Targeting macrophages: therapeutic approaches in cano

Nature Reviews Drug Discovery 17, 887-904 DOI: 10.1038/nrd.2018.169

Citation Report

#	Article	IF	CITATIONS
1	Tuning the Tumor Myeloid Microenvironment to Fight Cancer. Frontiers in Immunology, 2019, 10, 1611.	4.8	96
2	Ontogeny of Tumor-Associated Macrophages. Frontiers in Immunology, 2019, 10, 1799.	4.8	174
3	NAD-Biosynthetic and Consuming Enzymes as Central Players of Metabolic Regulation of Innate and Adaptive Immune Responses in Cancer. Frontiers in Immunology, 2019, 10, 1720.	4.8	52
4	Docking protein-1 promotes inflammatory macrophage signaling in gastric cancer. Oncolmmunology, 2019, 8, e1649961.	4.6	14
5	Inflammation and Cancer: Triggers, Mechanisms, and Consequences. Immunity, 2019, 51, 27-41.	14.3	1,946
6	Subtyping of microsatellite instability-high colorectal cancer. Cell Communication and Signaling, 2019, 17, 79.	6.5	42
7	Lymphoma Chemotherapy: Hungry Macrophages Strike the Final Blow. Cancer Discovery, 2019, 9, 834-836.	9.4	2
8	Selective targeting of tumor cells and tumor associated macrophages separately by twin-like core–shell nanoparticles for enhanced tumor-localized chemoimmunotherapy. Nanoscale, 2019, 11, 13934-13946.	5.6	71
9	Macrophages and Metabolism in the Tumor Microenvironment. Cell Metabolism, 2019, 30, 36-50.	16.2	933
10	Emerging Approaches of Cellâ€Based Nanosystems to Target Cancer Metastasis. Advanced Functional Materials, 2019, 29, 1903441.	14.9	41
11	ADP secreted by dying melanoma cells mediates chemotaxis and chemokine secretion of macrophages via the purinergic receptor P2Y12. Cell Death and Disease, 2019, 10, 760.	6.3	18
12	Resveratrol differentially modulates immune responses in human THP-1 monocytes and macrophages. Nutrition Research, 2019, 72, 57-69.	2.9	14
13	<p>Tumor-Associated Macrophages (TAMs): A Critical Activator In Ovarian Cancer Metastasis</p> . OncoTargets and Therapy, 2019, Volume 12, 8687-8699.	2.0	64
14	Arginase-1-based vaccination against the tumor microenvironment: the identification of an optimal T-cell epitope. Cancer Immunology, Immunotherapy, 2019, 68, 1901-1907.	4.2	16
15	Response to Letter to the Editor: "Macrophages Promote Growth of Squamous Cancer Independent of T Cells― Journal of Dental Research, 2019, 98, 1398-1398.	5.2	1
16	siRNA therapeutics for breast cancer: recent efforts in targeting metastasis, drug resistance, and immune evasion. Translational Research, 2019, 214, 105-120.	5.0	48
17	Immunosuppression by monocytic myeloid-derived suppressor cells in patients with pancreatic ductal carcinoma is orchestrated by STAT3. , 2019, 7, 255.		123
18	Yeast glucan particles enable intracellular protein delivery in <i>Drosophila</i> without compromising the immune system. Biomaterials Science, 2019, 7, 4708-4719.	5.4	13

TATION REDO

#	Article	IF	CITATIONS
19	Discovery of potent ureido tetrahydrocarbazole derivatives for cancer treatments through targeting tumor-associated macrophages. European Journal of Medicinal Chemistry, 2019, 183, 111741.	5.5	10
20	Tumors vs. Chronic Wounds: An Immune Cell's Perspective. Frontiers in Immunology, 2019, 10, 2178.	4.8	52
21	Beneficial modulation of the tumor microenvironment and generation of anti-tumor responses by TLR9 agonist lefitolimod alone and in combination with checkpoint inhibitors. OncoImmunology, 2019, 8, e1659096.	4.6	26
22	Latest Advances in Targeting the Tumor Microenvironment for Tumor Suppression. International Journal of Molecular Sciences, 2019, 20, 4719.	4.1	48
23	Iron chelated melanin-like nanoparticles for tumor-associated macrophage repolarization and cancer therapy. Biomaterials, 2019, 225, 119515.	11.4	118
24	IL-4/IL-13 Stimulated Macrophages Enhance Breast Cancer Invasion Via Rho-GTPase Regulation of Synergistic VEGF/CCL-18 Signaling. Frontiers in Oncology, 2019, 9, 456.	2.8	63
25	Optimized fractionated radiotherapy with anti-PD-L1 and anti-TIGIT: a promising new combination. , 2019, 7, 160.		132
26	Nanoparticles from Cuttlefish Ink Inhibit Tumor Growth by Synergizing Immunotherapy and Photothermal Therapy. ACS Nano, 2019, 13, 8618-8629.	14.6	141
27	Catecholamines contribute to the neovascularization of lung cancer via tumor-associated macrophages. Brain, Behavior, and Immunity, 2019, 81, 111-121.	4.1	44
28	Passing the Vascular Barrier: Endothelial Signaling Processes Controlling Extravasation. Physiological Reviews, 2019, 99, 1467-1525.	28.8	181
29	Molecular Profiling and Functional Analysis of Macrophage-Derived Tumor Extracellular Vesicles. Cell Reports, 2019, 27, 3062-3080.e11.	6.4	118
30	A β-1,3/1,6-glucan from Durvillaea Antarctica inhibits tumor progression in vivo as an immune stimulator. Carbohydrate Polymers, 2019, 222, 114993.	10.2	26
31	Macrophage-expressed CD51 promotes cancer stem cell properties via the TGF-β1/smad2/3 axis in pancreatic cancer. Cancer Letters, 2019, 459, 204-215.	7.2	48
32	Novel analogs of sulfasalazine as system x _c ^{â^'} antiporter inhibitors: Insights from the molecular modeling studies. Drug Development Research, 2019, 80, 758-777.	2.9	23
33	Senescent thyrocytes and thyroid tumor cells induce M2-like macrophage polarization of human monocytes via a PGE2-dependent mechanism. Journal of Experimental and Clinical Cancer Research, 2019, 38, 208.	8.6	43
34	Peripheral memory T cells specific for Arginase-1. Cellular and Molecular Immunology, 2019, 16, 718-719.	10.5	13
35	Macrophages in Colorectal Cancer Liver Metastases. Cancers, 2019, 11, 633.	3.7	47
36	Activated Fibroblast Program Orchestrates Tumor Initiation and Progression; Molecular Mechanisms and the Associated Therapeutic Strategies. International Journal of Molecular Sciences, 2019, 20, 2256.	4.1	97

		CITATION REPORT	
#	Article	IF	CITATIONS
37	Re-education of macrophages as a therapeutic strategy in cancer. Immunotherapy, 2019, 11, 677-689.	2.0	124
38	Facing the future: challenges and opportunities in adoptive T cell therapy in cancer. Expert Opinion on Biological Therapy, 2019, 19, 811-827.	3.1	27
39	CCL2/CCR2 Axis Promotes the Progression of Salivary Adenoid Cystic Carcinoma via Recruiting and Reprogramming the Tumor-Associated Macrophages. Frontiers in Oncology, 2019, 9, 231.	2.8	54
40	Macrophage interference on chemotherapy. Nature Cell Biology, 2019, 21, 411-412.	10.3	6
41	Human Tumor-Associated Macrophage and Monocyte Transcriptional Landscapes Reveal Cancer-Specific Reprogramming, Biomarkers, and Therapeutic Targets. Cancer Cell, 2019, 35, 588-602.e10.	16.8	636
42	Targeting Tumor-Associated Macrophages in Cancer. Trends in Immunology, 2019, 40, 310-327.	6.8	660
43	Tailoring Nanomaterials for Targeting Tumorâ€Associated Macrophages. Advanced Materials, 2019, 31, e1808303.	21.0	223
44	A Single-Cell Atlas of the Tumor and Immune Ecosystem of Human Breast Cancer. Cell, 2019, 177, 1330-1345.e18.	28.9	547
45	Single-domain antibody fusion proteins can target and shuttle functional proteins into macrophage mannose receptor expressing macrophages. Journal of Controlled Release, 2019, 299, 107-120.	9.9	17
46	Genetic Redirection of T Cells for the Treatment of Pancreatic Cancer. Frontiers in Oncology, 2019, 9, 56.	2.8	36
47	Development of multi-drug loaded PEGylated nanodiamonds to inhibit tumor growth and metastasis in genetically engineered mouse models of pancreatic cancer. Nanoscale, 2019, 11, 22006-22018.	5.6	40
48	MDM2 inhibitor APG-115 synergizes with PD-1 blockade through enhancing antitumor immunity in the tumor microenvironment. , 2019, 7, 327.		88
49	Role of Tumor-Mediated Dendritic Cell Tolerization in Immune Evasion. Frontiers in Immunology, 2019, 10, 2876.	4.8	60
50	Active Nano-targeting of Macrophages. Current Pharmaceutical Design, 2019, 25, 1951-1961.	1.9	24
51	Lung Macrophages: Multifunctional Regulator Cells for Metastatic Cells. International Journal of Molecular Sciences, 2019, 20, 116.	4.1	22
52	Therapeutically exploiting STAT3 activity in cancer — using tissue repair as a road map. Nature Reviews Cancer, 2019, 19, 82-96.	28.4	354
53	Human macrophages and innate lymphoid cells: Tissue-resident innate immunity in humanized mice. Biochemical Pharmacology, 2020, 174, 113672.	4.4	10
54	câ€Fos separation from Lamin A/C by GDF15 promotes colon cancer invasion and metastasis in inflammatory microenvironment. Journal of Cellular Physiology, 2020, 235, 4407-4421.	4.1	39

ARTICLE IF CITATIONS # Graphitic carbon nitride quantum dots as analytical probe for viewing sialic acid on the surface of 5.4 26 55 cells and tissues. Analytica Chimica Acta, 2020, 1095, 204-211. Myeloid Cells in Metastasis. Cold Spring Harbor Perspectives in Medicine, 2020, 10, a038026. 6.2 29 Active fluidic chip produced using 3D-printing for combinatorial therapeutic screening on liver 57 10.1 13 tumor spheroid. Biosensors and Bioelectronics, 2020, 151, 111966. Immunological impact of cell death signaling driven by radiation on the tumor microenvironment. 14.5 218 Nature Immunology, 2020, 21, 120-134. Breast cancer cells promote CD169+ macrophage-associated immunosuppression through JAK2-mediated PD-L1 upregulation on macrophages. International Immunopharmacology, 2020, 78, 59 3.8 40 106012. Biomimetic and bioinspired strategies for oral drug delivery. Biomaterials Science, 2020, 8, 1020-1044. 5.4 Targeting SHP2 as a promising strategy for cancer immunotherapy. Pharmacological Research, 2020, 61 101 7.1 152, 104595. Methods for macrophage differentiation and in vitro generation of human tumor associated-like macrophages. Methods in Enzymology, 2020, 632, 113-131. 1.0 16 Current Strategies to Target Tumor-Associated-Macrophages to Improve Anti-Tumor Immune 63 4.1 196 Responses. Cells, 2020, 9, 46. Long-lived tumor-associated macrophages in glioma. Neuro-Oncology Advances, 2020, 2, vdaa127. Prognostic significance of tumor-associated macrophages: past, present and future. Seminars in 65 5.6 40 Immunology, 2020, 48, 101408. Imaging Cardiovascular and Lung Macrophages With the Positron Emission Tomography Sensor ⁶⁴ Cu-Macrin in Mice, Rabbits, and Pigs. Circulation: Cardiovascular Imaging, 2020, 13, 2.6 e010586. MNK2 governs the macrophage antiinflammatory phenotype. Proceedings of the National Academy of 67 7.1 24 Sciences of the United States of America, 2020, 117, 27556-27565. Synergistic effects of multiple myeloma cells and tumor-associated macrophages on vascular 2.5 endothelial cells in vitro. Medical Oncology, 2020, 37, 99. Systemic Reprogramming of Monocytes in Cancer. Frontiers in Oncology, 2020, 10, 1399. 69 2.8 68 Tumor-associated macrophages: A promising target for a cancer immunotherapeutic strategy. 68 Pharmacological Research, 2020, 161, 105111. Peptide-guided resiguimod-loaded lignin nanoparticles convert tumor-associated macrophages from 71 8.3 72 M2 to M1 phenotype for enhanced chemotherapy. Acta Biomaterialia, 2021, 133, 231-243. Emerging role of tumor cell plasticity in modifying therapeutic response. Signal Transduction and Targeted Therapy, 2020, 5, 228.

#	Article	IF	CITATIONS
73	Immune escape: A critical hallmark in solid tumors. Life Sciences, 2020, 258, 118110.	4.3	91
74	Tumor immune microenvironment and immune checkpoint inhibitors in esophageal squamous cell carcinoma. Cancer Science, 2020, 111, 3132-3141.	3.9	149
75	Disabled Homolog 2 Controls Prometastatic Activity of Tumor-Associated Macrophages. Cancer Discovery, 2020, 10, 1758-1773.	9.4	44
76	Intestinal Macrophages at the Crossroad between Diet, Inflammation, and Cancer. International Journal of Molecular Sciences, 2020, 21, 4825.	4.1	24
77	Dynamic changes in glioma macrophage populations after radiotherapy reveal CSF-1R inhibition as a strategy to overcome resistance. Science Translational Medicine, 2020, 12, .	12.4	170
78	Cationic Lipidâ€based Intracellular Delivery of Bacterial Effectors for Rewiring Malignant Cell Signaling. Angewandte Chemie - International Edition, 2020, 59, 18087-18094.	13.8	27
79	Tumor Microenvironment and Immunotherapy Response in Head and Neck Cancer. Cancers, 2020, 12, 3377.	3.7	35
80	<p>PD-L1 Expression is Highly Associated with Tumor-Associated Macrophage Infiltration in Nasopharyngeal Carcinoma</p> . Cancer Management and Research, 2020, Volume 12, 11585-11596.	1.9	17
81	Low Multiplication Value of Absolute Monocyte Count and Absolute Lymphocyte Count at Diagnosis May Predict Poor Prognosis in Neuroblastoma. Frontiers in Oncology, 2020, 10, 572413.	2.8	4
82	Cancer-associated hypersialylated MUC1 drives the differentiation of human monocytes into macrophages with a pathogenic phenotype. Communications Biology, 2020, 3, 644.	4.4	36
83	Wnt signaling in breast cancer: biological mechanisms, challenges and opportunities. Molecular Cancer, 2020, 19, 165.	19.2	217
84	Effect of Liposome-Encapsulated Zoledronic Acid on Microenvironment of Hepatocellular Carcinoma May Depend on the Ratio Between M1 and M2 Polarized Macrophages. Bulletin of Experimental Biology and Medicine, 2020, 170, 69-74.	0.8	2
85	New insights into the interaction of the immune system with non-small cell lung carcinomas. Translational Lung Cancer Research, 2020, 9, 2199-2213.	2.8	11
86	Nanomedicines modulating tumor immunosuppressive cells to enhance cancer immunotherapy. Acta Pharmaceutica Sinica B, 2020, 10, 2054-2074.	12.0	65
87	Deformable liposomal codelivery of vorinostat and simvastatin promotes antitumor responses through remodeling tumor microenvironment. Biomaterials Science, 2020, 8, 7166-7176.	5.4	11
88	Active-Targeting NIR-II Phototheranostics in Multiple Tumor Models Using Platelet-Camouflaged Nanoprobes. ACS Applied Materials & Interfaces, 2020, 12, 55624-55637.	8.0	39
89	Early macrophage infiltrates impair pancreatic cancer cell growth by TNF-α secretion. BMC Cancer, 2020, 20, 1183.	2.6	21
90	A Highlight of the Mechanisms of Immune Checkpoint Blocker Resistance. Frontiers in Cell and Developmental Biology, 2020, 8, 580140.	3.7	10

	CITATION	CITATION REPORT	
#	ARTICLE	IF	CITATIONS
91	Immunotherapy Targeting Tumor-Associated Macrophages. Frontiers in Medicine, 2020, 7, 583708.	2.6	15
92	Lactic Acid and an Acidic Tumor Microenvironment suppress Anticancer Immunity. International Journal of Molecular Sciences, 2020, 21, 8363.	4.1	171
93	Tissue-engineered 3D cancer microenvironment for screening therapeutics. , 2020, , 453-479.		2
94	Androgen and Androgen Receptors as Regulators of Monocyte and Macrophage Biology in the Healthy and Diseased Lung. Frontiers in Immunology, 2020, 11, 1698.	4.8	39
95	TREM2 Modulation Remodels the Tumor Myeloid Landscape Enhancing Anti-PD-1 Immunotherapy. Cell, 2020, 182, 886-900.e17.	28.9	309
96	Cationic Lipidâ€based Intracellular Delivery of Bacterial Effectors for Rewiring Malignant Cell Signaling. Angewandte Chemie, 2020, 132, 18243-18250.	2.0	9
97	Tumor Microenvironment in Ovarian Cancer: Function and Therapeutic Strategy. Frontiers in Cell and Developmental Biology, 2020, 8, 758.	3.7	97
98	Myeloid Cells as Clinical Biomarkers for Immune Checkpoint Blockade. Frontiers in Immunology, 2020, 11, 1590.	4.8	50
99	M1 ^{hot} tumor-associated macrophages boost tissue-resident memory T cells infiltration and survival in human lung cancer. , 2020, 8, e000778.		99
100	Nanomedicine therapies modulating Macrophage Dysfunction: a potential strategy to attenuate Cytokine Storms in severe infections. Theranostics, 2020, 10, 9591-9600.	10.0	36
101	Targeting the Tumor Microenvironment in Neuroblastoma: Recent Advances and Future Directions. Cancers, 2020, 12, 2057.	3.7	48
102	A Darker Side to Retinoic Acid Revealed by Sarcomas. New England Journal of Medicine, 2020, 383, 491-493.	27.0	3
103	Potential and unsolved problems of anti-PD-1/PD-L1 therapy combined with radiotherapy. Tumori, 2020, 107, 030089162094038.	1.1	8
104	The immune contexture and Immunoscore in cancer prognosis and therapeutic efficacy. Nature Reviews Cancer, 2020, 20, 662-680.	28.4	860
105	Changes in Immunological Status in Patients With Metastatic Colorectal Cancer Treated With First-line Chemoimmunotherapy. Anticancer Research, 2020, 40, 4763-4771.	1.1	0
106	Redefining Tumor-Associated Macrophage Subpopulations and Functions in the Tumor Microenvironment. Frontiers in Immunology, 2020, 11, 1731.	4.8	328
107	Targeting of CD163+ Macrophages in Inflammatory and Malignant Diseases. International Journal of Molecular Sciences, 2020, 21, 5497.	4.1	104
108	Tumor-Associated Macrophage Status in Cancer Treatment. Cancers, 2020, 12, 1987.	3.7	101

#	Article	IF	CITATIONS
109	USP7 targeting modulates anti-tumor immune response by reprogramming Tumor-associated Macrophages in Lung Cancer. Theranostics, 2020, 10, 9332-9347.	10.0	112
110	Cell Cycle Regulation in Macrophages and Susceptibility to HIV-1. Viruses, 2020, 12, 839.	3.3	14
111	Macrophages-stimulated PRMT1-mediated EZH2 methylation promotes breast cancer metastasis. Biochemical and Biophysical Research Communications, 2020, 533, 679-684.	2.1	19
112	Monocyte-derived macrophages promote breast cancer bone metastasis outgrowth. Journal of Experimental Medicine, 2020, 217, .	8.5	84
113	Expression of TAM-R in Human Immune Cells and Unique Regulatory Function of MerTK in IL-10 Production by Tolerogenic DC. Frontiers in Immunology, 2020, 11, 564133.	4.8	22
114	Cancer metastasis linked to macrophage size, shape, and metabolism. Journal of Experimental Medicine, 2020, 217, .	8.5	7
115	Glioblastoma Immune Landscape and the Potential of New Immunotherapies. Frontiers in Immunology, 2020, 11, 585616.	4.8	76
116	Unfolding innate mechanisms in the cancer microenvironment: The emerging role of the mesenchyme. Journal of Experimental Medicine, 2020, 217, .	8.5	11
117	Exploiting Manipulated Small Extracellular Vesicles to Subvert Immunosuppression at the Tumor Microenvironment through Mannose Receptor/CD206 Targeting. International Journal of Molecular Sciences, 2020, 21, 6318.	4.1	17
118	Metabolic programming of tumor associated macrophages in the context of cancer treatment. Annals of Translational Medicine, 2020, 8, 1028-1028.	1.7	16
119	Metabolic reprograming of tumor-associated macrophages. Annals of Translational Medicine, 2020, 8, 1030-1030.	1.7	55
120	Analyzing One Cell at a TIME: Analysis of Myeloid Cell Contributions in the Tumor Immune Microenvironment. Frontiers in Immunology, 2020, 11, 1842.	4.8	28
121	The Macrophages-Microbiota Interplay in Colorectal Cancer (CRC)-Related Inflammation: Prognostic and Therapeutic Significance. International Journal of Molecular Sciences, 2020, 21, 6866.	4.1	20
122	Targeted delivery of miR-99b reprograms tumor-associated macrophage phenotype leading to tumor regression. , 2020, 8, e000517.		37
123	A Biomimetic Polymer Magnetic Nanocarrier Polarizing Tumorâ€Associated Macrophages for Potentiating Immunotherapy. Small, 2020, 16, e2003543.	10.0	83
124	Tumor-on-a-chip platform to interrogate the role of macrophages in tumor progression. Integrative Biology (United Kingdom), 2020, 12, 221-232.	1.3	37
125	EI24 Inhibits Cell Proliferation and Drug Resistance of Esophageal Squamous Cell Carcinoma. Frontiers in Oncology, 2020, 10, 1570.	2.8	8
126	Tumorâ€Activated Sizeâ€Enlargeable Bioinspired Lipoproteins Access Cancer Cells in Tumor to Elicit Antiâ€Tumor Immune Responses. Advanced Materials, 2020, 32, e2002380.	21.0	43

#	Article	IF	CITATIONS
127	Tailored Chemodynamic Nanomedicine Improves Pancreatic Cancer Treatment via Controllable Damaging Neoplastic Cells and Reprogramming Tumor Microenvironment. Nano Letters, 2020, 20, 6780-6790.	9.1	47
128	Rapid tumor vaccine using Toll-like receptor-activated ovarian cancer ascites monocytes. , 2020, 8, e000875.		16
129	M2-like macrophages dictate clinically relevant immunosuppression in metastatic ovarian cancer. , 2020, 8, e000979.		60
130	In Silico Identification and Biological Evaluation of Antioxidant Food Components Endowed with Human Carbonic Anhydrase IX and XII Inhibition. Antioxidants, 2020, 9, 775.	5.1	5
131	Application of Anti-Inflammatory Agents in Prostate Cancer. Journal of Clinical Medicine, 2020, 9, 2680.	2.4	12
132	Tumor-Associated Macrophages in Tumor Immunity. Frontiers in Immunology, 2020, 11, 583084.	4.8	783
133	Thymosin β10 promotes tumor-associated macrophages M2 conversion and proliferation via the PI3K/Akt pathway in lung adenocarcinoma. Respiratory Research, 2020, 21, 328.	3.6	18
134	Assessing immune infiltration and the tumor microenvironment for the diagnosis and prognosis of sarcoma. Cancer Cell International, 2020, 20, 577.	4.1	29
135	Prognostic Value of a Ten-Gene Signature in HNSCC Patients Based on Tumor-Associated Macrophages Expression Profiling. Frontiers in Oncology, 2020, 10, 569002.	2.8	3
136	Macrophages in Osteosarcoma Immune Microenvironment: Implications for Immunotherapy. Frontiers in Oncology, 2020, 10, 586580.	2.8	42
137	Insights on TAM Formation from a Boolean Model of Macrophage Polarization Based on In Vitro Studies. Cancers, 2020, 12, 3664.	3.7	12
138	Nanoparticles for immunotherapy. Frontiers of Nanoscience, 2020, , 265-306.	0.6	8
139	Persistent Cancer Cells: The Deadly Survivors. Cell, 2020, 183, 860-874.	28.9	157
140	Development of a nano-immunomodulator encapsulating R837 and caffeine for combined radio-/immunotherapy against orthotopic breast cancer. Progress in Natural Science: Materials International, 2020, 30, 697-706.	4.4	6
141	CD8+ Tumour-Infiltrating Lymphocytes and Tumour Microenvironment Immune Types as Biomarkers for Immunotherapy in Sinonasal Intestinal-Type Adenocarcinoma. Vaccines, 2020, 8, 202.	4.4	15
142	Cellular and Molecular Changes of Brain Metastases-Associated Myeloid Cells during Disease Progression and Therapeutic Response. IScience, 2020, 23, 101178.	4.1	32
143	Harnessing nanomedicine to overcome the immunosuppressive tumor microenvironment. Acta Pharmacologica Sinica, 2020, 41, 970-985.	6.1	49
144	Senescence and Cancer: Role of Nitric Oxide (NO) in SASP. Cancers, 2020, 12, 1145.	3.7	14

#	Article	IF	CITATIONS
145	A Nitric Oxide (NO) Nanoreporter for Noninvasive Realâ€Time Imaging of Macrophage Immunotherapy. Advanced Materials, 2020, 32, e2000648.	21.0	67
146	Radiation therapy and the innate immune response: Clinical implications for immunotherapy approaches. British Journal of Clinical Pharmacology, 2020, 86, 1726-1735.	2.4	18
147	A Prognostic Immunoscore for Relapse-Free Survival Prediction in Colorectal Cancer. DNA and Cell Biology, 2020, 39, 1181-1193.	1.9	3
148	Glycolytic activation of monocytes regulates the accumulation and function of neutrophils in human hepatocellular carcinoma. Journal of Hepatology, 2020, 73, 906-917.	3.7	73
149	CAR-T Cells Hit the Tumor Microenvironment: Strategies to Overcome Tumor Escape. Frontiers in Immunology, 2020, 11, 1109.	4.8	165
150	Tumourâ€associated macrophages as a novel target of VEClâ€251 in cancer therapy. Journal of Cellular and Molecular Medicine, 2020, 24, 7884-7895.	3.6	7
151	Targeting Mononuclear Phagocyte Receptors in Cancer Immunotherapy: New Perspectives of the Triggering Receptor Expressed on Myeloid Cells (TREM-1). Cancers, 2020, 12, 1337.	3.7	14
152	Cellular microparticles for tumor targeting delivery: from bench to bedside. Chemical Communications, 2020, 56, 6171-6188.	4.1	11
153	The Tumor Microenvironment in the Response to Immune Checkpoint Blockade Therapies. Frontiers in Immunology, 2020, 11, 784.	4.8	339
154	Organic/inorganic nanocomposites for cancer immunotherapy. Materials Chemistry Frontiers, 2020, 4, 2571-2609.	5.9	38
155	IRE1α regulates macrophage polarization, PD-L1 expression, and tumor survival. PLoS Biology, 2020, 18, e3000687.	5.6	42
156	Exosomes: A Potential Therapeutic Tool Targeting Communications between Tumor Cells and Macrophages. Molecular Therapy, 2020, 28, 1953-1964.	8.2	40
157	Mechanisms of immune escape in the cancer immune cycle. International Immunopharmacology, 2020, 86, 106700.	3.8	85
158	Macrophages Derived From Human Induced Pluripotent Stem Cells Are Low-Activated "NaÃ⁻ve-Like―Cells Capable of Restricting Mycobacteria Growth. Frontiers in Immunology, 2020, 11, 1016.	4.8	21
159	Characterization of a Myeloid Activation Signature That Correlates with Survival in Melanoma Patients. Cancers, 2020, 12, 1431.	3.7	1
160	The TNFSF Members APRIL and BAFF and Their Receptors TACI, BCMA, and BAFFR in Oncology, With a Special Focus in Breast Cancer. Frontiers in Oncology, 2020, 10, 827.	2.8	23
161	Pretreatment serum neutrophil-to-lymphocyte and monocyte-to-lymphocyte ratios: Two tumor-related systemic inflammatory markers in patients with thymic epithelial tumors. Cytokine, 2020, 133, 155149.	3.2	6
162	Extracellular-Regulated Protein Kinase 5-Mediated Control of p21 Expression Promotes Macrophage Proliferation Associated with Tumor Growth and Metastasis. Cancer Research, 2020, 80, 3319-3330.	0.9	23

#	Article	IF	CITATIONS
163	Pro-tumorigenic functions of macrophages at the primary, invasive and metastatic tumor site. Cancer Immunology, Immunotherapy, 2020, 69, 1673-1697.	4.2	38
164	The Role of the Pentose Phosphate Pathway in Diabetes and Cancer. Frontiers in Endocrinology, 2020, 11, 365.	3.5	219
165	Metabolism in tumor microenvironment: Implications for cancer immunotherapy. MedComm, 2020, 1, 47-68.	7.2	93
166	Matrix-Targeting Immunotherapy Controls Tumor Growth and Spread by Switching Macrophage Phenotype. Cancer Immunology Research, 2020, 8, 368-382.	3.4	42
167	Caveolinâ€1 in oncogenic metabolic symbiosis. International Journal of Cancer, 2020, 147, 1793-1807.	5.1	13
168	Pharmacological targets of metabolism in disease: Opportunities from macrophages. , 2020, 210, 107521.		45
169	Exploiting the folate receptor \hat{I}_{\pm} in oncology. Nature Reviews Clinical Oncology, 2020, 17, 349-359.	27.6	262
170	Targeting macrophages: a novel avenue for cancer drug discovery. Expert Opinion on Drug Discovery, 2020, 15, 561-574.	5.0	28
171	Tumour travel tours – Why circulating cancer cells value company. Biomedical Journal, 2020, 43, 1-7.	3.1	4
172	Irradiated tumor cell–derived microparticles mediate tumor eradication via cell killing and immune reprogramming. Science Advances, 2020, 6, eaay9789.	10.3	139
173	Immune Escape during Breast Tumor Progression. Cancer Immunology Research, 2020, 8, 422-427.	3.4	73
174	Poor clinical outcomes of intratumoral dendritic cell–specific intercellular adhesion molecule 3–grabbing non-integrin–positive macrophages associated with immune evasion in gastric cancer. European Journal of Cancer, 2020, 128, 27-37.	2.8	28
175	Tumor-Associated Macrophages: Recent Insights and Therapies. Frontiers in Oncology, 2020, 10, 188.	2.8	401
176	How to use macrophages to realise the treatment of tumour. Journal of Drug Targeting, 2020, 28, 1034-1045.	4.4	8
177	Notch-Inflammation Networks in Regulation of Breast Cancer Progression. Cells, 2020, 9, 1576.	4.1	11
178	The history and advances in cancer immunotherapy: understanding the characteristics of tumor-infiltrating immune cells and their therapeutic implications. Cellular and Molecular Immunology, 2020, 17, 807-821.	10.5	1,136
179	Beta-1,6 glucan converts tumor-associated macrophages into an M1-like phenotype. Carbohydrate Polymers, 2020, 247, 116715.	10.2	18
180	Manipulating the function of tumor-associated macrophages by siRNA-loaded lipid nanoparticles for cancer immunotherapy. Journal of Controlled Release, 2020, 325, 235-248.	9.9	65

#	Article	IF	CITATIONS
181	Macrophages Instruct Aberrant Glycosylation in Colon Cancer by Chemokine and Cytokine Signals. Cancer Immunology Research, 2020, 8, 160-160.	3.4	5
182	Comment on: Kadomoto, S. et al. "Tumor-Associated Macrophages Induce Migration of Renal Cell Carcinoma Cells via Activation of the CCL20-CCR6 Axis―Cancers 2020, 12, 89. Cancers, 2020, 12, 342.	3.7	2
183	Melanoma-Derived Exosomal miR-125b-5p Educates Tumor Associated Macrophages (TAMs) by Targeting Lysosomal Acid Lipase A (LIPA). Cancers, 2020, 12, 464.	3.7	73
184	Reprogramming Tumor Associated Macrophages toward M1 Phenotypes with Nanomedicine for Anticancer Immunotherapy. Advanced Therapeutics, 2020, 3, 1900181.	3.2	31
185	Obesity Promotes Cooperation of Cancer Stem-Like Cells and Macrophages to Enhance Mammary Tumor Angiogenesis. Cancers, 2020, 12, 502.	3.7	26
186	Modeling chemical effects on breast cancer: the importance of the microenvironment in vitro. Integrative Biology (United Kingdom), 2020, 12, 21-33.	1.3	9
187	CD163 ⁺ tumorâ€essociated macrophage accumulation in breast cancer patients reflects both local differentiation signals and systemic skewing of monocytes. Clinical and Translational Immunology, 2020, 9, e1108.	3.8	47
188	Cell-penetrating corosolic acid liposome as a functional carrier for delivering chemotherapeutic drugs. Acta Biomaterialia, 2020, 106, 301-313.	8.3	22
189	Biology and therapeutic targeting of tumourâ€associated macrophages. Journal of Pathology, 2020, 250, 573-592.	4.5	56
190	Targeting CAMKII to reprogram tumor-associated macrophages and inhibit tumor cells for cancer immunotherapy with an injectable hybrid peptide hydrogel. Theranostics, 2020, 10, 3049-3063.	10.0	57
191	Peptide-based targeting of immunosuppressive cells in cancer. Bioactive Materials, 2020, 5, 92-101.	15.6	41
192	Whole-genome mapping of small-molecule targets for cancer medicine. Current Opinion in Chemical Biology, 2020, 56, 42-50.	6.1	8
193	Revealing and Harnessing Tumour-Associated Microglia/Macrophage Heterogeneity in Glioblastoma. International Journal of Molecular Sciences, 2020, 21, 689.	4.1	46
194	Cancer-Specific Loss of p53 Leads to a Modulation of Myeloid and T Cell Responses. Cell Reports, 2020, 30, 481-496.e6.	6.4	111
195	Organic Nanocarriers for Delivery and Targeting of Therapeutic Agents for Cancer Treatment. Advanced Therapeutics, 2020, 3, 1900136.	3.2	23
196	Generation of mouse bone marrow-derived macrophages using tumor coculture assays to mimic the tumor microenvironment. Methods in Enzymology, 2020, 632, 91-111.	1.0	4
197	Remodeling tumor immune microenvironment via targeted blockade of PI3K-γ and CSF-1/CSF-1R pathways in tumor associated macrophages for pancreatic cancer therapy. Journal of Controlled Release, 2020, 321, 23-35.	9.9	123
198	Inhibiting Monocyte Recruitment to Prevent the Pro-Tumoral Activity of Tumor-Associated Macrophages in Chondrosarcoma. Cells, 2020, 9, 1062.	4.1	11

#	Article	IF	CITATIONS
199	Tumor microenvironment-activatable Fe-doxorubicin preloaded amorphous CaCO ₃ nanoformulation triggers ferroptosis in target tumor cells. Science Advances, 2020, 6, eaax1346.	10.3	200
200	Radiation Potentiates Monocyte Infiltration into Tumors by Ninjurin1 Expression in Endothelial Cells. Cells, 2020, 9, 1086.	4.1	11
201	Leptin Signaling Contributes to Aromatase Inhibitor Resistant Breast Cancer Cell Growth and Activation of Macrophages. Biomolecules, 2020, 10, 543.	4.0	28
202	The interplay between innate and adaptive immunity in cancer shapes the productivity of cancer immunosurveillance. Journal of Leukocyte Biology, 2020, 108, 363-376.	3.3	40
203	Tumor-associated macrophages. Current Biology, 2020, 30, R246-R248.	3.9	136
204	Understanding the complex microenvironment in oral cancer: the contribution of the Faculty of Dentistry, University of Otago over the last 100 years. Journal of the Royal Society of New Zealand, 2020, 50, 15-34.	1.9	1
205	Inflammatory Responses during Tumour Initiation: From Zebrafish Transgenic Models of Cancer to Evidence from Mouse and Man. Cells, 2020, 9, 1018.	4.1	15
206	Are dendritic cells the most appropriate therapeutic vaccine for patients with ovarian cancer?. Current Opinion in Biotechnology, 2020, 65, 190-196.	6.6	9
207	Macrophages Interaction and MicroRNA Interplay in the Modulation of Cancer Development and Metastasis. Frontiers in Immunology, 2020, 11, 870.	4.8	14
208	Prognostic value of macrophage polarization markers in epithelial neoplasms and melanoma. A systematic review and meta-analysis. Modern Pathology, 2020, 33, 1458-1465.	5.5	39
209	p53, cancer and the immune response. Journal of Cell Science, 2020, 133, .	2.0	190
210	Macrophage and Tumor Cell Cross-Talk Is Fundamental for Lung Tumor Progression: We Need to Talk. Frontiers in Oncology, 2020, 10, 324.	2.8	76
211	Legumain protease-activated tuftsin-functionalized nanoparticles for dual-targeting TAMs and cancer chemotherapy. Colloids and Surfaces B: Biointerfaces, 2021, 197, 111442.	5.0	12
212	Engineering Nanoparticles toward the Modulation of Emerging Cancer Immunotherapy. Advanced Healthcare Materials, 2021, 10, e2000845.	7.6	33
213	Calreticulin and cancer. Cell Research, 2021, 31, 5-16.	12.0	174
214	The soluble glycoprotein NMB (GPNMB) produced by macrophages induces cancer stemness and metastasis via CD44 and IL-33. Cellular and Molecular Immunology, 2021, 18, 711-722.	10.5	54
215	Targeting tumorâ€associated macrophages: A potential treatment for solid tumors. Journal of Cellular Physiology, 2021, 236, 3445-3465.	4.1	35
216	Macrophage-Based Approaches for Cancer Immunotherapy. Cancer Research, 2021, 81, 1201-1208.	0.9	327

#	Article	IF	CITATIONS
217	Nanomedicine enables spatiotemporally regulating macrophage-based cancer immunotherapy. Biomaterials, 2021, 268, 120552.	11.4	23
218	Tumor microenvironment as a therapeutic target in cancer. , 2021, 221, 107753.		567
219	Eph Receptors in the Immunosuppressive Tumor Microenvironment. Cancer Research, 2021, 81, 801-805.	0.9	31
220	Epigenetic silencing of chemokine CCL2 represses macrophage infiltration to potentiate tumor development in small cell lung cancer. Cancer Letters, 2021, 499, 148-163.	7.2	46
221	Macrophageâ€Mediated Tumor Cell Phagocytosis: Opportunity for Nanomedicine Intervention. Advanced Functional Materials, 2021, 31, 2006220.	14.9	63
222	Emerging immunotherapies for metastasis. British Journal of Cancer, 2021, 124, 37-48.	6.4	32
223	Metabolic regulatory crosstalk between tumor microenvironment and tumor-associated macrophages. Theranostics, 2021, 11, 1016-1030.	10.0	149
224	Targeting the tumor microenvironment in cholangiocarcinoma: implications for therapy. Expert Opinion on Investigational Drugs, 2021, 30, 429-438.	4.1	13
225	Functional long non-coding RNAs in hepatocellular carcinoma. Cancer Letters, 2021, 500, 281-291.	7.2	32
226	The tumor-promoting effects of the adaptive immune system: a cause of hyperprogressive disease in cancer?. Cellular and Molecular Life Sciences, 2021, 78, 853-865.	5.4	8
227	Reinvigorating exhausted CD8 ⁺ cytotoxic T lymphocytes in the tumor microenvironment and current strategies in cancer immunotherapy. Medicinal Research Reviews, 2021, 41, 156-201.	10.5	56
228	A novel prognostic index of hepatocellular carcinoma based on immunogenomic landscape analysis. Journal of Cellular Physiology, 2021, 236, 2572-2591.	4.1	26
229	Curdlan, zymosan and a yeast-derived β-glucan reshape tumor-associated macrophages into producers of inflammatory chemo-attractants. Cancer Immunology, Immunotherapy, 2021, 70, 547-561.	4.2	29
230	Cyclophosphamide alters the tumor cell secretome to potentiate the anti-myeloma activity of daratumumab through augmentation of macrophage-mediated antibody dependent cellular phagocytosis. Oncolmmunology, 2021, 10, 1859263.	4.6	13
231	TREM2 Sensing of Tumor Cell Efferocytosis Promotes a Macrophage Molecular State that Limits NK Cell Antitumor Immunity. SSRN Electronic Journal, 0, , .	0.4	2
232	Progranulin induces immune escape in breast cancer via up-regulating PD-L1 expression on tumor-associated macrophages (TAMs) and promoting CD8+ T cell exclusion. Journal of Experimental and Clinical Cancer Research, 2021, 40, 4.	8.6	84
233	Lactate-induced M2 polarization of tumor-associated macrophages promotes the invasion of pituitary adenoma by secreting CCL17. Theranostics, 2021, 11, 3839-3852.	10.0	83
234	Inflammation-Driven Breast Tumor Cell Plasticity: Stemness/EMT, Therapy Resistance and Dormancy. Frontiers in Oncology, 2020, 10, 614468.	2.8	38

ARTICLE IF CITATIONS # Development of a prognostic model based on an immunogenomic landscape analysis of 235 2.4 3 medulloblastoma. Bioscience Reports, 2021, 41, . The Role of Tumor Associated Macrophages in Hepatocellular Carcinoma. Journal of Cancer, 2021, 12, 2.5 1284-1294. Tumor-associated myeloid cells: diversity and therapeutic targeting. Cellular and Molecular 237 10.5 100 Immunology, 2021, 18, 566-578. Tumor microenvironment promotes breast cancer chemoresistance. Cancer Chemotherapy and 131 Pharmacology, 2021, 87, 147-158. Comprehensive Characterization of Immunological Profiles and Clinical Significance in 239 2.8 4 Hepatocellular Carcinoma. Frontiers in Oncology, 2020, 10, 574778. The twin cytokines interleukin-34 and CSF-1: masterful conductors of macrophage homeostasis. 66 Theranostics, 2021, 11, 1568-1593. 241 Steps in metastasis: an updated review. Medical Oncology, 2021, 38, 3. 2.5 141 Macrophage function in the elderly and impact on injury repair and cancer. Immunity and Ageing, 2021, 4.2 39 18, 4. Bioinformatics reveal macrophages marker genes signature in breast cancer to predict prognosis. 243 3.8 24 Annals of Medicine, 2021, 53, 1020-1032. Tumor-associated macrophages: role in tumorigenesis and immunotherapy implications. Journal of 244 2.5 Cancer, 2021, 12, 54-64. Normalization of the tumor microvasculature based on targeting and modulation of the tumor 245 17 5.6 microenvironment. Nanoscale, 2021, 13, 17254-17271. Engineered Multifunctional Nano―and Biological Materials for Cancer Immunotherapy. Advanced Healthcare Materials, 2021, 10, e2001680. Iron Metabolism in the Tumor Microenvironment: Contributions of Innate Immune Cells. Frontiers in 247 4.8 29 Immunology, 2020, 11, 626812. Tailoring Materials for Modulation of Macrophage Fate. Advanced Materials, 2021, 33, e2004172. 248 21.0 141 Therapeutic Manipulation of Tumor-associated Macrophages: Facts and Hopes from a Clinical and 249 7.0 42 Translational Perspective. Clinical Cancer Research, 2021, 27, 3291-3297. Inflammatory cell-derived CXCL3 promotes pancreatic cancer metastasis through a novel 12.1 myofibroblast-hijacked cancer escape mechanism. Gut, 2022, 71, 129-147. CAR-T cell-mediated depletion of immunosuppressive tumor-associated macrophages promotes 251 endogenous antitumor immunity and augments adoptive immunotherapy. Nature Communications, 12.8 143 2021, 12, 877. Potential of Photodynamic Therapy Based on Sugar-Conjugated Photosensitizers. Journal of Clinical 2.4 Medicine, 2021, 10, 841.

#	Article	IF	CITATIONS
253	Iron Metabolism in the Tumor Microenvironment—Implications for Anti-Cancer Immune Response. Cells, 2021, 10, 303.	4.1	55
254	Components from spider venom activate macrophages against glioblastoma cells: new potential adjuvants for anticancer immunotherapy. Journal of Biochemistry, 2021, 170, 51-68.	1.7	5
255	Targeting tumor-associated macrophages to synergize tumor immunotherapy. Signal Transduction and Targeted Therapy, 2021, 6, 75.	17.1	323
256	MAPKAP Kinase-2 Drives Expression of Angiogenic Factors by Tumor-Associated Macrophages in a Model of Inflammation-Induced Colon Cancer. Frontiers in Immunology, 2020, 11, 607891.	4.8	16
257	Cetuximab enhances the anti-tumor function of macrophages in an IL-6 dependent manner. Life Sciences, 2021, 267, 118953.	4.3	14
258	Targeting the tumour microenvironment in platinum-resistant ovarian cancer. Seminars in Cancer Biology, 2021, 77, 3-28.	9.6	30
259	Determinants, mechanisms, and functional outcomes of myeloid cell diversity in cancer. Immunological Reviews, 2021, 300, 220-236.	6.0	5
260	A data-driven computational model enables integrative and mechanistic characterization of dynamic macrophage polarization. IScience, 2021, 24, 102112.	4.1	26
261	Innate immune evasion revealed in a colorectal zebrafish xenograft model. Nature Communications, 2021, 12, 1156.	12.8	41
262	Suppressive Myeloid Cells Shape the Tumor Immune Microenvironment. Advanced Biology, 2021, 5, e1900311.	2.5	8
263	Immunomodulatory effects of wheat bran arabinoxylan on RAW264.7 macrophages via the NF-κB signaling pathway using RNA-seq analysis. Food Research International, 2021, 140, 110067.	6.2	12
264	Potential therapeutic targets in the tumor microenvironment of hepatocellular carcinoma: reversing the protumor effect of tumor-associated macrophages. Journal of Experimental and Clinical Cancer Research, 2021, 40, 73.	8.6	24
265	Crosstalk between Macrophages, T Cells, and Iron Metabolism in Tumor Microenvironment. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-14.	4.0	40
266	Honey and its protein components: Effects in the cancer immunology. Journal of Food Biochemistry, 2021, 45, e13613.	2.9	8
267	Prognostic significance and targeting tumor-associated macrophages in cancer: new insights and future perspectives. Breast Cancer, 2021, 28, 539-555.	2.9	60
268	Involvement of IL-4, IL-13 and Their Receptors in Pancreatic Cancer. International Journal of Molecular Sciences, 2021, 22, 2998.	4.1	38
269	Synergy of Immunostimulatory Genetherapy with Immune Checkpoint Blockade Motivates Immune Response to Eliminate Cancer. Advanced Functional Materials, 2021, 31, 2100715.	14.9	23
270	Harnessing and Enhancing Macrophage Phagocytosis for Cancer Therapy. Frontiers in Immunology, 2021, 12, 635173.	4.8	41

ARTICLE IF CITATIONS # Understanding the Immune-Stroma Microenvironment in B Cell Malignancies for Effective 271 2.8 13 Immunotherapy. Frontiers in Oncology, 2021, 11, 626818. Multifaceted microglia â€" key players in primary brain tumour heterogeneity. Nature Reviews 10.1 Neurology, 2021, 17, 243-259 Identification of a ceRNA Network in Lung Adenocarcinoma Based on Integration Analysis of 273 Tumor-Associated Macrophage Signature Genes. Frontiers in Cell and Developmental Biology, 2021, 9, 3.7 9 629941. LinTT1 peptide-functionalized liposomes for targeted breast cancer therapy. International Journal of 274 Pharmaceutics, 2021, 597, 120346. Effect of cabazitaxel on macrophages improves CD47-targeted immunotherapy for triple-negative 275 40 breast cancer. , 2021, 9, e002022. Targeting macrophages in cancer immunotherapy. Signal Transduction and Targeted Therapy, 2021, 6, 127. 17.1 Gene and Protein Expression Is Altered by Ascorbate Availability in Murine Macrophages Cultured 277 5.1 1 under Tumour-Like Conditions. Antioxidants, 2021, 10, 430. Cancer immunotherapy: Macs in the middle. Immunity, 2021, 54, 409-411. 14.3 278 Enhancing Cancer Immunotherapy Treatment Goals by Using Nanoparticle Delivery System. 279 6.7 17 International Journal of Nanomedicine, 2021, Volume 16, 2389-2404. Intratumoral Hypoxia and Mechanisms of Immune Evasion Mediated by Hypoxia-Inducible Factors. 3.1 29 Physiology, 2021, 36, 73-83. Comprehensive analysis of immune-related prognostic genes in the tumour microenvironment of 281 2.6 1 hepatocellular carcinoma. BMC Cancer, 2021, 21, 331. Emerging nanotechnological strategies to reshape tumor microenvironment for enhanced 3.3 therapeutic outcomes of cancer immunotherapy. Biomedical Materials (Bristol), 2021, 16, 042001. Cancer researchers get a grip on immune cell plasticity. Nature Methods, 2021, 18, 337-341. 283 19.0 2 A distinct microglial subset at the <scp>tumor–stroma</scp> interface of glioma. Glia, 2021, 69, 284 1767-1781. A Nano "Immuneâ€Guide―Recruiting Lymphocytes and Modulating the Ratio of Macrophages from 285 14.9 24 Different Origins to Enhance Cancer Immunotherapy. Advanced Functional Materials, 2021, 31, 2009116. Therapeutic Approaches Targeting the Natural Killer-Myeloid Cell Axis in the Tumor 4.8 Microenvironment. Frontiers in Immunology, 2021, 12, 633685. Pooled CRISPR screening identifies m ⁶ A as a positive regulator of macrophage activation. 287 10.3 102 Science Advances, 2021, 7, . Role of Myeloid Cells in Oncolytic Reovirus-Based Cancer Therapy. Viruses, 2021, 13, 654. 3.3

#	Article	IF	Citations
289	Tumor Immune Microenvironment during Epithelial–Mesenchymal Transition. Clinical Cancer Research, 2021, 27, 4669-4679.	7.0	138
290	Origins, Biology, and Diseases of Tissue Macrophages. Annual Review of Immunology, 2021, 39, 313-344.	21.8	88
291	Research progress in tumor targeted immunotherapy. Expert Opinion on Drug Delivery, 2021, 18, 1067-1090.	5.0	11
294	A Novel N-Tert-Butyl Derivatives of Pseudothiohydantoin as Potential Target in Anti-Cancer Therapy. Molecules, 2021, 26, 2612.	3.8	6
295	Tumor-tagging by oncolytic viruses: A novel strategy for CAR-T therapy against solid tumors. Cancer Letters, 2021, 503, 69-74.	7.2	9
297	The Iron Curtain: Macrophages at the Interface of Systemic and Microenvironmental Iron Metabolism and Immune Response in Cancer. Frontiers in Immunology, 2021, 12, 614294.	4.8	20
298	Immune Cells and Immunoglobulin Expression in the Mammary Gland Tumors of Dog. Animals, 2021, 11, 1189.	2.3	6
299	Glyconanofluorides as Immunotracers with a Tunable Core Composition for Sensitive Hotspot Magnetic Resonance Imaging of Inflammatory Activity. ACS Nano, 2021, 15, 7563-7574.	14.6	19
300	Gelatinâ€Hyaluronan Clickâ€Crosslinked Cryogels Elucidate Human Macrophage Invasion Behavior. Advanced Functional Materials, 2021, 31, 2008400.	14.9	10
301	Recent advances in tumor microenvironment-targeted nanomedicine delivery approaches to overcome limitations of immune checkpoint blockade-based immunotherapy. Journal of Controlled Release, 2021, 332, 109-126.	9.9	33
302	Emerging roles for myeloid immune cells in bone metastasis. Cancer and Metastasis Reviews, 2021, 40, 413-425.	5.9	8
303	Comprehensive description of the current breast cancer microenvironment advancements via single-cell analysis. Journal of Experimental and Clinical Cancer Research, 2021, 40, 142.	8.6	20
304	Reprogramming Immune Cells for Enhanced Cancer Immunotherapy: Targets and Strategies. Frontiers in Immunology, 2021, 12, 609762.	4.8	23
305	A novel immune-related prognostic signature in epithelial ovarian carcinoma. Aging, 2021, 13, 10289-10311.	3.1	8
306	Murlentamab, a Low Fucosylated Anti-Müllerian Hormone Type II Receptor (AMHRII) Antibody, Exhibits Anti-Tumor Activity through Tumor-Associated Macrophage Reprogrammation and T Cell Activation. Cancers, 2021, 13, 1845.	3.7	4
307	Assessment of Immunological Features in Muscle-Invasive Bladder Cancer Prognosis Using Ensemble Learning. Cancers, 2021, 13, 1624.	3.7	17
308	The hallmarks of ovarian cancer stem cells and niches: Exploring their harmonious interplay in therapy resistance. Seminars in Cancer Biology, 2021, 77, 182-193.	9.6	38
309	Therapeutic Targeting of the Tumor Microenvironment. Cancer Discovery, 2021, 11, 933-959.	9.4	646

	CHATION R	LPORT	
#	Article	IF	CITATIONS
310	PparÎ ³ 1 Facilitates ErbB2-Mammary Adenocarcinoma in Mice. Cancers, 2021, 13, 2171.	3.7	5
311	Inhibition of the Histone Methyltransferase EZH2 Enhances Protumor Monocyte Recruitment in Human Mesothelioma Spheroids. International Journal of Molecular Sciences, 2021, 22, 4391.	4.1	13
312	Macrophage Biology and Mechanisms of Immune Suppression in Breast Cancer. Frontiers in Immunology, 2021, 12, 643771.	4.8	80
313	The IRENA lncRNA converts chemotherapy-polarized tumor-suppressing macrophages to tumor-promoting phenotypes in breast cancer. Nature Cancer, 2021, 2, 457-473.	13.2	31
314	Embryonic Origin and Subclonal Evolution of Tumor-Associated Macrophages Imply Preventive Care for Cancer. Cells, 2021, 10, 903.	4.1	12
315	Tumor reversion: a dream or a reality. Biomarker Research, 2021, 9, 31.	6.8	9
316	Supramolecular Nanotherapeutics for Macrophage Immunotherapy. ACS Applied Bio Materials, 2021, 4, 4653-4666.	4.6	7
317	A polyamidoamine (PAMAM) derivative dendrimer with high loading capacity of TLR7/8 agonist for improved cancer immunotherapy. Nano Research, 2022, 15, 510-518.	10.4	12
318	Neutrophil Extracellular Traps and Macrophage Extracellular Traps Predict Postoperative Recurrence in Resectable Nonfunctional Pancreatic Neuroendocrine Tumors. Frontiers in Immunology, 2021, 12, 577517.	4.8	15
319	Standardized Uptake Value Illuminates Tumor Inflammation and Treatment Response. Clinical Cancer Research, 2021, 27, clincanres.1350.2021.	7.0	0
320	Intratumoral SIRPα-deficient macrophages activate tumor antigen-specific cytotoxic T cells under radiotherapy. Nature Communications, 2021, 12, 3229.	12.8	40
321	Immunotherapy for pancreatic cancer. World Journal of Clinical Cases, 2021, 9, 2969-2982.	0.8	16
322	Immune modulation underpins the antiâ€cancer activity of HDAC inhibitors. Molecular Oncology, 2021, 15, 3280-3298.	4.6	18
323	Redefining macrophage and neutrophil biology in the metastatic cascade. Immunity, 2021, 54, 885-902.	14.3	68
324	The role of CD47-SIRPα immune checkpoint in tumor immune evasion and innate immunotherapy. Life Sciences, 2021, 273, 119150.	4.3	45
325	Phenotypic and Functional Heterogeneity of Low-Density and High-Density Human Lung Macrophages. Biomedicines, 2021, 9, 505.	3.2	16
326	Clinical Development of Colony-Stimulating Factor 1 Receptor (CSF1R) Inhibitors. Journal of Immunotherapy and Precision Oncology, 2021, 4, 105-114.	1.4	26
327	Single-cell characterization of macrophages in glioblastoma reveals MARCO as a mesenchymal pro-tumor marker. Genome Medicine, 2021, 13, 88.	8.2	57

#	Article	IF	CITATIONS
328	Fibroblast-macrophage reciprocal interactions in health, fibrosis, and cancer. Immunity, 2021, 54, 903-915.	14.3	147
329	Loss of PGRMC1 Delays the Progression of Hepatocellular Carcinoma via Suppression of Pro-Inflammatory Immune Responses. Cancers, 2021, 13, 2438.	3.7	11
330	Specialized Pro-Resolving Mediators Mitigate Cancer-Related Inflammation: Role of Tumor-Associated Macrophages and Therapeutic Opportunities. Frontiers in Immunology, 2021, 12, 702785.	4.8	25
331	Glucose Metabolism: The Metabolic Signature of Tumor Associated Macrophage. Frontiers in Immunology, 2021, 12, 702580.	4.8	27
332	The Impact of the Tumor Microenvironment on Macrophage Polarization in Cancer Metastatic Progression. International Journal of Molecular Sciences, 2021, 22, 6560.	4.1	88
333	Metabolomics Monitoring of Treatment Response to Brain Tumor Immunotherapy. Frontiers in Oncology, 2021, 11, 691246.	2.8	13
334	Metabolic Reprogramming of Colorectal Cancer Cells and the Microenvironment: Implication for Therapy. International Journal of Molecular Sciences, 2021, 22, 6262.	4.1	53
335	Myeloid Cell Infiltration Correlates With Prognosis in Cholangiocarcinoma and Varies Based on Tumor Location. Journal of Immunotherapy, 2021, 44, 254-263.	2.4	6
336	The disbalance of LRP1 and SIRPα by psychological stress dampens the clearance of tumor cells by macrophages. Acta Pharmaceutica Sinica B, 2022, 12, 197-209.	12.0	11
337	Risk stratification and prognostic factors in patients with unresectable undifferentiated carcinoma of the pancreas. Pancreatology, 2021, 21, 738-745.	1.1	4
338	Tumor-Associated-Macrophage-Membrane-Coated Nanoparticles for Improved Photodynamic Immunotherapy. Nano Letters, 2021, 21, 5522-5531.	9.1	106
339	Neddylation Regulates Macrophages and Implications for Cancer Therapy. Frontiers in Cell and Developmental Biology, 2021, 9, 681186.	3.7	9
340	Metformin, Macrophage Dysfunction and Atherosclerosis. Frontiers in Immunology, 2021, 12, 682853.	4.8	59
341	The Clinical and Biological Effects of PD-1 Expression on Tumor Cells in Diffuse Large B-Cell Lymphoma. Hemato, 2021, 2, 368-381.	0.6	1
342	Systemic Blockade of Clever-1 Elicits Lymphocyte Activation Alongside Checkpoint Molecule Downregulation in Patients with Solid Tumors: Results from a Phase I/II Clinical Trial. Clinical Cancer Research, 2021, 27, 4205-4220.	7.0	29
343	High postoperative neutrophil–lymphocyte ratio and low preoperative lymphocyte-monocyte ratio predict poor prognosis in gastric cancer patients receiving gastrectomy with positive lavage cytology: a retrospective cohort study. Langenbeck's Archives of Surgery, 2021, 406, 2295-2303.	1.9	4
344	Natural Compounds as Metabolic Modulators of the Tumor Microenvironment. Molecules, 2021, 26, 3494.	3.8	12
345	Turning enemies into allies—reprogramming tumor-associated macrophages for cancer therapy. Med, 2021, 2, 666-681.	4.4	17

#	Article	IF	CITATIONS
346	Macrophages Derived From Human Induced Pluripotent Stem Cells: The Diversity of Protocols, Future Prospects, and Outstanding Questions. Frontiers in Cell and Developmental Biology, 2021, 9, 640703.	3.7	25
347	Development and validation of an individualized immune prognostic model in stage l–III lung squamous cell carcinoma. Scientific Reports, 2021, 11, 12727.	3.3	12
348	Redirecting macrophage function to sustain their "defender―antitumor activity. Cancer Cell, 2021, 39, 734-737.	16.8	13
349	EZH2 inhibition by tazemetostat: mechanisms of action, safety and efficacy in relapsed/refractory follicular lymphoma. Future Oncology, 2021, 17, 2127-2140.	2.4	20
350	Macrophages in Acute Myeloid Leukaemia: Significant Players in Therapy Resistance and Patient Outcomes. Frontiers in Cell and Developmental Biology, 2021, 9, 692800.	3.7	27
351	S100A4 enhances protumor macrophage polarization by control of PPAR- $\hat{1}^3$ -dependent induction of fatty acid oxidation. , 2021, 9, e002548.		62
352	Impact of Endoscopic Ultrasound-Guided Tissue Acquisition on Decision-Making in Precision Medicine for Pancreatic Cancer: Beyond Diagnosis. Diagnostics, 2021, 11, 1195.	2.6	9
353	CAFs Interacting With TAMs in Tumor Microenvironment to Enhance Tumorigenesis and Immune Evasion. Frontiers in Oncology, 2021, 11, 668349.	2.8	79
354	CAR-macrophage: A new immunotherapy candidate against solid tumors. Biomedicine and Pharmacotherapy, 2021, 139, 111605.	5.6	92
355	Detachable Liposomes Combined Immunochemotherapy for Enhanced Triple-Negative Breast Cancer Treatment through Reprogramming of Tumor-Associated Macrophages. Nano Letters, 2021, 21, 6031-6041.	9.1	47
356	CD8+ T cell differentiation and dysfunction in cancer. Nature Reviews Immunology, 2022, 22, 209-223.	22.7	345
357	Ferroptosis-Strengthened Metabolic and Inflammatory Regulation of Tumor-Associated Macrophages Provokes Potent Tumoricidal Activities. Nano Letters, 2021, 21, 6471-6479.	9.1	65
359	Secretions from hypochlorous acid-treated tumor cells delivered in a melittin hydrogel potentiate cancer immunotherapy. Bioactive Materials, 2022, 9, 541-553.	15.6	19
360	Tumor Associated Macrophages, as the Dominant Immune Cells, Are an Indispensable Target for Immunologically Cold TumorနGlioma Therapy?. Frontiers in Cell and Developmental Biology, 2021, 9, 706286.	3.7	43
361	N6-methyladenosine methyltransferases: functions, regulation, and clinical potential. Journal of Hematology and Oncology, 2021, 14, 117.	17.0	105
362	Tumor-Associated Macrophages: Combination of Therapies, the Approach to Improve Cancer Treatment. International Journal of Molecular Sciences, 2021, 22, 7239.	4.1	21
363	S100A7 as a potential diagnostic and prognostic biomarker of esophageal squamous cell carcinoma promotes M2 macrophage infiltration and angiogenesis. Clinical and Translational Medicine, 2021, 11, e459.	4.0	26
364	Repurposing Ferumoxytol as a Breast Cancer-Associated Macrophage Tracer with Five-Dimensional Quantitative [Fe]MRI of SPION Dynamics. Cancers, 2021, 13, 3802.	3.7	8

#	Article	IF	CITATIONS
365	Multi-Omics Analysis Showed the Clinical Value of Gene Signatures of C1QC+ and SPP1+ TAMs in Cervical Cancer. Frontiers in Immunology, 2021, 12, 694801.	4.8	21
366	Kras-driven intratumoral heterogeneity triggers infiltration of M2 polarized macrophages via the circHIPK3/PTK2 immunosuppressive circuit. Scientific Reports, 2021, 11, 15455.	3.3	24
367	TGR5 deficiency activates antitumor immunity in non-small cell lung cancer viaÂrestraining M2 macrophage polarization. Acta Pharmaceutica Sinica B, 2022, 12, 787-800.	12.0	24
368	The Underlying Function and Structural Organization of the Intracellular Protein Corona on Graphdiyne Oxide Nanosheet for Local Immunomodulation. Nano Letters, 2021, 21, 6005-6013.	9.1	63
369	Tumorâ€associated macrophageâ€derived CCL5 promotes chemotherapy resistance and metastasis in prostatic cancer. Cell Biology International, 2021, 45, 2054-2062.	3.0	21
370	Losartan prevents tumor-induced hearing loss and augments radiation efficacy in NF2 schwannoma rodent models. Science Translational Medicine, 2021, 13, .	12.4	21
371	Tumor-on-chip modeling of organ-specific cancer and metastasis. Advanced Drug Delivery Reviews, 2021, 175, 113798.	13.7	57
372	Macrophage-targeted nanomedicine for chronic diseases immunotherapy. Chinese Chemical Letters, 2022, 33, 597-612.	9.0	44
373	Chimeric antigen receptor macrophage for glioblastoma immunotherapy: the way forward. Immunotherapy, 2021, 13, 879-883.	2.0	16
374	CAR T Cells: Cancer Cell Surface Receptors Are the Target for Cancer Therapy. Advanced Pharmaceutical Bulletin, 2022, 12, 476-489.	1.4	2
375	A proteogenomic portrait of lung squamous cell carcinoma. Cell, 2021, 184, 4348-4371.e40.	28.9	170
376	Macrophage balance fraction determines the degree of immunosuppression and metastatic ability of breast cancer. International Immunopharmacology, 2021, 97, 107682.	3.8	9
377	Ginseng-derived nanoparticles potentiate immune checkpoint antibody efficacy by reprogramming the cold tumor microenvironment. Molecular Therapy, 2022, 30, 327-340.	8.2	52
378	Comparing syngeneic and autochthonous models of breast cancer to identify tumor immune components that correlate with response to immunotherapy in breast cancer. Breast Cancer Research, 2021, 23, 83.	5.0	13
379	An Integrated Nanoaircraft Carrier Modulating Antitumor Immunity to Enhance Immune Checkpoint Blockade Therapy. Advanced Functional Materials, 2021, 31, 2106123.	14.9	17
380	CARs and beyond: tailoring macrophage-based cell therapeutics to combat solid malignancies. , 2021, 9, e002741.		18
381	Potential Strategies to Improve the Effectiveness of Drug Therapy by Changing Factors Related to Tumor Microenvironment. Frontiers in Cell and Developmental Biology, 2021, 9, 705280.	3.7	4
382	Roles of CCL2-CCR2 Axis in the Tumor Microenvironment. International Journal of Molecular Sciences, 2021, 22, 8530.	4.1	50

#	Article	IF	CITATIONS
383	Cystathionine \hat{I}^2 -synthase mediated PRRX2/IL-6/STAT3 inactivation suppresses Tregs infiltration and induces apoptosis to inhibit HCC carcinogenesis. , 2021, 9, e003031.		33
384	The Metabolic Features of Tumor-Associated Macrophages: Opportunities for Immunotherapy?. Analytical Cellular Pathology, 2021, 2021, 1-12.	1.4	9
385	Baicalein Potentiated M1 Macrophage Polarization in Cancer Through Targeting PI3Kγ/ NF-κB Signaling. Frontiers in Pharmacology, 2021, 12, 743837.	3.5	20
386	HYBID derived from tumor cells and tumor-associated macrophages contribute to the glioblastoma growth. Brain Research, 2021, 1764, 147490.	2.2	9
387	Overcoming microenvironmental resistance to PD-1 blockade in genetically engineered lung cancer models. Science Translational Medicine, 2021, 13, .	12.4	44
388	Diversity of Macrophages in Lung Homeostasis and Diseases. Frontiers in Immunology, 2021, 12, 753940.	4.8	96
389	Nanoparticles targeting tumor-associated macrophages: A novel anti-tumor therapy. Nano Research, 2022, 15, 2177-2195.	10.4	6
390	Tumor-Associated Macrophages and Their Functional Transformation in the Hypoxic Tumor Microenvironment. Frontiers in Immunology, 2021, 12, 741305.	4.8	76
391	Modulating tumor-associated macrophages to enhance the efficacy of immune checkpoint inhibitors: A TAM-pting approach. , 2022, 231, 107986.		30
392	HIF1α epigenetically repressed macrophages via CRISPR/Cas9-EZH2 system for enhanced cancer immunotherapy. Bioactive Materials, 2021, 6, 2870-2880.	15.6	16
393	A siRNA-Assisted Assembly Strategy to Simultaneously Suppress "Self―and Upregulate "Eat-Me―Signals for Nanoenabled Chemo-Immunotherapy. ACS Nano, 2021, 15, 16030-16042.	14.6	50
394	Intratumoral combination therapy with poly(I:C) and resiquimod synergistically triggers tumor-associated macrophages for effective systemic antitumoral immunity. , 2021, 9, e002408.		43
395	TCF4 enhances hepatic metastasis of colorectal cancer by regulating tumor-associated macrophage via CCL2/CCR2 signaling. Cell Death and Disease, 2021, 12, 882.	6.3	34
396	Monocarboxylate Transporter-2 Expression Restricts Tumor Growth in a Murine Model of Lung Cancer: A Multi-Omic Analysis. International Journal of Molecular Sciences, 2021, 22, 10616.	4.1	4
397	TREM2: Keeping Pace With Immune Checkpoint Inhibitors in Cancer Immunotherapy. Frontiers in Immunology, 2021, 12, 716710.	4.8	11
398	Activating a collaborative innate-adaptive immune response to control metastasis. Cancer Cell, 2021, 39, 1361-1374.e9.	16.8	122
399	Inflammation-Induced Metastatic Colonization of the Lung Is Facilitated by Hepatocyte Growth Factor-Secreting Monocyte-Derived Macrophages. Molecular Cancer Research, 2021, 19, 2096-2109.	3.4	5
400	Expression of LOX Suggests Poor Prognosis in Gastric Cancer. Frontiers in Medicine, 2021, 8, 718986.	2.6	16

ARTICLE IF CITATIONS # Arginase 1–Based Immune Modulatory Vaccines Induce Anticancer Immunity and Synergize with 401 3.4 32 Anti–PD-1 Checkpoint Blockade. Cancer Immunology Research, 2021, 9, 1316-1326. Heparanase (HPSE) Associates with the Tumor Immune Microenvironment in Colorectal Cancer. 2.8 Processes, 2021, 9, 1605. Tryptophan 2,3-dioxygenase 2 controls M2 macrophages polarization to promote esophageal squamous cell carcinoma progression via AKT/GSK312/IL-8 signaling pathway. Acta Pharmaceutica Sinica 403 12.0 18 B, 2021, 11, 2835-2849. InÂvivo CRISPR screens identify the E3 ligase Cop1 as a modulator of macrophage infiltration and 404 28.9 79 cancer immunotherapy target. Cell, 2021, 184, 5357-5374.e22. Type I IFNs repolarized a CD169+ macrophage population with anti-tumor potentials in hepatocellular 405 8.2 13 carcinoma. Molecular Therapy, 2022, 30, 632-643. Remodeling the Tumor Myeloid Landscape to Enhance Antitumor Antibody Immunotherapies. Cancers, 2021, 13, 4904. 3.7 407 Macrophages and cancer stem cells: a malevolent alliance. Molecular Medicine, 2021, 27, 121. 4.4 27 Secreted Factors by Anaplastic Thyroid Cancer Cells Induce Tumor-Promoting M2-like Macrophage 408 3.7 Polarization through a TIM3-Dependent Mechanism. Cancers, 2021, 13, 4821. Evolution of the Tumor Microenvironment toward Immune-Suppressive Seclusion during Brain 409 3.7 11 Metastasis of Breast Cancer: Implications for Targeted Therapy. Cancers, 2021, 13, 4895. Macrophage-Related SPP1 as a Potential Biomarker for Early Lymph Node Metastasis in Lung 34 Adenocarcinoma. Frontiers in Cell and Developmental Biology, 2021, 9, 739358. The microenvironment of DLBCL is characterized by noncanonical macrophages recruited by 411 5.2 9 tumor-derived CCL5. Blood Advances, 2021, 5, 4338-4351. Chemical engineering of bacterial effectors for regulating cell signaling and responses. Current 6.1 Opinion in Chemical Biology, 2021, 64, 48-56. Advance of nano anticancer therapies targeted on tumor-associated macrophages. Coordination 413 18.8 6 Chemistry Reviews, 2021, 446, 214126. Non-viral vector mediated CKb11 with folic acid modification regulates macrophage polarization and 414 15.6 DC maturation to elicit immune response against cancer. Bioactive Materials, 2021, 6, 3678-3691. Clotrimazole presents anticancer properties against a mouse melanoma model acting as a PI3K 415 inhibitor and inducing repolarization of tumor associated macrophages. Biochimica Et Biophysica 3.8 8 Acta - Molecular Basis of Disease, 2021, 1867, 166263. The SNX-482 peptide from Hysterocrates gigas spider acts as an immunomodulatory molecule activating macrophages. Peptides, 2021, 146, 170648. Cellular and molecular actions of bisphosphonates., 2022, , 921-942. 417 0 Tumor metabolic reprogramming in therapeutic resistance., 2021, , 199-225.

#	Article	IF	CITATIONS
419	Upcoming immunotherapeutic combinations for B-cell lymphoma. Immunotherapy Advances, 2021, 1, .	3.0	3
420	Exosomal Circ_0125473 Drives Macrophages Polarization Toward M2 Through miR-5787/Wnt1/β-Catenin Signaling Pathway in Colorectal Cancer. SSRN Electronic Journal, 0, , .	0.4	0
421	Modulation of CD4 T Cell Response According to Tumor Cytokine Microenvironment. Cancers, 2021, 13, 373.	3.7	18
422	Biodegradation of graphdiyne oxide in classically activated (M1) macrophages modulates cytokine production. Nanoscale, 2021, 13, 13072-13084.	5.6	12
423	Activity of tumor-associated macrophage depletion by CSF1R blockade is highly dependent on the tumor model and timing of treatment. Cancer Immunology, Immunotherapy, 2021, 70, 2401-2410.	4.2	29
424	Cellular Indoctrination: How the Tumor Microenvironment Reeducates Macrophages Towards Nefarious Ends. , 2021, , .		0
425	Targeting ubiquitin signaling for cancer immunotherapy. Signal Transduction and Targeted Therapy, 2021, 6, 16.	17.1	34
426	Metabolites and the tumour microenvironment: from cellular mechanisms to systemic metabolism. Nature Metabolism, 2021, 3, 21-32.	11.9	250
427	Nanomedicine-based cancer immunotherapies developed by reprogramming tumor-associated macrophages. Nanoscale, 2021, 13, 4705-4727.	5.6	33
428	An Overview of Advances in Cell-Based Cancer Immunotherapies Based on the Multiple Immune-Cancer Cell Interactions. Methods in Molecular Biology, 2020, 2097, 139-171.	0.9	2
429	Cancer Immunotherapy: Targeting Tumor-Associated Macrophages by Gene Silencing. Methods in Molecular Biology, 2020, 2115, 289-325.	0.9	15
430	CCL7 Signaling in the Tumor Microenvironment. Advances in Experimental Medicine and Biology, 2020, 1231, 33-43.	1.6	23
431	The roles of tumor-associated macrophages in tumor angiogenesis and metastasis. Cellular Immunology, 2020, 353, 104119.	3.0	201
432	Distinct Populations of Immune-Suppressive Macrophages Differentiate from Monocytic Myeloid-Derived Suppressor Cells in Cancer. Cell Reports, 2020, 33, 108571.	6.4	99
433	Tumor cells induce LAMP2a expression in tumor-associated macrophage for cancer progression. EBioMedicine, 2019, 40, 118-134.	6.1	50
434	N-acetylcysteine alleviates liver injury by suppressing macrophage-mediated inflammatory response post microwave ablation. International Immunopharmacology, 2020, 85, 106580.	3.8	5
435	Tweaking the DNA of myeloid cells curbs cancer spread. Nature, 2020, 579, 196-197.	27.8	2
436	Nanomedicine-mediated alteration of the pharmacokinetic profile of small molecule cancer immunotherapeutics. Acta Pharmacologica Sinica, 2020, 41, 881-894.	6.1	19

#	Article	IF	CITATIONS
437	Influence of nanomedicine mechanical properties on tumor targeting delivery. Chemical Society Reviews, 2020, 49, 2273-2290.	38.1	123
438	Targeting a scavenger receptor on tumor-associated macrophages activates tumor cell killing by natural killer cells. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32005-32016.	7.1	89
439	M1-like TAMs are required for the efficacy of PD-L1/PD-1 blockades in gastric cancer. Oncolmmunology, 2021, 10, 1862520.	4.6	26
440	Macrophage morphology correlates with single-cell diversity and prognosis in colorectal liver metastasis. Journal of Experimental Medicine, 2020, 217, .	8.5	99
441	Tumor-associated macrophages based signaling pathway analysis and hub genes identification in glioma. Medicine (United States), 2020, 99, e23840.	1.0	3
442	Prognostic Relevance of Macrophage Phenotypes in High-grade Oral Tongue Squamous Cell Carcinomas. Applied Immunohistochemistry and Molecular Morphology, 2021, 29, 359-365.	1.2	11
443	Senescent cells and macrophages: key players for regeneration?. Open Biology, 2020, 10, 200309.	3.6	50
448	Macrophage targeting in cancer. Annals of the New York Academy of Sciences, 2021, 1499, 18-41.	3.8	134
449	Mannose receptor (CD206) activation in tumor-associated macrophages enhances adaptive and innate antitumor immune responses. Science Translational Medicine, 2020, 12, .	12.4	205
450	Phagocytic function of tumor-associated macrophages as a key determinant of tumor progression control: a review. , 2020, 8, e001408.		100
451	A Positive Feedback Loop of AKR1C3-Mediated Activation of NF-κB and STAT3 Facilitates Proliferation and Metastasis in Hepatocellular Carcinoma. Cancer Research, 2021, 81, 1361-1374.	0.9	46
452	ILT3 (LILRB4) Promotes the Immunosuppressive Function of Tumor-Educated Human Monocytic Myeloid-Derived Suppressor Cells. Molecular Cancer Research, 2021, 19, 702-716.	3.4	32
453	ST2 as checkpoint target for colorectal cancer immunotherapy. JCI Insight, 2020, 5, .	5.0	29
454	Targeting tumor-associated macrophages and granulocytic myeloid-derived suppressor cells augments PD-1 blockade in cholangiocarcinoma. Journal of Clinical Investigation, 2020, 130, 5380-5396.	8.2	185
455	Cell plasticity in cancer cell populations. F1000Research, 2020, 9, 635.	1.6	42
456	The targeting of tumor-associated macrophages by vaccination. Cell Stress, 2019, 3, 139-140.	3.2	13
457	Development of a prognostic index and screening of potential biomarkers based on immunogenomic landscape analysis of colorectal cancer. Aging, 2020, 12, 5832-5857.	3.1	34
458	Low-dose metronomic cyclophosphamide complements the actions of an intratumoral C-class CpG TLR9 agonist to potentiate innate immunity and drive potent T cell-mediated anti-tumor responses. Oncotarget, 2019, 10, 7220-7237.	1.8	11

#	Article	IF	CITATIONS
459	Macrophage Metabolism at the Crossroad of Metabolic Diseases and Cancer. Immunometabolism, 2020,	1.6	6
460	BGN and COL11A1 Regulatory Network Analysis in Colorectal Cancer (CRC) Reveals That BGN Influences CRC Cell Biological Functions and Interacts with miR-6828-5p. Cancer Management and Research, 2020, Volume 12, 13051-13069.	1.9	14
461	Thioholgamide A, a New Anti-Proliferative Anti-Tumor Agent, Modulates Macrophage Polarization and Metabolism. Cancers, 2020, 12, 1288.	3.7	22
462	Myeloid Cells in Glioblastoma Microenvironment. Cells, 2021, 10, 18.	4.1	81
463	Bladder cancer cell‑secreted exosomal miR‑21 activates the PI3K/AKT pathway in macrophages to promote cancer progression. International Journal of Oncology, 2020, 56, 151-164.	3.3	52
464	Zebrafish macrophage developmental arrest underlies depletion of microglia and reveals Csf1r-independent metaphocytes. ELife, 2020, 9, .	6.0	41
465	<i>Fusobacterium nucleatum</i> promotes colorectal cancer metastasis through miR-1322/CCL20 axis and M2 polarization. Gut Microbes, 2021, 13, 1980347.	9.8	90
466	A Complex Metabolic Network Confers Immunosuppressive Functions to Myeloid-Derived Suppressor Cells (MDSCs) within the Tumour Microenvironment. Cells, 2021, 10, 2700.	4.1	25
467	The Gene Signature of Activated M-CSF-Primed Human Monocyte-Derived Macrophages Is IL-10-Dependent. Journal of Innate Immunity, 2022, 14, 243-256.	3.8	12
468	Inhibition of estrogen signaling in myeloid cells increases tumor immunity in melanoma. Journal of Clinical Investigation, 2021, 131, .	8.2	40
469	Tumor-Infiltrating Cytotoxic T Cells and Tumor-Associated Macrophages Correlate With the Outcomes of Neoadjuvant Chemoradiotherapy for Locally Advanced Rectal Cancer. Frontiers in Oncology, 2021, 11, 743540.	2.8	12
470	Immunological configuration of ovarian carcinoma: features and impact on disease outcome. , 2021, 9, e002873.		30
471	Macrophages as Emerging Key Players in Mitochondrial Transfers. Frontiers in Cell and Developmental Biology, 2021, 9, 747377.	3.7	17
472	Recruitment of M1 Macrophages May Not Be Critical for Protection against Colitis-Associated Tumorigenesis. International Journal of Molecular Sciences, 2021, 22, 11204.	4.1	2
473	Constructing the ceRNA Regulatory Network and Combining Immune Cells to Evaluate Prognosis of Colon Cancer Patients. Frontiers in Cell and Developmental Biology, 2021, 9, 686844.	3.7	2
474	Early reduction in PD-L1 expression predicts faster treatment response in human cutaneous leishmaniasis. Journal of Clinical Investigation, 2021, 131, .	8.2	5
479	The Urokinase Receptor (uPAR) as a "Trojan Horse―in Targeted Cancer Therapy: Challenges and Opportunities. Cancers, 2021, 13, 5376.	3.7	24
480	Reeducating Tumor-Associated Macrophages Using CpG@Au Nanocomposites to Modulate Immunosuppressive Microenvironment for Improved Radio-Immunotherapy. ACS Applied Materials & Interfaces, 2021, 13, 53504-53518.	8.0	21

#	Article	IF	CITATIONS
481	The Scavenger Receptor MARCO Expressed by Tumor-Associated Macrophages Are Highly Associated With Poor Pancreatic Cancer Prognosis. Frontiers in Oncology, 2021, 11, 771488.	2.8	33
482	The Metabolic Control of Myeloid Cells in the Tumor Microenvironment. Cells, 2021, 10, 2960.	4.1	4
483	A heparan-sulfate-bearing syndecan-1 glycoform is a distinct surface marker for intra-tumoral myeloid-derived suppressor cells. IScience, 2021, 24, 103349.	4.1	0
484	Role and Function of O-GlcNAcylation in Cancer. Cancers, 2021, 13, 5365.	3.7	43
485	Ferroptosis-mediated Crosstalk in the Tumor Microenvironment Implicated in Cancer Progression and Therapy. Frontiers in Cell and Developmental Biology, 2021, 9, 739392.	3.7	17
486	Peptide hydrogels loaded with irradiated tumor cell secretions enhance cancer immunotherapy. Nano Today, 2021, 41, 101323.	11.9	16
487	Trabectedin, a Drug Acting on Both Cancer Cells and the Tumor Microenvironment. Human Perspectives in Health Sciences and Technology, 2020, , 287-300.	0.4	0
489	Nanogel antigen DDS toward overcoming immune resistance of cancer. Drug Delivery System, 2020, 35, 64-69.	0.0	0
490	<i>In vivo</i> CRISPR Screens Identify E3 Ligase <i>Cop1</i> as a Modulator of Macrophage Infiltration and Cancer Immunotherapy Target. SSRN Electronic Journal, 0, , .	0.4	0
491	The Many Microenvironments of Ovarian Cancer. Advances in Experimental Medicine and Biology, 2020, 1296, 199-213.	1.6	5
492	Hepatobiliary Cancers and Immunology. , 2020, , 505-524.		0
494	Cross Talk Between Macrophages and Cancer Cells in the Bone Metastatic Environment. Frontiers in Endocrinology, 2021, 12, 763846.	3.5	11
496	Colony stimulating factors in the nervous system. Seminars in Immunology, 2021, 54, 101511.	5.6	22
497	Breast cancer immune microenvironment: from pre-clinical models to clinical therapies. Breast Cancer Research and Treatment, 2022, 191, 257-267.	2.5	10
500	Tumor-associated macrophages (TAMs) depend on Shp2 for their anti-tumor roles in colorectal cancer. American Journal of Cancer Research, 2019, 9, 1957-1969.	1.4	6
501	Omental Macrophagic "Crown-like Structures" Are Associated with Poor Prognosis in Advanced-Stage Serous Ovarian Cancer. Current Oncology, 2021, 28, 4234-4246.	2.2	1
502	Omental Macrophagic "Crown-like Structures―Are Associated with Poor Prognosis in Advanced-Stage Serous Ovarian Cancer. Current Oncology, 2021, 28, 4234-4246.	2.2	4
503	Construction of a Macrophage Infiltration Regulatory Network and Related Prognostic Model of High-Grade Serous Ovarian Cancer. Journal of Oncology, 2021, 2021, 1-17.	1.3	4

#	Article	IF	CITATIONS
504	Monocytes secrete CXCL7 to promote breast cancer progression. Cell Death and Disease, 2021, 12, 1090.	6.3	17
505	The Origins of Phenotypic Heterogeneity in Cancer. Cancer Research, 2022, 82, 3-11.	0.9	10
506	Pretreatment tumour immune microenvironment predicts clinical response and prognosis of muscle-invasive bladder cancer in the neoadjuvant chemotherapy setting. British Journal of Cancer, 2022, 126, 606-614.	6.4	12
507	A lysosome-targeted DNA nanodevice selectively targets macrophages to attenuate tumours. Nature Nanotechnology, 2021, 16, 1394-1402.	31.5	42
508	There Is Strength in Numbers: Quantitation of Fc Gamma Receptors on Murine Tissue-Resident Macrophages. International Journal of Molecular Sciences, 2021, 22, 12172.	4.1	4
509	A tumor microenvironment responsive nanoplatform with oxidative stress amplification for effective MRI-based visual tumor ferroptosis. Acta Biomaterialia, 2022, 138, 518-527.	8.3	34
510	Reprogramming Tumorâ€Associated Macrophages via ROSâ€Mediated Novel Mechanism of Ultraâ€Small Cu _{2â"} <i>_x</i> Se Nanoparticles to Enhance Antiâ€Tumor Immunity. Advanced Functional Materials, 2022, 32, 2108971.	14.9	31
511	Engineered Iron-Based nanoplatform amplifies repolarization of M2-Like Tumor-Associated Macrophages for enhanced cancer immunotherapy. Chemical Engineering Journal, 2022, 433, 133847.	12.7	12
512	Remodeling tumor microenvironment by liposomal codelivery of DMXAA and simvastatin inhibits malignant melanoma progression. Scientific Reports, 2021, 11, 22102.	3.3	8
513	The hybrid halide perovskite: Synthesis strategies, fabrications, and modern applications. Ceramics International, 2022, 48, 7325-7343.	4.8	17
514	Tumor-Associated Macrophages: New Horizons for Pituitary Adenoma Researches. Frontiers in Endocrinology, 2021, 12, 785050.	3.5	10
515	circRNAs: Insight Into Their Role in Tumor-Associated Macrophages. Frontiers in Oncology, 2021, 11, 780744.	2.8	12
516	Macrophage-Targeted Therapy Unlocks Antitumoral Cross-talk between IFNÎ ³ -Secreting Lymphocytes and IL12-Producing Dendritic Cells. Cancer Immunology Research, 2022, 10, 40-55.	3.4	18
517	Pyroptosis-Related Gene Signature Is a Novel Prognostic Biomarker for Sarcoma Patients. Disease Markers, 2021, 2021, 1-13.	1.3	4
518	Harnessing cytokines and chemokines for cancer therapy. Nature Reviews Clinical Oncology, 2022, 19, 237-253.	27.6	305
519	CRISPR-based in situ engineering tumor cells to reprogram macrophages for effective cancer immunotherapy. Nano Today, 2022, 42, 101359.	11.9	26
520	Platinum(IV) complexes as inhibitors of CD47-SIRPα axis for chemoimmunotherapy of cancer. European Journal of Medicinal Chemistry, 2022, 229, 114047.	5.5	19
521	Polypharmacologic Reprogramming of Tumor-Associated Macrophages toward an Inflammatory Phenotype. Cancer Research, 2022, 82, 433-446.	0.9	6

#	Article	IF	CITATIONS
522	Nanomedicine in Pancreatic Cancer: Current Status and Future Opportunities for Overcoming Therapy Resistance. Cancers, 2021, 13, 6175.	3.7	20
523	Macrophage-Mediated Melanoma Reduction after HP-NAP Treatment in a Zebrafish Xenograft Model. International Journal of Molecular Sciences, 2022, 23, 1644.	4.1	7
524	Interrupting the nitrosative stress fuels tumor-specific cytotoxic T lymphocytes in pancreatic cancer. , 2022, 10, e003549.		22
525	Targeting Options of Tumor-Associated Macrophages (TAM) Activity in Gliomas. Current Neuropharmacology, 2023, 21, 457-470.	2.9	10
526	Extracellular vesicles in ovarian cancer chemoresistance, metastasis, and immune evasion. Cell Death and Disease, 2022, 13, 64.	6.3	50
527	An 11-Gene Signature Based on Treatment Responsiveness Predicts Radiation Therapy Survival Benefit Among Breast Cancer Patients. Frontiers in Oncology, 2021, 11, 816053.	2.8	2
528	Magnetic Nanostructures: Rational Design and Fabrication Strategies toward Diverse Applications. Chemical Reviews, 2022, 122, 5411-5475.	47.7	49
529	Targeting CCR2+ macrophages with BET inhibitor overcomes adaptive resistance to anti-VEGF therapy in ovarian cancer. Journal of Cancer Research and Clinical Oncology, 2022, 148, 803.	2.5	5
530	Systematic analysis of the role of SLC52A2 in multiple human cancers. Cancer Cell International, 2022, 22, 8.	4.1	7
531	Identification and Comprehensive Prognostic Analysis of a Novel Chemokine-Related IncRNA Signature and Immune Landscape in Gastric Cancer. Frontiers in Cell and Developmental Biology, 2021, 9, 797341.	3.7	5
532	Injectable Hydrogel as a Unique Platform for Antitumor Therapy Targeting Immunosuppressive Tumor Microenvironment. Frontiers in Immunology, 2021, 12, 832942.	4.8	18
535	DNA Damage Repair in Brain Tumor Immunotherapy. Frontiers in Immunology, 2021, 12, 829268.	4.8	3
536	Retrospective analysis of the preparation and application of immunotherapy in cancer treatment (Review). International Journal of Oncology, 2022, 60, .	3.3	7
537	Repolarization of Unbalanced Macrophages: Unmet Medical Need in Chronic Inflammation and Cancer. International Journal of Molecular Sciences, 2022, 23, 1496.	4.1	16
538	Advances in Antitumor Strategies Targeting Tumor-Associated Macrophages. World Journal of Cancer Research, 2022, 12, 23-32.	0.1	1
539	CXCR4-guided liposomes regulating hypoxic and immunosuppressive microenvironment for sorafenib-resistant tumor treatment. Bioactive Materials, 2022, 17, 147-161.	15.6	25
540	Construction and Comprehensive Prognostic Analysis of a Novel Immune-Related IncRNA Signature and Immune Landscape in Gastric Cancer. International Journal of Genomics, 2022, 2022, 1-23.	1.6	3
541	Overview of Immune Checkpoint Inhibitors in Gynecological Cancer Treatment. Cancers, 2022, 14, 631.	3.7	19

#	Article	IF	CITATIONS
542	Tumour microenvironment and heterotypic interactions in pancreatic cancer. Journal of Physiology and Biochemistry, 2022, , 1.	3.0	5
543	TNFSF15 facilitates differentiation and polarization of macrophages toward M1 phenotype to inhibit tumor growth. Oncolmmunology, 2022, 11, 2032918.	4.6	18
544	Bioinspired magnetic nanocomplexes amplifying STING activation of tumor-associated macrophages to potentiate cancer immunotherapy. Nano Today, 2022, 43, 101400.	11.9	23
545	Leveraging macrophages for cancer theranostics. Advanced Drug Delivery Reviews, 2022, 183, 114136.	13.7	21
546	Single-cell analysis of human glioma and immune cells identifies S100A4 as an immunotherapy target. Nature Communications, 2022, 13, 767.	12.8	128
547	Phosphoinositide-Binding Protein TIPE1 Promotes Alternative Activation of Macrophages and Tumor Progression via PIP3/Akt/TGFβ Axis. Cancer Research, 2022, 82, 1603-1616.	0.9	17
548	Identification and validation of an immune-related gene pairs signature for three urologic cancers. Aging, 2022, 14, .	3.1	0
549	Tertiary lymphoid structure and decreased CD8+ TÂcell infiltration in minimally invasive adenocarcinoma. IScience, 2022, 25, 103883.	4.1	3
550	Targeting macrophages for enhancing CD47 blockade–elicited lymphoma clearance and overcoming tumor-induced immunosuppression. Blood, 2022, 139, 3290-3302.	1.4	20
551	N6-Methyladenosine Methylation Regulator RBM15 is a Potential Prognostic Biomarker and Promotes Cell Proliferation in Pancreatic Adenocarcinoma. Frontiers in Molecular Biosciences, 2022, 9, 842833.	3.5	23
552	A Novel Risk Model Identified Based on Pyroptosis-Related IncRNA Predicts Overall Survival and Associates With the Immune Landscape of GC Patients. Frontiers in Genetics, 2022, 13, 843538.	2.3	6
553	Oncogenic Alterations in Histologically Negative Lymph Nodes Are Associated with Prognosis of Patients with Stage I Lung Adenocarcinoma. Cancers, 2022, 14, 824.	3.7	2
554	Inactivation of EGLN3 hydroxylase facilitates Erk3 degradation via autophagy and impedes lung cancer growth. Oncogene, 2022, 41, 1752-1766.	5.9	22
555	FCER1G positively relates to macrophage infiltration in clear cell renal cell carcinoma and contributes to unfavorable prognosis by regulating tumor immunity. BMC Cancer, 2022, 22, 140.	2.6	16
556	Roles of tumor-associated macrophages in tumor progression: implications on therapeutic strategies. Experimental Hematology and Oncology, 2021, 10, 60.	5.0	53
557	Circulating Tumor Cells: Does Ion Transport Contribute to Intravascular Survival, Adhesion, Extravasation, and Metastatic Organotropism?. Reviews of Physiology, Biochemistry and Pharmacology, 2021, , 1.	1.6	2
558	GABRP is a potential prognostic biomarker and correlated with immune infiltration and tumor microenvironment in pancreatic cancer. Translational Cancer Research, 2022, 11, 649-668.	1.0	8
560	Macrophage-Associated Disorders: Pathophysiology, Treatment Challenges, and Possible Solutions. , 2022, , 65-99.		2

#	Article	IF	CITATIONS
561	Tumor-Associated Macrophages: Reasons to Be Cheerful, Reasons to Be Fearful. Experientia Supplementum (2012), 2022, 113, 107-140.	0.9	10
565	Molecular imaging of tumor-associated macrophages in cancer immunotherapy. Therapeutic Advances in Medical Oncology, 2022, 14, 175883592210761.	3.2	13
567	A Nanoarchitectonic Approach Enables Triple Modal Synergistic Therapies To Enhance Antitumor Effects. ACS Applied Materials & Interfaces, 2022, 14, 10001-10014.	8.0	42
568	Peritoneal metastases from colorectal cancer belong to Consensus Molecular Subtype 4 and are sensitised to oxaliplatin by inhibiting reducing capacity. British Journal of Cancer, 2022, 126, 1824-1833.	6.4	24
569	Holistic Characterization of Tumor Monocyte-to-Macrophage Differentiation Integrates Distinct Immune Phenotypes in Kidney Cancer. Cancer Immunology Research, 2022, 10, 403-419.	3.4	22
570	Macrophages and Metabolic Reprograming in the Tumor Microenvironment. Frontiers in Oncology, 2022, 12, 795159.	2.8	11
571	Glioblastoma Vasculature: From its Critical Role in Tumor Survival to Relevant in Vitro Modelling. Frontiers in Drug Delivery, 2022, 2, .	1.6	2
572	Tumor-associated macrophages in cancer: recent advancements in cancer nanoimmunotherapies. Journal of Experimental and Clinical Cancer Research, 2022, 41, 68.	8.6	115
573	Engineered a dual-targeting biomimetic nanomedicine for pancreatic cancer chemoimmunotherapy. Journal of Nanobiotechnology, 2022, 20, 85.	9.1	11
574	Ferroptosis in Cancer Immunotherapy—Implications for Hepatocellular Carcinoma. Immuno, 2022, 2, 185-217.	1.5	3
575	Harnessing antiâ€ŧumor and tumorâ€ŧropism functions of macrophages via nanotechnology for tumor immunotherapy. Exploration, 2022, 2, .	11.0	64
576	Immune Infiltration Analysis with the CIBERSORT Method in Lung Cancer. Disease Markers, 2022, 2022, 1-7.	1.3	9
577	Mitochondrial DNA on Tumor-Associated Macrophages Polarization and Immunity. Cancers, 2022, 14, 1452.	3.7	8
578	Therapeutic Approaches Targeting Proteins in Tumor-Associated Macrophages and Their Applications in Cancers. Biomolecules, 2022, 12, 392.	4.0	6
579	Loss of the intracellular enzyme QPCTL limits chemokine function and reshapes myeloid infiltration to augment tumor immunity. Nature Immunology, 2022, 23, 568-580.	14.5	18
580	Characterization of the Immune Cell Infiltration Landscape and a New Prognostic Score in Glioblastoma. Journal of Healthcare Engineering, 2022, 2022, 1-9.	1.9	3
581	Identification of a novel immune-related long noncoding RNA signature to predict the prognosis of bladder cancer. Scientific Reports, 2022, 12, 3444.	3.3	4
582	Osimertinib and anti-HER3 combination therapy engages immune dependent tumor toxicity via STING activation in trans. Cell Death and Disease, 2022, 13, 274.	6.3	11

#	Article	IF	CITATIONS
583	Cell membrane camouflaged biomimetic nanoparticles: Focusing on tumor theranostics. Materials Today Bio, 2022, 14, 100228.	5.5	31
584	Lactic acid in alternative polarization and function of macrophages in tumor microenvironment. Human Immunology, 2022, 83, 409-417.	2.4	12
585	M1 Macrophages Enhance Survival and Invasion of Oral Squamous Cell Carcinoma by Inducing GDF15-Mediated ErbB2 Phosphorylation. ACS Omega, 2022, 7, 11405-11414.	3.5	14
586	Tissue-resident FOLR2+ macrophages associate with CD8+ TÂcell infiltration in human breast cancer. Cell, 2022, 185, 1189-1207.e25.	28.9	166
587	Zeb1-induced metabolic reprogramming of glycolysis is essential for macrophage polarization in breast cancer. Cell Death and Disease, 2022, 13, 206.	6.3	40
588	CSF1/CSF1R signaling mediates malignant pleural effusion formation. JCI Insight, 2022, 7, .	5.0	7
589	Clinical relevance of tumour-associated macrophages. Nature Reviews Clinical Oncology, 2022, 19, 402-421.	27.6	250
590	Development of a Localized Drug Delivery System with a Step-by-Step Cell Internalization Capacity for Cancer Immunotherapy. ACS Nano, 2022, 16, 5778-5794.	14.6	18
591	<i>USF1</i> / <i>CD90</i> signaling in maintaining glioblastoma stem cells and tumor-associated macrophages adhesion. Neuro-Oncology, 2022, 24, 1482-1493.	1.2	6
592	Dual-Targeting of Tumor Cells and Tumor-Associated Macrophages by Palmitic Acid Modified Albumin Nanoparticles for Antitumor and Antimetastasis Therapy. ACS Applied Materials & Interfaces, 2022, 14, 14887-14902.	8.0	11
593	Pyroptosis-Related Risk Signature Exhibits Distinct Prognostic, Immune, and Therapeutic Landscapes in Hepatocellular Carcinoma. Frontiers in Genetics, 2022, 13, 823443.	2.3	6
594	Effects of the Anti-Tumor Agents Trabectedin and Lurbinectedin on Immune Cells of the Tumor Microenvironment. Frontiers in Oncology, 2022, 12, 851790.	2.8	10
595	Carbonic anhydrase XII mediates the survival and prometastatic functions of macrophages in human hepatocellular carcinoma. Journal of Clinical Investigation, 2022, 132, .	8.2	30
596	An acid trip activates protumoral macrophages to promote hepatocellular carcinoma malignancy. Journal of Clinical Investigation, 2022, 132, .	8.2	6
597	Metabolism drives macrophage heterogeneity in the tumor microenvironment. Cell Reports, 2022, 39, 110609.	6.4	46
598	Non-coding RNAs and macrophage interaction in tumor progression. Critical Reviews in Oncology/Hematology, 2022, 173, 103680.	4.4	28
599	Comprehensive analysis of TAMs marker genes in glioma for predicting prognosis and immunotherapy response. Molecular Immunology, 2022, 144, 78-95.	2.2	1
600	Exosomal MiR-423–3p inhibits macrophage M2 polarization to suppress the malignant progression of cervical cancer. Pathology Research and Practice, 2022, 235, 153882.	2.3	15

#	Article	IF	CITATIONS
601	Role of macrophages in tumor progression and therapy (Review). International Journal of Oncology, 2022, 60, .	3.3	24
602	Molecular, cellular and systemic aspects of epithelial ovarian cancer and its tumor microenvironment. Seminars in Cancer Biology, 2022, 86, 207-223.	9.6	35
603	Synergetic regulation of kupffer cells, extracellular matrix and hepatic stellate cells with versatile CXCR4-inhibiting nanocomplex for magnified therapy in liver fibrosis. Biomaterials, 2022, 284, 121492.	11.4	11
604	Knockdown of long non-coding RNA MIR155HG suppresses melanoma cell proliferation, and deregulated MIR155HG in melanoma is associated with M1/M2 balance and macrophage infiltration. Cells and Development, 2022, 170, 203768.	1.5	5
605	Nanotechnology-based multifunctional vaccines for cancer immunotherapy. Chemical Engineering Journal, 2022, 437, 135505.	12.7	13
606	Exosomal microRNAs induce tumor-associated macrophages via PPARÎ ³ during tumor progression in SHH medulloblastoma. Cancer Letters, 2022, 535, 215630.	7.2	12
607	In situ injectable nano-complexed hydrogel based on chitosan/dextran for combining tumor therapy via hypoxia alleviation and TAMs polarity regulation. Carbohydrate Polymers, 2022, 288, 119418.	10.2	13
608	Theranostic nanomotors for tumor multimode imaging and photothermal/photodynamic synergistic therapy. Chemical Engineering Journal, 2022, 442, 135994.	12.7	17
609	Development and Validation of a Prognostic Gene Signature Correlated With M2 Macrophage Infiltration in Esophageal Squamous Cell Carcinoma. Frontiers in Oncology, 2021, 11, 769727.	2.8	21
610	<i>O</i> -GlcNAcylation of Blimp-1 in Lymphocytes Inhibits Its Transcriptional Function and Is Associated with Migration and Invasion of Breast Cancer Cells. Molecular Cancer Research, 2022, 20, 650-660.	3.4	6
612	Emerging Nanoparticle Strategies for Modulating Tumor-Associated Macrophage Polarization. Biomolecules, 2021, 11, 1912.	4.0	11
613	Macrophages are metabolically heterogeneous within the tumor microenvironment. Cell Reports, 2021, 37, 110171.	6.4	69
614	The Colony Stimulating Factor-1 Receptor (CSF-1R)-Mediated Regulation of Microglia/Macrophages as a Target for Neurological Disorders (Glioma, Stroke). Frontiers in Immunology, 2021, 12, 787307.	4.8	21
615	Macrophage Polarity and Disease Control. International Journal of Molecular Sciences, 2022, 23, 144.	4.1	80
616	Pulling the Strings of the Tumor Microenvironment. Cancer Immunology Research, 2022, 10, 4-4.	3.4	2
617	Harnessing Macrophages through the Blockage of CD47: Implications for Acute Myeloid Leukemia. Cancers, 2021, 13, 6258.	3.7	11
618	Active Targeted Nanoformulations via Folate Receptors: State of the Art and Future Perspectives. Pharmaceutics, 2022, 14, 14.	4.5	19
620	Myeloid Immune Cells CARrying a New Weapon Against Cancer. Frontiers in Cell and Developmental Biology, 2021, 9, 784421.	3.7	4

#	Article	IF	CITATIONS
621	Effect of 1α,25(OH) ₂ D ₃ -Treated M1 and M2 Macrophages on Cell Proliferation and Migration Ability in Ovarian Cancer. Nutrition and Cancer, 2022, 74, 2632-2643.	2.0	6
622	Cancer-Homing CAR-T Cells and Endogenous Immune Population Dynamics. International Journal of Molecular Sciences, 2022, 23, 405.	4.1	11
623	Macrophages-based immune-related risk score model for relapse prediction in stage l–III non-small cell lung cancer assessed by multiplex immunofluorescence. Translational Lung Cancer Research, 2022, 11, 523-542.	2.8	8
624	Tumour-associated macrophages heterogeneity drives resistance to clinical therapy. Expert Reviews in Molecular Medicine, 2022, 24, e17.	3.9	12
625	Breast cancer microenvironment and obesity: challenges for therapy. Cancer and Metastasis Reviews, 2022, 41, 627-647.	5.9	13
626	Targeted Intervention of NF2–YAP Signaling Axis in CD24-Overexpressing Cells Contributes to Encouraging Therapeutic Effects in TNBC. ACS Nano, 2022, 16, 5807-5819.	14.6	13
627	Extracellular vesicles from triple negative breast cancer promote pro-inflammatory macrophages associated with better clinical outcome. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2107394119.	7.1	39
628	Identification of a pyroptosis-related prognostic signature in breast cancer. BMC Cancer, 2022, 22, 429.	2.6	17
629	Roles and new Insights of Macrophages in the Tumor Microenvironment of Thyroid Cancer. Frontiers in Pharmacology, 2022, 13, 875384.	3.5	7
630	Extracellular vesicle IL-32 promotes the M2 macrophage polarization and metastasis of esophageal squamous cell carcinoma via FAK/STAT3 pathway. Journal of Experimental and Clinical Cancer Research, 2022, 41, 145.	8.6	19
631	Signature involved in immune-related lncRNA pairs for predicting the immune landscape of cervical cancer. International Journal of Biological Markers, 2022, 37, 191-199.	1.8	2
632	Recent Advances of Tumor Therapy Based on the CD47-SIRPα Axis. Molecular Pharmaceutics, 2022, 19, 1273-1293.	4.6	18
651	Exosome-mediated genetic reprogramming of tumor-associated macrophages by exoASO-STAT6 leads to potent monotherapy antitumor activity. Science Advances, 2022, 8, eabj7002.	10.3	95
652	Promoting antibody-dependent cellular phagocytosis for effective macrophage-based cancer immunotherapy. Science Advances, 2022, 8, eabl9171.	10.3	30
653	2-Hexyl-4-Pentylenic Acid (HPTA) Stimulates the Radiotherapy-induced Abscopal Effect on Distal Tumor through Polarization of Tumor-associated Macrophages. Biomedical and Environmental Sciences, 2021, 34, 693-704.	0.2	2
654	Macrophages as key regulators of liver health and disease. International Review of Cell and Molecular Biology, 2022, , 143-212.	3.2	18
655	Magnetic nanocluster-mediated photothermal effect and macrophage modulation for synergistic photothermal immunotherapy of cancer. Biomaterials Science, 2022, 10, 3188-3200.	5.4	2
656	Targeting tumor-associated macrophages for cancer immunotherapy. International Review of Cell and Molecular Biology, 2022, , 61-108.	3.2	13

#	Article	IF	Citations
657	Proteomic networks associated with tumor-educated macrophage polarization and cytotoxicity potentiated by heat-killed tuberculosis. Scientific Reports, 2022, 12, 6881.	3.3	0
658	The Significance of Tumor Microenvironment Score for Breast Cancer Patients. BioMed Research International, 2022, 2022, 1-27.	1.9	3
659	Macrophage cytotoxic activity and its role in the tumor pathogenesis. Alʹmanah KliniÄeskoj Mediciny, 2022, 50, 13-20.	0.3	0
660	The Cellular Tumor Immune Microenvironment of Childhood Solid Cancers: Informing More Effective Immunotherapies. Cancers, 2022, 14, 2177.	3.7	2
661	Dissecting Intra-Tumoral Changes Following Immune Checkpoint Blockades in Intrahepatic Cholangiocarcinoma via Single-Cell Analysis. Frontiers in Immunology, 2022, 13, 871769.	4.8	8
662	Potential PET tracers for imaging of tumor-associated macrophages. EJNMMI Radiopharmacy and Chemistry, 2022, 7, 11.	3.9	11
663	Role of the Wnt and GTPase pathways in breast cancer tumorigenesis and treatment. Cytokine and Growth Factor Reviews, 2022, 67, 11-24.	7.2	11
664	Cellular Mechanisms of Inflammaging and Periodontal Disease. Frontiers in Dental Medicine, 2022, 3, .	1.4	4
665	CD47xCD19 bispecific antibody triggers recruitment and activation of innate immune effector cells in a B-cell lymphoma xenograft model. Experimental Hematology and Oncology, 2022, 11, 26.	5.0	12
666	Engineering Induced Pluripotent Stem Cells for Cancer Immunotherapy. Cancers, 2022, 14, 2266.	3.7	20
667	A Four-Gene Prognostic Signature Based on the TEAD4 Differential Expression Predicts Overall Survival and Immune Microenvironment Estimation in Lung Adenocarcinoma. Frontiers in Pharmacology, 2022, 13, .	3.5	1
668	CD206+ tumor-associated macrophages cross-present tumor antigen and drive antitumor immunity. JCI Insight, 2022, 7, .	5.0	29
669	The oncogenic role of tubulin alpha-1c chain in human tumours. BMC Cancer, 2022, 22, 498.	2.6	8
670	Functional Phenotypes of Peritoneal Macrophages Upon AMD3100 Treatment During Colitis-Associated Tumorigenesis. Frontiers in Medicine, 2022, 9, .	2.6	1
671	Multifunctional Nanosystems Powered Photodynamic Immunotherapy. Frontiers in Pharmacology, 2022, 13, .	3.5	11
672	A Distinct Glucose Metabolism Signature of Lung Adenocarcinoma With Prognostic Value. Frontiers in Genetics, 2022, 13, .	2.3	0
673	Natural compounds: A new perspective on targeting polarization and infiltration of tumor-associated macrophages in lung cancer. Biomedicine and Pharmacotherapy, 2022, 151, 113096.	5.6	11
674	d-2-Hydroxyglutarate is an anti-inflammatory immunometabolite that accumulates in macrophages after TLR4 activation. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166427.	3.8	19

#	Article	IF	CITATIONS
675	Macrophage differentiation in the tissues of myomatous nodes, depending on MRI pattern. Russian Journal of Immunology: RJI: Official Journal of Russian Society of Immunology, 2021, 24, 69-76.	0.4	0
676	Induced CAR-Macrophages as a Novel Therapeutic Cell Type for Cancer Immune Cell Therapies. Cells, 2022, 11, 1652.	4.1	19
677	Deconvolution of malignant pleural effusions immune landscape unravels a novel macrophage signature associated with worse clinical outcome in lung adenocarcinoma patients. , 2022, 10, e004239.		6
678	Immunosuppressive cells in cancer: mechanisms and potential therapeutic targets. Journal of Hematology and Oncology, 2022, 15, 61.	17.0	120
679	Enabling CAR-T cells for solid tumors: Rage against the suppressive tumor microenvironment. International Review of Cell and Molecular Biology, 2022, , 123-147.	3.2	8
680	Single-cell landscape reveals active cell subtypes and their interaction in the tumor microenvironment of gastric cancer. Theranostics, 2022, 12, 3818-3833.	10.0	40
681	Tumor-associated macrophage heterogeneity is driven by tissue territories in breast cancer. Cell Reports, 2022, 39, 110865.	6.4	35
682	Role of Biological Mediators of Tumor-Associated Macrophages in Breast Cancer Progression. Current Medicinal Chemistry, 2022, 29, 5420-5440.	2.4	6
683	Targeting the Tumor Microenvironment: A Close Up of Tumor-Associated Macrophages and Neutrophils. Frontiers in Oncology, 2022, 12, .	2.8	11
684	M2 Macrophage -Derived Exosomefacilitates Metastasis in Non-Small-Cell Lung Cancer via Delivering Integrin αvβ3. SSRN Electronic Journal, 0, , .	0.4	0
685	STING agonism reprograms tumor-associated macrophages and overcomes resistance to PARP inhibition in BRCA1-deficient models of breast cancer. Nature Communications, 2022, 13, .	12.8	68
686	A lncRNA signature of tumor-infiltrating macrophages is associated with prognosis and tumor immunity in lung adenocarcinoma. Computers in Biology and Medicine, 2022, 148, 105655.	7.0	1
687	Polymersomesâ€Mediated Delivery of CSF1R Inhibitor to Tumor Associated Macrophages Promotes M2 to M1‣ike Macrophage Repolarization. Macromolecular Bioscience, 2022, 22, .	4.1	6
688	Boosting Anti-tumour Immunity Using Adjuvant Apigenin. Anti-Cancer Agents in Medicinal Chemistry, 2023, 23, 266-277.	1.7	8
690	Changes in Pulmonary Microenvironment Aids Lung Metastasis of Breast Cancer. Frontiers in Oncology, 0, 12, .	2.8	3
691	Endothelial extracellular vesicles promote tumour growth by tumourâ€associated macrophage reprogramming. Journal of Extracellular Vesicles, 2022, 11, .	12.2	24
692	Turning adversity into opportunity: Small extracellular vesicles as nanocarriers for tumorâ€associated macrophages reâ€education. Bioengineering and Translational Medicine, 2023, 8, .	7.1	3
693	Prognostic value of tumor-infiltrating CD163+macrophage in patients with metastatic gastric cancer undergoing multidisciplinary treatment. BMC Cancer, 2022, 22, .	2.6	1

#	Article	IF	CITATIONS
694	Loss of Cxcr2 in Myeloid Cells Promotes Tumour Progression and T Cell Infiltration in Invasive Bladder Cancer. Bladder Cancer, 2022, , 1-14.	0.4	0
695	Mesoporous peroxidase nanozyme for synergistic chemodynamic therapy and chemotherapy. Colloids and Surfaces B: Biointerfaces, 2022, 216, 112603.	5.0	7
697	Nanodrug regulates lactic acid metabolism to reprogram the immunosuppressive tumor microenvironment for enhanced cancer immunotherapy. Biomaterials Science, 2022, 10, 3892-3900.	5.4	19
698	Tumor Immune Microenvironment of Soft Tissue Sarcoma. , 2022, , 639-647.		1
699	Activation of CD44 signaling in leader cells induced by tumor-associated macrophages drives collective detachment in luminal breast carcinomas. Cell Death and Disease, 2022, 13, .	6.3	2
700	Current Status and Future Directions of Bacteria-Based Immunotherapy. Frontiers in Immunology, 0, 13, .	4.8	7
701	CAR T Cell Therapy in Hematological Malignancies: Implications of the Tumor Microenvironment and Biomarkers on Efficacy and Toxicity. International Journal of Molecular Sciences, 2022, 23, 6931.	4.1	3
702	Orchestrated Action of AMPK Activation and Combined VEGF/PD-1 Blockade with Lipid Metabolic Tunning as Multi-Target Therapeutics against Ovarian Cancers. International Journal of Molecular Sciences, 2022, 23, 6857.	4.1	8
703	Transcriptome Analysis Reveals the Immune Infiltration Profiles in Cervical Cancer and Identifies KRT23 as an Immunotherapeutic Target. Frontiers in Oncology, 0, 12, .	2.8	4
704	Acetyl-CoA Synthetase 2 as a Therapeutic Target in Tumor Metabolism. Cancers, 2022, 14, 2896.	3.7	13
705	The Landscape and Clinical Application of the Tumor Microenvironment in Gastroenteropancreatic Neuroendocrine Neoplasms. Cancers, 2022, 14, 2911.	3.7	3
706	Extracellularâ€Vesicleâ€Based Drug Delivery Systems for Enhanced Antitumor Therapies through Modulating the Cancerâ€Immunity Cycle. Advanced Materials, 2022, 34, .	21.0	43
707	Single-cell RNA-seq of a soft-tissue sarcoma model reveals the critical role of tumor-expressed MIF in shaping macrophage heterogeneity. Cell Reports, 2022, 39, 110977.	6.4	17
708	PD-L1 blockade restores CAR T cell activity through IFN-γ-regulation of CD163+ M2 macrophages. , 2022, 10, e004400.		16
709	The immune cell atlas of human neuroblastoma. Cell Reports Medicine, 2022, 3, 100657.	6.5	17
710	Macrophages derived from pluripotent stem cells: prospective applications and research gaps. Cell and Bioscience, 2022, 12, .	4.8	12
711	Non-cytotoxic nanoparticles re-educating macrophages achieving both innate and adaptive immune responses for tumor therapy. Asian Journal of Pharmaceutical Sciences, 2022, 17, 557-570.	9.1	7
712	HMGA1 Promotes Macrophage Recruitment via Activation of NF-κB-CCL2 Signaling in Hepatocellular Carcinoma. Journal of Immunology Research, 2022, 2022, 1-10.	2.2	8

#	Article	IF	CITATIONS
713	Targeting tumor-associated macrophages for cancer treatment. Cell and Bioscience, 2022, 12, .	4.8	55
714	Macrophage diversity in cancer revisited in the era of single-cell omics. Trends in Immunology, 2022, 43, 546-563.	6.8	154
715	G-quadruplex stabilizer Tetra-Pt(bpy) disrupts telomere maintenance and impairs FAK-mediated migration of telomerase-positive cells. International Journal of Biological Macromolecules, 2022, 213, 858-870.	7.5	3
716	The overall process of metastasis: From initiation to a new tumor. Biochimica Et Biophysica Acta: Reviews on Cancer, 2022, 1877, 188750.	7.4	8
717	Innovative cancer nanomedicine based on immunology, gene editing, intracellular trafficking control. Journal of Controlled Release, 2022, 348, 357-369.	9.9	3
718	Metabolism and polarization regulation of macrophages in the tumor microenvironment. Cancer Letters, 2022, 543, 215766.	7.2	26
720	Tumor-Infiltrating Myeloid Cell Subsets Correlate with Overall Survival in Lung Squamous Carcinoma. SSRN Electronic Journal, 0, , .	0.4	0
721	Nanotechnology-Based siRNA Delivery Systems to Overcome Tumor Immune Evasion in Cancer Immunotherapy. Pharmaceutics, 2022, 14, 1344.	4.5	8
722	Reactive Oxygen Species Bridge the Gap between Chronic Inflammation and Tumor Development. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-22.	4.0	20
723	Bioinformatic analysis of cancer-associated fibroblast related gene signature as a predictive model in clinical outcomes and immune characteristics of gastric cancer. Annals of Translational Medicine, 2022, 10, 698-698.	1.7	8
724	Mapping the Tumor Microenvironment in TNBC and Deep Exploration for M1 Macrophages-Associated Prognostic Genes. Frontiers in Immunology, 0, 13, .	4.8	5
725	Superkine IL-2 and IL-33 Armored CAR T Cells Reshape the Tumor Microenvironment and Reduce Growth of Multiple Solid Tumors. Cancer Immunology Research, 2022, 10, 962-977.	3.4	12
727	Biomimetic Nanoplatform Loading Type I Aggregation-Induced Emission Photosensitizer and Clutamine Blockade to Regulate Nutrient Partitioning for Enhancing Antitumor Immunotherapy. ACS Nano, 2022, 16, 10742-10753.	14.6	26
728	The Role of Metabolic Plasticity of Tumor-Associated Macrophages in Shaping the Tumor Microenvironment Immunity. Cancers, 2022, 14, 3331.	3.7	17
729	Harnessing immune response using reactive oxygen Species-Generating/Eliminating inorganic biomaterials for disease treatment. Advanced Drug Delivery Reviews, 2022, 188, 114456.	13.7	19
730	An Intratumor Heterogeneity-Related Signature for Predicting Prognosis, Immune Landscape, and Chemotherapy Response in Colon Adenocarcinoma. Frontiers in Medicine, 0, 9, .	2.6	0
731	Complement activation in cancer: Effects on tumor-associated myeloid cells and immunosuppression. Seminars in Immunology, 2022, 60, 101642.	5.6	9
732	Lipid-loaded macrophages as new therapeutic target in cancer. , 2022, 10, e004584.		13

#	Article	IF	CITATIONS
733	Role and Mechanisms of Tumor-AssociatedÂMacrophagesÂin HematologicalÂMalignancies. Frontiers in Oncology, 0, 12, .	2.8	6
734	SLC26A4 correlates with homologous recombination deficiency and patient prognosis in prostate cancer. Journal of Translational Medicine, 2022, 20, .	4.4	2
735	Targeting Angiogenesis via Resolution of Inflammation. Cold Spring Harbor Perspectives in Medicine, 2023, 13, a041172.	6.2	6
736	Targeting EZH2 to overcome the resistance to immunotherapy in lung cancer. Seminars in Oncology, 2022, 49, 306-318.	2.2	8
737	Graphdiyne oxide nanosheets reprogram immunosuppressive macrophage for cancer immunotherapy. Nano Today, 2022, 45, 101543.	11.9	10
738	Nanotherapeutic treatment of the invasive glioblastoma tumor microenvironment. Advanced Drug Delivery Reviews, 2022, 188, 114415.	13.7	20
739	Immunomodulation Effect of Biomaterials on Bone Formation. Journal of Functional Biomaterials, 2022, 13, 103.	4.4	15
740	Tumor-Associated Macrophages in Canine Oral and Cutaneous Melanomas and Melanocytomas: Phenotypic and Prognostic Assessment. Frontiers in Veterinary Science, 0, 9, .	2.2	7
741	Interleukin-32Î ³ promotes macrophage-mediated chemoresistance by inducing CSF1-dependent M2 macrophage polarization in multiple myeloma. Cancer Immunology, Immunotherapy, 2023, 72, 327-338.	4.2	3
742	Mechanoregulation of Metastasis beyond the Matrix. Cancer Research, 2022, 82, 3409-3419.	0.9	6
743	Vitexin alleviates breast tumor in mice via skewing TAMs toward an iNOS+ profile orchestrating effective CD8+ T cell activation. Journal of Functional Foods, 2022, 95, 105190.	3.4	2
744	The origins of resident macrophages in mammary gland influence the tumorigenesis of breast cancer. International Immunopharmacology, 2022, 110, 109047.	3.8	8
745	Tumor-associated macrophage-targeted photodynamic cancer therapy using a dextran sulfate-based nano-photosensitizer. International Journal of Biological Macromolecules, 2022, 218, 384-393.	7.5	6
746	A Visualizable Metallodrug Modulates Immune-Vascular Crosstalk to Combat Immunosuppressive Liver Cancer. SSRN Electronic Journal, 0, , .	0.4	0
747	Progress of tumor-associated macrophages in the epithelial-mesenchymal transition of tumor. Frontiers in Oncology, 0, 12, .	2.8	10
748	Macrophages as tools and targets in cancer therapy. Nature Reviews Drug Discovery, 2022, 21, 799-820.	46.4	443
749	Downregulation of IL-8 and IL-10 by the Activation of Ca2+-Activated K+ Channel KCa3.1 in THP-1-Derived M2 Macrophages. International Journal of Molecular Sciences, 2022, 23, 8603.	4.1	7
750	Bidirectional anisotropic palladium nanozymes reprogram macrophages to enhance collaborative chemodynamic therapy of colorectal cancer. Acta Biomaterialia, 2022, 151, 537-548.	8.3	10

#	Article	IF	CITATIONS
751	Pan-Cancer Analysis of the Immunological Role of PDIA5: A Potential Target for Immunotherapy. Frontiers in Immunology, 0, 13, .	4.8	2
752	Enzymeâ€Activatable Chemokine Conjugates for In Vivo Targeting of Tumorâ€Associated Macrophages. Angewandte Chemie - International Edition, 2022, 61, .	13.8	17
753	Enzymeâ€Activatable Chemokine Conjugates for In Vivo Targeting of Tumorâ€Associated Macrophages. Angewandte Chemie, 0, , .	2.0	2
754	Roles of exosomes as drug delivery systems in cancer immunotherapy: a mini-review. Discover Oncology, 2022, 13, .	2.1	13
755	Functional 2D Ironâ€Based Nanosheets for Synergistic Immunotherapy, Phototherapy, and Chemotherapy of Tumor. Advanced Healthcare Materials, 2022, 11, .	7.6	8
756	Intracavity generation of glioma stem cell–specific CAR macrophages primes locoregional immunity for postoperative glioblastoma therapy. Science Translational Medicine, 2022, 14, .	12.4	68
757	Cancer immune therapy using engineered â€tail-flipping' nanoliposomes targeting alternatively activated macrophages. Nature Communications, 2022, 13, .	12.8	13
758	Nanomaterials: A powerful tool for tumor immunotherapy. Frontiers in Immunology, 0, 13, .	4.8	5
759	"Iron triangle―of regulating the uterine microecology: Endometrial microbiota, immunity and endometrium. Frontiers in Immunology, 0, 13, .	4.8	8
760	The Biocomplex Assembled from Antigen Peptide and Toll-like Receptor Agonist Improved the Immunity against Pancreatic Adenocarcinoma In Vivo. Journal of Oncology, 2022, 2022, 1-10.	1.3	0
761	Macrophages in melanoma: A double‑edged sword and targeted therapy strategies (Review). Experimental and Therapeutic Medicine, 2022, 24, .	1.8	9
762	Targeted Regulation and Cellular Imaging of Tumor-Associated Macrophages in Triple-Negative Breast Cancer: From New Mechanistic Insights to Candidate Translational Applications. , 0, , .		0
763	Oncofetal reprogramming in tumour development and progression. Nature Reviews Cancer, 2022, 22, 593-602.	28.4	22
764	Docetaxel-loaded M1 macrophage-derived exosomes for a safe and efficient chemoimmunotherapy of breast cancer. Journal of Nanobiotechnology, 2022, 20, .	9.1	30
765	A novel O2- (2,4-dinitrophenyl) diazeniumdiolate inhibits hepatocellular carcinoma migration, invasion, and EMT through the Wnt/β-catenin pathway. Toxicology in Vitro, 2022, 84, 105456.	2.4	1
766	Methionine enkephalin inhibits colorectal cancer by remodeling the immune status of the tumor microenvironment. International Immunopharmacology, 2022, 111, 109125.	3.8	7
767	Antitumor effect of a polysaccharide from Pseudostellaria heterophylla through reversing tumor-associated macrophages phenotype. International Journal of Biological Macromolecules, 2022, 220, 816-826.	7.5	8
768	Comprehensive analysis reveals the potential value of inflammatory response genes in the prognosis, immunity, and drug sensitivity of lung adenocarcinoma. BMC Medical Genomics, 2022, 15, .	1.5	3

ARTICLE IF CITATIONS FOXP3+/CD68+ ratio within the tumor microenvironment may serve as a potential prognostic factor in 769 2.4 2 classical Hodgkin lymphoma. Human Immunology, 2022, 83, 843-856. Boosting doxil-based chemoimmunotherapy via reprogramming tumor-associated macrophages. 770 12.7 Chemical Engineering Journal, 2023, 451, 138971. Shaping of the Immune Landscape by Chemokine Receptors that Impacts the Clinical Outcome in 771 0 Triple-Negative Breast Cancer., 2022, , . Polarized Autologous Macrophages (PAM) Can Be a Tumor Vaccine. Oncologie, 2022, 24, 441-449. Inhibition of APOE potentiates immune checkpoint therapy for cancer. International Journal of 773 6.4 9 Biological Sciences, 2022, 18, 5230-5240. 774 Organic–Inorganic Nanohybrids in Cancer Treatment. Materials Horizons, 2022, , 107-132. 775 Horizontal Integration: Disease – Cancer Systems Biology. , 2022, , . 0 New opportunities for immunomodulation of the tumour microenvironment using chemical tools. 38.1 Chemical Society Reviews, 2022, 51, 7944-7970. Comparison of the Clinical Value of the Geriatric Nutritional Risk Index and Prognostic Nutritional 777 Index as Determinants of Survival Outcome in Patients with Gastric Cancer. Journal of Cancer, 2022, 2.5 4 13, 3348-3357. 778 Targeting tumor microenvironment for breast cancer treatment., 2022, , 249-277. Increased expression of MMP17 predicts poor clinical outcomes in epithelial ovarian cancer patients. 779 5 1.0 Medicine (United States), 2022, 101, e30279. LOX and Its Methylation Impact Prognosis of Diseases and Correlate with TAM Infiltration in ESCA. 1.3 Journal of Oncology, 2022, 2022, 1-18. Systemic Checkpoint Blockade by PD-L1 Single-Chain Antibody Confers Potent Antitumor Immunity and 781 4.1 3 Long-term Survival. Molecular Cancer Therapeutics, 2022, 21, 1710-1721. Mitochondria and Cancer Recurrence after Liver Transplantationâ€"What Is the Benefit of Machine 4.1 Perfusion?. International Journal of Molecular Sciences, 2022, 23, 9747. Targeting tumour-reprogrammed myeloid cells: the new battleground in cancer immunotherapy. 783 6.1 14 Seminars in Immunopathology, 2023, 45, 163-186. Identification of tumourâ€infiltrating myeloid subsets associated with overall survival in lung 784 squamous cell carcinoma. Journal of Pathology, 0, , . Crosstalk between tumor-associated macrophages and tumor cells promotes chemoresistance via 785 4.1 12 CXCL5/PI3K/AKT/mTOR pathway in gastric cancer. Cancer Cell International, 2022, 22, . Integrated genomic, transcriptomic, and epigenetic analyses identify a leukotriene synthesis-related 786 M2 macrophage gene signature that predicts prognosis and treatment vulnerability in gliomas. 4.8 Frontiers in Immunology, 0, 13, .

#	Article	IF	CITATIONS
787	CircMERTK modulates the suppressive capacity of tumor-associated macrophage via targeting IL-10 in colorectal cancer. Human Cell, 2023, 36, 276-285.	2.7	2
788	LRIG2 promotes glioblastoma progression by modulating innate antitumor immunity through macrophage infiltration and polarization. , 2022, 10, e004452.		6
789	Tumor-associated macrophages are shaped by intratumoral high potassium via Kir2.1. Cell Metabolism, 2022, 34, 1843-1859.e11.	16.2	22
790	KLK6 Functions as an Oncogene and Unfavorable Prognostic Factor in Bladder Urothelial Carcinoma. Disease Markers, 2022, 2022, 1-14.	1.3	1
791	Semibulk RNA-seq analysis as a convenient method for measuring gene expression statuses in a local cellular environment. Scientific Reports, 2022, 12, .	3.3	1
792	The pleiotropic mode and molecular mechanism of macrophages in promoting tumor progression and metastasis. Clinical and Translational Oncology, 0, , .	2.4	1
793	PD-L1-Mediated Immunosuppression in Hepatocellular Carcinoma: Relationship with Macrophages Infiltration and Inflammatory Response Activity. Biomolecules, 2022, 12, 1226.	4.0	4
794	Identification of the prognostic, diagnostic, and biological significance of the miRâ€148aâ€3p/cathepsin A axis in hepatocellular carcinoma. Journal of Biochemical and Molecular Toxicology, 2022, 36, .	3.0	2
795	Targeting oxidative phosphorylation as an approach for the treatment of ovarian cancer. Frontiers in Oncology, 0, 12, .	2.8	6
796	Applications of machine learning in tumor-associated macrophages. Frontiers in Immunology, 0, 13, .	4.8	1
797	Increased glucose metabolism in TAMs fuels O-GlcNAcylation of lysosomal Cathepsin B to promote cancer metastasis and chemoresistance. Cancer Cell, 2022, 40, 1207-1222.e10.	16.8	76
798	Prognostic Signature Development on the Basis of Macrophage Phagocytosis-Mediated Oxidative Phosphorylation in Bladder Cancer. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-39.	4.0	2
799	Targeting Macrophages with CAR T Cells Delays Solid Tumor Progression and Enhances Antitumor Immunity. Cancer Immunology Research, 2022, 10, 1354-1369.	3.4	20
800	The role of lipid metabolism in tumor immune microenvironment and potential therapeutic strategies. Frontiers in Oncology, 0, 12, .	2.8	12
801	Microenvironment immune response induced by tumor ferroptosis—the application of nanomedicine. Frontiers in Oncology, 0, 12, .	2.8	3
802	Immunomodulatory effects of regorafenib: Enhancing the efficacy of anti-PD-1/PD-L1 therapy. Frontiers in Immunology, 0, 13, .	4.8	8
803	M2-like tumor-associated macrophage-related biomarkers to construct a novel prognostic signature, reveal the immune landscape, and screen drugs in hepatocellular carcinoma. Frontiers in Immunology, 0, 13, .	4.8	21
804	Cancer Immunotherapies Based on Genetically Engineered Macrophages. Cancer Immunology Research, 2022, 10, 1156-1166.	3.4	4

		CITATION R	EPORT	
#	Article		IF	CITATIONS
805	Tumor microenvironment antigens. Seminars in Immunopathology, 2023, 45, 253-264.		6.1	21
806	Origin, productionÂand molecular determinants of macrophages for their therapeutic ta Biology International, 2023, 47, 15-29.	rgeting. Cell	3.0	1
807	Influencing tumor-associated macrophages in malignant melanoma with monoclonal ant Oncolmmunology, 2022, 11, .	ibodies.	4.6	6
808	A novel hypoxia- and lactate metabolism-related signature to predict prognosis and imm responses for breast cancer by integrating machine learning and bioinformatic analyses. Immunology, 0, 13, .	unotherapy Frontiers in	4.8	8
809	PI3K Isoform Immunotherapy for Solid Tumours. Current Topics in Microbiology and Imm 2022, , 369-392.	iunology,	1.1	1
810	A Redox-responsive Prodrug Nanogel of TLR7/8 Agonist for Improved Cancer Immunothe Journal of Polymer Science (English Edition), 2023, 41, 32-39.	rapy. Chinese	3.8	2
812	Chronic inflammation, cancer development and immunotherapy. Frontiers in Pharmacolo	ogy, 0, 13, .	3.5	24
813	Colorectal Cancer and Purinergic Signalling: An Overview. Cancers, 2022, 14, 4887.		3.7	6
814	Transcriptome-based network analysis related to M2-like tumor-associated macrophage identified VARS1 as a potential target for improving melanoma immunotherapy efficacy. Translational Medicine, 2022, 20, .	infiltration Journal of	4.4	6
815	Metabolic Reprogramming in Tumor-Associated Macrophages in the Ovarian Tumor Micr Cancers, 2022, 14, 5224.	oenvironment.	3.7	7
816	Gastric cancer-derived exosomal miR-519a-3p promotes liver metastasis by inducing intr macrophage-mediated angiogenesis. Journal of Experimental and Clinical Cancer Researc	ahepatic M2-like :h, 2022, 41, .	8.6	43
817	A novel risk model construction and immune landscape analysis of gastric cancer based cuproptosis-related long noncoding RNAs. Frontiers in Oncology, 0, 12, .	on	2.8	1
818	Significance of macrophage infiltration in the prognosis of lung adenocarcinoma patient by scRNA and bulkRNA analysis. Frontiers in Immunology, 0, 13, .	s evaluated	4.8	3
819	Platinumâ€Based TREM2 Inhibitor Suppresses Tumors by Remodeling the Immunosuppre Microenvironment. Angewandte Chemie - International Edition, 2023, 62, .	essive	13.8	22
820	The Macrophage-Associated LncRNA <i>MALR</i> Facilitates ILF3 Liquid–Liquid Phase Promote HIF1α Signaling in Esophageal Cancer. Cancer Research, 2023, 83, 1476-1489	Separation to	0.9	10
821	The Role of Fusobacterium nucleatum in Colorectal Cancer Cell Proliferation and Migrati Cancers, 2022, 14, 5350.	on.	3.7	4
822	Neuronal CaMKK2 promotes immunosuppression and checkpoint blockade resistance in Nature Communications, 2022, 13, .	glioblastoma.	12.8	11
823	Association of CD206 Protein Expression with Immune Infiltration and Prognosis in Patie Triple-Negative Breast Cancer. Cancers, 2022, 14, 4829.	nts with	3.7	8

#	Article	IF	CITATIONS
824	Macrophage Reprogramming with Antiâ€miR223‣oaded Artificial Protocells Enhances In Vivo Cancer Therapeutic Potential. Advanced Science, 2022, 9, .	11.2	2
825	Transcriptomic Profiling of Breast Cancer Cells Induced by Tumor-Associated Macrophages Generates a Robust Prognostic Gene Signature. Cancers, 2022, 14, 5364.	3.7	2
826	Updates in combined approaches of radiotherapy and immune checkpoint inhibitors for the treatment of breast cancer. Frontiers in Oncology, 0, 12, .	2.8	6
827	A theranostic metallodrug modulates immunovascular crosstalk to combat immunosuppressive liver cancer. Acta Biomaterialia, 2022, 154, 478-496.	8.3	11
828	Antitumor strategies targeting macrophages: the importance of considering the differences in differentiation/polarization processes between human and mouse macrophages. , 2022, 10, e005560.		7
829	Platinumâ€based TREM2 Inhibitor Suppresses TumorÂvia Remodeling Immunosuppressive Microenvironment. Angewandte Chemie, 0, , .	2.0	1
830	Single-cell technologies: From research to application. Innovation(China), 2022, 3, 100342.	9.1	13
832	NK cells and solid tumors: therapeutic potential and persisting obstacles. Molecular Cancer, 2022, 21, .	19.2	42
833	A Novel Prognostic Chemokine-Related IncRNAs Signature Associated with Immune Landscape in Colon Adenocarcinoma. Disease Markers, 2022, 2022, 1-38.	1.3	0
834	Targeting myeloid suppressive cells revives cytotoxic anti-tumor responses in pancreatic cancer. IScience, 2022, 25, 105317.	4.1	10
835	Tumor-promoting aftermath post-chemotherapy: A focus on breast cancer. Life Sciences, 2022, 310, 121125.	4.3	15
836	TREM2 knockdown improves the therapeutic effect of PD-1 blockade in hepatocellular carcinoma. Biochemical and Biophysical Research Communications, 2022, 636, 140-146.	2.1	4
837	The Tumor Microenvironment. Environmental Chemistry for A Sustainable World, 2022, , 1-49.	0.5	0
838	A study of macrophage mechanical properties and functional modulation based on the Young's modulus of PLGA-PEG fibers. Biomaterials Science, 2022, 11, 153-161.	5.4	2
839	Producing genetically engineered macrophages with enhanced immunity via microinjection. IEEE Transactions on Nanobioscience, 2022, , 1-1.	3.3	0
840	Mechanism of exosomes in the tumor microenvironment in the abscopal effect (Review). International Journal of Oncology, 2022, 62, .	3.3	1
842	YKL-39 is an independent prognostic factor in gastric adenocarcinoma and is associated with tumor-associated macrophage infiltration and angiogenesis. World Journal of Surgical Oncology, 2022, 20, .	1.9	1
843	ZHX2 in health and disease. Frontiers in Oncology, 0, 12, .	2.8	4

#	Article	IF	CITATIONS
844	Engineered nanomedicines to overcome resistance of pancreatic cancer to immunotherapy. Drug Discovery Today, 2023, 28, 103434.	6.4	3
845	Intralesional Bacillus Calmette–Guérin injections and hypo-fractionated radiation synergistically induce systemic antitumor immune responses. International Immunopharmacology, 2023, 114, 109542.	3.8	0
846	SHH/GLI2-TGF-β1 feedback loop between cancer cells and tumor-associated macrophages maintains epithelial-mesenchymal transition and endoplasmic reticulum homeostasis in cholangiocarcinoma. Pharmacological Research, 2023, 187, 106564.	7.1	4
847	Hybrid core-shell particles for mRNA systemic delivery. Journal of Controlled Release, 2023, 353, 1037-1049.	9.9	14
848	KDM6B regulates M2 polarization of macrophages by modulating the stability of nuclear β-catenin. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2023, 1869, 166611.	3.8	4
849	Immunometabolic attributes and mitochondria-associated signaling of Tumor-Associated Macrophages in tumor microenvironment modulate cancer progression. Biochemical Pharmacology, 2023, 208, 115369.	4.4	10
850	Chapter 15. Tissue-engineered Cancer Models in Drug Screening. Biomaterials Science Series, 2022, , 415-449.	0.2	0
852	Nomogram Based on Monocyte-to-Lymphocyte Ratio to Predict Survival of Unresectable Esophageal Squamous Cell Carcinoma Who Receive First-Line PD-1/PD-L1 Inhibitors Combined with Chemotherapy. Current Oncology, 2022, 29, 8937-8954.	2.2	4
853	TGF-Î ² Signaling in Metastatic Colorectal Cancer (mCRC): From Underlying Mechanism to Potential Applications in Clinical Development. International Journal of Molecular Sciences, 2022, 23, 14436.	4.1	13
854	Peptide-Based [68Ga]Ga Labeled PET Tracer for Tumor Imaging by Targeting Tumor-Associated Macrophages. Pharmaceutics, 2022, 14, 2511.	4.5	1
855	The role of Angiogenesis and remodeling (AR) associated signature for predicting prognosis and clinical outcome of immunotherapy in pan-cancer. Frontiers in Immunology, 0, 13, .	4.8	2
856	Crosstalk of angiogenesis-related subtypes, establishment of a prognostic signature and immune infiltration characteristics in colorectal adenocarcinoma. Frontiers in Immunology, 0, 13, .	4.8	2
857	Proteogenomic insights into the biology and treatment of pancreatic ductal adenocarcinoma. Journal of Hematology and Oncology, 2022, 15, .	17.0	9
858	Tumor-Derived Small Extracellular Vesicles Involved in Breast Cancer Progression and Drug Resistance. International Journal of Molecular Sciences, 2022, 23, 15236.	4.1	2
860	<scp>DNA</scp> methylation landscape of tumorâ€associated macrophages reveals pathways, transcription factors and prognostic value relevant to tripleâ€negative breast cancer patients. International Journal of Cancer, 2023, 152, 1226-1242.	5.1	7
862	The single-cell landscape of cystic echinococcosis in different stages provided insights into endothelial and immune cell heterogeneity. Frontiers in Immunology, 0, 13, .	4.8	3
863	Association between Intratumoral CD8+ T Cells with FoxP3+ and CD163+ Cells: A Potential Immune Intrinsic Negative Feedback Mechanism for Acquired Immune Resistance. Cancers, 2022, 14, 6208.	3.7	2
864	Radiotherapy induced immunogenic cell death by remodeling tumor immune microenvironment. Frontiers in Immunology, 0, 13, .	4.8	8

	CITATION	CITATION REPORT	
#	Article	IF	Citations
865	FAM3D as a Prognostic Indicator of Head and Neck Squamous Cell Carcinoma Is Associated with Immune Infiltration. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-29.	1.3	0
866	Macrophage colony stimulating factor potentially induces recruitment and maturation of macrophages in recurrent pituitary neuroendocrine tumors. Microbiology and Immunology, 0, , .	1.4	3
867	Dual Immunostimulatory Pathway Agonism through a Synthetic Nanocarrier Triggers Robust Antiâ€Tumor Immunity in Murine Glioblastoma. Advanced Materials, 2023, 35, .	21.0	9
868	Tumor-Infiltrating Lymphocytes and Immune Response in HER2-Positive Breast Cancer. Cancers, 2022, 14, 6034.	3.7	6
869	M2â€like macrophageâ€derived exosomes facilitate metastasis in nonâ€smallâ€cell lung cancer by delivering integrin αVβ3. MedComm, 2023, 4, .	⁵ 7.2	9
870	Xâ€rayâ€Guided In Situ Genetic Engineering of Macrophages for Sustained Cancer Immunotherapy. Advanced Materials, 2023, 35, .	21.0	9
871	Mannose-modified hyaluronic acid nanocapsules for the targeting of tumor-associated macrophages. Drug Delivery and Translational Research, 2023, 13, 1896-1911.	5.8	6
872	Targeting macrophages: a novel treatment strategy in solid tumors. Journal of Translational Medicine, 2022, 20, .	4.4	14
873	Harnessing bioactive nanomaterials in modulating tumor glycolysis-associated metabolism. Journal of Nanobiotechnology, 2022, 20, .	9.1	6
874	Singleâ€cell and spatial analyses reveal the association between gene expression of glutamine synthetase with the immunosuppressive phenotype of <scp>APOE</scp> + <scp>CTSZ</scp> + <scp>TAM</scp> in cancers. Molecular Oncology, 2023, 17, 611-628	4.6	6
875	UBC9 deficiency enhances immunostimulatory macrophage activation and subsequent antitumor T cell response in prostate cancer. Journal of Clinical Investigation, 2023, 133, .	8.2	11
876	Heterogeneity of tumor-infiltrating myeloid cells in era of single-cell genomics. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2022, 34, 543-553.	2.2	2
877	In Vivo Analysis of Tumor-Associated Macrophages in the Tumor Microenvironment. Methods in Molecular Biology, 2023, , 93-108.	0.9	1
878	The portrayal of macrophages as tools and targets: A paradigm shift in cancer management. Life Sciences, 2023, 316, 121399.	4.3	2
880	In Vitro Methods to Evaluate Macrophage Polarization and Function in Cancer. Methods in Molecular Biology, 2023, , 81-91.	0.9	2
882	High-Resolution Analysis of Mononuclear Phagocytes Reveals GPNMB as a Prognostic Marker in Human Colorectal Liver Metastasis. Cancer Immunology Research, 2023, 11, 405-420.	3.4	6
883	Advanced development of biomarkers for immunotherapy in hepatocellular carcinoma. Frontiers in Oncology, 0, 12, .	2.8	3
884	The impact of decreased expression of SVEP1 on abnormal neovascularization and poor prognosis in patients with intrahepatic cholangiocarcinoma. Frontiers in Genetics, 0, 13, .	2.3	0

#	Article	IF	CITATIONS
885	Porous Silicon Nanocarriers Boost the Immunomodulation of Mitochondria-Targeted Bovine Serum Albumins on Macrophage Polarization. ACS Nano, 2023, 17, 1036-1053.	14.6	8
886	Recent advances in macrophage-derived exosomes as delivery vehicles. , 2022, 1, e9130013.		8
887	Biomaterialâ€Based In Situ Cancer Vaccines. Advanced Materials, 0, , .	21.0	13
888	Current State of Immunotherapy and Mechanisms of Immune Evasion in Ewing Sarcoma and Osteosarcoma. Cancers, 2023, 15, 272.	3.7	13
889	Macrophages as a Potential Immunotherapeutic Target in Solid Cancers. Vaccines, 2023, 11, 55.	4.4	10
890	Macrophage Resistance to Ionizing Radiation Exposure Is Accompanied by Decreased Cathepsin D and Increased Transferrin Receptor 1 Expression. Cancers, 2023, 15, 270.	3.7	0
891	USP14-mediated deubiquitination of SIRT1 in macrophage promotes fatty acid oxidation amplification and M2 phenotype polarization. Biochemical and Biophysical Research Communications, 2023, 646, 19-29.	2.1	7
892	Role of Noncoding RNAs in the Tumor Immune Microenvironment of Hepatocellular Carcinoma. Journal of Clinical and Translational Hepatology, 2023, 000, 000-000.	1.4	0
893	Itraconazole Repolarizes Tumor-associated Macrophages and Suppresses Cervical Cancer Cell Growth. Anticancer Research, 2023, 43, 569-580.	1.1	3
894	Organogermanium THGP Induces Differentiation into M1 Macrophages and Suppresses the Proliferation of Melanoma Cells via Phagocytosis. International Journal of Molecular Sciences, 2023, 24, 1885.	4.1	5
895	Proteogenomics of diffuse gliomas reveal molecular subtypes associated with specific therapeutic targets and immune-evasion mechanisms. Nature Communications, 2023, 14, .	12.8	7
897	Do macrophages follow the beat of circadian rhythm in TIME (Tumor Immune Microenvironment)?. F1000Research, 0, 12, 101.	1.6	0
898	Tissue-resident macrophages are major tumor-associated macrophage resources, contributing to early TNBC development, recurrence, and metastases. Communications Biology, 2023, 6, .	4.4	7
899	Genomic and immune landscape Of metastatic pheochromocytoma and paraganglioma. Nature Communications, 2023, 14, .	12.8	8
900	The role of macrophages-mediated communications among cell compositions of tumor microenvironment in cancer progression. Frontiers in Immunology, 0, 14, .	4.8	6
901	Involvement of protumor macrophages in breast cancer progression and characterization of macrophage phenotypes. Cancer Science, 2023, 114, 2220-2229.	3.9	10
902	Lactate induces tumor-associated macrophage polarization independent of mitochondrial pyruvate carrier-mediated metabolism. International Journal of Biological Macromolecules, 2023, 237, 123810.	7.5	3
903	The role of metabolic reprogramming of tumor-associated macrophages in shaping the immunosuppressive tumor microenvironment. Biomedicine and Pharmacotherapy, 2023, 161, 114504.	5.6	5

	CHAHON R	EPORT	
#	Article	IF	CITATIONS
904	Macrophage CD5L is a target for cancer immunotherapy. EBioMedicine, 2023, 91, 104555.	6.1	4
905	Sialic acid-targeted cyclodextrin-based nanoparticles deliver CSF-1R siRNA and reprogram tumour-associated macrophages for immunotherapy of prostate cancer. European Journal of Pharmaceutical Sciences, 2023, 185, 106427.	4.0	12
907	Palmitic acid-modified human serum albumin paclitaxel nanoparticles targeting tumor and macrophages against breast cancer. European Journal of Pharmaceutics and Biopharmaceutics, 2023, 183, 132-141.	4.3	4
908	A Physiologically Responsive Nanocomposite Hydrogel for Treatment of Head and Neck Squamous Cell Carcinoma via Proteolysisâ€Targeting Chimeras Enhanced Immunotherapy. Advanced Materials, 2023, 35, .	21.0	11
909	Combination of hyaluronic acid conjugates with immunogenic cell death inducer and CpG for glioblastoma local chemo-immunotherapy elicits an immune response and induces long-term survival. Biomaterials, 2023, 294, 122006.	11.4	13
910	Chronic stress in solid tumor development: from mechanisms to interventions. Journal of Biomedical Science, 2023, 30, .	7.0	8
911	A prognostic model based on necroptosis-related genes for prognosis and therapy in bladder cancer. BMC Urology, 2023, 23, .	1.4	0
912	The emerging role of triggering receptor expressed on myeloid cell-2 in malignant tumor. Central-European Journal of Immunology, 2022, 47, 373-381.	1.2	0
913	Lactate from glycolysis regulates inflammatory macrophage polarization in breast cancer. Cancer Immunology, Immunotherapy, 2023, 72, 1917-1932.	4.2	5
914	Tumorâ^'associated macrophage polarization in the inflammatory tumor microenvironment. Frontiers in Oncology, 0, 13, .	2.8	14
915	UTMD inhibits pancreatic cancer growth and metastasis by inducing macrophage polarization and vessel normalization. Biomedicine and Pharmacotherapy, 2023, 160, 114322.	5.6	6
916	Characterization of the microenvironment in different immune-metabolism subtypes of cervical cancer with prognostic significance. Frontiers in Genetics, 0, 14, .	2.3	3
917	Biodegradable photothermal thermosensitive hydrogels treat osteosarcoma by reprogramming macrophages. Biomaterials Science, 2023, 11, 2818-2827.	5.4	1
918	NK cells are never alone: crosstalk and communication in tumour microenvironments. Molecular Cancer, 2023, 22, .	19.2	19
919	TIPE2 acts as a tumor suppressor and correlates with tumor microenvironment immunity in epithelial ovarian cancer. Aging, 0, , .	3.1	0
920	A timeline of tumour-associated macrophage biology. Nature Reviews Cancer, 2023, 23, 238-257.	28.4	83
921	The role of macrophages in non-small cell lung cancer and advancements in 3D co-cultures. ELife, 0, 12, .	6.0	4
922	Angiogenesis regulators S100A4, SPARC and SPP1 correlate with macrophage infiltration and are prognostic biomarkers in colon and rectal cancers. Frontiers in Oncology, 0, 13, .	2.8	8

ARTICLE IF CITATIONS # Low Expression of CLEC2B Indicates Poor Prognosis in Melanoma. Clinical, Cosmetic and 923 1.8 1 Investigational Dermatology, 0, Volume 16, 463-477. Managing the immune microenvironment of osteosarcoma: the outlook for osteosarcoma treatment. 924 11.4 38 Bone Research, 2023, 11, . Comprehensive genomics analysis of aging related gene signature to predict the prognosis and drug 925 3.5 2 resistance of colon adenocarcinoma. Frontiers in Pharmacology, 0, 14, . Mechanisms Underlying Tumor-Associated Macrophages (TAMs)-Facilitated Metastasis., 2023, , 1-54. 926 â€~Off the shelf' immunotherapies: Generation and application of pluripotent stem cellâ€derived immune 927 5.3 5 cells. Cell Proliferation, 2023, 56, . A bispecific glycopeptide spatiotemporally regulates tumor microenvironment for inhibiting bladder cancer recurrence. Science Advances, 2023, 9, . 928 10.3 Medicinal plant-derived mtDNA via nanovesicles induces the cGAS-STING pathway to remold 929 9.1 12 tumor-associated macrophages for tumor regression. Journal of Nanobiotechnology, 2023, 21, . Targeting STING Activation by Antigenâ€Inspired MnO₂ Nanovaccines Optimizes Tumor 930 7.6 Radiotherapy. Advanced Healthcare Materials, 2023, 12, . Interaction between tumor cell TNFR2 and monocyte membrane-bound TNF-1± triggers tumorigenic 931 2 inflammation in neuroblastoma., 2023, 11, e005478. A Real-Time Image-Based Efferocytosis Assay for the Discovery of Functionally Inhibitory Anti-MerTK 0.8 Antibodies. Journal of Immunology, 2023, 210, 1166-1176. Phagocytosis increases an oxidative metabolic and immune suppressive signature in tumor 933 7 8.5 macrophages. Journal of Experimental Medicine, 2023, 220, . Tumor-associated macrophages respond to chemotherapy by detrimental transcriptional 934 4.8 reprogramming and suppressing stabilin-1 mediated clearance of EGF. Frontiers in Immunology, 0, 14, . Emerging phagocytosis checkpoints in cancer immunotherapy. Signal Transduction and Targeted 935 17.1 32 Therapy, 2023, 8, . The Role of Different Immunocompetent Cell Populations in the Pathogenesis of Head and Neck Cancerâ€"Regulatory Mechanisms of Pro- and Anti-Cancer Activity and Their Impact on Immunotherapy. Cancers, 2023, 15, 1642. 3.7 Quinolinate promotes macrophage-induced immune tolerance in glioblastoma through the 938 12.8 9 NMDAR/PPARI³ signaling axis. Nature Communications, 2023, 14, . Immune landscape in invasive ductal and lobular breast cancer reveals a divergent macrophage-driven microenvironment. Nature Cancer, 2023, 4, 516-534. Engineered Macrophagesâ€Based uPAâ€Scavenger Load Gemcitabine to Prompt Robust Treating Cancer 940 7.6 1 Metastasis. Advanced Healthcare Materials, 2023, 12, . Macrophage STING signaling promotes NK cell to suppress colorectal cancer liver metastasis via 941 4-1BBL/4-1BB co-stimulation., 2023, 11, e006481.

#	Article	IF	CITATIONS
942	An innovative risk index based on neutrophils and macrophages can effectively predict prognosis and immunotherapy response in patients with muscle-invasive bladder cancer. Translational Cancer Research, 2023, 12, 536-549.	1.0	0
943	A biomimetic nanoplatform for precise reprogramming of tumor-associated macrophages and NIR-II mediated antitumor immune activation. Acta Biomaterialia, 2023, 162, 85-97.	8.3	7
944	A core-satellite micellar system against primary tumors and their lymphatic metastasis through modulation of fatty acid metabolism blockade and tumor-associated macrophages. Nanoscale, 2023, 15, 8320-8336.	5.6	2
945	Macrophage-derived SHP-2 inhibits the metastasis of colorectal cancer via Tie2-PI3K signals. Oncology Research, 2023, 31, 125-139.	1.5	1
946	Stromal and therapy-induced macrophage proliferation promotes PDAC progression and susceptibility to innate immunotherapy. Journal of Experimental Medicine, 2023, 220, .	8.5	7
947	Risk stratification based on DNA damage-repair-related signature reflects the microenvironmental feature, metabolic status and therapeutic response of breast cancer. Frontiers in Immunology, 0, 14, .	4.8	2
948	Unleashing the potential of combining FGFR inhibitor and immune checkpoint blockade for FGF/FGFR signaling in tumor microenvironment. Molecular Cancer, 2023, 22, .	19.2	18
949	Reprogramming Hypoxic Tumorâ€Associated Macrophages by Nanoglycoclusters for Boosted Cancer Immunotherapy. Advanced Materials, 2023, 35, .	21.0	5
950	M1 polarization enhances the antitumor activity of chimeric antigen receptor macrophages in solid tumors. Journal of Translational Medicine, 2023, 21, .	4.4	5
951	The role of macrophages in the tumor microenvironment and tumor metabolism. Seminars in Immunopathology, 2023, 45, 187-201.	6.1	7
952	Targeting the NF-κB pathway enhances responsiveness of mammary tumors to JAK inhibitors. Scientific Reports, 2023, 13, .	3.3	0
954	Comprehensive analyses of cuproptosis-related gene CDKN2A on prognosis and immunologic therapy in human tumors. Medicine (United States), 2023, 102, e33468.	1.0	6
956	The extracellular secretion of miR-1825 wrapped by exosomes increases CLEC5A expression: A potential oncogenic mechanism in ovarian cancer. Biocell, 2023, 47, 1039-1050.	0.7	0
957	In Situ Sustained Macrophage-Targeted Nanomicelle–Hydrogel Microspheres for Inhibiting Osteoarthritis. Research, 2023, 6, .	5.7	5
958	Delivering the next generation of cancer immunotherapies with RNA. Cell, 2023, 186, 1535-1540.	28.9	10
959	Distinct circulating cytokine/chemokine profiles correlate with clinical benefit of immune checkpoint inhibitor monotherapy and combination therapy in advanced nonâ€small cell lung cancer. Cancer Medicine, 2023, 12, 12234-12252.	2.8	2
960	Identification of mitochondrial respiratory chain signature for predicting prognosis and immunotherapy response in stomach adenocarcinoma. Cancer Cell International, 2023, 23, .	4.1	0
961	Candida albicans Promotes Oral Cancer via IL-17A/IL-17RA-Macrophage Axis. MBio, 2023, 14,	4.1	9

#	Article	IF	CITATIONS
963	Reprogramming tumor-associated macrophages as a unique approach to target tumor immunotherapy. Frontiers in Immunology, 0, 14, .	4.8	14
964	Editorial: The role of angiogenesis and immune response in tumor microenvironment of solid tumor. Frontiers in Immunology, 0, 14, .	4.8	0
965	Tumor-Associated Macrophage Subsets: Shaping Polarization and Targeting. International Journal of Molecular Sciences, 2023, 24, 7493.	4.1	22
966	Dissecting the single-cell transcriptome network of macrophage and identifies a signature to predict prognosis in lung adenocarcinoma. Cellular Oncology (Dordrecht), 2023, 46, 1351-1368.	4.4	2
967	Novel chemokine related LncRNA signature correlates with the prognosis, immune landscape, and therapeutic sensitivity of esophageal squamous cell cancer. BMC Gastroenterology, 2023, 23, .	2.0	2
968	Type I interferon response in astrocytes promotes brain metastasis by enhancing monocytic myeloid cell recruitment. Nature Communications, 2023, 14, .	12.8	7
969	M2 macrophage-derived exosomes suppress tumor intrinsic immunogenicity to confer immunotherapy resistance. Oncolmmunology, 2023, 12, .	4.6	6
970	New insights into the roles of peroxiredoxins in cancer. Biomedicine and Pharmacotherapy, 2023, 164, 114896.	5.6	3
971	Targeting of Annexin A1 in Tumor-associated Macrophages as a therapeutic strategy for hepatocellular carcinoma. Biochemical Pharmacology, 2023, 213, 115612.	4.4	2
972	Subtypes analysis and prognostic model construction based on lysosome-related genes in colon adenocarcinoma. Frontiers in Genetics, 0, 14, .	2.3	0
973	The Role of Macrophages in Cancer Immunity. , 2022, , 1-26.		0
974	Lipid metabolism in tumor immunology and immunotherapy. Frontiers in Oncology, 0, 13, .	2.8	0
975	Laeviganoids A–T, <i>ent</i> -Clerodane-Type Diterpenoids from <i>Croton laevigatus</i> . Journal of Natural Products, 2023, 86, 1345-1359.	3.0	6
976	Crosstalk between macrophages and cardiac cells after myocardial infarction. Cell Communication and Signaling, 2023, 21, .	6.5	10
977	A Nanovaccine Based on Adjuvant Peptide FKâ€13 and <scp>l</scp> â€Phenylalanine Poly(ester amide) Enhances CD8 ⁺ T Cellâ€Mediated Antitumor Immunity. Advanced Science, 2023, 10, .	11.2	8
978	Identification of a novel signature based on macrophage-related marker genes to predict prognosis and immunotherapeutic effects in hepatocellular carcinoma. Frontiers in Oncology, 0, 13, .	2.8	2
979	Supramolecular Polymerâ€Nanomedicine Hydrogel Loaded with Tumor Associated Macrophageâ€Reprogramming polyTLR7/8a Nanoregulator for Enhanced Antiâ€Angiogenesis Therapy of Orthotopic Hepatocellular Carcinoma. Advanced Science, 2023, 10, .	11.2	7
980	<scp>DACH1</scp> regulates macrophage activation and tumour progression in hypopharyngeal squamous cell carcinoma. Immunology, 2023, 170, 253-269.	4.4	1

#	Article	IF	CITATIONS
981	Modeling the Tumor Microenvironment and Cancer Immunotherapy in Next-Generation Humanized Mice. Cancers, 2023, 15, 2989.	3.7	5
982	Leveraging Macrophage-Mediated Cancer Immunotherapy via a Cascading Effect Induced by a Molecularly Imprinted Nanocoordinator. ACS Applied Materials & Interfaces, 2023, 15, 27658-27669.	8.0	0
983	CD300f signalling induces inhibitory human monocytes/macrophages. Cellular Immunology, 2023, 390, 104731.	3.0	0
984	Stromal circuits involving tumor-associated macrophages and cancer-associated fibroblasts. Frontiers in Immunology, 0, 14, .	4.8	2
985	Epigenetic regulation and therapeutic targets in the tumor microenvironment. Molecular Biomedicine, 2023, 4, .	4.4	4
986	Salvia mitiorrhiza Bunge aqueous extract attenuates infiltration of tumor-associated macrophages and potentiates anti-PD-L1 immunotherapy in colorectal cancer through modulating Cox2/PGE2 cascade. Journal of Ethnopharmacology, 2023, 316, 116735.	4.1	7
987	Preparation of Bacillus-mimic liposomes destroying TAMs for the treatment of cancer. Nanoscale, 0, , .	5.6	0
988	Tumor subtypes and signature model construction based on chromatin regulators for better prediction of prognosis in uveal melanoma. Pathology and Oncology Research, 0, 29, .	1.9	0
989	It takes two to tango: the role of tumor-associated macrophages in T cell-directed immune checkpoint blockade therapy. Frontiers in Immunology, 0, 14, .	4.8	1
991	Syk Inhibition Reprograms Tumor-Associated Macrophages and Overcomes Gemcitabine-Induced Immunosuppression in Pancreatic Ductal Adenocarcinoma. Cancer Research, 2023, 83, 2675-2689.	0.9	1
992	Flagella of Tumorâ€ŧargeting Bacteria Trigger Local Hemorrhage to Reprogram Tumorâ€associated Macrophages for Improved Antitumor Therapy. Advanced Materials, 0, , .	21.0	0
993	Emerging advances in nanobiomaterials-assisted chimeric antigen receptor (CAR)-macrophages for tumor immunotherapy. Frontiers in Bioengineering and Biotechnology, 0, 11, .	4.1	1
994	Tumour-associated macrophages as a potential target to improve natural killer cell-based immunotherapies. Essays in Biochemistry, 0, , .	4.7	0
995	NK cells direct the perspective approaches to cancer immunotherapy. , 2023, 40, .		0
996	Paraoxonase 2 (PON2) plays a limited role in murine lung tumorigenesis. Scientific Reports, 2023, 13, .	3.3	3
997	Bioresponsive and multifunctional cyclodextrin-based non-viral nanocomplexes in cancer therapy: Building foundations for gene and drug delivery, immunotherapy and bioimaging. Environmental Research, 2023, 234, 116507.	7.5	4
999	Targeting IRG1 reverses the immunosuppressive function of tumor-associated macrophages and enhances cancer immunotherapy. Science Advances, 2023, 9, .	10.3	13
1000	Promotion of ICD via Nanotechnology. Macromolecular Bioscience, 0, , .	4.1	0

#	Article	IF	CITATIONS
1001	Advances in landscape and related therapeutic targets of the prostate tumor microenvironment. Acta Biochimica Et Biophysica Sinica, 2023, 55, 956-973.	2.0	4
1002	Immunomodulatory effects of β-defensin 2 on tumor associated macrophages induced antitumor function in breast cancer. Advances in Cancer Biology Metastasis, 2023, 7, 100102.	2.0	0
1003	Macrophages in immunoregulation and therapeutics. Signal Transduction and Targeted Therapy, 2023, 8, .	17.1	107
1004	Crosstalk between Thyroid Carcinoma and Tumor-Correlated Immune Cells in the Tumor Microenvironment. Cancers, 2023, 15, 2863.	3.7	0
1005	Fatty acids metabolism affects the therapeutic effect of anti-PD-1/PD-L1 in tumor immune microenvironment in clear cell renal cell carcinoma. Journal of Translational Medicine, 2023, 21, .	4.4	7
1006	Screening and identification of prognostic genes associated with eosinophilic features of clear cell renal cell carcinoma. Heliyon, 2023, 9, e16479.	3.2	4
1007	Macrophages and Urokinase Plasminogen Activator Receptor System in Multiple Myeloma: Case Series and Literature Review. International Journal of Molecular Sciences, 2023, 24, 10519.	4.1	0
1008	Identification and Validation of a Metabolism-Related Prognostic Signature Associated with M2 Macrophage Infiltration in Gastric Cancer. International Journal of Molecular Sciences, 2023, 24, 10625.	4.1	1
1009	Dual identity of tumor-associated macrophage in regulated cell death and oncotherapy. Heliyon, 2023, 9, e17582.	3.2	0
1010	Emerging roles of ferroptosis-related miRNAs in tumor metastasis. Cell Death Discovery, 2023, 9, .	4.7	1
1012	Leveraging immune resistance archetypes in solid cancer to inform next-generation anticancer therapies. , 2023, 11, e006533.		3
1013	T cells, NK cells, and tumor-associated macrophages in cancer immunotherapy and the current state of the art of drug delivery systems. Frontiers in Immunology, 0, 14, .	4.8	3
1014	Bioinspired yeast-based β-glucan system for oral drug delivery. Carbohydrate Polymers, 2023, 319, 121163.	10.2	3
1015	MIF is a critical regulator of mononuclear phagocytic infiltration in hepatocellular carcinoma. IScience, 2023, 26, 107273.	4.1	2
1016	PD-L2 overexpression on tumor-associated macrophages is one of the predictors for better prognosis in lung adenocarcinoma. Medical Molecular Morphology, 2023, 56, 250-256.	1.0	1
1017	É'-Solanine Affects the Apoptosis and Angiogenesis of M2-Like TAMs Cells by Regulating the <i>PI3K</i> / <i>AKT</i> / <i>mTOR</i> Signaling Pathway Under Hypoxia. Natural Product Communications, 2023, 18, .	0.5	0
1018	Understanding and Overcoming Immunosuppression Shaped by Cancer Stem Cells. Cancer Research, 2023, 83, 2096-2104.	0.9	2
1019	Anlotinib Combined with Antiâ€PD1 Potentiates Antiâ€Tumor Immunity via Immunogenic Cell Death and Macrophage Reprogramming. Advanced Therapeutics, 2023, 6, .	3.2	0

#	Article	IF	Citations
1020	A five-collagen-based risk model in lung adenocarcinoma: prognostic significance and immune landscape. Frontiers in Oncology, 0, 13, .	2.8	0
1021	Tumor-associated myeloid cells in cancer immunotherapy. Journal of Hematology and Oncology, 2023, 16, .	17.0	4
1022	Miniâ€review: Immunology in ovarian cancer. Journal of Obstetrics and Gynaecology Research, 0, , .	1.3	0
1023	Intratumoral Abundance of M2-Macrophages is Associated With Unfavorable Prognosis and Markers of T-Cell Exhaustion in Small Cell Lung Cancer Patients. Modern Pathology, 2023, 36, 100272.	5.5	1
1024	Dual impact of radiation therapy on tumor-targeting immune responses. International Review of Cell and Molecular Biology, 2023, , xiii-xxiv.	3.2	0
1025	Roles of macrophages in tumor development: a spatiotemporal perspective. , 2023, 20, 983-992.		16
1027	A chemotherapy response prediction model derived from tumor-promoting B and Tregs and proinflammatory macrophages in HGSOC. Frontiers in Oncology, 0, 13, .	2.8	1
1028	Macrophage fusion event as one prerequisite for inorganic nanoparticle-induced antitumor response. Science Advances, 2023, 9, .	10.3	2
1029	Blocking LTB4 signaling-mediated TAMs recruitment by Rhizoma Coptidis sensitizes lung cancer to immunotherapy. Phytomedicine, 2023, 119, 154968.	5.3	3
1030	Macrophage-Based Therapeutic Strategies in Hematologic Malignancies. Cancers, 2023, 15, 3722.	3.7	0
1031	Metabolism, metabolites, and macrophages in cancer. Journal of Hematology and Oncology, 2023, 16, .	17.0	15
1032	Dopamine-Mediated Biopolymer Multilayer Coatings for Modulating Cell Behavior, Lubrication, and Drug Release. ACS Applied Materials & Interfaces, 2023, 15, 37986-37996.	8.0	1
1033	SHP2 is involved in the occurrence, development and prognosis of cancer. Oncology Letters, 2023, 26, .	1.8	0
1034	Multifunctional Redox-Responsive Nanoplatform with Dual Activation of Macrophages and T Cells for Antitumor Immunotherapy. ACS Nano, 0, , .	14.6	3
1035	A feed-forward loop based on aerobic glycolysis and TGF-β between tumor-associated macrophages and bladder cancer cells promoted malignant progression and immune escape. Journal of Cancer Research and Clinical Oncology, 0, , .	2.5	1
1036	The XOR-IDH3α axis controls macrophage polarization in hepatocellular carcinoma. Journal of Hepatology, 2023, , .	3.7	1
1037	Blockade of tumor-derived colony-stimulating factor 1 (CSF1) promotes an immune-permissive tumor microenvironment. Cancer Immunology, Immunotherapy, 2023, 72, 3349-3362.	4.2	2
1038	Recent advances in strategies to target the behavior of macrophages in wound healing. Biomedicine and Pharmacotherapy, 2023, 165, 115199.	5.6	2

#	Article	IF	Citations
1039	The effect of m2 peptide targeted nanoliposomes containing crocin on induction of phenotypic change in tumor macrophages to M1 state. Life Sciences, 2023, 330, 121992.	4.3	0
1041	Innate Immune System in the Context of Radiation Therapy for Cancer. Cancers, 2023, 15, 3972.	3.7	1
1042	Tumor-associated macrophages: Potential therapeutic targets and diagnostic markers in cancer. Pathology Research and Practice, 2023, 249, 154739.	2.3	6
1043	Promise and Challenges of T Cell Immunotherapy for Osteosarcoma. International Journal of Molecular Sciences, 2023, 24, 12520.	4.1	2
1044	Blocked Autophagy is Involved in Layered Double Hydroxideâ€Induced Repolarization and ImmuneÂActivation in Tumorâ€Associated Macrophages. Advanced Healthcare Materials, 2023, 12, .	7.6	3
1045	Hyaluronic acid-bilirubin nanomedicine-based combination chemoimmunotherapy. Nature Communications, 2023, 14, .	12.8	2
1046	Macrophages as Promising Carriers for Nanoparticle Delivery in Anticancer Therapy. International Journal of Nanomedicine, 0, Volume 18, 4521-4539.	6.7	1
1047	Immune regulation in gastric adenocarcinoma is linked with therapeutic efficacy and improved recovery. Frontiers in Genetics, 0, 14, .	2.3	0
1048	A Novel Neutrophil Extracellular Traps Signature for Overall Survival Prediction and Tumor Microenvironment Identification in Gastric Cancer. Journal of Inflammation Research, 0, Volume 16, 3419-3436.	3.5	2
1049	Transcription factor Zhx2 is a checkpoint that programs macrophage polarization and antitumor response. Cell Death and Differentiation, 0, , .	11.2	0
1050	Lipid-based nanoparticles for cancer immunotherapy. Medical Review, 2023, 3, 230-269.	1.2	1
1051	Targeting Macrophages for Tumor Therapy. AAPS Journal, 2023, 25, .	4.4	2
1052	Tumor-associated macrophages in nanomaterial-based anti-tumor therapy: as target spots or delivery platforms. Frontiers in Bioengineering and Biotechnology, 0, 11, .	4.1	3
1053	C1GalT1 expression reciprocally controls tumour cell-cell and tumour-macrophage interactions mediated by galectin-3 and MGL with double impact on cancer development and progression. Cell Death and Disease, 2023, 14, .	6.3	0
1054	Cancer chemotherapy resistance: Mechanisms and recent breakthrough in targeted drug delivery. European Journal of Pharmacology, 2023, 958, 176013.	3.5	7
1055	E2F3 renders an immunosuppressive tumor microenvironment in nasopharyngeal carcinoma: Involvements of the transcription activation of PRC1 and BIRC5. Immunity, Inflammation and Disease, 2023, 11, .	2.7	0
1056	Outer Membrane Vesicleâ€Based Nanohybrids Target Tumorâ€Associated Macrophages to Enhance Trained Immunityâ€Related Vaccineâ€Generated Antitumor Activity. Advanced Materials, 2023, 35, .	21.0	2
1057	Tumor-associated monocytes promote mesenchymal transformation through EGFR signaling in glioma. Cell Reports Medicine, 2023, 4, 101177.	6.5	2

#	Article	IF	CITATIONS
1058	Immune-related risk prognostic model for clear cell renal cell carcinoma: Implications for immunotherapy. Medicine (United States), 2023, 102, e34786.	1.0	0
1059	TREM1 activation of myeloid cells promotes antitumor immunity. Science Translational Medicine, 2023, 15, .	12.4	3
1060	Immune evasion by cancer stem cells ensures tumor initiation and failure of immunotherapy. Exploration of Immunology, 0, , 384-405.	0.3	1
1061	Myeloid-specific KDM6B inhibition sensitizes glioblastoma to PD1 blockade. Nature Cancer, 2023, 4, 1455-1473.	13.2	2
1062	Escherichia coli adhesion portion FimH polarizes M2 macrophages to M1 macrophages in tumor microenvironment via toll-like receptor 4. Frontiers in Immunology, 0, 14, .	4.8	0
1063	JunB: a paradigm for Jun family in immune response and cancer. Frontiers in Cellular and Infection Microbiology, 0, 13, .	3.9	2
1064	Siglec-9 ⁺ tumor-associated macrophages delineate an immunosuppressive subset with therapeutic vulnerability in patients with high-grade serous ovarian cancer. , 2023, 11, e007099.		2
1065	Cell Reprogramming Techniques: Contributions to Cancer Therapy. Cellular Reprogramming, 2023, 25, 142-153.	0.9	0
1066	Zymosan A Improved Doxorubicinâ€Induced Ventricular Remodeling by Evoking Heightened Cardiac Inflammatory Responses and Healing in Mice. Journal of the American Heart Association, 2023, 12, .	3.7	1
1067	Lysosome blockade induces divergent metabolic programs in macrophages and tumours for cancer immunotherapy. Journal of Experimental and Clinical Cancer Research, 2023, 42, .	8.6	0
1068	Small Molecule Targeting Immune Cells: A Novel Approach for Cancer Treatment. Biomedicines, 2023, 11, 2621.	3.2	1
1069	Tumor Abnormality-Oriented Nanomedicine Design. Chemical Reviews, 2023, 123, 10920-10989.	47.7	9
1071	Scaffold-Free Multicellular 3D Tissue Constructs Utilizing Bio-orthogonal Click Strategy. Nano Letters, 2023, 23, 8770-8778.	9.1	0
1072	Unveiling the Yin-Yang Balance of M1 and M2 Macrophages in Hepatocellular Carcinoma: Role of Exosomes in Tumor Microenvironment and Immune Modulation. Cells, 2023, 12, 2036.	4.1	3
1073	Functional polarization of tumor-associated macrophages dictated by metabolic reprogramming. Journal of Experimental and Clinical Cancer Research, 2023, 42, .	8.6	4
1074	Zyxin Inhibits the Proliferation, Migration, and Invasion of Osteosarcoma via Rap1-Mediated Inhibition of the MEK/ERK Signaling Pathway. Biomedicines, 2023, 11, 2314.	3.2	0
1075	Identification of specific prognostic markers for lung squamous cell carcinoma based on tumor progression, immune infiltration, and stem index. Frontiers in Immunology, 0, 14, .	4.8	0
1076	Subverted macrophages in the triple-negative breast cancer ecosystem. Biomedicine and Pharmacotherapy, 2023, 166, 115414.	5.6	0

#	Article	IF	CITATIONS
1077	Thermo-responsive-polymeric-gates of poly(N-isopropylacrylamide)/N-(hydroxymethyl)acrylamide coated magnetic nanoparticles as a synergistic approach to cancer therapy: Drug release and kinetics models of chemothermal magnetic nanoparticles. Materials and Design, 2023, 234, 112350.	7.0	1
1078	JMJD6 in tumor-associated macrophage regulates macrophage polarization and cancer progression via STAT3/IL-10 axis. Oncogene, 2023, 42, 2737-2750.	5.9	2
1079	Tâ€ ϵ ell derived extracellular vesicles prime macrophages for improved STING based cancer immunotherapy. Journal of Extracellular Vesicles, 2023, 12, .	12.2	1
1080	A tumor microenvironment-responsive microneedle patch for chemodynamic therapy of oral squamous cell carcinoma. Nanoscale Advances, 0, , .	4.6	0
1081	Immune-epigenetic crosstalk in haematological malignancies. Frontiers in Cell and Developmental Biology, 0, 11, .	3.7	1
1082	M2 macrophage inhibits the antitumor effects of Lenvatinib on intrahepatic cholangiocarcinoma. Frontiers in Immunology, 0, 14, .	4.8	1
1083	Perspectives of targeting LILRB1 in innate and adaptive immune checkpoint therapy of cancer. Frontiers in Immunology, 0, 14, .	4.8	3
1084	Multi-omics characteristics of tumor-associated macrophages in the tumor microenvironment of gastric cancer and their exploration of immunotherapy potential. Scientific Reports, 2023, 13, .	3.3	0
1086	SLC10A3 Is a Prognostic Biomarker and Involved in Immune Infiltration and Programmed Cell Death in Lower Grade Glioma. World Neurosurgery, 2023, 178, e595-e640.	1.3	0
1087	Applications of engineered tumor-derived extracellular vesicles in the treatment of cancer. Journal of Drug Delivery Science and Technology, 2023, 88, 104786.	3.0	Ο
1088	Interleukin-10 increases macrophage-mediated chemotherapy resistance via FABP5 signaling in multiple myeloma. International Immunopharmacology, 2023, 124, 110859.	3.8	0
1089	Bacteriaâ€Based Backpacks to Enhance Adoptive Macrophage Transfer against Solid Tumors. Advanced Materials, 2024, 36, .	21.0	1
1090	Phagocytic cooperativity by tumour macrophages. Nature Biomedical Engineering, 2023, 7, 1057-1059.	22.5	0
1091	Size control of induced pluripotent stem cells colonies in two-dimensional culture for differentiation into functional monocyte-like cells. Cytotherapy, 2023, 25, 1338-1348.	0.7	Ο
1093	Prognostic and immunological roles of IL18RAP in human cancers. Aging, 2023, 15, 9059-9085.	3.1	0
1094	Evolutionary Dynamics Optimal Research-Oriented Tumor Immunity Architecture. , 2024, , 53-75.		Ο
1095	Immunotherapy and biomarkers in patients with lung cancer with tuberculosis: Recent advances and future Directions. IScience, 2023, 26, 107881.	4.1	4
1096	Key role of exosomes derived from M2 macrophages in maintaining cancer cell stemness (Review). International Journal of Oncology, 2023, 63, .	3.3	1

#	Article	IF	CITATIONS
1098	Galectin-3 Cooperates with CD47 to Suppress Phagocytosis and T-cell Immunity in Gastric Cancer Peritoneal Metastases. Cancer Research, 2023, 83, 3726-3738.	0.9	1
1099	Thermal/ultrasound-triggered release of liposomes loaded with Ganoderma applanatum polysaccharide from microbubbles for enhanced tumour ablation. Journal of Controlled Release, 2023, 363, 84-100.	9.9	1
1100	Tumor-associated macrophages as a potential therapeutic target in thyroid cancers. Cancer Immunology, Immunotherapy, 0, , .	4.2	0
1101	Approaches for boosting antitumor immunity in prostate cancer therapy: A comprehensive review on drugs, products, and nanoparticles. Journal of Drug Delivery Science and Technology, 2023, 89, 105048.	3.0	2
1102	An Integrative Bioorthogonal Nanoengineering Strategy for Dynamically Constructing Heterogenous Tumor Spheroids. Advanced Materials, 2023, 35, .	21.0	1
1103	Upregulation of exosome secretion from tumor-associated macrophages plays a key role in the suppression of anti-tumor immunity. Cell Reports, 2023, 42, 113224.	6.4	4
1104	TIM-3 Expression and M2 Polarization of Macrophages in the TGFÎ ² -Activated Tumor Microenvironment in Colorectal Cancer. Cancers, 2023, 15, 4943.	3.7	0
1106	Targeting the Heterogeneous Tumour-Associated Macrophages in Hepatocellular Carcinoma. Cancers, 2023, 15, 4977.	3.7	0
1107	CYB5R1 is a potential biomarker that correlates with stemness and drug resistance in gastric cancer. Translational Oncology, 2024, 39, 101766.	3.7	0
1108	Modulation of immune cells with mRNA nanoformulations for cancer immunotherapy. Current Opinion in Biotechnology, 2023, 84, 103014.	6.6	0
1109	Classification of the tumor immune microenvironment and associations with outcomes in patients with metastatic melanoma treated with immunotherapies. , 2023, 11, e007144.		3
1110	Decoding the Impact of Tumor Microenvironment in Osteosarcoma Progression and Metastasis. Cancers, 2023, 15, 5108.	3.7	2
1111	Application of exosomes as nanocarriers in cancer therapy. Journal of Materials Chemistry B, O, , .	5.8	1
1112	Targeting circulating tumor cells to prevent metastases. Human Cell, 0, , .	2.7	0
1113	Natural cationic polymer-derived injectable hydrogels for targeted chemotherapy. Materials Advances, 2023, 4, 6064-6091.	5.4	1
1114	The Immunological Landscape of M1 and M2 Macrophages and Their Spatial Distribution in Patients with Malignant Pleural Mesothelioma. Cancers, 2023, 15, 5116.	3.7	0
1115	Liposomal Delivery of an Immunostimulatory CpG Induces Robust Antitumor Immunity and Longâ€Term Immune Memory by Reprogramming Tumorâ€Associated Macrophages. Advanced Healthcare Materials, 2024, 13, .	7.6	0
1116	Targeting and repolarizing M2-like tumor-associated macrophage-mediated MR imaging and tumor immunotherapy by biomimetic nanoparticles. Journal of Nanobiotechnology, 2023, 21, .	9.1	2

#	Article	IF	Citations
1117	Flow Cytometric Analysis of Macrophages and Cytokines Profile in the Bronchoalveolar Lavage Fluid in Patients with Lung Cancer. Cancers, 2023, 15, 5175.	3.7	0
1118	MYL9 expressed in cancer-associated fibroblasts regulate the immune microenvironment of colorectal cancer and promotes tumor progression in an autocrine manner. Journal of Experimental and Clinical Cancer Research, 2023, 42, .	8.6	2
1119	Lobular Carcinoma of the Breast: A Comprehensive Review with Translational Insights. Cancers, 2023, 15, 5491.	3.7	1
1120	Exosome derived from tumor-associated macrophages: biogenesis, functions, and therapeutic implications in human cancers. Biomarker Research, 2023, 11, .	6.8	0
1121	Potential Associations between Vascular Biology and Hodgkin's Lymphoma: An Overview. Cancers, 2023, 15, 5299.	3.7	0
1122	Tumour-associated macrophages: versatile players in the tumour microenvironment. Frontiers in Cell and Developmental Biology, 0, 11, .	3.7	3
1123	Living Cellâ€Derived Intelligent Nanobots for Precision Oncotherapy. Advanced Functional Materials, 2024, 34, .	14.9	3
1124	Targeting tumor-associated macrophage: an adjuvant strategy for lung cancer therapy. Frontiers in Immunology, 0, 14, .	4.8	0
1125	Exploiting innate immunity for cancer immunotherapy. Molecular Cancer, 2023, 22, .	19.2	6
1126	Cucurbitacin I Reverses Tumor-Associated Macrophage Polarization to Affect Cancer Cell Metastasis. International Journal of Molecular Sciences, 2023, 24, 15920.	4.1	1
1127	Cell Death Pathway Regulation by Functional Nanomedicines for Robust Antitumor Immunity. Advanced Science, 2024, 11, .	11.2	1
1128	Biomimetic Nanoarchitectonics with Chitosan Nanogels for Collaborative Induction of Ferroptosis and Anticancer Immunity for Cancer Therapy. Advanced Healthcare Materials, 0, , .	7.6	1
1129	Investigating the crosstalk between chronic stress and immune cells: implications for enhanced cancer therapy. Frontiers in Neuroscience, 0, 17, .	2.8	0
1130	CTHRC1 promotes colorectal cancer progression by recruiting tumor-associated macrophages via up-regulation of CCL15. Journal of Molecular Medicine, 2024, 102, 81-94.	3.9	1
1131	A second-generation M1-polarized CAR macrophage with antitumor efficacy. Nature Immunology, 2024, 25, 102-116.	14.5	5
1132	OSM May Serve as a Biomarker of Poor Prognosis in Clear Cell Renal Cell Carcinoma and Promote Tumor Cell Invasion and Migration. International Journal of Genomics, 2023, 2023, 1-15.	1.6	0
1133	Impact of disulfidptosis-associated clusters on breast cancer survival rates and guiding personalized treatment. Frontiers in Endocrinology, 0, 14, .	3.5	0
1134	Why Does Your Uterus Become Malignant? The Impact of the Microbiome on Endometrial Carcinogenesis. Life, 2023, 13, 2269.	2.4	0

#	Article	IF	CITATIONS
1135	Bexmarilimab Activates Human Tumor-Associated Macrophages to Support Adaptive Immune Responses in Interferon-Poor Immune Microenvironments. Cancer Immunology Research, 0, , OF1-OF12.	3.4	0
1136	Tumor-derived GABA promotes lung cancer progression by influencing TAMs polarization and neovascularization. International Immunopharmacology, 2024, 126, 111217.	3.8	2
1137	Tryptophan metabolism regulates inflammatory macrophage polarization as a predictive factor for breast cancer immunotherapy. International Immunopharmacology, 2023, 125, 111196.	3.8	0
1138	Ginsenoside Rh2 augmented anti-PD-L1 immunotherapy by reinvigorating CD8+ T cells via increasing intratumoral CXCL10. Pharmacological Research, 2023, 198, 106988.	7.1	1
1139	Hemosiderin-Laden Macrophages in Canine Mammary Carcinomas. Animals, 2023, 13, 3634.	2.3	0
1140	Advancing CAR-based immunotherapies in solid tumors: CAR- macrophages and neutrophils. Frontiers in Immunology, 0, 14, .	4.8	0
1141	Oncofetal reprogramming in tumor development and progression: novel insights into cancer therapy. MedComm, 2023, 4, .	7.2	1
1142	The role of macrophages in gastric cancer. Frontiers in Immunology, 0, 14, .	4.8	0
1143	Identification of prognostic coagulation-related signatures in clear cell renal cell carcinoma through integrated multi-omics analysis and machine learning. Computers in Biology and Medicine, 2024, 168, 107779.	7.0	0
1144	Hemorrhage-activated NRF2 in tumor-associated macrophages drives cancer growth, invasion, and immunotherapy resistance. Journal of Clinical Investigation, O, , .	8.2	0
1145	Multicellular tumor spheroid model to study the multifaceted role of tumor-associated macrophages in PDAC. Drug Delivery and Translational Research, 0, , .	5.8	0
1146	Targeting the oral tumor microenvironment by nanoparticles: A review of progresses. Journal of Drug Delivery Science and Technology, 2024, 91, 105248.	3.0	Ο
1147	Research progress on the role of tumorâ€ʿassociated macrophages in tumor development and their use as molecular targets (Review). International Journal of Oncology, 2023, 64, .	3.3	1
1148	Immune Cells in the Tumor Microenvironment of Soft Tissue Sarcomas. Cancers, 2023, 15, 5760.	3.7	Ο
1149	Radiogenomic landscape: Assessment of specific phagocytosis regulators in lower-grade gliomas. Experimental Biology and Medicine, 0, , .	2.4	0
1150	Dual‑directional effect of vinorelbine combined with cisplatin or fluorouracil on tumor growth and metastasis in metronomic chemotherapy in breast cancer. International Journal of Oncology, 2023, 64,	3.3	0
1151	Cancer nanomedicine: Recent developments in drug delivery systems and strategies to overcome eventual barriers to achieve a better outcome. Journal of Drug Delivery Science and Technology, 2024, 91, 105254.	3.0	0
1152	A Novel Cargo Delivery Systemâ€AnCarâ€Exo ^{LaIMTS} Ameliorates Arthritis via Specifically Targeting Proâ€Inflammatory Macrophages. Advanced Science, 2024, 11, .	11.2	0

#	Article	IF	CITATIONS
1153	Breast cancer remotely imposes a myeloid bias on haematopoietic stem cells by reprogramming the bone marrow niche. Nature Cell Biology, 2023, 25, 1736-1745.	10.3	3
1154	Roles of Tumor-Associated Macrophages in Tumor Environment and Strategies for Targeting Therapy. Pharmaceutical Fronts, 0, , .	0.8	0
1156	Systems immunology spanning tumors, lymph nodes, and periphery. Cell Reports Methods, 2023, 3, 100670.	2.9	0
1157	Leveraging Lymphatic System Targeting in Systemic Lupus Erythematosus for Improved Clinical Outcomes. Pharmacological Reviews, 2024, 76, 228-250.	16.0	0
1158	Preclinical evaluation of the efficacy of an antibody to human SIRPα for cancer immunotherapy in humanized mouse models. Frontiers in Immunology, 0, 14, .	4.8	0
1159	Chimeric Peptideâ€Engineered Selfâ€Đelivery Nanomedicine for Photodynamicâ€Triggered Breast Cancer Immunotherapy by Macrophage Polarization. Small, 0, , .	10.0	0
1160	TAM-preferential nanoparticles intracellularly self-assembled for enhanced macrophage repolarization and cancer immunotherapy. Nano Today, 2024, 54, 102104.	11.9	0
1161	Targeting the prostate tumor microenvironment by plant-derived natural products. Cellular Signalling, 2024, 115, 111011.	3.6	1
1162	GABA induced by sleep deprivation promotes the proliferation and migration of colon tumors through miR-223-3p endogenous pathway and exosome pathway. Journal of Experimental and Clinical Cancer Research, 2023, 42, .	8.6	1
1163	Engineering TGF-β inhibitor-encapsulated macrophage-inspired multi-functional nanoparticles for combination cancer immunotherapy. Biomaterials Research, 2023, 27, .	6.9	1
1164	Machine learning and experimental screening of chromatin regulator signatures and potential drugs in hepatitis B related hepatocellular carcinoma. Journal of Biomolecular Structure and Dynamics, 0, , 1-15.	3.5	0
1165	Proteomic analysis reveals LRPAP1 as a key player in the micropapillary pattern metastasis of lung adenocarcinoma. Heliyon, 2024, 10, e23913.	3.2	0
1167	Nanotechnology Applications in Breast Cancer Immunotherapy. Small, 0, , .	10.0	1
1168	USP7 inhibits the progression of nasopharyngeal carcinoma via promoting SPLUNC1-mediated M1 macrophage polarization through TRIM24. Cell Death and Disease, 2023, 14, .	6.3	0
1169	Restoration of Tumor Suppression to Cancer Carrying p53 Mutations. , 0, , .		0
1170	A panâ€cancer analysis of prognostic significance and immunological role of lysosomalâ€associated membrane protein 3. Journal of Cellular and Molecular Medicine, 2024, 28, .	3.6	0
1171	Cancer microenvironment and pharmacological interventions. British Journal of Pharmacology, 2024, 181, 213-215.	5.4	0
1174	Taurine Inhibits Ferroptosis Mediated by the Crosstalk between Tumor Cells and Tumorâ€Associated Macrophages in Prostate Cancer. Advanced Science, 2024, 11, .	11.2	0

~	_
CITAT	DEDODT
CHAD	NEPUKI

#	Article	IF	CITATIONS
1175	Polymeric nanocapsules loaded with poly(I:C) and resiquimod to reprogram tumor-associated macrophages for the treatment of solid tumors. Frontiers in Immunology, 0, 14, .	4.8	1
1176	Recent Advances in Nanomodulators for Augmenting Cancer Immunotherapy in Cold Tumors: Insights from Drug Delivery to Drugâ€Free Strategies. Advanced Functional Materials, 2024, 34, .	14.9	0
1177	Targeting tumor-associated macrophages: Novel insights into immunotherapy of skin cancer. Journal of Advanced Research, 2024, , .	9.5	0
1179	Advances in Nanoplatforms for Immunotherapy Applications Targeting the Tumor Microenvironment. Molecular Pharmaceutics, 2024, 21, 410-426.	4.6	0
1180	Unleashing the potential of gene signatures as prognostic and predictive tools: A step closer to personalizedÂmedicine in hepatocellular carcinoma (HCC). Cell Biochemistry and Function, 2024, 42, .	2.9	0
1181	Metabolic regulation of tumor-associated macrophage heterogeneity: insights into the tumor microenvironment and immunotherapeutic opportunities. Biomarker Research, 2024, 12, .	6.8	0
1182	Immunotherapies of acute myeloid leukemia: Rationale, clinical evidence and perspective. Biomedicine and Pharmacotherapy, 2024, 171, 116132.	5.6	0
1183	Role of the ubiquitin–proteasome system on macrophages in the tumor microenvironment. Journal of Cellular Physiology, 2024, 239, .	4.1	0
1185	Microglia-mediated drug substance transfer promotes chemoresistance in brain tumors: insights from an in vitro co-culture model using GCV/Tk prodrug system. Cancer Cell International, 2024, 24, .	4.1	0
1186	Triggering receptor expressed on myeloid cells 2 (TREM2) regulates phagocytosis in glioblastoma. Neuro-Oncology, 2024, 26, 826-839.	1.2	2
1187	EGFR-Driven Lung Adenocarcinomas Co-opt Alveolar Macrophage Metabolism and Function to Support EGFR Signaling and Growth. Cancer Discovery, 2024, 14, 524-545.	9.4	0
1188	Development of a novel HER2-CAR monocyte cell therapy with controllable proliferation and enhanced anti-tumor efficacy. Chinese Medical Journal, 0, , .	2.3	0
1189	Arginine-assembly as NO nano-donor prevents the negative feedback of macrophage repolarization by mitochondrial dysfunction for cancer immunotherapy. Biomaterials, 2024, 306, 122474.	11.4	0
1190	Metformin improved a heterologous prime-boost of dual-targeting cancer vaccines to inhibit tumor growth in a melanoma mouse model. International Immunopharmacology, 2024, 128, 111431.	3.8	0
1191	C/EBPα mediates the maturation and antitumor functions of macrophages in human hepatocellular carcinoma. Cancer Letters, 2024, 585, 216638.	7.2	0
1192	Neoadjuvant chemotherapy-induced remodeling of human hormonal receptor-positive breast cancer revealed by single-cell RNA sequencing. Cancer Letters, 2024, 585, 216656.	7.2	0
1193	Artificial intelligence-powered discovery of small molecules inhibiting CTLA-4 in cancer. , 2024, 2, .		1
1194	Nanoparticle-Based Immunotherapy for Reversing T-Cell Exhaustion. International Journal of Molecular Sciences, 2024, 25, 1396.	4.1	0

#	Article	IF	CITATIONS
1195	Targeting the macrophage immunocheckpoint: a novel insight into solid tumor immunotherapy. Cell Communication and Signaling, 2024, 22, .	6.5	0
1196	Prognostic Analysis of Inflammatory Environment in Gastric Malignancies. Advances in Clinical Medicine, 2024, 14, 1336-1342.	0.0	0
1197	Heat shock protein 90: biological functions, diseases, and therapeutic targets. MedComm, 2024, 5, .	7.2	1
1198	Novel tumor-associated macrophage populations and subpopulations by single cell RNA sequencing. Frontiers in Immunology, 0, 14, .	4.8	0
1199	MyD88 in myofibroblasts enhances nonalcoholic fatty liver disease-related hepatocarcinogenesis via promoting macrophage M2 polarization. Cell Communication and Signaling, 2024, 22, .	6.5	1
1200	Bacterial protoplast-derived nanovesicles carrying CRISPR-Cas9 tools re-educate tumor-associated macrophages for enhanced cancer immunotherapy. Nature Communications, 2024, 15, .	12.8	0
1201	Forces at play: exploring factors affecting the cancer metastasis. Frontiers in Immunology, 0, 15, .	4.8	0
1202	Neutral ceramidase regulates breast cancer progression by metabolic programming of TREM2-associated macrophages. Nature Communications, 2024, 15, .	12.8	0
1203	Large-scale generation of IL-12 secreting macrophages from human pluripotent stem cells for cancer therapy. Molecular Therapy - Methods and Clinical Development, 2024, 32, 101204.	4.1	0
1204	Novel application of the ferroptosis-related genes risk model associated with disulfidptosis in hepatocellular carcinoma prognosis and immune infiltration. PeerJ, 0, 12, e16819.	2.0	0
1205	A landscape of checkpoint blockade resistance in cancer: underlying mechanisms and current strategies to overcome resistance. Cancer Biology and Therapy, 2024, 25, .	3.4	0
1206	Knockdown of liver cancer cellâ€secreted exosomal PSMA5 controls macrophage polarization to restrain cancer progression by blocking JAK2/STAT3 signaling. Immunity, Inflammation and Disease, 2024, 12, .	2.7	0
1207	Targeting metabolic sensing switch GPR84 on macrophages for cancer immunotherapy. Cancer Immunology, Immunotherapy, 2024, 73, .	4.2	0
1208	Assessment of Tumor-Associated Tissue Eosinophilia (TATE) and Tumor-Associated Macrophages (TAMs) in Canine Transitional Cell Carcinoma of the Urinary Bladder. Animals, 2024, 14, 519.	2.3	0
1209	The â€~Other' subfamily of HECT E3 ubiquitin ligases evaluate the tumour immune microenvironment and prognosis in patients with hepatocellular carcinoma. IET Systems Biology, 2024, 18, 23-39.	1.5	0
1210	The nuclear factor ID3 endows macrophages with a potent anti-tumour activity. Nature, 2024, 626, 864-873.	27.8	2
1211	Tumor-specific activation of folate receptor beta enables reprogramming of immune cells in the tumor microenvironment. Frontiers in Immunology, 0, 15, .	4.8	0
1212	miRNome targeting NF-ήB signaling orchestrates macrophage-triggered cancer metastasis and recurrence. Molecular Therapy, 2024, 32, 1110-1124.	8.2	0

#	Article	IF	CITATIONS
1213	Downregulation of IRF8 in alveolar macrophages by G-CSF promotes metastatic tumor progression. IScience, 2024, 27, 109187.	4.1	0
1214	A comprehensive review of phytochemicals targeting macrophages for the regulation of colorectal cancer progression. Phytomedicine, 2024, 128, 155451.	5.3	0
1215	The paradoxical role of cytokines and chemokines at the tumor microenvironment: a comprehensive review. European Journal of Medical Research, 2024, 29, .	2.2	0
1217	Multi-omics analysis-based macrophage differentiation-associated papillary thyroid cancer patient classifier. Translational Oncology, 2024, 43, 101889.	3.7	0
1218	m6A-methylated KCTD21-AS1 regulates macrophage phagocytosis through CD47 and cell autophagy through TIPR. Communications Biology, 2024, 7, .	4.4	0
1219	Targeting O-GlcNAcylation in cancer therapeutic resistance: The sugar Saga continues. Cancer Letters, 2024, 588, 216742.	7.2	0
1220	Potential role of p53 deregulation in modulating immune responses in human malignancies: A paradigm to develop immunotherapy. Cancer Letters, 2024, 588, 216766.	7.2	0
1221	TM4SF19—A New Biomarker for Diagnosis and Prognosis of Bladder Urothelial Carcinoma. Advances in Clinical Medicine, 2024, 14, 3616-3632.	0.0	0
1222	Targeting PHGDH reverses the immunosuppressive phenotype of tumor-associated macrophages through I±-ketoglutarate and mTORC1 signaling. , 2024, 21, 448-465.		0
1223	From monocyteâ€derived macrophages to resident macrophages—how metabolism leads their way in cancer. Molecular Oncology, 0, , .	4.6	0
1224	The influence of resolution on the predictive power of spatial heterogeneity measures as biomarkers of liver fibrosis. Computers in Biology and Medicine, 2024, 171, 108231.	7.0	0
1225	Nanomaterials-Involved Tumor-Associated Macrophages' Reprogramming for Antitumor Therapy. ACS Nano, 2024, 18, 7769-7795.	14.6	0
1226	IL6-STAT3-C/EBPβ-IL6 positive feedback loop in tumor-associated macrophages promotes the EMT and metastasis of lung adenocarcinoma. Journal of Experimental and Clinical Cancer Research, 2024, 43, .	8.6	0
1227	Enhancing precision oncology in high-grade serous carcinoma: the emerging role of antibody-based therapies. , 2024, 2, .		0
1228	Unraveling the role of M1 macrophage and CXCL9 in predicting immune checkpoint inhibitor efficacy through multicohort analysis and singleâ $\in\!$	7.2	0
1229	Isolation and high-dimensional flow cytometric analysis of tumor-infiltrating leukocytes in a mouse model of colorectal cancer. Frontiers in Immunology, 0, 15, .	4.8	0
1230	Itaconate in host inflammation and defense. Trends in Endocrinology and Metabolism, 2024, , .	7.1	0
1231	Oxidized mRNA Lipid Nanoparticles for In Situ Chimeric Antigen Receptor Monocyte Engineering. Advanced Functional Materials, 0, , .	14.9	0

#	Article	IF	CITATIONS
1232	Overexpression of malic enzyme is involved in breast cancer growth and is correlated with poor prognosis. Journal of Cellular and Molecular Medicine, 2024, 28, .	3.6	0
1233	In situ injectable hydrogel encapsulating Mn/NO-based immune nano-activator for prevention of postoperative tumor recurrence. Asian Journal of Pharmaceutical Sciences, 2024, 19, 100901.	9.1	0
1234	Conquering chemoresistance in pancreatic cancer: Exploring novel drug therapies and delivery approaches amidst desmoplasia and hypoxia. Cancer Letters, 2024, 588, 216782.	7.2	0
1235	An immune cell map of human lung adenocarcinoma development reveals an anti-tumoral role of the Tfh-dependent tertiary lymphoid structure. Cell Reports Medicine, 2024, 5, 101448.	6.5	0
1236	Host-functionalization of macrin nanoparticles to enable drug loading and control tumor-associated macrophage phenotype. Frontiers in Immunology, 0, 15, .	4.8	0
1237	Proinflammatory polarization of engineered heat-inducible macrophages reprogram the tumor immune microenvironment during cancer immunotherapy. Nature Communications, 2024, 15, .	12.8	0
1238	<i>Diaphorobacter nitroreducens</i> synergize with oxaliplatin to reduce tumor burden in mice with lung adenocarcinoma. MSystems, 2024, 9, .	3.8	0
1239	<scp>CPA4</scp> as a biomarker promotes the proliferation, migration and metastasis of clear cell renal cell carcinoma cells. Journal of Cellular and Molecular Medicine, 2024, 28, .	3.6	0
1240	Emerging measurements for tumor-infiltrating lymphocytes in breast cancer. Japanese Journal of Clinical Oncology, 0, , .	1.3	0
1241	Immune Specific and Tumor-Dependent mRNA Vaccines for Cancer Immunotherapy: Reprogramming Clinical Translation into Tumor Editing Therapy. Pharmaceutics, 2024, 16, 455.	4.5	0
1242	Non-Coding RNAs: Novel Regulators of Macrophage Homeostasis in Ocular Vascular Diseases. Biomolecules, 2024, 14, 328.	4.0	0
1243	Envoplakin Inhibits Macrophage Polarization by Altering the Inflammatory Tumor Microenvironment of Melanoma Through the RAS / ERK Signaling Pathway. Journal of Inflammation Research, 0, Volume 17, 1687-1706.	3.5	0
1244	Macrophage heterogeneity in bone metastasis. Journal of Bone Oncology, 2024, 45, 100598.	2.4	0
1245	Advances in tumor immune microenvironment of head and neck squamous cell carcinoma: A review of literature. Medicine (United States), 2024, 103, e37387.	1.0	0
1246	The dance of macrophage death: the interplay between the inevitable and the microenvironment. Frontiers in Immunology, 0, 15, .	4.8	0