 397-407.	1.6	4
3655	Pro-Inflammatory Cytokines Trigger the Overexpression of Tumour-Related Splice Variant RAC1B in Polarized Colorectal Cells. <i>Cancers</i> , 2022, 14, 1393.	1.7	5
3656	AllergoOncology: Role of immune cells and immune proteins. <i>Clinical and Translational Allergy</i> , 2022, 12, e12133.	1.4	7

#	ARTICLE	IF	CITATIONS
3657	Novel Secreted Peptides From <i>Rhizopus arrhizus</i> var. <i>delemar</i> With Immunomodulatory Effects That Enhance Fungal Pathogenesis. <i>Frontiers in Microbiology</i> , 2022, 13, 863133.	1.5	4
3658	Excess glucocorticoid exposure contributes to adipose tissue fibrosis which involves macrophage interaction with adipose precursor cells. <i>Biochemical Pharmacology</i> , 2022, 198, 114976.	2.0	6
3659	Novel Immunotherapies for Osteosarcoma. <i>Frontiers in Oncology</i> , 2022, 12, 830546.	1.3	25
3660	How to overcome tumor resistance to anti-PD-1/PD-L1 therapy by immunotherapy modifying the tumor microenvironment in MSS CRC. <i>Clinical Immunology</i> , 2022, 237, 108962.	1.4	16
3661	The functions of clusterin in renal mesenchymal stromal cells: Promotion of cell growth and regulation of macrophage activation. <i>Experimental Cell Research</i> , 2022, 413, 113081.	1.2	1
3662	Cell-free fat extract attenuates osteoarthritis via chondrocytes regeneration and macrophages immunomodulation. <i>Stem Cell Research and Therapy</i> , 2022, 13, 133.	2.4	13
3663	Cellular Immune Signal Exchange From Ischemic Stroke to Intestinal Lesions Through Brain-Gut Axis. <i>Frontiers in Immunology</i> , 2022, 13, 688619.	2.2	10
3664	Effects of ALA-PDT on the macrophages in wound healing and its related mechanisms in vivo and in vitro. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, 38, 102816.	1.3	9
3665	Metabolism drives macrophage heterogeneity in the tumor microenvironment. <i>Cell Reports</i> , 2022, 39, 110609.	2.9	46
3666	Caspase-8 Promotes Pulmonary Hypertension by Activating Macrophage-Associated Inflammation and IL-1 β (Interleukin 1 β) Production. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 613-631.	1.1	20
3667	Complementing Neuroregeneration: Deciphering the Role of Neuro-Immune Interactions in CNS Repair. <i>Journal of Neuroscience</i> , 2022, 42, 2850-2852.	1.7	0
3668	Non-coding RNAs and macrophage interaction in tumor progression. <i>Critical Reviews in Oncology/Hematology</i> , 2022, 173, 103680.	2.0	28
3669	Immuno-Modulatory Effects of Microparticles Formulated from Degradable Polystyrene Analogue. <i>Macromolecular Bioscience</i> , 2022, 22, e2100472.	2.1	4
3670	A2A Adenosine Receptor Antagonists: Are Triazolotriazine and Purine Scaffolds Interchangeable?. <i>Molecules</i> , 2022, 27, 2386.	1.7	5
3672	Immunohistochemistry indicates that persistent inflammation determines failure of tail, limb and finger regeneration in the Lizard <i>Podarcis muralis</i> . <i>Annals of Anatomy</i> , 2022, 243, 151940.	1.0	2
3673	Dynamic profiling of immune microenvironment during pancreatic cancer development suggests early intervention and combination strategy of immunotherapy. <i>EBioMedicine</i> , 2022, 78, 103958.	2.7	15
3674	Differential transcriptomic landscapes of multiple organs from SARS-CoV-2 early infected rhesus macaques. <i>Protein and Cell</i> , 2022, 13, 920-939.	4.8	9
3675	PBMCs transplantation facilitates functional recovery after spinal cord injury by regulating microglia/macrophages plasticity. <i>Transplant Immunology</i> , 2022, 72, 101592.	0.6	6

#	ARTICLE	IF	CITATIONS
3676	Sinomenine inhibits macrophage M1 polarization by downregulating $\hat{\pm}$ 7nAChR via a feedback pathway of $\hat{\pm}$ 7nAChR/ERK/Egr-1. <i>Phytomedicine</i> , 2022, 100, 154050.	2.3	13
3677	Tetrahedral framework nucleic acids-based delivery of microRNA-155 inhibits choroidal neovascularization by regulating the polarization of macrophages. <i>Bioactive Materials</i> , 2022, 14, 134-144.	8.6	77
3678	Macrophages in ovarian cancer and their interactions with monoclonal antibody therapies. <i>Clinical and Experimental Immunology</i> , 2022, 209, 4-21.	1.1	7
3679	Macrophage Polarization and Its Role in Liver Disease. <i>Frontiers in Immunology</i> , 2021, 12, 803037.	2.2	179
3680	miR-154 Influences HNSCC Development and Progression through Regulation of the Epithelial-to-Mesenchymal Transition Process and Could Be Used as a Potential Biomarker. <i>Biomedicines</i> , 2021, 9, 1894.	1.4	2
3681	Macrophage Polarization and Plasticity in Systemic Lupus Erythematosus. <i>Frontiers in Immunology</i> , 2021, 12, 734008.	2.2	34
3682	Solulan C24- and Bile Salts-Modified Niosomes for New Ciprofloxacin Mannich Base for Combatting Pseudomonas-Infected Corneal Ulcer in Rabbits. <i>Pharmaceuticals</i> , 2022, 15, 44.	1.7	2
3683	Acetoacetate protects macrophages from lactic acidosis-induced mitochondrial dysfunction by metabolic reprogramming. <i>Nature Communications</i> , 2021, 12, 7115.	5.8	20
3684	Renal Tissue miRNA Expression Profiles in ANCA-Associated Vasculitisâ€”A Comparative Analysis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 105.	1.8	2
3685	Wound healing in periodontal disease induces macrophage polarization characterized by different arginineâ€”metabolizing enzymes. <i>Journal of Periodontal Research</i> , 2022, 57, 357-370.	1.4	10
3688	SARS-CoV-2 N Protein Induces Acute Lung Injury in Mice via NF- $\hat{\pm}$ B Activation. <i>Frontiers in Immunology</i> , 2021, 12, 791753.	2.2	19
3690	Macrophage Polarization and Alveolar Bone Healing Outcome: Despite a Significant M2 Polarizing Effect, VIP and PACAP Treatments Present a Minor Impact in Alveolar Bone Healing in Homeostatic Conditions. <i>Frontiers in Immunology</i> , 2021, 12, 782566.	2.2	8
3691	Long Noncoding RNAs Regulate the Inflammatory Responses of Macrophages. <i>Cells</i> , 2022, 11, 5.	1.8	10
3692	Heterologous Prime-Boost Vaccination with a Peptide-Based Vaccine and Viral Vector Reshapes Dendritic Cell, CD4+ and CD8+ T Cell Phenotypes to Improve the Antitumor Therapeutic Effect. <i>Cancers</i> , 2021, 13, 6107.	1.7	2
3693	Neuroinflammation in Cerebral Ischemia and Ischemia/Reperfusion Injuries: From Pathophysiology to Therapeutic Strategies. <i>International Journal of Molecular Sciences</i> , 2022, 23, 14.	1.8	127
3694	NF- $\hat{\pm}$ B signaling in inflammation and cancer. <i>MedComm</i> , 2021, 2, 618-653.	3.1	107
3695	Mycobacterium tuberculosis H37Rv Strain Increases the Frequency of CD3+TCR+ Macrophages and Affects Their Phenotype, but Not Their Migration Ability. <i>International Journal of Molecular Sciences</i> , 2022, 23, 329.	1.8	7
3696	Inherent P2X7 Receptors Regulate Macrophage Functions during Inflammatory Diseases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 232.	1.8	39

#	ARTICLE	IF	CITATIONS
3697	Tumor Associated Macrophages: Origin, Recruitment, Phenotypic Diversity, and Targeting. <i>Frontiers in Oncology</i> , 2021, 11, 788365.	1.3	66
3698	Immunomodulatory Activity of Granulocyte Colony-Stimulating Factor and its Therapeutic Effect on Liver Failure. <i>Infectious Diseases & Immunity</i> , 2022, 2, 42-48.	0.2	0
3699	Systems biology of angiogenesis signaling: Computational models and omics. <i>WIREs Mechanisms of Disease</i> , 2022, 14, e1550.	1.5	19
3700	Protective Effects of Aminoxyacetic Acid on Colitis Induced in Mice with Dextran Sulfate Sodium. <i>BioMed Research International</i> , 2021, 2021, 1-13.	0.9	3
3701	Phosphatidylserine Synthase PTDSS1 Shapes the Tumor Lipidome to Maintain Tumor-Promoting Inflammation. <i>Cancer Research</i> , 2022, 82, 1617-1632.	0.4	11
3702	Epigenetic and Transcriptional Regulation of Innate Immunity in Cancer. <i>Cancer Research</i> , 2022, 82, 2047-2056.	0.4	5
3703	Activated Neutrophils Secrete Chitinase-Like 1 and Attenuate Liver Inflammation by Inhibiting Pro-Inflammatory Macrophage Responses. <i>Frontiers in Immunology</i> , 2022, 13, 824385.	2.2	4
3704	Macrophage Dysfunction in Autoimmune Rheumatic Diseases and Atherosclerosis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4513.	1.8	9
3705	The Give-and-Take Interaction Between the Tumor Microenvironment and Immune Cells Regulating Tumor Progression and Repression. <i>Frontiers in Immunology</i> , 2022, 13, 850856.	2.2	20
3706	Roles and new Insights of Macrophages in the Tumor Microenvironment of Thyroid Cancer. <i>Frontiers in Pharmacology</i> , 2022, 13, 875384.	1.6	7
3707	Suppression of the hyaluronic acid pathway induces M1 macrophages polarization via STAT1 in glioblastoma. <i>Cell Death Discovery</i> , 2022, 8, 193.	2.0	9
3708	The macrophage: a key player in the pathophysiology of peripheral neuropathies. <i>Journal of Neuroinflammation</i> , 2022, 19, 97.	3.1	28
3709	M2-like macrophages transplantation protects against the doxorubicin-induced heart failure via mitochondrial transfer. <i>Biomaterials Research</i> , 2022, 26, 14.	3.2	17
3710	Cyclic Attractors Are Critical for Macrophage Differentiation, Heterogeneity, and Plasticity. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 807228.	1.6	6
3711	Protective effect of growth differentiation factor 15 in sepsis by regulating macrophage polarization and its mechanism. <i>Bioengineered</i> , 2022, 13, 9687-9707.	1.4	7
3712	Th2 Cytokines IL-4, IL-13, and IL-10 Promote Differentiation of Pro-Lymphatic Progenitors Derived from Bone Marrow Myeloid Precursors. <i>Stem Cells and Development</i> , 2022, 31, 322-333.	1.1	11
3713	Fire Needling Acupuncture Suppresses Cartilage Damage by Mediating Macrophage Polarization in Mice with Knee Osteoarthritis. <i>Journal of Pain Research</i> , 2022, Volume 15, 1071-1082.	0.8	8
3714	Extracellular vesicle IL-32 promotes the M2 macrophage polarization and metastasis of esophageal squamous cell carcinoma via FAK/STAT3 pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 145.	3.5	19

#	ARTICLE	IF	CITATIONS
3715	Macrophage programming is regulated by a cooperative interaction between fatty acid binding protein 5 and peroxisome proliferator-activated receptor β . <i>FASEB Journal</i> , 2022, 36, e22300.	0.2	9
3716	Protective effects of asiaticoside on renal ischemia reperfusion injury in vivo and in vitro. <i>Bioengineered</i> , 2022, 13, 10235-10243.	1.4	3
3717	The role of Sirt6 in osteoarthritis and its effect on macrophage polarization. <i>Bioengineered</i> , 2022, 13, 9677-9689.	1.4	7
3718	Glial cells in Alzheimer's disease: From neuropathological changes to therapeutic implications. <i>Ageing Research Reviews</i> , 2022, 78, 101622.	5.0	39
3719	Overview of CF lung pathophysiology. <i>Current Opinion in Pharmacology</i> , 2022, 64, 102214.	1.7	10
3720	GDF11 ameliorates severe acute pancreatitis through modulating macrophage M1 and M2 polarization by targeting the TGF β 1/SMAD-2 pathway. <i>International Immunopharmacology</i> , 2022, 108, 108777.	1.7	9
3854	Arachidonic acid, a clinically adverse mediator in the ovarian cancer microenvironment, impairs JAK-STAT signaling in macrophages by perturbing lipid raft structures. <i>Molecular Oncology</i> , 2022, 16, 3146-3166.	2.1	9
3855	Time-series biological responses toward decellularized bovine tendon graft and autograft for 52 consecutive weeks after rat anterior cruciate ligament reconstruction. <i>Scientific Reports</i> , 2022, 12, 6751.	1.6	3
3856	Pathogenetic role and clinical significance of interleukin-1 β in cancer. <i>Immunology</i> , 2023, 168, 203-216.	2.0	6
3858	C-C motif chemokine ligand 14 inhibited colon cancer cell proliferation and invasion through suppressing M2 polarization of tumor-associated macrophages. <i>Histology and Histopathology</i> , 2021, 36, 743-752.	0.5	2
3860	Wnt2b and Wnt5a Expressions are Highly Associated with M2 TAMs in Non-Small Cell Lung Cancer. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
3861	The Dynamic Feature of Macrophage M1/M2 Imbalance Facilitates the Progression of Non-Traumatic Osteonecrosis of the Femoral Head. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 912133.	2.0	11
3862	MicroRNA-146a-5p-modified human umbilical cord mesenchymal stem cells enhance protection against diabetic nephropathy in rats through facilitating M2 macrophage polarization. <i>Stem Cell Research and Therapy</i> , 2022, 13, 171.	2.4	32
3863	Tanreqing Injection Attenuates Macrophage Activation and the Inflammatory Response via the lncRNA-SNHG1/HMGB1 Axis in Lipopolysaccharide-Induced Acute Lung Injury. <i>Frontiers in Immunology</i> , 2022, 13, 820718.	2.2	8
3864	Tumor-Associated Macrophages and Ovarian Cancer: Implications for Therapy. <i>Cancers</i> , 2022, 14, 2220.	1.7	30
3865	Anti-Tumoral Effect and Action Mechanism of Exosomes Derived From <i>Toxoplasma gondii</i> -Infected Dendritic Cells in Mice Colorectal Cancer. <i>Frontiers in Oncology</i> , 2022, 12, .	1.3	4
3866	Engineering Injectable Anti-Inflammatory Hydrogels to Treat Acute Myocardial Infarction. <i>Advanced NanoBiomed Research</i> , 2022, 2, .	1.7	6
3867	Epigenetic Underpinnings of Inflammation: A Key to Unlock the Tumor Microenvironment in Glioblastoma. <i>Frontiers in Immunology</i> , 2022, 13, 869307.	2.2	9

#	ARTICLE	IF	CITATIONS
3868	Intestinal Flora Changes Induced by a High-Fat Diet Promote Activation of Primordial Follicles through Macrophage Infiltration and Inflammatory Factor Secretion in Mouse Ovaries. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4797.	1.8	5
3869	Interactions between Macrophages and Mast Cells in the Female Reproductive System. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5414.	1.8	7
3870	PBMNCs Treatment in Critical Limb Ischemia and Candidate Biomarkers of Efficacy. <i>Diagnostics</i> , 2022, 12, 1137.	1.3	1
3871	G protein-coupled receptor 21 in macrophages: An in vitro study. <i>European Journal of Pharmacology</i> , 2022, 926, 175018.	1.7	3
3872	Physical exercise, immune response, and susceptibility to infections—current knowledge and growing research areas. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 2653-2664.	2.7	12
3873	Enhancing CRISPR/Cas gene editing through modulating cellular mechanical properties for cancer therapy. <i>Nature Nanotechnology</i> , 2022, 17, 777-787.	15.6	80
3874	Enhancement of Regnase-1 expression with stem loop-targeting antisense oligonucleotides alleviates inflammatory diseases. <i>Science Translational Medicine</i> , 2022, 14, eabo2137.	5.8	8
3875	Systemic inflammation biomarkers in 6-OHDA- and LPS-induced Parkinson's disease in rats. <i>Ukrainian Biochemical Journal</i> , 2022, 94, 33-43.	0.1	3
3876	Harnessing the liver to induce antigen-specific immune tolerance. <i>Seminars in Immunopathology</i> , 2022, 44, 475-484.	2.8	8
3877	Analysis of senescence in gingival tissues and gingival fibroblast cultures. <i>Clinical and Experimental Dental Research</i> , 2022, 8, 939-949.	0.8	5
3878	LncRNA-PACERR induces pro-tumour macrophages via interacting with miR-671-3p and m6A-reader IGF2BP2 in pancreatic ductal adenocarcinoma. <i>Journal of Hematology and Oncology</i> , 2022, 15, 52.	6.9	51
3879	Microglia and <i>status epilepticus</i> in the immature brain. <i>Epilepsia Open</i> , 2023, 8, .	1.3	5
3880	Lipid-induced monokine cyclophilin-A promotes adipose tissue dysfunction implementing insulin resistance and type 2 diabetes in zebrafish and mice models of obesity. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 282.	2.4	5
3881	Analysis of the Expression and Role of Keratin 17 in Human Tumors. <i>Frontiers in Genetics</i> , 2022, 13, .	1.1	4
3882	The Regulatory Role of MicroRNAs on Phagocytes: A Potential Therapeutic Target for Chronic Diseases. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	1
3883	Polarized macrophages promote gestational beta cell growth through extracellular signal-regulated kinase 5 signalling. <i>Diabetes, Obesity and Metabolism</i> , 2022, 24, 1721-1733.	2.2	3
3884	Deletion of ACLY Disrupts Histone Acetylation and IL-10 Secretion in Trophoblasts, Which Inhibits M2 Polarization of Macrophages: A Possible Role in Recurrent Spontaneous Abortion. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-20.	1.9	1
3885	IL4 stimulated macrophages promote axon regeneration after peripheral nerve injury by secreting uPA to stimulate uPAR upregulated in injured axons. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 289.	2.4	6

#	ARTICLE	IF	CITATIONS
3886	Two distinct receptor-binding domains of human glycyl-tRNA synthetase 1 displayed on extracellular vesicles activate M1 polarization and phagocytic bridging of macrophages to cancer cells. <i>Cancer Letters</i> , 2022, 539, 215698.	3.2	6
3887	Integrative analysis identifies CXCL11 as an immune-related prognostic biomarker correlated with cell proliferation and immune infiltration in multiple myeloma microenvironment. <i>Cancer Cell International</i> , 2022, 22, 187.	1.8	2
3888	NF- κ B, a culprit of both inflamm-ageing and declining immunity?. <i>Immunity and Ageing</i> , 2022, 19, 20.	1.8	21
3889	Regulated macrophage immune microenvironment in 3D printed scaffolds for bone tumor postoperative treatment. <i>Bioactive Materials</i> , 2023, 19, 474-485.	8.6	11
3890	Single cell transcriptomic analysis of human amnion identifies cell-specific signatures associated with membrane rupture and parturition. <i>Cell and Bioscience</i> , 2022, 12, 64.	2.1	7
3891	Proteomic characterization of four subtypes of M2 macrophages derived from human THP-1 cells. <i>Journal of Zhejiang University: Science B</i> , 2022, 23, 407-422.	1.3	19
3893	Effect of Thrombin on the Metabolism and Function of Murine Macrophages. <i>Cells</i> , 2022, 11, 1718.	1.8	5
3894	Mechanism Involved in Acute Liver Injury Induced by Intestinal Ischemia-Reperfusion. <i>Frontiers in Pharmacology</i> , 2022, 13, .	1.6	4
3895	Paeonol Interferes With Quorum-Sensing in <i>Pseudomonas aeruginosa</i> and Modulates Inflammatory Responses In Vitro and In Vivo. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	11
3896	Hypoxia, a key factor in the immune microenvironment. <i>Biomedicine and Pharmacotherapy</i> , 2022, 151, 113068.	2.5	9
3897	LONG-TERM EFFECTS OF SHAM SURGERY ON PHAGOCYTE FUNCTIONS IN RATS. <i>Biotechnologia Acta</i> , 2022, 15, 37-46.	0.3	1
3898	Occurrences and Functions of Ly6Chi and Ly6Clo Macrophages in Health and Disease. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	15
3899	Cyclosporine A Regulates Influenza A Virus-induced Macrophages Polarization and Inflammatory Responses by Targeting Cyclophilin A. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	3
3900	Polymersomes-Mediated Delivery of CSF1R Inhibitor to Tumor Associated Macrophages Promotes M2 to M1-Like Macrophage Repolarization. <i>Macromolecular Bioscience</i> , 2022, 22, .	2.1	6
3901	Bufalin stimulates antitumor immune response by driving tumor-infiltrating macrophage toward M1 phenotype in hepatocellular carcinoma. , 2022, 10, e004297.		41
3902	Tissue-Resident Innate Immune Cell-Based Therapy: A Cornerstone of Immunotherapy Strategies for Cancer Treatment. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, .	1.8	5
3903	Distinct macrophage polarization in acute and chronic gout. <i>Laboratory Investigation</i> , 2022, 102, 1054-1063.	1.7	17
3904	Enhancing the Therapeutic Potential of Mesenchymal Stromal Cell-Based Therapies with an Anti-Fibrotic Agent for the Treatment of Chronic Kidney Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6035.	1.8	5

#	ARTICLE	IF	CITATIONS
3905	Fucoxanthin Is a Potential Therapeutic Agent for the Treatment of Breast Cancer. <i>Marine Drugs</i> , 2022, 20, 370.	2.2	12
3906	Turning adversity into opportunity: Small extracellular vesicles as nanocarriers for tumor-associated macrophages re-education. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	3.9	3
3907	Notch/NICD/RBP-J signaling axis regulates M1 polarization of macrophages mediated by advanced glycation end products. <i>Glycoconjugate Journal</i> , 2022, 39, 487-497.	1.4	3
3908	HIV-1 Gag and Vpr impair the inflammasome activation and contribute to the establishment of chronic infection in human primary macrophages. <i>Molecular Immunology</i> , 2022, 148, 68-80.	1.0	3
3909	Modulation of Inflammation-Related Lipid Mediator Pathways by Celastrol During Human Macrophage Polarization. <i>Journal of Inflammation Research</i> , 0, Volume 15, 3285-3304.	1.6	3
3910	Immune Cell Plasticity in Inflammation: Insights into Description and Regulation of Immune Cell Phenotypes. <i>Cells</i> , 2022, 11, 1824.	1.8	11
3911	MMP-12 polarizes neutrophil signalome towards an apoptotic signature. <i>Journal of Proteomics</i> , 2022, 264, 104636.	1.2	4
3912	IL-13 in dermal type-2 dendritic cell specialization: From function to therapeutic targeting. <i>European Journal of Immunology</i> , 2022, 52, 1047-1057.	1.6	3
3913	MEF2 intervened LPS-induced acute lung injury by binding to KLF2 promoter and modulating macrophage phenotype. <i>International Immunopharmacology</i> , 2022, 108, 108873.	1.7	1
3917	Lactate: The Mediator of Metabolism and Immunosuppression. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	21
3918	Insights into the Role of Macrophage Polarization in the Pathogenesis of Osteoporosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-11.	1.9	14
3919	Cellular Carcinogenesis: Role of Polarized Macrophages in Cancer Initiation. <i>Cancers</i> , 2022, 14, 2811.	1.7	4
3920	Macrophages Characterization in an Injured Bone Tissue. <i>Biomedicines</i> , 2022, 10, 1385.	1.4	6
3921	A novel strategy to dissect multifaceted macrophage function in human diseases. <i>Journal of Leukocyte Biology</i> , 2022, 112, 1535-1542.	1.5	12
3922	Estrogen Receptor Signaling in the Immune System. <i>Endocrine Reviews</i> , 2023, 44, 117-141.	8.9	38
3923	The Translational Potential of Microglia and Monocyte-Derived Macrophages in Ischemic Stroke. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	27
3924	Systematic Construction and Validation of a Novel Macrophage Differentiation-Associated Prognostic Model for Clear Cell Renal Cell Carcinoma. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	1
3925	The "Danse Macabre" Neutrophils the Interactive Partner Affecting Oral Cancer Outcomes. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	7

#	ARTICLE	IF	CITATIONS
3926	<sc>MicroRNA</sc>â€23â€3p promotes macrophage <sc>M1</sc> polarization and aggravates lipopolysaccharideâ€induced acute lung injury by regulating <sc>PLK1</sc>/<sc>STAT1</sc>/<sc>STAT3</sc> signalling. International Journal of Experimental Pathology, 2022, 103, 198-207.	0.6	7
3927	Qing-Wen-Jie-Re Mixture Ameliorates Poly (I:C)-Induced Viral Pneumonia Through Regulating the Inflammatory Response and Serum Metabolism. Frontiers in Pharmacology, 0, 13, .	1.6	4
3928	Near-infrared light reduces Î2-amyloid-stimulated microglial toxicity and enhances survival of neurons: mechanisms of light therapy for Alzheimerâ€™s disease. Alzheimer's Research and Therapy, 2022, 14, .	3.0	22
3929	Metabolic remodeling in tumor-associated macrophages contributing to antitumor activity of cryptotanshinone by regulating TRAF6-ASK1 axis. Molecular Therapy - Oncolytics, 2022, 26, 158-174.	2.0	4
3930	Flow Cytometric Analysis of Leukocyte Populations in the Lung Tissue of Dromedary Camels. Veterinary Sciences, 2022, 9, 287.	0.6	1
3931	Zika virus infects human osteoclasts and blocks differentiation and bone resorption. Emerging Microbes and Infections, 2022, 11, 1621-1634.	3.0	2
3932	Roles of Altered Macrophages and Cytokines: Implications for Pathological Mechanisms of Postmenopausal Osteoporosis, Rheumatoid Arthritis, and Alzheimerâ€™s Disease. Frontiers in Endocrinology, 0, 13, .	1.5	10
3933	Notch signaling: A possible therapeutic target and its role in diabetic foot ulcers. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2022, 16, 102542.	1.8	6
3934	Bioactive engineered scaffolds based on PCL-PEG-PCL and tumor cell-derived exosomes to minimize the foreign body reaction. Biomaterials and Biosystems, 2022, 7, 100055.	1.0	4
3935	Innovative cancer nanomedicine based on immunology, gene editing, intracellular trafficking control. Journal of Controlled Release, 2022, 348, 357-369.	4.8	3
3936	Hypoxic Tumor-Derived Exosomes Induce M2 Macrophage Polarization via PKM2/AMPK to Promote Lung Cancer Progression. Cell Transplantation, 2022, 31, 096368972211069.	1.2	15
3937	Targeting the Hepatic Microenvironment to Improve Ischemia/Reperfusion Injury: New Insights into the Immune and Metabolic Compartments. , 2022, 13, 1196.		15
3938	Systems biology modeling of endothelial cell and macrophage signaling in angiogenesis in human diseases. , 2022, , 163-172.		1
3939	The polycaprolactone/silk fibroin/carbonate hydroxyapatite electrospun scaffold promotes bone reconstruction by regulating the polarization of macrophages. International Journal of Energy Production and Management, 2022, 9, .	1.9	5
3940	Targeting macrophages in systemic diseases. , 2022, , 279-302.		0
3941	Metabolic requirement for macrophages. , 2022, , 49-66.		0
3942	The Effect of PPARs on Macrophage Polarization and Progression on Parasite-Related Diseases. Advances in Clinical Medicine, 2022, 12, 6282-6290.	0.0	0
3943	Repopulation of decellularised porcine pulmonary valves in the right ventricular outflow tract of sheep: Role of macrophages. Journal of Tissue Engineering, 2022, 13, 204173142211026.	2.3	1

#	ARTICLE	IF	CITATIONS
3944	The effects of the recipient site on fat graft survival in a murine model. <i>European Journal of Plastic Surgery</i> , 0, , .	0.3	0
3945	Microenvironmental Features Driving Immune Evasion in Myelodysplastic Syndromes and Acute Myeloid Leukemia. <i>Diseases (Basel, Switzerland)</i> , 2022, 10, 33.	1.0	4
3946	Targeting IL-34/MCSF-1R Axis in Colon Cancer. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	6
3947	Interactions of Bacterial Toxin CNF1 and Host JAK1/2 Driven by Liquid-Liquid Phase Separation Enhance Macrophage Polarization. <i>MBio</i> , 2022, 13, .	1.8	4
3948	Tumor immunotherapy: Mechanisms and clinical applications. , 2022, 1, .		2
3949	The Impact of Resolution of Inflammation on Tumor Microenvironment: Exploring New Ways to Control Cancer Progression. <i>Cancers</i> , 2022, 14, 3333.	1.7	6
3950	The gut-liver axis in sepsis: interaction mechanisms and therapeutic potential. <i>Critical Care</i> , 2022, 26, .	2.5	29
3951	Eicosanoid-Activated PPAR α Inhibits NF κ B-Dependent Bacterial Clearance During Post-Influenza Superinfection. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	7
3952	Macrophages Break Interneuromast Cell Quiescence by Intervening in the Inhibition of Schwann Cells in the Zebrafish Lateral Line. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	2
3953	Advances in the Regulation of Macrophage Polarization by Mesenchymal Stem Cells and Implications for ALI/ARDS Treatment. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	16
3955	Stem Cells in the Tumor Immune Microenvironment – Part of the Cure or Part of the Disease? Ontogeny and Dichotomy of Stem and Immune Cells has Led to better Understanding. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 2549-2565.	1.7	4
3956	The Dynamics of Tumor-Infiltrating Myeloid Cell Activation and the Cytokine Expression Profile in a Glioma Resection Site during the Post-Surgical Period in Mice. <i>Brain Sciences</i> , 2022, 12, 893.	1.1	3
3957	The significance of nanofiber polyglycolic acid for promoting tissue repair in a rat subcutaneous implantation model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 0, , .	1.6	3
3958	Obesity, Inflammation, and Immune System in Osteoarthritis. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	84
3959	Complement activation in cancer: Effects on tumor-associated myeloid cells and immunosuppression. <i>Seminars in Immunology</i> , 2022, 60, 101642.	2.7	9
3960	Heat inactivated mycobacteria, alpha-Gal and zebrafish: Insights gained from experiences with two promising trained immunity inducers and a validated animal model. <i>Immunology</i> , 2022, 167, 139-153.	2.0	7
3961	Lipid-loaded macrophages as new therapeutic target in cancer. , 2022, 10, e004584.		13
3962	Role and Mechanisms of Tumor-Associated Macrophages in Hematological Malignancies. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	6

#	ARTICLE	IF	CITATIONS
3963	Engineered exosomes for studies in tumor immunology. <i>Immunological Reviews</i> , 2022, 312, 76-102.	2.8	18
3964	Titanium or Biodegradable Osteosynthesis in Maxillofacial Surgery? In Vitro and In Vivo Performances. <i>Polymers</i> , 2022, 14, 2782.	2.0	10
3965	Th1 and Th2 and M1-M2 interplay sculpt <i>Aeromonas hydrophila</i> pathogenesis in zebrafish (<i>Danio rerio</i>). <i>Fish and Shellfish Immunology</i> , 2022, 127, 357-365.	1.6	6
3966	Size-based effects of anthropogenic ultrafine particles on activation of human lung macrophages. <i>Environment International</i> , 2022, 166, 107395.	4.8	9
3967	Mechanical stress protects against chondrocyte pyroptosis through lipoxin A4 via synovial macrophage M2 subtype polarization in an osteoarthritis model. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113361.	2.5	12
3968	Interleukin-35 Prevents the Elevation of the M1/M2 Ratio of Macrophages in Experimental Type 1 Diabetes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7970.	1.8	12
3969	Dimethyl Itaconate Attenuates CFA-Induced Inflammatory Pain via the NLRP3/IL-1 β Signaling Pathway. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	2
3970	The Role of Tumor Microenvironment and Immune Response in Colorectal Cancer Development and Prognosis. <i>Pathology and Oncology Research</i> , 0, 28, .	0.9	9
3971	Immunomodulation Effect of Biomaterials on Bone Formation. <i>Journal of Functional Biomaterials</i> , 2022, 13, 103.	1.8	15
3972	Biomaterial-Based Therapeutic Approaches to Osteoarthritis and Cartilage Repair Through Macrophage Polarization. <i>Chemical Record</i> , 2022, 22, .	2.9	3
3973	Macrophage Polarization and Reprogramming in Acute Inflammation: A Redox Perspective. <i>Antioxidants</i> , 2022, 11, 1394.	2.2	52
3974	Neuronutraceuticals Combating Neuroinflammation: Molecular Insights and Translational Challenges—A Systematic Review. <i>Nutrients</i> , 2022, 14, 3029.	1.7	3
3975	The Multi-Omics Landscape and Clinical Relevance of the Immunological Signature of Phagocytosis Regulators: Implications for Risk Classification and Frontline Therapies in Skin Cutaneous Melanoma. <i>Cancers</i> , 2022, 14, 3582.	1.7	0
3976	Mechanical Stretch Promotes Macrophage Polarization and Inflammation via the RhoA-ROCK/NF- κ B Pathway. <i>BioMed Research International</i> , 2022, 2022, 1-9.	0.9	9
3977	HNF4 α overexpression enhances the therapeutic potential of umbilical cord mesenchymal stem/stromal cells in mice with acute liver failure. <i>FEBS Letters</i> , 0, , .	1.3	5
3978	Myeloid-Derived Suppressor Cells and CD68+CD163+M2-Like Macrophages as Therapeutic Response Biomarkers Are Associated with Plasma Inflammatory Cytokines: A Preliminary Study for Non-Small Cell Lung Cancer Patients in Radiotherapy. <i>Journal of Immunology Research</i> , 2022, 2022, 1-16.	0.9	1
3979	Honokiol alleviates ulcerative colitis by targeting PPAR- γ /TLR4/NF- κ B signaling and suppressing gasdermin-D-mediated pyroptosis in vivo and in vitro. <i>International Immunopharmacology</i> , 2022, 111, 109058.	1.7	15
3980	Tumor-associated macrophage-targeted photodynamic cancer therapy using a dextran sulfate-based nano-photosensitizer. <i>International Journal of Biological Macromolecules</i> , 2022, 218, 384-393.	3.6	6

#	ARTICLE	IF	CITATIONS
3982	Tumor Microenvironment and its Implications for Antitumor Immunity in Cholangiocarcinoma: Future Perspectives for Novel Therapies. <i>International Journal of Biological Sciences</i> , 2022, 18, 5369-5390.	2.6	14
3983	Platelet Derivatives and the Immunomodulation of Wound Healing. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8370.	1.8	21
3984	Strontium Functionalized in Biomaterials for Bone Tissue Engineering: A Prominent Role in Osteoimmunomodulation. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	31
3985	MSC-Derived Small Extracellular Vesicles Attenuate Autoimmune Dacryoadenitis by Promoting M2 Macrophage Polarization and Inducing Tregs via miR-100-5p. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	11
3986	Chemokines in progression, chemoresistance, diagnosis, and prognosis of colorectal cancer. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	10
3987	Macrophages as tools and targets in cancer therapy. <i>Nature Reviews Drug Discovery</i> , 2022, 21, 799-820.	21.5	443
3988	Anti-Inflammatory Effects and Mechanisms of Dandelion in RAW264.7 Macrophages and Zebrafish Larvae. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	7
3990	Cysteinyl Maresins Reprogram Macrophages to Protect Mice from <i>Streptococcus pneumoniae</i> after Influenza A Virus Infection. <i>MBio</i> , 2022, 13, .	1.8	6
3991	Exploring the Impact of ACE Inhibition in Immunity and Disease. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2022, 2022, .	1.0	10
3992	Progress in preclinical studies of macrophage autophagy in the regulation of ALI/ARDS. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	10
3993	The Role of TAMs in Tumor Microenvironment and New Research Progress. <i>Stem Cells International</i> , 2022, 2022, 1-11.	1.2	23
3994	Cancer cell-derived exosomal LINC00313 induces M2 macrophage differentiation in non-small cell lung cancer. <i>Clinical and Translational Oncology</i> , 2022, 24, 2395-2408.	1.2	14
3995	Granulocyte colony-stimulating factor attenuates liver damage by M2 macrophage polarization and hepatocyte proliferation in alcoholic hepatitis in mice. <i>Hepatology Communications</i> , 2022, 6, 2322-2339.	2.0	7
3996	Microglial polarization in TBI: Signaling pathways and influencing pharmaceuticals. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	11
3997	Study on the imbalance of M1/M2 macrophage polarization in severe chronic periodontitis. <i>Technology and Health Care</i> , 2023, 31, 117-124.	0.5	2
3998	Luteolin Inhibited the Self-Renewal and Altered the Polarization of Primary Alveolar Macrophages. <i>Contrast Media and Molecular Imaging</i> , 2022, 2022, 1-10.	0.4	2
3999	The long-term volume retention after fat processing with cotton gauze rolling and centrifugation: a comparative study in nude mice. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2022, , .	0.5	0
4000	Esomeprazole inhibits endoplasmic reticulum stress and ameliorates myocardial ischemia-reperfusion injury. <i>Biochemical and Biophysical Research Communications</i> , 2022, 627, 84-90.	1.0	2

#	ARTICLE	IF	CITATIONS
4001	In mouse chronic pancreatitis CD25+FOXP3+ regulatory T cells control pancreatic fibrosis by suppression of the type 2 immune response. <i>Nature Communications</i> , 2022, 13, .	5.8	15
4002	Engineered Bacterial Outer Membrane Vesicles as Controllable Two-Way Adaptors to Activate Macrophage Phagocytosis for Improved Tumor Immunotherapy. <i>Advanced Materials</i> , 2022, 34, .	11.1	48
4003	STAT family of transcription factors in breast cancer: Pathogenesis and therapeutic opportunities and challenges. <i>Seminars in Cancer Biology</i> , 2022, 86, 84-106.	4.3	31
4004	T-cell immunoglobulin and mucin domain-containing molecule 4 maintains adipose tissue homeostasis by orchestrating M2 macrophage polarization via nuclear factor kappa B pathway. <i>Immunology</i> , 2023, 168, 49-62.	2.0	2
4005	Understanding the role of alternative macrophage phenotypes in human atherosclerosis. <i>Expert Review of Cardiovascular Therapy</i> , 2022, 20, 689-705.	0.6	4
4006	Monocyte proinflammatory phenotypic control by ephrin type A receptor 4 mediates neural tissue damage. <i>JCI Insight</i> , 2022, 7, .	2.3	7
4007	Cancer immune therapy using engineered "tail-flipping" nanoliposomes targeting alternatively activated macrophages. <i>Nature Communications</i> , 2022, 13, .	5.8	13
4008	Light-triggered hydrogel with dynamic stiffness via ion chelation to modulate macrophage phenotypes. <i>Journal of Polymer Science</i> , 2022, 60, 3176-3185.	2.0	1
4009	Exosomes: Small Vesicles with Important Roles in the Development, Metastasis and Treatment of Breast Cancer. <i>Membranes</i> , 2022, 12, 775.	1.4	6
4010	Macrophage polarization in placenta accreta and macrophage-trophoblast interactions. <i>American Journal of Reproductive Immunology</i> , 2022, 88, .	1.2	8
4011	IL-37 alleviates liver granuloma caused by <i>Schistosoma japonicum</i> infection by inducing alternative macrophage activation. <i>Parasites and Vectors</i> , 2022, 15, .	1.0	3
4012	Construction and validation of a gene signature related to bladder urothelial carcinoma based on immune gene analysis. <i>BMC Cancer</i> , 2022, 22, .	1.1	2
4013	Docetaxel-loaded M1 macrophage-derived exosomes for a safe and efficient chemoimmunotherapy of breast cancer. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	4.2	30
4014	IFN- γ , should not be ignored in SLE. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	15
4015	THP-1 cell line model for tuberculosis: A platform for in vitro macrophage manipulation. <i>Tuberculosis</i> , 2022, 136, 102243.	0.8	6
4016	Chitinase domain containing 1 increase is associated with low survival rate and M0 macrophages infiltrates in colorectal cancer patients. <i>Pathology Research and Practice</i> , 2022, 237, 154038.	1.0	4
4017	A LIGHT-HVEM/LT β R axis contributes to the fibrosis of intrauterine adhesion. <i>Journal of Reproductive Immunology</i> , 2022, 153, 103693.	0.8	1
4018	A strategy to overcome EGFR p.T790M cis p.L792F induced resistance to osimertinib. <i>EBioMedicine</i> , 2022, 83, 104213.	2.7	0

#	ARTICLE	IF	CITATIONS
4019	Blockade of STAT3/IL-4 overcomes EGFR T790M-cis-L792F-induced resistance to osimertinib via suppressing M2 macrophages polarization. <i>EBioMedicine</i> , 2022, 83, 104200.	2.7	10
4020	Immunomodulatory responses of differentially polarized macrophages to fungal infections. <i>International Immunopharmacology</i> , 2022, 111, 109089.	1.7	2
4021	Potent inhibitory activity of hydroxylated 2-benzylidene-3,4-dihydronaphthalen-1(2H)-ones on LPS-stimulated reactive oxygen species production in RAW 264.7 macrophages. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 73, 128921.	1.0	2
4022	Zanubrutinib ameliorates lipopolysaccharide-induced acute lung injury via regulating macrophage polarization. <i>International Immunopharmacology</i> , 2022, 111, 109138.	1.7	11
4023	Comprehensive characterization of glucomannans from different sources to trigger moderate macrophages immune activation. <i>Carbohydrate Polymers</i> , 2022, 296, 119933.	5.1	3
4024	Integrated single-cell transcriptomic analyses reveal that GPNMB-high macrophages promote PN-MES transition and impede T cell activation in GBM. <i>EBioMedicine</i> , 2022, 83, 104239.	2.7	11
4025	Synergy of antioxidant and M2 polarization in polyphenol-modified konjac glucomannan dressing for remodeling wound healing microenvironment. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	3.9	7
4026	Interleukin 4 Controls the Pro-Tumoral Role of Macrophages in Mammary Cancer Pulmonary Metastasis in Mice. <i>Cancers</i> , 2022, 14, 4336.	1.7	11
4027	Sexual dimorphism in immune cell responses following stroke. <i>Neurobiology of Disease</i> , 2022, 172, 105836.	2.1	10
4028	Trophoblast-Derived Extracellular Vesicles Promote Preeclampsia by Regulating Macrophage Polarization. <i>Hypertension</i> , 2022, 79, 2274-2287.	1.3	14
4029	Mitochondrial fragmentation in liver cancer: Emerging player and promising therapeutic opportunities. <i>Cancer Letters</i> , 2022, 549, 215912.	3.2	7
4030	Dorsal root ganglia CX3CR1 expressing monocytes/macrophages contribute to arthritis pain. <i>Brain, Behavior, and Immunity</i> , 2022, 106, 289-306.	2.0	11
4031	Aminated β -2-Glucan with immunostimulating activities and collagen composite sponge for wound repair. <i>International Journal of Biological Macromolecules</i> , 2022, 221, 193-203.	3.6	5
4032	The immunosuppressive tumor microenvironment in hepatocellular carcinoma-current situation and outlook. <i>Molecular Immunology</i> , 2022, 151, 218-230.	1.0	7
4033	Vitamin D protects silica particles induced lung injury by promoting macrophage polarization in a KLF4-STAT6 manner. <i>Journal of Nutritional Biochemistry</i> , 2022, 110, 109148.	1.9	3
4034	Macrophage polarization in kidney transplant patients. <i>Transplant Immunology</i> , 2022, 75, 101717.	0.6	1
4035	Discovery of Pyrrolo[2,3-d]pyrimidine derivatives as potent and selective colony stimulating factor 1 receptor kinase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2022, 243, 114782.	2.6	3
4036	Assessing the response of human primary macrophages to defined fibrous architectures fabricated by melt electrowriting. <i>Bioactive Materials</i> , 2023, 21, 209-222.	8.6	6

#	ARTICLE	IF	CITATIONS
4037	Large extracellular vesicles secreted by human iPSC-derived MSCs ameliorate tendinopathy via regulating macrophage heterogeneity. <i>Bioactive Materials</i> , 2023, 21, 194-208.	8.6	10
4038	Potential role of IGF-1/GLP-1 signaling activation in intracerebral hemorrhage. <i>Current Research in Neurobiology</i> , 2022, 3, 100055.	1.1	1
4039	SOCS3 Attenuates Dexamethasone-Induced M2 Polarization by Down-Regulation of GILZ via ROS- and p38 MAPK-Dependent Pathways. <i>Immune Network</i> , 2022, 22, .	1.6	7
4040	The significance of the monocytes differentiation in the pathogenesis of spontaneous abortion in women with the risk of early miscarriage. <i>Russian Journal of Human Reproduction</i> , 2022, 28, 25.	0.1	0
4041	Research Progress in the Regulation of Inflammatory Response by Macrophage Polarization. <i>Advances in Clinical Medicine</i> , 2022, 12, 6796-6803.	0.0	0
4042	Fluid aspirates of ameloblastoma: Types, prevalence, and prognostic relevance. <i>International Journal of Medicine and Health Development</i> , 2022, 27, 385.	0.0	0
4043	Recent advances and perspectives in reaction-based fluorescent probes for imaging peroxynitrite in biological systems. <i>Coordination Chemistry Reviews</i> , 2023, 474, 214848.	9.5	35
4044	The Roles of Tumor-Associated Macrophages in Prostate Cancer. <i>Journal of Oncology</i> , 2022, 2022, 1-20.	0.6	10
4045	Wnt2b and Wnt5a expression is highly associated with M2 TAMs in non-small cell lung cancer. <i>Oncology Reports</i> , 2022, 48, .	1.2	6
4046	Immune cell composition of the bronchoalveolar lavage fluid in healthy and respiratory diseased dromedary camels. <i>BMC Veterinary Research</i> , 2022, 18, .	0.7	0
4047	Identification of Adipose Tissue as a Reservoir of Macrophages after Acute Myocardial Infarction. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10498.	1.8	2
4048	Macrophages, Chronic Inflammation, and Insulin Resistance. <i>Cells</i> , 2022, 11, 3001.	1.8	41
4049	Reprogramming alternative macrophage polarization by GATM-mediated endogenous creatine synthesis: A potential target for HDM-induced asthma treatment. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4
4050	Human placental mesenchymal stem cells regulate inflammation via the NF- κ B signaling pathway. <i>Experimental and Therapeutic Medicine</i> , 2022, 24, .	0.8	3
4051	A vicious circle in breast cancer: The interplay between inflammation, reactive oxygen species, and microRNAs. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	8
4052	Research advance of natural products in tumor immunotherapy. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	10
4053	Associating resistance to immune checkpoint inhibitors with immunological escape in colorectal cancer. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	0
4054	Serine metabolism orchestrates macrophage polarization by regulating the IGF1-p38 axis. , 2022, 19, 1263-1278.		30

#	ARTICLE	IF	CITATIONS
4055	Gr1+ myeloid-derived suppressor cells participate in the regulation of lung-gut axis during mouse emphysema model. <i>Bioscience Reports</i> , 2022, 42, .	1.1	2
4056	Deer Antler Reserve Mesenchyme Cell-Conditioned Medium Reduces the Destruction of Periodontitis in Mice. <i>Stem Cells and Development</i> , 2022, 31, 766-776.	1.1	3
4057	Autophagy Dysregulation in Metabolic Associated Fatty Liver Disease: A New Therapeutic Target. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10055.	1.8	13
4058	Potential gene identification and pathway crosstalk analysis of age-related macular degeneration. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	1
4059	Immunomodulatory biomaterial-based wound dressings advance the healing of chronic wounds via regulating macrophage behavior. <i>International Journal of Energy Production and Management</i> , 2022, 9, .	1.9	13
4060	NIL10: A New IL10-Receptor Binding Nanoparticle That Induces Cardiac Protection in Mice and Pigs Subjected to Acute Myocardial Infarction through STAT3/NF- κ B Activation. <i>Pharmaceutics</i> , 2022, 14, 2044.	2.0	2
4061	Pigment epithelium-derived factor promotes peritoneal dissemination of ovarian cancer through induction of immunosuppressive macrophages. <i>Communications Biology</i> , 2022, 5, .	2.0	1
4062	Erythrophagocytes in hemolytic anemia, wound healing, and cancer. <i>Trends in Molecular Medicine</i> , 2022, 28, 906-915.	3.5	10
4063	CXCL11-armed oncolytic adenoviruses enhance CAR-T cell therapeutic efficacy and reprogram tumor microenvironment in glioblastoma. <i>Molecular Therapy</i> , 2023, 31, 134-153.	3.7	50
4064	Nanofibers for the Immunoregulation in Biomedical Applications. <i>Advanced Fiber Materials</i> , 2022, 4, 1334-1356.	7.9	12
4065	Minocycline Prevents the Development of Key Features of Inflammation and Pain in DSS-induced Colitis in Mice. <i>Journal of Pain</i> , 2023, 24, 304-319.	0.7	2
4066	PLK4 Is a Potential Biomarker for Abnormal Tumor Proliferation, Immune Infiltration, and Prognosis in ccRCC. <i>Computational and Mathematical Methods in Medicine</i> , 2022, 2022, 1-21.	0.7	1
4067	Vitamin D3 alters macrophage phenotype and endosomal trafficking markers in dairy cattle naturally infected with <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	1
4068	Label-free imaging of M1 and M2 macrophage phenotypes in the human dermis in vivo using two-photon excited FLIM. <i>ELife</i> , 0, 11, .	2.8	9
4069	<i>Leishmania major</i> Strain-Dependent Macrophage Activation Contributes to Pathogenicity in the Absence of Lymphocytes. <i>Microbiology Spectrum</i> , 0, , .	1.2	4
4070	<i>Poria cocos</i> polysaccharides exert prebiotic function to attenuate the adverse effects and improve the therapeutic outcome of 5-FU in <i>ApcMin/+</i> mice. <i>Chinese Medicine</i> , 2022, 17, .	1.6	10
4071	The effect of mesenchymal stem cells and imatinib on macrophage polarization in rat model of liver fibrosis. <i>Cell Biology International</i> , 2023, 47, 135-143.	1.4	2
4072	Near-infrared Nrf2 activator IR-61 dye alleviates radiation-induced lung injury. <i>Free Radical Research</i> , 2022, 56, 411-426.	1.5	1

#	ARTICLE	IF	CITATIONS
4073	Significance of tumor-associated macrophages in bladder cancer development. <i>Uspehi Molekularnoj Onkologii</i> , 2022, 9, 8-14.	0.1	0
4074	Deficiency of MST1 in endometriosis related peritoneal macrophages promoted the autophagy of ectopic endometrial stromal cells by IL-10. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	3
4075	Expression of O-glycosylated oncofetal fibronectin in alternatively activated human macrophages. <i>Immunologic Research</i> , 0, , .	1.3	10
4076	<i>Lactobacillus plantarum</i> synergistically regulates M1 macrophage polarization in resistance against <i>Salmonella enterica</i> serovar Typhimurium infection. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	1
4077	Macrophages undergo a behavioural switch during wound healing in zebrafish. <i>Free Radical Biology and Medicine</i> , 2022, 192, 200-212.	1.3	10
4078	Tongxie-Yaofang formula regulated macrophage polarization to ameliorate DSS-induced colitis via NF- κ B/NLRP3 signaling pathway. <i>Phytomedicine</i> , 2022, 107, 154455.	2.3	4
4079	Understanding the Crosstalk Between Epigenetics and Immunometabolism to Combat Cancer. <i>Sub-Cellular Biochemistry</i> , 2022, , 581-616.	1.0	0
4080	Biocompatible, bacteria-targeting resveratrol nanoparticles fabricated by Mannich molecular condensation for accelerating infected wound healing. <i>Journal of Materials Chemistry B</i> , 2022, 10, 9280-9294.	2.9	7
4081	Development and Function of Macrophages. , 2022, , .		0
4082	The Role of Inflammasomes in the Pathogenesis of Neurodegenerative Diseases. <i>Neurochemical Journal</i> , 2022, 16, 271-282.	0.2	0
4083	Major pathways involved in macrophage polarization in cancer. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	47
4084	Tumor Microenvironment in Hepatocellular Carcinoma: Key Players for Immunotherapy. <i>Journal of Hepatocellular Carcinoma</i> , 0, Volume 9, 1109-1125.	1.8	11
4086	Astaxanthin Exerts Immunomodulatory Effect by Regulating SDH-HIF-1 α Axis and Reprogramming Mitochondrial Metabolism in LPS-Stimulated RAW264.7 Cells. <i>Marine Drugs</i> , 2022, 20, 660.	2.2	3
4087	Functional Modulation of Human Macrophages by Secreted Phospholipases A2: Implications in Cancer. <i>Biomedicines</i> , 2022, 10, 2763.	1.4	3
4089	<i>Streptococcus suis</i> Serotype 2 Infection Induces Splenomegaly with Splenocyte Apoptosis. <i>Microbiology Spectrum</i> , 0, , .	1.2	3
4090	Ureteral Obstruction Promotes Ureteral Inflammation and Fibrosis. <i>European Urology Focus</i> , 2023, 9, 371-380.	1.6	7
4091	Neuropeptide Y Promotes Human M2 Macrophage Polarization and Enhances p62/SQSTM1-Dependent Autophagy and NRF2 Activation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13009.	1.8	7
4092	Cellular Senescence in Immunity against Infections. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11845.	1.8	11

#	ARTICLE	IF	CITATIONS
4093	Dendritic Cells or Macrophages? The Microenvironment of Human Clear Cell Renal Cell Carcinoma Imprints a Mosaic Myeloid Subtype Associated with Patient Survival. <i>Cells</i> , 2022, 11, 3289.	1.8	2
4094	A transcriptomic analysis of the effects of macrophage polarization and endotoxin tolerance on the response to Salmonella. <i>PLoS ONE</i> , 2022, 17, e0276010.	1.1	1
4095	Receptor for Advanced Glycation End-Products Promotes Activation of Alveolar Macrophages through the NLRP3 Inflammasome/TXNIP Axis in Acute Lung Injury. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11659.	1.8	4
4096	Anticancer Tetrahydrocarbazoles: A Wide Journey from 2000 Till Date. <i>Letters in Drug Design and Discovery</i> , 2024, 21, 421-439.	0.4	0
4097	A case of palisaded neutrophilic and granulomatous dermatitis associated with systemic lupus erythematosus presenting with pustules. <i>Journal of Dermatology</i> , 0, , .	0.6	0
4098	Inflammatory priming with IL-1 β promotes the immunomodulatory behavior of adipose derived stem cells. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	4
4099	HDAC6-dependent deacetylation of TAK1 enhances sIL-6R release to promote macrophage M2 polarization in colon cancer. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	3
4100	In vitro characterization and cellular uptake profiles of TAMs-targeted lipid calcium carbonate nanoparticles for cancer immunotherapy. , 2022, 1, .		5
4101	Gut microbiota-derived succinate aggravates acute lung injury after intestinal ischaemia/reperfusion in mice. <i>European Respiratory Journal</i> , 2023, 61, 2200840.	3.1	15
4102	Immunomodulatory Biomaterials and Emerging Analytical Techniques for Probing the Immune Micro-Environment. <i>Tissue Engineering and Regenerative Medicine</i> , 2023, 20, 11-24.	1.6	7
4103	A study on the correlation between M2 macrophages and regulatory T cells in the progression of colorectal cancer. <i>International Journal of Biological Markers</i> , 2022, 37, 412-420.	0.7	4
4104	Endothelial progenitor cell (EPCs)-derived exosomal miR-30d-5p inhibits the inflammatory response of high glucose-impaired fibroblasts by affecting the M1/M2 polarization of macrophages. <i>Romanian Journal of Laboratory Medicine</i> , 2022, 30, 435-451.	0.1	1
4105	Tumor-associated macrophages in tumor progression and the role of traditional Chinese medicine in regulating TAMs to enhance antitumor effects. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	7
4106	Antitumor strategies targeting macrophages: the importance of considering the differences in differentiation/polarization processes between human and mouse macrophages. , 2022, 10, e005560.		7
4107	Macrophage subsets and their role: co-relation with colony-stimulating factor-1 receptor and clinical relevance. <i>Immunologic Research</i> , 2023, 71, 130-152.	1.3	9
4108	Multiplexed high-throughput immune cell imaging reveals molecular health-associated phenotypes. <i>Science Advances</i> , 2022, 8, .	4.7	13
4109	TIM3 Expression in Anaplastic-Thyroid-Cancer-Infiltrating Macrophages: An Emerging Immunotherapeutic Target. <i>Biology</i> , 2022, 11, 1609.	1.3	2
4110	Leverage biomaterials to modulate immunity for type 1 diabetes. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	1

#	ARTICLE	IF	CITATIONS
4111	TREM2 and Microglia Contribute to the Synaptic Plasticity: from Physiology to Pathology. <i>Molecular Neurobiology</i> , 2023, 60, 512-523.	1.9	8
4112	Imbalanced M1 and M2 Macrophage Polarization in Bone Marrow Provokes Impairment of the Hematopoietic Microenvironment in a Mouse Model of Hemophagocytic Lymphohistiocytosis. <i>Biological and Pharmaceutical Bulletin</i> , 2022, 45, 1602-1608.	0.6	3
4113	Loss of LXN promotes macrophage M2 polarization and PD-L2 expression contributing cancer immune-escape in mice. <i>Cell Death Discovery</i> , 2022, 8, .	2.0	2
4114	The Nurr7 agonist Cytosporone B differentially regulates inflammatory responses in human polarized macrophages. <i>Immunobiology</i> , 2022, 227, 152299.	0.8	5
4115	An In Vivo Model of Human Macrophages in Metastatic Melanoma. <i>Journal of Immunology</i> , 2022, 209, 606-620.	0.4	6
4116	Single-Cell Analysis Reveals the Range of Transcriptional States of Circulating Human Neutrophils. <i>Journal of Immunology</i> , 2022, 209, 772-782.	0.4	35
4117	Superparamagnetic Iron Oxide Nanoparticles for Immunotherapy of Cancers through Macrophages and Magnetic Hyperthermia. <i>Pharmaceutics</i> , 2022, 14, 2388.	2.0	16
4118	Integrated Analysis of Single-Cell and Bulk RNA-Sequencing Reveals a Tissue-Resident Macrophage-Related Signature for Predicting Immunotherapy Response in Breast Cancer Patients. <i>Cancers</i> , 2022, 14, 5506.	1.7	4
4119	EGFR tyrosine kinase activity and Rab GTPases coordinate EGFR trafficking to regulate macrophage activation in sepsis. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	8
4120	Evolving understandings for the roles of non-coding RNAs in autoimmunity and autoimmune disease. <i>Journal of Autoimmunity</i> , 2022, , 102948.	3.0	0
4122	M2 macrophage-related gene signature in chronic rhinosinusitis with nasal polyps. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	8
4123	Deletion of Antigen-Presenting Cells in Lipopolysaccharide-Induced Acute Kidney Injury (AKI) Affects the Exacerbation and Repair in AKI. <i>Current Issues in Molecular Biology</i> , 2022, 44, 5655-5665.	1.0	1
4124	“M1/M2” Muscularis Macrophages Are Associated with Reduction of Interstitial Cells of Cajal and Glial Cells in Achalasia. <i>Digestive Diseases and Sciences</i> , 0, , .	1.1	3
4125	Immune-modulation by 7, 8-diacetoxy-4-methylthiocoumarin in total body-irradiated mice: Implications for the mitigation of radiation-induced hematopoietic injury. <i>Life Sciences</i> , 2022, 311, 121140.	2.0	1
4126	ZHX2 in health and disease. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	4
4127	“In medio stat virtus”: Insights into hybrid E/M phenotype attitudes. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	6
4128	Decreasing effects of protein kinase inhibitors on the expression of NOS2 and inflammatory cytokines and on phagocytosis in rat peritoneal macrophages is partly related to repolarization. <i>Molecular Immunology</i> , 2023, 153, 10-24.	1.0	1
4129	Bone Marrow Immune Microenvironment in Myelodysplastic Syndromes. <i>Cancers</i> , 2022, 14, 5656.	1.7	9

#	ARTICLE	IF	CITATIONS
4130	Mesenchymal stem cell-derived exosomes regulate microglia phenotypes: a promising treatment for acute central nervous system injury. <i>Neural Regeneration Research</i> , 2022, .	1.6	5
4131	Graphene and its derivatives: â€œone stone, three birdsâ€ strategy for orthopedic implant-associated infections. <i>Biomaterials Science</i> , 0, , .	2.6	4
4132	Wounds under diabetic milieu: The role of immune cellular components and signaling pathways. <i>Biomedicine and Pharmacotherapy</i> , 2023, 157, 114052.	2.5	4
4133	Liposome-based nanoparticles impact on regulatory and effector phenotypes of macrophages and T cells in multiple Sclerosis patients. <i>Biomaterials</i> , 2023, 292, 121930.	5.7	3
4134	Pre-clinical and clinical importance of miR-21 in human cancers: Tumorigenesis, therapy response, delivery approaches and targeting agents. <i>Pharmacological Research</i> , 2023, 187, 106568.	3.1	13
4135	Role of lymphocytes, macrophages and immune receptors in suppression of tumor immunity. <i>Progress in Molecular Biology and Translational Science</i> , 2023, , 269-310.	0.9	3
4136	Comprehensive analysis of the correlation between GSTM1 and tumor immunity in colon cancer. <i>Journal of Gastrointestinal Oncology</i> , 2022, 13, 3025-3037.	0.6	1
4138	Phenolic Compounds Known to Be Present in Lingonberry (<i>Vaccinium vitis-idaea</i> L.) Enhance Macrophage Polarization towards the Anti-Inflammatory M2 Phenotype. <i>Biomedicines</i> , 2022, 10, 3045.	1.4	2
4139	The Patatinâ€™Like Phospholipase Domain Containing Protein 7 Regulates Macrophage Classical Activation through SIRT1/NF-ÎB and p38 MAPK Pathways. <i>International Journal of Molecular Sciences</i> , 2022, 23, 14983.	1.8	4
4140	Inhaled platelet vesicle-decoyed biomimetic nanoparticles attenuate inflammatory lung injury. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	4
4141	5-Methoxyflavone alleviates LPS-mediated lung injury by promoting Nrf2-mediated the suppression of NOX4/TLR4 axis in bronchial epithelial cells and M1 polarization in macrophages. <i>Journal of Inflammation</i> , 2022, 19, .	1.5	3
4142	Dioscin induces M1 macrophage polarization through Connexin-43 Channels in Tumor-associated-macrophages-mediated melanoma metastasis. <i>Phytomedicine</i> , 2023, 109, 154559.	2.3	3
4143	Cell-cell interactions that drive tumorigenesis in <i>Drosophila</i> . <i>Fly</i> , 2022, 16, 367-381.	0.9	2
4144	The Role of the Receptor for Advanced Glycation Endproducts (RAGE) in Type 1 Diabetes: An Immune Cell Perspective. , 0, , .		0
4146	Research Evidence of the Role of the Glymphatic System and Its Potential Pharmacological Modulation in Neurodegenerative Diseases. <i>Journal of Clinical Medicine</i> , 2022, 11, 6964.	1.0	11
4147	Inhaled particulate accumulation with age impairs immune function and architecture in human lung lymph nodes. <i>Nature Medicine</i> , 2022, 28, 2622-2632.	15.2	22
4148	Corrosion in Mg-alloy biomedical implants- the strategies to reduce the impact of the corrosion inflammatory reaction and microbial activity. <i>Journal of Magnesium and Alloys</i> , 2022, 10, 3306-3326.	5.5	20
4149	The mechanisms and cross-protection of trained innate immunity. <i>Virology Journal</i> , 2022, 19, .	1.4	3

#	ARTICLE	IF	CITATIONS
4150	Macrophage Membrane-Coated Liposomes as Controlled Drug Release Nanocarriers for Precision Treatment of Osteosarcoma. <i>ACS Applied Nano Materials</i> , 2022, 5, 18396-18408.	2.4	1
4151	Decidual macrophages in recurrent spontaneous abortion. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	10
4152	Knee Alignment Correction by High Tibial Osteotomy Reduces Symptoms and Synovial Inflammation in Knee Osteoarthritis Accompanied by Macrophage Phenotypic Change From <scp>M1</scp> to <scp>M2</scp>. <i>Arthritis and Rheumatology</i> , 2023, 75, 950-960.	2.9	7
4153	Polyelectrolyte Coating of Ferumoxytol Differentially Impacts the Labeling of Inflammatory and Steady-State Dendritic Cell Subtypes. <i>Biomedicines</i> , 2022, 10, 3137.	1.4	1
4154	Nanomaterials targeting macrophages in sepsis: A promising approach for sepsis management. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	8
4155	Tumor Growth Remains Refractory to Myc Ablation in Host Macrophages. <i>Cells</i> , 2022, 11, 4104.	1.8	0
4156	A Pathogenic Role for Fc γ RI in the Immune Response against Chlamydial Respiratory Infection. <i>Microorganisms</i> , 2023, 11, 39.	1.6	2
4157	Therapeutic potential of paeoniflorin in atherosclerosis: A cellular action and mechanism-based perspective. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	6
4158	LEP and LEPR are possibly a double-edged sword for wound healing. <i>Journal of Cellular Physiology</i> , 2023, 238, 355-365.	2.0	2
4159	Boolean modeling reveals that cyclic attractors in macrophage polarization serve as reservoirs of states to balance external perturbations from the tumor microenvironment. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	3
4160	Role of macrophage scavenger receptor MSR1 in the progression of non-alcoholic steatohepatitis. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	1
4161	Infiltration of LPAR5+ macrophages in osteosarcoma tumor microenvironment predicts better outcomes. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	2
4162	Tumor-Infiltrating Lymphocytes and Immune Response in HER2-Positive Breast Cancer. <i>Cancers</i> , 2022, 14, 6034.	1.7	6
4163	Hyperbaric oxygen therapy and chemokine administration - a combination with potential therapeutic value for treating diabetic wounds. <i>World Journal of Diabetes</i> , 0, 13, 1122-1130.	1.3	1
4164	Comprehensive Analysis of FASN in Tumor Immune Infiltration and Prognostic Value for Immunotherapy and Promoter DNA Methylation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15603.	1.8	4
4165	The relationship between nutrition and the immune system. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	18
4166	Relationship between Epithelial-to-Mesenchymal Transition and Tumor-Associated Macrophages in Colorectal Liver Metastases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 16197.	1.8	10
4167	A single-cell atlas of glioblastoma evolution under therapy reveals cell-intrinsic and cell-extrinsic therapeutic targets. <i>Nature Cancer</i> , 2022, 3, 1534-1552.	5.7	48

#	ARTICLE	IF	CITATIONS
4168	Role of the Hippo pathway in liver regeneration and repair: recent advances. <i>Inflammation and Regeneration</i> , 2022, 42, .	1.5	8
4169	CCL3 aggravates intestinal damage in NEC by promoting macrophage chemotaxis and M1 macrophage polarization. <i>Pediatric Research</i> , 2023, 94, 119-128.	1.1	5
4170	Targeting the CTLA-4/B7 axes in glioblastoma: preclinical evidence and clinical interventions. <i>Expert Opinion on Therapeutic Targets</i> , 2022, 26, 949-961.	1.5	4
4171	Targeting macrophages: a novel treatment strategy in solid tumors. <i>Journal of Translational Medicine</i> , 2022, 20, .	1.8	14
4172	Interferon Family Cytokines in Obesity and Insulin Sensitivity. <i>Cells</i> , 2022, 11, 4041.	1.8	7
4173	Engineered M2a macrophages for the treatment of osteoarthritis. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	7
4174	Vascular Grafts: Technology Success/Technology Failure. <i>BME Frontiers</i> , 2023, 4, .	2.2	3
4175	Gingival transcriptomic patterns of macrophage polarization during initiation, progression, and resolution of periodontitis. <i>Clinical and Experimental Immunology</i> , 2023, 211, 248-268.	1.1	2
4177	Immunized Microspheres Engineered Hydrogel Membrane for Reprogramming Macrophage and Mucosal Repair. <i>Small</i> , 2023, 19, .	5.2	11
4178	Impact of Patient Characteristics on the Outcomes of Patients with Gastrointestinal Cancers Treated with Immune Checkpoint Inhibitors. <i>Current Oncology</i> , 2023, 30, 786-802.	0.9	0
4179	Age-related Changes in Trigeminal Ganglion Macrophages Enhance Orofacial Ectopic Pain After Inferior Alveolar Nerve Injury. <i>In Vivo</i> , 2023, 37, 132-142.	0.6	3
4180	Exploring the potential function of trace elements in human health: a therapeutic perspective. <i>Molecular and Cellular Biochemistry</i> , 2023, 478, 2141-2171.	1.4	22
4181	Periostin activates distinct modules of inflammation and itching downstream of the type 2 inflammation pathway. <i>Cell Reports</i> , 2023, 42, 111933.	2.9	7
4182	Prognostic implications of histologic growth patterns and tumor-infiltrating macrophages in colorectal liver metastases. <i>Langenbeck's Archives of Surgery</i> , 2023, 408, .	0.8	0
4183	The hallmark and crosstalk of immune cells after intracerebral hemorrhage: Immunotherapy perspectives. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	3
4184	Antifibrotic Effects of Tetrahedral Framework Nucleic Acids by Inhibiting Macrophage Polarization and Macrophageâ€œMyofibroblast Transition in Bladder Remodeling. <i>Advanced Healthcare Materials</i> , 2023, 12, .	3.9	3
4185	Natural Cell Patches: Melanin Nanoparticles for MR Imagingâ€œGuided Antiatherosclerosis Therapy via Attenuating Macrophage Pyroptosis. <i>Advanced Functional Materials</i> , 2023, 33, .	7.8	3
4186	The Adipocyteâ€œMacrophage Relationship in Cancer: A Potential Target for Antioxidant Therapy. <i>Antioxidants</i> , 2023, 12, 126.	2.2	6

#	ARTICLE	IF	CITATIONS
4187	Macrophages: From Simple Phagocyte to an Integrative Regulatory Cell for Inflammation and Tissue Regeneration—A Review of the Literature. <i>Cells</i> , 2023, 12, 276.	1.8	10
4188	Infection of Pro- and Anti-Inflammatory Macrophages by Wild Type and Vaccine Strains of Measles Virus: NLRP3 Inflammasome Activation Independent of Virus Production. <i>Viruses</i> , 2023, 15, 260.	1.5	1
4189	Bacteroides-derived isovaleric acid enhances mucosal immunity by facilitating intestinal IgA response in broilers. <i>Journal of Animal Science and Biotechnology</i> , 2023, 14, .	2.1	7
4190	Arsenic causes distinct gene expression changes in macrophages polarized <i>in vitro</i> with either interferon- β or interleukin-4. <i>Toxicological Sciences</i> , 2023, 192, 83-96.	1.4	2
4191	Recent advances in macrophage-derived exosomes as delivery vehicles. , 2022, 1, e9130013.		8
4192	Immunological mechanisms involved in macrophage activation and polarization in schistosomiasis. <i>Parasitology</i> , 0, , 1-66.	0.7	2
4193	Harnessing electromagnetic fields to assist bone tissue engineering. <i>Stem Cell Research and Therapy</i> , 2023, 14, .	2.4	10
4194	Immunity orchestrates a bridge in gut-brain axis of neurodegenerative diseases. <i>Ageing Research Reviews</i> , 2023, 85, 101857.	5.0	6
4195	Epigenetic regulation of macrophage polarization in wound healing. <i>Burns and Trauma</i> , 2023, 11, .	2.3	14
4196	Functional Potassium Channels in Macrophages. <i>Journal of Membrane Biology</i> , 0, , .	1.0	1
4197	Epididymitis in mice experimentally infected with <i>Trypanosoma equiperdum</i> : a histopathological and immunohistochemical study. <i>Journal of Comparative Pathology</i> , 2023, 201, 1-9.	0.1	0
4198	IGF2 inhibits hippocampal over-activated microglia and alleviates depression-like behavior in LPS-treated male mice. <i>Brain Research Bulletin</i> , 2023, 194, 1-12.	1.4	4
4199	Cadmium contributes to atherosclerosis by affecting macrophage polarization. <i>Food and Chemical Toxicology</i> , 2023, 173, 113603.	1.8	5
4200	BCR-Associated Protein 31 Regulates Macrophages Polarization and Wound Healing Function via Early Growth Response 2/C/EBP β and IL-4R α /C/EBP β Pathways. <i>Journal of Immunology</i> , 2022, 209, 1059-1070.	0.4	4
4201	Mechanisms Underlying Neurodegenerative Disorders and Potential Neuroprotective Activity of Agrifood By-Products. <i>Antioxidants</i> , 2023, 12, 94.	2.2	7
4202	The Immunology of DLBCL. <i>Cancers</i> , 2023, 15, 835.	1.7	10
4203	Adipose tissue macrophages and their role in obesity-associated insulin resistance: an overview of the complex dynamics at play. <i>Bioscience Reports</i> , 2023, 43, .	1.1	13
4204	Mesenchymal Stem Cells and Their Exocytotic Vesicles. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2085.	1.8	5

#	ARTICLE	IF	CITATIONS
4205	Understanding the squamous cell carcinoma immune microenvironment. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	7
4207	RNA N6-methyladenosine methylation and skin diseases. <i>Autoimmunity</i> , 2023, 56, .	1.2	3
4208	Molecular Actors of Inflammation and Their Signaling Pathways: Mechanistic Insights from Zebrafish. <i>Biology</i> , 2023, 12, 153.	1.3	4
4209	A natural biological adhesive from snail mucus for wound repair. <i>Nature Communications</i> , 2023, 14, .	5.8	44
4210	Reversing the NK inhibitory tumor microenvironment by targeting suppressive immune effectors. , 2023, , 27-63.		1
4211	Engineering extracellular vesicles derived from macrophages for tumor therapy: a review. <i>Materials Advances</i> , 2023, 4, 1213-1225.	2.6	1
4212	Inflammation and the Potential Implication of Macrophage-Microglia Polarization in Human ASD: An Overview. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2703.	1.8	6
4213	Microglial Activation in Metal Neurotoxicity: Impact in Neurodegenerative Diseases. <i>BioMed Research International</i> , 2023, 2023, 1-27.	0.9	8
4214	Comprehensive analysis of SARS-CoV-2 receptor proteins in human respiratory tissues identifies alveolar macrophages as potential virus entry site. <i>Histopathology</i> , 2023, 82, 846-859.	1.6	0
4215	ROS-sensitive Crocin-loaded chitosan microspheres for lung targeting and attenuation of radiation-induced lung injury. <i>Carbohydrate Polymers</i> , 2023, 307, 120628.	5.1	3
4216	Bioactive fibrous scaffolds with programmable release of polypeptides regulate inflammation and extracellular matrix remodeling. <i>Regenerative Biomaterials</i> , 2023, 10, .	2.4	4
4217	Traditional Chinese medicine for colorectal cancer treatment: potential targets and mechanisms of action. <i>Chinese Medicine</i> , 2023, 18, .	1.6	7
4218	Combined saline and vildagliptin induced M2 macrophage polarization in hepatic injury induced by acute kidney injury. <i>PeerJ</i> , 0, 11, e14724.	0.9	2
4219	CD206+ tumor-associated macrophages interact with CD4+ tumor-infiltrating lymphocytes and predict adverse patient outcome in human laryngeal squamous cell carcinoma. <i>Journal of Translational Medicine</i> , 2023, 21, .	1.8	3
4220	Involvement of protumor macrophages in breast cancer progression and characterization of macrophage phenotypes. <i>Cancer Science</i> , 2023, 114, 2220-2229.	1.7	10
4221	Studying pulmonary fibrosis due to microbial infection via automated microscopic image analysis. <i>Frontiers in Microbiology</i> , 0, 14, .	1.5	0
4222	Clinical and biological heterogeneities in triple-negative breast cancer reveals a non-negligible role of HER2-low. <i>Breast Cancer Research</i> , 2023, 25, .	2.2	6
4223	Combined therapy with methotrexate nanoconjugate and dendritic cells with downregulated IL-10R expression modulates the tumor microenvironment and enhances the systemic anti-tumor immune response in MC38 murine colon carcinoma. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	2

#	ARTICLE	IF	CITATIONS
4224	Engineered drug delivery nanosystems for tumor microenvironment normalization therapy. <i>Nano Today</i> , 2023, 49, 101766.	6.2	5
4225	Activated macrophage membrane-coated nanoparticles relieve osteoarthritis-induced synovitis and joint damage. <i>Biomaterials</i> , 2023, 295, 122036.	5.7	17
4226	4-octyl itaconate ameliorates alveolar macrophage pyroptosis against ARDS via rescuing mitochondrial dysfunction and suppressing the cGAS/STING pathway. <i>International Immunopharmacology</i> , 2023, 118, 110104.	1.7	6
4227	Irisin drives macrophage anti-inflammatory differentiation via JAK2-STAT6-dependent activation of PPAR γ and Nrf2 signaling. <i>Free Radical Biology and Medicine</i> , 2023, 201, 98-110.	1.3	7
4228	Surface modification of biodegradable magnesium alloy with poly (L-lactic acid) and sulfonated hyaluronic acid nanoparticles for cardiovascular application. <i>International Journal of Biological Macromolecules</i> , 2023, 237, 124191.	3.6	10
4229	Ductal delivery of extracellular vesicles promote the recovery from salivary gland inflammation. <i>Journal of Controlled Release</i> , 2023, 357, 235-248.	4.8	1
4230	Macrophages M2 polarization is involved in lapatinib-mediated chemopreventive effects in the lung cancer. <i>Biomedicine and Pharmacotherapy</i> , 2023, 161, 114527.	2.5	3
4231	The role of metabolic reprogramming of tumor-associated macrophages in shaping the immunosuppressive tumor microenvironment. <i>Biomedicine and Pharmacotherapy</i> , 2023, 161, 114504.	2.5	5
4232	Preferential production and secretion of the complement regulator factor H-like protein 1 (FHL-1) by human myeloid cells. <i>Immunobiology</i> , 2023, 228, 152364.	0.8	0
4233	Time-resolved single-cell transcriptomics reveals the landscape and dynamics of hepatic cells in sepsis-induced acute liver dysfunction. <i>JHEP Reports</i> , 2023, 5, 100718.	2.6	2
4234	Chamomile essential oils exert anti-inflammatory effects involving human and murine macrophages: Evidence to support a therapeutic action. <i>Journal of Ethnopharmacology</i> , 2023, 311, 116391.	2.0	4
4235	The tumor ecosystem in head and neck squamous cell carcinoma and advances in ecotherapy. <i>Molecular Cancer</i> , 2023, 22, .	7.9	8
4236	Metabolism in type 2 immune responses. <i>Immunity</i> , 2023, 56, 723-741.	6.6	7
4237	Possible immune mechanisms initiated by 7-ketocholesterol that contribute to synovial oxidative stress and inflammation. <i>Medical Hypotheses</i> , 2023, 175, 111078.	0.8	0
4238	Impact of radiation therapy on healthy tissues. <i>International Review of Cell and Molecular Biology</i> , 2023, , 69-98.	1.6	2
4239	TRPA1 as a potential factor and drug target in scleroderma: dermal fibrosis and alternative macrophage activation are attenuated in TRPA1-deficient mice in bleomycin-induced experimental model of scleroderma. <i>Arthritis Research and Therapy</i> , 2023, 25, .	1.6	1
4240	Inflammatory cytokine-enriched microenvironment plays key roles in the development of breast cancers. <i>Cancer Science</i> , 2023, 114, 1792-1799.	1.7	5
4241	The Long Noncoding RNA Gm9866/Nuclear Factor- κ B Axis Promotes Macrophage Polarization. <i>Mediators of Inflammation</i> , 2023, 2023, 1-10.	1.4	4

#	ARTICLE	IF	CITATIONS
4242	The Omega-3 Docosahexaenoyl Ethanolamide Reduces CCL5 Secretion in Triple Negative Breast Cancer Cells Affecting Tumor Progression and Macrophage Recruitment. <i>Cancers</i> , 2023, 15, 819.	1.7	4
4243	Navigating the marrow sea towards erythromyeloblastic islands under normal and inflammatory conditions. <i>Current Opinion in Hematology</i> , 2023, 30, 80-85.	1.2	1
4244	Ablation of myeloid discoidin domain receptor 2 exacerbates arthritis and high fat diet induced inflammation. <i>Biochemical and Biophysical Research Communications</i> , 2023, 649, 47-54.	1.0	2
4245	SARS-CoV-2 Spike Protein Activates Human Lung Macrophages. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3036.	1.8	6
4247	Effect of Ginseng Sapogenin Protopanaxadiol-Enriched Rice (DJ-PPD) on Immunomodulation. <i>Plants</i> , 2023, 12, 767.	1.6	1
4248	Wnt3a-Modified Nanofiber Scaffolds Facilitate Tendon Healing by Driving Macrophage Polarization during Repair. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 9010-9023.	4.0	5
4249	Nanowhiskers Orchestrate Bone Formation and Bone Defect Repair by Modulating Immune Cell Behavior. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 9120-9134.	4.0	3
4250	Control of the post-infarct immune microenvironment through biotherapeutic and biomaterial-based approaches. <i>Drug Delivery and Translational Research</i> , 2023, 13, 1983-2014.	3.0	3
4251	FGFR2 upregulates PAI-1 via JAK2/STAT3 signaling to induce M2 polarization of macrophages in colorectal cancer. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2023, 1869, 166665.	1.8	2
4252	Natural Plant Extract “Loganin: A Hypothesis for Psoriasis Treatment Through Inhibiting Oxidative Stress and Equilibrating Immunity via Regulation of Macrophage Polarization. <i>Clinical, Cosmetic and Investigational Dermatology</i> , 0, Volume 16, 407-417.	0.8	0
4253	Macrophage: Key player in the pathogenesis of autoimmune diseases. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	13
4254	CD83 expressed by macrophages is an important immune checkpoint molecule for the resolution of inflammation. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	9
4255	Targeting tumor-associated macrophages in hepatocellular carcinoma: biology, strategy, and immunotherapy. <i>Cell Death Discovery</i> , 2023, 9, .	2.0	18
4256	Caspase Inhibition Modulates Monocyte-Derived Macrophage Polarization in Damaged Tissues. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4151.	1.8	1
4257	Phenotypic, functional and plasticity features of human PBMCs induced by venom secreted PLA2s. <i>Molecular Immunology</i> , 2023, 155, 135-152.	1.0	2
4258	Non-Parenchymal Cells and the Extracellular Matrix in Hepatocellular Carcinoma in Non-Alcoholic Fatty Liver Disease. <i>Cancers</i> , 2023, 15, 1308.	1.7	3
4259	Hydroxytyrosol ameliorates LPS-induced acute liver injury (ALI) in mice by modulating the balance between M1/M2 phenotype macrophage and inhibiting TLR4/NF- κ B activation. <i>Journal of Functional Foods</i> , 2023, 102, 105455.	1.6	1
4260	Transcriptomic Analysis of Macrophage Polarization Protocols: Vitamin D3 or IL-4 and IL-13 Do Not Polarize THP-1 Monocytes into Reliable M2 Macrophages. <i>Biomedicines</i> , 2023, 11, 608.	1.4	2

#	ARTICLE	IF	CITATIONS
4261	Translational implications of humoral and cellular immune dysfunction in granulomatosis with polyangiitis. <i>Cytokine</i> , 2023, 164, 156154.	1.4	3
4262	Spatial Distribution of Macrophage Subtypes Among Rejection Subtypes in Renal Transplant Biopsies by Dual Immunohistochemistry. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2023, 31, 224-231.	0.6	1
4263	Histone deacetylase 8 inhibition prevents the progression of peritoneal fibrosis by counteracting the epithelial-mesenchymal transition and blockade of M2 macrophage polarization. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	3
4264	Macrophage " tumor cell interaction beyond cytokines. <i>Frontiers in Oncology</i> , 0, 13, .	1.3	2
4265	Placenta exosomal miRNA-30d-5p facilitates decidual macrophage polarization by targeting HDAC9. <i>Journal of Leukocyte Biology</i> , 2023, 113, 434-444.	1.5	1
4266	11,12-EET Regulates PPAR- β Expression to Modulate TGF- β -Mediated Macrophage Polarization. <i>Cells</i> , 2023, 12, 700.	1.8	0
4267	Single-cell analysis reveals TLR-induced macrophage heterogeneity and quorum sensing dictate population wide anti-inflammatory feedback in response to LPS. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	6
4268	Single-cell chemokine receptor profiles delineate the immune contexture of tertiary lymphoid structures in head and neck squamous cell carcinoma. <i>Cancer Letters</i> , 2023, 558, 216105.	3.2	3
4269	The anti-hepatocellular carcinoma effects of polysaccharides from <i>Ganoderma lucidum</i> by regulating macrophage polarization via the MAPK/NF- κ B signaling pathway. <i>Food and Function</i> , 2023, 14, 3155-3168.	2.1	5
4270	Invasion characteristics and clinical significance of tumor-associated macrophages in gastrointestinal Krukenberg tumors. <i>Frontiers in Oncology</i> , 0, 13, .	1.3	2
4271	Macrophages as potential targets in gene therapy for cancer treatment. <i>Exploration of Targeted Anti-tumor Therapy</i> , 0, , 89-101.	0.5	2
4272	The Pathological Activation of Microglia Is Modulated by Sexually Dimorphic Pathways. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4739.	1.8	2
4273	Lung microRNAs Expression in Lung Cancer and COPD: A Preliminary Study. <i>Biomedicines</i> , 2023, 11, 736.	1.4	1
4274	Palmitic acid combined with β -interferon inhibits gastric cancer progression by modulating tumor-associated macrophages TM polarization via the TLR4 pathway. <i>Journal of Cancer Research and Clinical Oncology</i> , 2023, 149, 7053-7067.	1.2	2
4275	Knockdown of deleterious miRNA in progenitor cell-derived small extracellular vesicles enhances tissue repair in myocardial infarction. <i>Science Advances</i> , 2023, 9, .	4.7	3
4276	Multiple myeloma cell-derived exosomes promote tumor favorable functional performance by polarization of macrophages toward M2 like cells. <i>Apmis</i> , 0, , .	0.9	0
4277	The Chelating Ability of Plant Polyphenols Can Affect Iron Homeostasis and Gut Microbiota. <i>Antioxidants</i> , 2023, 12, 630.	2.2	11
4278	Transcription factor EB as a key molecular factor in human health and its implication in diseases. <i>SAGE Open Medicine</i> , 2023, 11, 205031212311572.	0.7	3

#	ARTICLE	IF	CITATIONS
4279	Revisiting Host-Pathogen Interactions in Cystic Fibrosis Lungs in the Era of CFTR Modulators. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5010.	1.8	5
4280	Macrophage Polarization: An Important Candidate Regulator for Lung Diseases. <i>Molecules</i> , 2023, 28, 2379.	1.7	8
4281	Protective Effects of Cannabis in Neuroinflammation-Mediated Alzheimer's Disease. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2023, , 48-75.	0.1	1
4282	Unravelling the role of EMT in OSCC: A quick peek into HPV-mediated pathogenesis. , 2023, 5, 100016.		1
4283	Extracellular matrix stiffnessâ€™The central cue for skin fibrosis. <i>Frontiers in Molecular Biosciences</i> , 0, 10, .	1.6	5
4284	Exosomal cargos-mediated metabolic reprogramming in tumor microenvironment. <i>Journal of Experimental and Clinical Cancer Research</i> , 2023, 42, .	3.5	19
4285	Macrophage-Specific Coxsackievirus and Adenovirus Receptor Deletion Enhances Macrophage M1 Polarity in CVB3-Induced Myocarditis. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5309.	1.8	1
4287	Transcriptomic Establishment of Pig Macrophage Polarization Signatures. <i>Current Issues in Molecular Biology</i> , 2023, 45, 2338-2350.	1.0	0
4288	Ginaton reduces M1-polarized macrophages in hypertensive cardiac remodeling via NF- κ B signaling. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	3
4289	Metformin Attenuates the Inflammatory Response via the Regulation of Synovial M1 Macrophage in Osteoarthritis. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5355.	1.8	4
4290	Low-intensity pulsed ultrasound promotes skeletal muscle regeneration via modulating the inflammatory immune microenvironment. <i>International Journal of Biological Sciences</i> , 2023, 19, 1123-1145.	2.6	12
4291	The Dual Benefit of Sulfasalazine on Pneumocystis Pneumonia-Related Immunopathogenesis and Antifungal Host Defense Does Not Require IL-4R α -Dependent Macrophage Polarization. <i>Infection and Immunity</i> , 2023, 91, .	1.0	1
4292	Novel strategy for oncogenic alteration-induced lipid metabolism reprogramming in pancreatic cancer. <i>Acta Biochimica Et Biophysica Sinica</i> , 2023, , .	0.9	1
4293	Advances in Magnetic Resonance Imaging in Multiple Sclerosis. , 0, , .		0
4294	Inhibition of LXR controls the polarization of human inflammatory macrophages through upregulation of MAFB. <i>Cellular and Molecular Life Sciences</i> , 2023, 80, .	2.4	3
4295	The role of immunometabolism in macrophage polarization and its impact on acute lung injury/acute respiratory distress syndrome. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	5
4296	The Related Mechanisms Predicted through Network-Based Pharmacological Analysis and the Anti-Inflammatory Effects of <i>Fraxinus rhynchophylla</i> Hance Bark on Contact Dermatitis in Mice. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6091.	1.8	1
4297	Microglia Mediated Neuroinflammation in Parkinsonâ€™s Disease. <i>Cells</i> , 2023, 12, 1012.	1.8	19

#	ARTICLE	IF	CITATIONS
4298	miR-147a targets ZEB2 to regulate ox-LDL-induced monocyte adherence to HUVECs, atherosclerotic plaque formation, and stability in atherosclerosis. <i>Journal of Biological Chemistry</i> , 2023, 299, 104657.	1.6	2
4299	Pan-cancer analysis of <i>BRK1</i> as a potential immunotherapeutic target. <i>Biotechnology and Genetic Engineering Reviews</i> , 0, , 1-23.	2.4	1
4300	Immunometabolic interference between cancer and COVID-19. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	2
4301	The Role of Cytokines in Cholesterol Accumulation in Cells and Atherosclerosis Progression. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6426.	1.8	5
4302	Idiopathic Pulmonary Fibrosis and Post-COVID-19 Lung Fibrosis: Links and Risks. <i>Microorganisms</i> , 2023, 11, 895.	1.6	13
4303	A systematic review comparing the macrophage inflammatory response to hydrophobic and hydrophilic sandblasted large grit, acid-etched titanium or titanium-zirconium surfaces during in vitro studies. <i>Clinical and Experimental Dental Research</i> , 2023, 9, 437-448.	0.8	2
4304	Innate immune cellular therapeutics in transplantation. , 0, 2, .		0
4305	Advances in the role of STAT3 in macrophage polarization. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	25
4306	Luteolin-Zn Complex Inhibits Invasion and Migration of M2-Like TAMs via the Downregulation of <i>AMPK/mTOR</i> and <i>PI3K/Akt/mTOR</i> Signaling Pathway Under Hypoxia. <i>Natural Product Communications</i> , 2023, 18, 1934578X2311679.	0.2	0
4307	Allergic Airway Diseases. , 2023, , 551-560.		0
4308	Mild treadmill exercise inhibits cartilage degeneration via macrophages in an osteoarthritis mouse model. <i>Osteoarthritis and Cartilage Open</i> , 2023, 5, 100359.	0.9	1
4309	A novel patient-derived 3D model recapitulates mantle cell lymphoma lymph node signaling, immune profile and in vivo ibrutinib responses. <i>Leukemia</i> , 2023, 37, 1311-1323.	3.3	5
4310	Adipose Tissue Remodeling in Obesity: An Overview of the Actions of Thyroid Hormones and Their Derivatives. <i>Pharmaceuticals</i> , 2023, 16, 572.	1.7	3
4311	In Situ Sustained Macrophage-Targeted Nanomicelle-Hydrogel Microspheres for Inhibiting Osteoarthritis. <i>Research</i> , 2023, 6, .	2.8	5
4312	The Effect of Titanium Surface Topography on Adherent Macrophage Integrin and Cytokine Expression. <i>Journal of Functional Biomaterials</i> , 2023, 14, 211.	1.8	1
4313	Naproxen-Derived New Compound Inhibits the NF- κ B, MAPK and PI3K/Akt Signaling Pathways Synergistically with Resveratrol in RAW264.7 Cells. <i>Molecules</i> , 2023, 28, 3395.	1.7	0
4314	Formyl Peptide Receptor Type 2 Deficiency in Myeloid Cells Amplifies Sepsis-Induced Cardiac Dysfunction. <i>Journal of Innate Immunity</i> , 2023, 15, 548-561.	1.8	1
4315	<i>E. coli</i> Phagelysate: A Primer to Enhance Nanoparticles and Drug Deliveries in Tumor. <i>Cancers</i> , 2023, 15, 2315.	1.7	0

#	ARTICLE	IF	CITATIONS
4316	CCL2-Mediated Stromal Interactions Drive Macrophage Polarization to Increase Breast Tumorigenesis. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7385.	1.8	3
4317	The Use of Specialized Pro-Resolving Mediators in Biomaterial-Based Immunomodulation. <i>Journal of Functional Biomaterials</i> , 2023, 14, 223.	1.8	2
4318	Reprogramming tumor-associated macrophages as a unique approach to target tumor immunotherapy. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	14
4319	Duvelisib Eliminates CLL B Cells, Impairs CLL-Supporting Cells, and Overcomes Ibrutinib Resistance in a Xenograft Model. <i>Clinical Cancer Research</i> , 2023, 29, 1984-1995.	3.2	1
4320	Silencing miR-21-5p in sensory neurons reverses neuropathic allodynia via activation of TGF- β -related pathway in macrophages. <i>Journal of Clinical Investigation</i> , 2023, 133, .	3.9	5
4321	Modulation of macrophage polarization by iron-based nanoparticles. <i>Medical Review</i> , 2023, 3, 105-122.	0.3	1
4322	Role of macrophages in pulmonary arterial hypertension. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	5
4323	M2-like macrophages polarized by Foxp3 ^{hi} Treg cells ameliorate imiquimod-induced psoriasis. <i>Journal of Cellular and Molecular Medicine</i> , 0, , .	1.6	0
4324	Epigenomic regulation of macrophage polarization: Where do the nuclear receptors belong?. <i>Immunological Reviews</i> , 2023, 317, 152-165.	2.8	4
4327	Tetramerization of STAT5 regulates monocyte differentiation and the dextran sulfate sodium-induced colitis in mice. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	0
4378	The potential role of herbal medicine and nutraceutical in neuroinflammatory disorders: A mechanistic insight via multisingaling cascades. , 2023, , 501-524.		0
4408	Macrophages in immunoregulation and therapeutics. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	7.1	107
4458	Supramolecular Immunotherapy on Diversiform Immune Cells. <i>Journal of Materials Chemistry B</i> , 0, , .	2.9	0
4464	Macrophage-mimetic nanomedicines for the treatment of diseases. , 2023, , 63-89.		0
4479	The phospholipase A2 superfamily and its role in chronic inflammatory conditions with relation to adjuvant cells. , 2023, , 111-126.		0
4502	The crosstalk between enteric nervous system and immune system in intestinal development, homeostasis and diseases. <i>Science China Life Sciences</i> , 2024, 67, 41-50.	2.3	1
4515	Radiotherapy remodels the tumor microenvironment for enhancing immunotherapeutic sensitivity. <i>Cell Death and Disease</i> , 2023, 14, .	2.7	6
4544	Macrophage polarization guided by immunomodulatory hydrogels. , 2024, , 765-782.		0

#	ARTICLE	IF	CITATIONS
4575	Influence of chronic low-grade inflammation on the systemic inflammatory response. , 0, , .		0
4651	Macrophage-based therapeutic approaches for cardiovascular diseases. <i>Basic Research in Cardiology</i> , 2024, 119, 1-33.	2.5	0
4666	Study progress in regulating microglia in Alzheimer's disease. , 2024, , .		0
4676	The Pathophysiology of Hepatic Encephalopathy at the Level of Gut-Liver-Brain Axis: The Role of Resident Innate Immune Cells. , 0, , .		0
4682	Macrophage Polarization and Osteoclast Differentiation. <i>Methods in Molecular Biology</i> , 2024, , 247-261.	0.4	0
4707	Targeting M2-like tumor-associated macrophages is a potential therapeutic approach to overcome antitumor drug resistance. <i>Npj Precision Oncology</i> , 2024, 8, .	2.3	0
4710	Bioactive Ions-Loaded Biopinks Primed for 3D Printing of Artificial Tissues. , 0, , .		0