HIF Transcription Factors, Inflammation, and Immunit

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Citation Report

#	Article	IF	Citations
1	Air pollution and allergic diseases. Current Opinion in Pediatrics, 2015, 27, 724-735.	1.0	56
2	Hypoxia and hypoxia-mimetics attenuate the inflammatory response during murine endotoxemia. Intensive Care Medicine Experimental, 2015, 3, .	0.9	O
3	Cross Talk between Proliferative, Angiogenic, and Cellular Mechanisms Orchestred by HIF-1 <i>α</i> in Psoriasis. Mediators of Inflammation, 2015, 2015, 1-11.	1.4	24
4	The Crosstalk between Hypoxia and Innate Immunity in the Development of Obesity-Related Nonalcoholic Fatty Liver Disease. BioMed Research International, 2015, 2015, 1-8.	0.9	15
5	Sevoflurane suppresses hypoxia-induced growth and metastasis of lung cancer cells via inhibiting hypoxia-inducible factor-11±. Journal of Anesthesia, 2015, 29, 821-830.	0.7	52
6	Resistance is not futile: gliotoxin biosynthesis, functionality and utility. Trends in Microbiology, 2015, 23, 419-428.	3.5	96
7	Molecular mechanisms of ischemic preconditioning in the kidney. American Journal of Physiology - Renal Physiology, 2015, 309, F821-F834.	1.3	67
8	Characterization of secretomes provides evidence for adipose-derived mesenchymal stromal cells subtypes. Stem Cell Research and Therapy, 2015, 6, 221.	2.4	114
9	Ferritin-Mediated Iron Sequestration Stabilizes Hypoxia-Inducible Factor- $1\hat{l}_{\pm}$ upon LPS Activation in the Presence of Ample Oxygen. Cell Reports, 2015, 13, 2048-2055.	2.9	106
10	Antiproliferation effect of evodiamine in human colon cancer cells is associated with IGF-1/HIF-1α downregulation. Oncology Reports, 2015, 34, 3203-3211.	1.2	29
11	Tissueâ€resident macrophages: then and now. Immunology, 2015, 144, 541-548.	2.0	274
12	Biomarker Signatures Correlate with Clinical Outcome in Refractory Metastatic Colorectal Cancer Patients Receiving Bevacizumab and Everolimus. Molecular Cancer Therapeutics, 2015, 14, 1048-1056.	1.9	22
13	Minocycline ameliorates hypoxia-induced blood–brain barrier damage by inhibition of HIF-1α through SIRT-3/PHD-2 degradation pathway. Neuroscience, 2015, 304, 250-259.	1.1	54
14	Flipping the molecular switch for innate protection and repair of tissues: Long-lasting effects of a non-erythropoietic small peptide engineered from erythropoietin., 2015, 151, 32-40.		71
15	Alzheimer's disease-related peptide PS2V plays ancient, conserved roles in suppression of the unfolded protein response under hypoxia and stimulation of \hat{I}^3 -secretase activity. Human Molecular Genetics, 2015, 24, 3662-3678.	1.4	33
16	pVHL Negatively Regulates Antiviral Signaling by Targeting MAVS for Proteasomal Degradation. Journal of Immunology, 2015, 195, 1782-1790.	0.4	55
17	Targeting Tumor Hypoxia With Hypoxia-Activated Prodrugs. Journal of Clinical Oncology, 2015, 33, 1505-1508.	0.8	41
18	Hypoxia-inducible factor-1 modulates the expression of vascular endothelial growth factor and endothelial nitric oxide synthase induced by eccentric exercise. Journal of Applied Physiology, 2015, 118, 1075-1083.	1.2	44

#	ARTICLE	IF	Citations
19	Reovirus double-stranded RNA genomes and polyl:C induce down-regulation of hypoxia-inducible factor 11±. Biochemical and Biophysical Research Communications, 2015, 460, 1041-1046.	1.0	10
20	Sustained proliferation in cancer: Mechanisms and novel therapeutic targets. Seminars in Cancer Biology, 2015, 35, S25-S54.	4.3	468
21	Infection homeostasis: implications for therapeutic and immune programming of metabolism in controlling infection. Medical Microbiology and Immunology, 2015, 204, 395-407.	2.6	17
22	Neutrophils and inflammatory metabolism in antimicrobial functions of the mucosa. Journal of Leukocyte Biology, 2015, 98, 517-522.	1.5	25
23	The impact of hypoxia on bacterial infection. FEBS Journal, 2015, 282, 2260-2266.	2.2	116
24	Fighting the force: Potential of homeobox genes for tumor microenvironment regulation. Biochimica Et Biophysica Acta: Reviews on Cancer, 2015, 1855, 248-253.	3.3	10
25	Developing models for cachexia and their implications in drug discovery. Expert Opinion on Drug Discovery, 2015, 10, 743-752.	2.5	15
26	Hypoxia-inducible factors in cancer stem cells and inflammation. Trends in Pharmacological Sciences, 2015, 36, 374-383.	4.0	96
27	Something in the Air: Hyperoxic Conditioning of the Tumor Microenvironment for Enhanced Immunotherapy. Cancer Cell, 2015, 27, 435-436.	7.7	32
28	Exploring the HIFs, buts and maybes of hypoxia signalling in disease: lessons from zebrafish models. DMM Disease Models and Mechanisms, 2015, 8, 1349-1360.	1.2	57
29	Expression of Hypoxia-Inducible Factor- $1\hat{l}_{\pm}$ in the Infiltrative Belt Surrounding Hepatic Alveolar Echinococcosis in Rats. Journal of Parasitology, 2015, 101, 369-373.	0.3	5
30	Hypoxia-inducible factors regulate T cell metabolism and function. Molecular Immunology, 2015, 68, 527-535.	1.0	66
31	Transcriptional regulation of T cell metabolism. Molecular Immunology, 2015, 68, 520-526.	1.0	18
32	The zebrafish miRâ€462/miRâ€₹31 cluster is induced under hypoxic stress <i>via</i> hypoxiaâ€inducible factor 1α and functions in cellular adaptations. FASEB Journal, 2015, 29, 4901-4913.	0.2	35
33	Hypoxia-Inducible Histone Lysine Demethylases: Impact on the Aging Process and Age-Related Diseases. , $2016, 7, 180.$		63
34	Modulation of Innate Immunity by Hypoxia. , 2016, , 81-106.		O
35	The Role of Immune Reactivity in Bone Regeneration. , 0, , .		5
36	The Response of Macrophages and Neutrophils to Hypoxia in the Context of Cancer and Other Inflammatory Diseases. Mediators of Inflammation, 2016, 2016, 1-10.	1.4	61

#	Article	IF	Citations
37	Glioma Stem Cells and Their Microenvironments: Providers of Challenging Therapeutic Targets. Stem Cells International, 2016, 2016, 1-20.	1.2	91
38	Negative Impact of Hypoxia on Tryptophan 2,3-Dioxygenase Function. Mediators of Inflammation, 2016, 2016, 1-11.	1.4	9
39	Overcoming Hypoxia-Mediated Tumor Progression: Combinatorial Approaches Targeting pH Regulation, Angiogenesis and Immune Dysfunction. Frontiers in Cell and Developmental Biology, 2016, 4, 27.	1.8	107
40	Cooperation between HMGA1 and HIF-1 Contributes to Hypoxia-Induced VEGF and Visfatin Gene Expression in 3T3-L1 Adipocytes. Frontiers in Endocrinology, 2016, 7, 73.	1.5	29
41	A Metabolic Immune Checkpoint: Adenosine in Tumor Microenvironment. Frontiers in Immunology, 2016, 7, 109.	2.2	293
42	Antimicrobial Activity of Mast Cells: Role and Relevance of Extracellular DNA Traps. Frontiers in Immunology, 2016, 7, 265.	2.2	65
43	Hypoxia and Hypoxia-Inducible Factors in Leukemias. Frontiers in Oncology, 2016, 6, 41.	1.3	65
44	Data integration for identification of important transcription factors of STAT6-mediated cell fate decisions. Genetics and Molecular Research, 2016, 15, .	0.3	4
45	Glycolysis determines dichotomous regulation of T cell subsets in hypoxia. Journal of Clinical Investigation, 2016, 126, 2678-2688.	3.9	90
46	Candida Interface Infections After Descemet Stripping Automated Endothelial Keratoplasty. Cornea, 2016, 35, 456-464.	0.9	30
47	Trimming the Vascular Tree in Tumors: Metabolic and Immune Adaptations. Cold Spring Harbor Symposia on Quantitative Biology, 2016, 81, 21-29.	2.0	5
48	Rapamycin inhibits lipopolysaccharide-induced neuroinflammation in vitro and in vivo. Molecular Medicine Reports, 2016, 14, 4957-4966.	1.1	26
49	Hypoxic control of metastasis. Science, 2016, 352, 175-180.	6.0	953
50	Challenges and opportunities in treating inflammation associated with pulmonary hypertension. Expert Review of Cardiovascular Therapy, 2016, 14, 939-951.	0.6	62
51	HIF inhibitors for ischemic retinopathies and cancers: options beyond anti-VEGF therapies. Angiogenesis, 2016, 19, 257-273.	3.7	22
52	Short Term Hypoxia Synergizes with Interleukin 15 Priming in Driving Glycolytic Gene Transcription and Supports Human Natural Killer Cell Activities. Journal of Biological Chemistry, 2016, 291, 12960-12977.	1.6	72
53	The Anti-Oxidant and Antitumor Properties of Plant Polysaccharides. The American Journal of Chinese Medicine, 2016, 44, 463-488.	1.5	125
54	Chemokines, cytokines and exosomes help tumors to shape inflammatory microenvironment., 2016, 168, 98-112.		95

#	ARTICLE	IF	CITATIONS
55	Hypoxia Positively Regulates the Expression of pH-Sensing G-Protein–Coupled Receptor OGR1 (GPR68). Cellular and Molecular Gastroenterology and Hepatology, 2016, 2, 796-810.	2.3	34
56	Genome-wide transcriptome induced by nickel in human monocytes. Acta Biomaterialia, 2016, 43, 369-382.	4.1	14
57	Defects in T Cell Trafficking and Resistance to Cancer Immunotherapy. Resistance To Targeted Anti-cancer Therapeutics, 2016, , .	0.1	2
58	Hypoxia and hypoxia-inducible factors in chronic kidney disease. Renal Replacement Therapy, 2016, 2, .	0.3	24
59	Klebsiella pneumoniae Siderophores Induce Inflammation, Bacterial Dissemination, and HIF-1 $\hat{l}\pm$ Stabilization during Pneumonia. MBio, 2016, 7, .	1.8	139
60	Melanoma exosome induction of endothelial cell GM-CSF in pre-metastatic lymph nodes may result in different M1 and M2 macrophage mediated angiogenic processes. Medical Hypotheses, 2016, 94, 118-122.	0.8	44
61	Tumour suppressor death-associated protein kinase targets cytoplasmic HIF- $1\hat{l}_{\pm}$ for Th17 suppression. Nature Communications, 2016, 7, 11904.	5.8	20
62	S-2-hydroxyglutarate regulates CD8+ T-lymphocyte fate. Nature, 2016, 540, 236-241.	13.7	306
63	Entinostat up-regulates the CAMP gene encoding LL-37 via activation of STAT3 and HIF- $1\hat{l}\pm$ transcription factors. Scientific Reports, 2016, 6, 33274.	1.6	38
64	Siderophores in Iron Metabolism: From Mechanism to Therapy Potential. Trends in Molecular Medicine, 2016, 22, 1077-1090.	3 . 5	333
65	Myeloid Cell–Derived HIF-1α Promotes Control of <i>Leishmania major</i> . Journal of Immunology, 2016, 197, 4034-4041.	0.4	45
66	Hypoxia: Signaling the Metastatic Cascade. Trends in Cancer, 2016, 2, 295-304.	3.8	155
67	Alterations in cellular metabolism modulate CD1d-mediated NKT-cell responses. Pathogens and Disease, 2016, 74, ftw055.	0.8	27
68	Hypoxia inducible factor $1\hat{l}\pm$: A critical factor for the immune response to pathogens and Leishmania. Cellular Immunology, 2016, 309, 42-49.	1.4	18
69	Obstructive sleep apnea and cancer: Epidemiologic links and theoretical biological constructs. Sleep Medicine Reviews, 2016, 27, 43-55.	3.8	91
70	The role of HIF in immunity and inflammation. Molecular Aspects of Medicine, 2016, 47-48, 24-34.	2.7	115
71	Role of Intestinal HIF-2α in Health and Disease. Annual Review of Physiology, 2016, 78, 301-325.	5 . 6	60
72	Genome-wide analysis reveals <i>NRP1</i> as a direct HIF1α-E2F7 target in the regulation of motorneuron guidance <i>in vivo</i> . Nucleic Acids Research, 2016, 44, 3549-3566.	6.5	29

#	Article	IF	Citations
73	Low ambient oxygen prevents atherosclerosis. Journal of Molecular Medicine, 2016, 94, 277-286.	1.7	14
74	Recent developments in severe sepsis research: from bench to bedside and back. Future Microbiology, 2016, 11, 293-314.	1.0	13
75	Prenatal hypoxia promotes atherosclerosis via vascular inflammation in the offspring rats. Atherosclerosis, 2016, 245, 28-34.	0.4	14
76	Proinflammatory signal suppresses proliferation and shifts macrophage metabolism from Myc-dependent to HIF1 $<$ b $>$ 1± $<$ b $>$ -dependent. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1564-1569.	3.3	177
77	Hypoxia promotes Mycobacterium tuberculosis-specific up-regulation of granulysin in human T cells. Medical Microbiology and Immunology, 2016, 205, 219-229.	2.6	7
78	Metabolic adaptation of tissues to stress releases metabolites influencing innate immunity. Current Opinion in Immunology, 2016, 38, 30-38.	2.4	20
79	Targeting EPO and EPO receptor pathways in anemia and dysregulated erythropoiesis. Expert Opinion on Therapeutic Targets, 2016, 20, 287-301.	1.5	30
80	Transcription regulates HIFâ€1α expression in CD4 + T cells. Immunology and Cell Biology, 2016, 94, 109-113.	1.0	9
81	Room air versus carbon dioxide pneumoperitoneum: effects on oxidative state, apoptosis and histology of splanchnic organs. Surgical Endoscopy and Other Interventional Techniques, 2016, 30, 1388-1395.	1.3	7
82	Hypoxiaâ€inducible factorâ€1α inhibits interleukinâ€6 and â€8 production in gingival epithelial cells during hypoxia. Journal of Periodontal Research, 2017, 52, 127-134.	1.4	15
83	Down-Regulation of <i>EPAS1 < /i>Transcription and Genetic Adaptation of Tibetans to High-Altitude Hypoxia. Molecular Biology and Evolution, 2017, 34, msw280.</i>	3.5	87
84	Succinate in the cancer–immune cycle. Cancer Letters, 2017, 390, 45-47.	3.2	74
85	Hypoxia inducible factors are dispensable for myeloid cell migration into the inflamed mouse eye. Scientific Reports, 2017, 7, 40830.	1.6	10
86	Glycolysis regulates LPS-induced cytokine production in M2 polarized human macrophages. Immunology Letters, 2017, 183, 17-23.	1.1	30
87	Hypoxiaâ€stimulated membrane trafficking requires Tâ€plastin. Acta Physiologica, 2017, 221, 59-73.	1.8	15
88	Microarray and gene co-expression analysis reveals that melatonin attenuates immune responses and modulates actin rearrangement in macrophages. Biochemical and Biophysical Research Communications, 2017, 485, 414-420.	1.0	18
89	Human skeletal muscle wasting in hypoxia: a matter of hypoxic dose?. Journal of Applied Physiology, 2017, 122, 406-408.	1.2	28
90	Macrophages in vascular inflammation and atherosclerosis. Pflugers Archiv European Journal of Physiology, 2017, 469, 485-499.	1.3	124

#	ARTICLE	IF	Citations
91	CD69 is a direct HIF- $1\hat{l}\pm$ target gene in hypoxia as a mechanism enhancing expression on tumor-infiltrating T lymphocytes. Oncolmmunology, 2017, 6, e1283468.	2.1	27
92	The bioenergetics of inflammation: insights into obesity and type 2 diabetes. European Journal of Clinical Nutrition, 2017, 71, 904-912.	1.3	40
93	Plaque angiogenesis and intraplaque hemorrhage in atherosclerosis. European Journal of Pharmacology, 2017, 816, 107-115.	1.7	127
94	Hypoxia and HIF-1 activation in bacterial infections. Microbes and Infection, 2017, 19, 144-156.	1.0	60
95	Identification and comparative analysis of the pearl oyster Pinctada fucata hemocytes microRNAs in response to Vibrio alginolyticus infection. Genes and Genomics, 2017, 39, 1069-1081.	0.5	4
96	Hif- $1\hat{l}\pm$ regulates macrophage-endothelial interactions during blood vessel development in zebrafish. Nature Communications, 2017, 8, 15492.	5.8	96
97	Leucine reduces reactive oxygen species levels via an energy metabolism switch by activation of the mTOR-HIF- $1\hat{l}\pm$ pathway in porcine intestinal epithelial cells. International Journal of Biochemistry and Cell Biology, 2017, 89, 42-56.	1.2	45
98	Hypoxia-inducible factor- \hat{l} : a promising therapeutic target for autoimmune diseases. Expert Opinion on Therapeutic Targets, 2017, 21, 715-723.	1.5	33
99	Nuclear translocation of HIF- $1\hat{l}_{\pm}$ induced by influenza A (H1N1) infection is critical to the production of proinflammatory cytokines. Emerging Microbes and Infections, 2017, 6, 1-8.	3.0	41
100	Multiple functions of the E3 ubiquitin ligase CHIP in immunity. International Reviews of Immunology, 2017, 36, 300-312.	1.5	19
101	IL- $1\hat{1}^2$ induced HIF- $1\hat{1}^{\pm}$ inhibits the differentiation of human FOXP3+ T cells. Scientific Reports, 2017, 7, 465.	1.6	37
102	HIF has Biff – Crosstalk between HIF1a and the family of bHLH/PAS proteins. Experimental Cell Research, 2017, 356, 141-145.	1.2	23
103	MYC and HIF in shaping immune response and immune metabolism. Cytokine and Growth Factor Reviews, 2017, 35, 63-70.	3.2	69
104	Immunometabolism in early and late stages of rheumatoid arthritis. Nature Reviews Rheumatology, 2017, 13, 291-301.	3.5	195
105	Personalising and targeting antiangiogenic resistance: a complex and multifactorial approach. British Journal of Cancer, 2017, 116, 1119-1125.	2.9	26
106	Role of AHR and HIF- $1\hat{l}\pm$ in Glioblastoma Metabolism. Trends in Endocrinology and Metabolism, 2017, 28, 428-436.	3.1	89
107	Hypoxia and B cells. Experimental Cell Research, 2017, 356, 197-203.	1.2	36
108	Inflammatory hypoxia induces syndecanâ€2 expression through ILâ€1b–mediated FOXO3a activation in colonic epithelia. FASEB Journal, 2017, 31, 1516-1530.	0.2	28

#	Article	IF	CITATIONS
109	Responses to reductive stress in the cardiovascular system. Free Radical Biology and Medicine, 2017, 109, 114-124.	1.3	107
110	Extracellular Matrix Remodeling and Stiffening Modulate Tumor Phenotype and Treatment Response. Annual Review of Cancer Biology, 2017, 1, 313-334.	2.3	101
111	Hypoxia promotes migration/invasion and glycolysis in head and neck squamous cell carcinoma via an HIF- $1\hat{1}\pm$ -MTDH loop. Oncology Reports, 2017, 38, 2893-2900.	1.2	21
113	Regulation of immunity and inflammation by hypoxia in immunological niches. Nature Reviews Immunology, 2017, 17, 774-785.	10.6	430
114	Uncovering the mystery of opposite circadian rhythms between mouse and human leukocytes in humanized mice. Blood, 2017, 130, 1995-2005.	0.6	59
115	The chromatin accessibility signature of human immune aging stems from CD8+ T cells. Journal of Experimental Medicine, 2017, 214, 3123-3144.	4.2	150
116	Hypoxia triggers IFN-I production in muscle: Implications in dermatomyositis. Scientific Reports, 2017, 7, 8595.	1.6	30
117	Tanshinone IIA Inhibits VEGF Secretion and HIF- $\hat{\Pi}$ ± Expression in Cultured Human Retinal Pigment Epithelial Cells under Hypoxia. Current Eye Research, 2017, 42, 1667-1673.	0.7	16
118	HIF1A is a critical downstream mediator for hemophagocytic lymphohistiocytosis. Haematologica, 2017, 102, 1956-1968.	1.7	9
119	Autophagy: The spotlight for cellular stress responses. Life Sciences, 2017, 188, 53-67.	2.0	466
120	Transcriptional Regulation of T Cell Metabolism Reprograming. Advances in Experimental Medicine and Biology, 2017, 1011, 131-152.	0.8	1
121	Transcriptome analysis of inflammation-related gene expression in endothelial cells activated by complement MASP-1. Scientific Reports, 2017, 7, 10462.	1.6	14
122	Hypoxia-Sensitive COMMD1 Integrates Signaling and Cellular Metabolism in Human Macrophages and Suppresses Osteoclastogenesis. Immunity, 2017, 47, 66-79.e5.	6.6	71
123	A positive feedback loop promotes HIFâ€1α stability through miRâ€210â€mediated suppression of RUNX3 in paraquatâ€induced EMT. Journal of Cellular and Molecular Medicine, 2017, 21, 3529-3539.	1.6	24
124	Hypoxia ameliorates intestinal inflammation through NLRP3/mTOR downregulation and autophagy activation. Nature Communications, 2017, 8, 98.	5.8	224
125	An HIF-1α/VEGF-A Axis in Cytotoxic T Cells Regulates Tumor Progression. Cancer Cell, 2017, 32, 669-683.e5.	7.7	352
126	Human stem cell-derived retinal epithelial cells activate complement via collectin 11 in response to stress. Scientific Reports, 2017, 7, 14625.	1.6	20
127	IBMX protects human proximal tubular epithelial cells from hypoxic stress through suppressing hypoxia-inducible factor-1î± expression. Experimental Cell Research, 2017, 358, 343-351.	1.2	7

#	Article	IF	Citations
128	Impact of HIF-1 \hat{i} ± and hypoxia on fungal growth characteristics and fungal immunity. Microbes and Infection, 2017, 19, 204-209.	1.0	9
129	Quantitative analysis of mucosal oxygenation using ex vivo imaging of healthy and inflamed mammalian colon tissue. Cellular and Molecular Life Sciences, 2017, 74, 141-151.	2.4	19
130	Strange Bedfellows: Nuclear Factor, Erythroid 2-Like 2 (Nrf2) and Hypoxia-Inducible Factor 1 (HIF-1) in Tumor Hypoxia. Antioxidants, 2017, 6, 27.	2.2	79
131	MYC in Regulating Immunity: Metabolism and Beyond. Genes, 2017, 8, 88.	1.0	67
132	NK Cell Exhaustion. Frontiers in Immunology, 2017, 8, 760.	2.2	221
133	Angiogenesis Dysregulation in Psoriatic Arthritis: Molecular Mechanisms. BioMed Research International, 2017, 2017, 1-6.	0.9	20
134	Future Directions and Molecular Basis of Ventilator Associated Pneumonia. Canadian Respiratory Journal, 2017, 2017, 1-8.	0.8	7
135	<i>HIF1A</i> (rs11549465) and <i>AKNA</i> (rs10817595) Gene Polymorphisms Are Associated with Primary Sjögren's Syndrome. BioMed Research International, 2017, 2017, 1-8.	0.9	10
136	Antifungal Tc17 cells are durable and stable, persisting as long-lasting vaccine memory without plasticity towards IFN \hat{I}^3 cells. PLoS Pathogens, 2017, 13, e1006356.	2.1	36
137	Beyond the MHC: A canine model of dermatomyositis shows a complex pattern of genetic risk involving novel loci. PLoS Genetics, 2017, 13, e1006604.	1.5	15
138	HIF-1alpha and infectious diseases: a new frontier for the development of new therapies. Revista Do Instituto De Medicina Tropical De Sao Paulo, 2017, 59, e92.	0.5	51
139	MicroRNA-30c-5p ameliorates hypoxia-reoxygenation-induced tubular epithelial cell injury via HIF1 $\hat{l}\pm$ stabilization by targeting SOCS3. Oncotarget, 2017, 8, 92801-92814.	0.8	14
140	Understanding Subset Diversity in T Cell Memory. Immunity, 2018, 48, 214-226.	6.6	389
141	Neutrophil-to-lymphocyte Ratio, Platelet-to-lymphocyte Ratio, and C-reactive Protein as New and Simple Prognostic Factors in Patients With Metastatic Renal Cell Cancer Treated With Tyrosine Kinase Inhibitors: AÂSystemic Review and Meta-analysis. Clinical Genitourinary Cancer, 2018, 16, e685-e693.	0.9	60
142	Degradation of the mitochondrial complex I assembly factor TMEM126B under chronic hypoxia. Cellular and Molecular Life Sciences, 2018, 75, 3051-3067.	2.4	33
143	Melanoma exosomes promote mixed M1 and M2 macrophage polarization. Cytokine, 2018, 105, 63-72.	1.4	155
144	Secretome Analysis of Hypoxiaâ€Induced 3T3â€L1 Adipocytes Uncovers Novel Proteins Potentially Involved in Obesity. Proteomics, 2018, 18, e1700260.	1.3	14
145	Gold‑manganese oxide nanocomposite suppresses hypoxia and augments pro-inflammatory cytokines in tumor associated macrophages. International Immunopharmacology, 2018, 57, 157-164.	1.7	21

#	Article	IF	CITATIONS
146	ARE-mediated decay controls gene expression and cellular metabolism upon oxygen variations. Scientific Reports, 2018, 8, 5211.	1.6	12
147	Signaling Pathways Underlying Bone Metastasis: Hypoxia Signaling in Bone Metastasis and Beyond. Current Molecular Biology Reports, 2018, 4, 69-79.	0.8	3
148	Interplay Between Metabolic Sensors and Immune Cell Signaling. Experientia Supplementum (2012), 2018, 109, 115-196.	0.5	2
149	E3 Ligase VHL Promotes Group 2 Innate Lymphoid Cell Maturation and Function via Glycolysis Inhibition and Induction of Interleukin-33 Receptor. Immunity, 2018, 48, 258-270.e5.	6.6	76
150	Holo-lipocalin-2–derived siderophores increase mitochondrial ROS and impair oxidative phosphorylation in rat cardiomyocytes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1576-1581.	3.3	35
151	Hypoxia-inducible factor- $1\hat{l}\pm$ is a critical transcription factor for IL-10-producing B cells in autoimmune disease. Nature Communications, 2018, 9, 251.	5.8	188
152	Effect of lymphocyte morphogenetic activity on organism reactivity and resistibility. Russian Journal of Developmental Biology, 2018, 49, 48-59.	0.1	2
153	Polymorphisms in inflammation-related genes and the risk of primary varicose veins in ethnic Russians. Immunologic Research, 2018, 66, 141-150.	1.3	6
154	Roxadustat in the treatment of anaemia in chronic kidney disease. Expert Opinion on Investigational Drugs, 2018, 27, 125-133.	1.9	35
155	Natural Hypoxia is Not a Limiting Factor in Evaluating the Novel Arylidene Derivative MLT-401 Against an In Vitro Colorectal Cancer Model. Cellular Physiology and Biochemistry, 2018, 46, 2082-2089.	1.1	1
156	T cells and their immunometabolism: A novel way to understanding sepsis immunopathogenesis and future therapeutics. European Journal of Cell Biology, 2018, 97, 379-392.	1.6	72
157	Loss of hypoxia inducible factorâ€1α aggravates γÎ′ Tâ€cellâ€mediated inflammation during acetaminophenâ€induced liver injury. Hepatology Communications, 2018, 2, 571-581.	2.0	18
158	Identification of an Unfavorable Immune Signature in Advanced Lung Tumors from Nrf2-Deficient Mice. Antioxidants and Redox Signaling, 2018, 29, 1535-1552.	2.5	31
159	Hypoxia-induced HMGB1 expression of HCC promotes tumor invasiveness and metastasis via regulating macrophage-derived IL-6. Experimental Cell Research, 2018, 367, 81-88.	1.2	62
160	The impact of tumor cell metabolism on T cell-mediated immune responses and immuno-metabolic biomarkers in cancer. Seminars in Cancer Biology, 2018, 52, 66-74.	4.3	18
161	The tumour microenvironment links complement system dysregulation and hypoxic signalling. British Journal of Radiology, 2019, 92, 20180069.	1.0	10
162	PERK/eIF2 \hat{l} ± signaling inhibits HIF-induced gene expression during the unfolded protein response via YB1-dependent regulation of HIF1 \hat{l} ± translation. Nucleic Acids Research, 2018, 46, 3878-3890.	6.5	38
163	Role of HIF-1α and CASPASE-3 in cystogenesis of odontogenic cysts and tumors. Clinical Oral Investigations, 2018, 22, 141-149.	1.4	21

#	Article	IF	CITATIONS
164	Hallmarks of Pulmonary Hypertension: Mesenchymal and Inflammatory Cell Metabolic Reprogramming. Antioxidants and Redox Signaling, 2018, 28, 230-250.	2.5	71
165	Targeting Hypoxia-Inducible Factor- $1\hat{l}_{\pm}$ /Pyruvate Dehydrogenase Kinase 1 Axis by Dichloroacetate Suppresses Bleomycin-induced Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2018, 58, 216-231.	1.4	103
166	Mitochondrial Oxidative Stress Reduces the Immunopotency of Mesenchymal Stromal Cells in Adults With Coronary Artery Disease. Circulation Research, 2018, 122, 255-266.	2.0	46
167	Markers of Systemic Inflammatory Response are Prognostic Factors in Patients with Pancreatic Neuroendocrine Tumors (PNETs): A Prospective Analysis. Annals of Surgical Oncology, 2018, 25, 122-130.	0.7	33
168	Hypoxia Signaling in Cardiovascular Diseases., 0,,.		5
169	Qingchang Suppository Ameliorates Colonic Vascular Permeability in Dextran-Sulfate-Sodium-Induced Colitis. Frontiers in Pharmacology, 2018, 9, 1235.	1.6	23
170	Long Non-Coding RNAs as Mediators of Tumor Microenvironment and Liver Cancer Cell Communication. International Journal of Molecular Sciences, 2018, 19, 3742.	1.8	48
171	Hypoxia potentiates monocyte-derived dendritic cells for release of tumor necrosis factor $\hat{l}\pm$ via MAP3K8. Bioscience Reports, 2018, 38, .	1.1	31
172	Tumor Microenvironment-Induced Immunometabolic Reprogramming of Natural Killer Cells. Frontiers in Immunology, 2018, 9, 2517.	2.2	58
173	The E3 ligase VHL controls alveolar macrophage function via metabolic–epigenetic regulation. Journal of Experimental Medicine, 2018, 215, 3180-3193.	4.2	28
174	Sex Differences in Autonomic Cardiac Control and Oxygen Saturation Response to Short-Term Normobaric Hypoxia and Following Recovery: Effect of Aerobic Fitness. Frontiers in Endocrinology, 2018, 9, 697.	1.5	17
175	Cancer Stem Cells and Immunosuppressive Microenvironment in Glioma. Frontiers in Immunology, 2018, 9, 2924.	2.2	171
176	HIF-1 as a Marker of Age-Related Diseases Associated with Tissue Hypoxia. Biology Bulletin Reviews, 2018, 8, 497-508.	0.3	1
177	Type 2 innate lymphoid cells in the induction and resolution of tissue inflammation. Immunological Reviews, 2018, 286, 53-73.	2.8	29
178	LDH-A regulates the tumor microenvironment via HIF-signaling and modulates the immune response. PLoS ONE, 2018, 13, e0203965.	1.1	74
179	Remodeling Tumorâ€Associated Macrophages and Neovascularization Overcomes EGFR ^{T790M} â€Associated Drug Resistance by PD‣1 Nanobodyâ€Mediated Codelivery. Small, 201 14, e1802372.	8,5.2	60
180	Identification of highly connected and differentially expressed gene subnetworks in metastasizing endometrial cancer. PLoS ONE, 2018, 13, e0206665.	1.1	11
182	Atorvastatin attenuates paraquat poisoning-induced epithelial-mesenchymal transition via downregulating hypoxia-inducible factor-1 alpha. Life Sciences, 2018, 213, 126-133.	2.0	15

#	Article	IF	CITATIONS
183	Local angiotensin II contributes to tumor resistance to checkpoint immunotherapy. , 2018, 6, 88.		41
184	Sepsis-induced thrombus formation and cell-specific HIFs. Thrombosis Research, 2018, 171, 187-189.	0.8	3
185	Induction of HIF- $1\hat{1}$ by HIV-1 Infection in CD4 $<$ sup>+ $<$ /sup> T Cells Promotes Viral Replication and Drives Extracellular Vesicle-Mediated Inflammation. MBio, 2018, 9, .	1.8	68
186	Oxygen-dependent regulation of immune checkpoint mechanisms. International Immunology, 2018, 30, 335-343.	1.8	26
187	Immunohistochemical expression HIF1 $\hat{l}\pm$ in chronic plaque psoriasis, an association with angiogenesis and proliferation. Journal of Immunoassay and Immunochemistry, 2018, 39, 249-262.	0.5	3
188	The potential importance of myeloid-derived suppressor cells (MDSCs) in the pathogenesis of Alzheimer's disease. Cellular and Molecular Life Sciences, 2018, 75, 3099-3120.	2.4	24
189	Zinc deficiency and cellular oxidative stress: prognostic implications in cardiovascular diseases. Acta Pharmacologica Sinica, 2018, 39, 1120-1132.	2.8	246
190	Calycosin alleviates allergic contact dermatitis by repairing epithelial tight junctions via downâ€regulating HIFâ€1α. Journal of Cellular and Molecular Medicine, 2018, 22, 4507-4521.	1.6	32
191	Hypoxia-Driven Immunosuppressive Metabolites in the Tumor Microenvironment: New Approaches for Combinational Immunotherapy. Frontiers in Immunology, 2018, 9, 1591.	2.2	134
192	Models of intermittent hypoxia and obstructive sleep apnea: molecular pathways and their contribution to cancer. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2018, 315, R669-R687.	0.9	88
193	Association of iron status with the risk of bloodstream infections: results from the prospective population-based HUNT Study in Norway. Intensive Care Medicine, 2018, 44, 1276-1283.	3.9	27
194	Influence Of Genetic Polymorphisms In Genes Of Bone Remodeling And Angiogenesis Process In The Apical Periodontitis. Brazilian Dental Journal, 2018, 29, 179-183.	0.5	10
195	Hypoxia, Hypoxia-Inducible Factor- \hat{l}_{\pm} , and Innate Antileishmanial Immune Responses. Frontiers in Immunology, 2018, 9, 216.	2.2	14
196	Hypoxia, Metabolism and Immune Cell Function. Biomedicines, 2018, 6, 56.	1.4	126
197	Hypoxia-inducible factor cell non-autonomously regulates C. elegans stress responses and behavior via a nuclear receptor. ELife, 2018, 7, .	2.8	16
198	Metabolic Regulation of Hypoxia-Inducible Transcription Factors: The Role of Small Molecule Metabolites and Iron. Biomedicines, 2018, 6, 60.	1.4	32
199	Short-Term Hypoxia Dampens Inflammation in vivo via Enhanced Adenosine Release and Adenosine 2B Receptor Stimulation. EBioMedicine, 2018, 33, 144-156.	2.7	47
200	Landscape of transcriptional deregulation in lung cancer. BMC Genomics, 2018, 19, 435.	1.2	28

#	Article	IF	CITATIONS
201	Combination of anti-vascular agent - DMXAA and HIF- $1\hat{l}_{\pm}$ inhibitor - digoxin inhibits the growth of melanoma tumors. Scientific Reports, 2018, 8, 7355.	1.6	33
202	Pathobiological Pseudohypoxia as a Putative Mechanism Underlying Myelodysplastic Syndromes. Cancer Discovery, 2018, 8, 1438-1457.	7.7	38
203	A pathogen-derived effector modulates host glucose metabolism by arginine GlcNAcylation of HIF-1 \hat{l} ± protein. PLoS Pathogens, 2018, 14, e1007259.	2.1	29
204	Ferulic Acid Protected from Kidney Ischemia Reperfusion Injury in Mice: Possible Mechanism Through Increasing Adenosine Generation via HIF-1α. Inflammation, 2018, 41, 2068-2078.	1.7	35
205	Dissecting LncRNA Roles in Renal Cell Carcinoma Metastasis and Characterizing Genomic Heterogeneity by Single-Cell RNA-seq. Molecular Cancer Research, 2018, 16, 1879-1888.	1.5	21
206	Melatonin modulates autophagy and inflammation protecting human placental trophoblast from hypoxia/reoxygenation. Journal of Pineal Research, 2018, 65, e12520.	3.4	57
207	Hypoxia-inducible factor $1\hat{l}_{\pm}$ plays a predominantly negative role in regulatory T cell functions. Journal of Leukocyte Biology, 2018, 104, 911-918.	1.5	25
208	Interferon- \hat{l}^3 interferes with host cell metabolism during intracellular Chlamydia trachomatis infection. Cytokine, 2018, 112, 95-101.	1.4	17
209	The reciprocal function and regulation of tumor vessels and immune cells offers new therapeutic opportunities in cancer. Seminars in Cancer Biology, 2018, 52, 107-116.	4.3	57
210	Hypoxia Induces Hypoxia-Inducible Factor $1\hat{l}_\pm$ and Potential HIF-Responsive Gene Expression in Uterine Leiomyoma. Reproductive Sciences, 2019, 26, 428-435.	1.1	26
211	Ataxin-3 Links NOD2 and TLR2 Mediated Innate Immune Sensing and Metabolism in Myeloid Cells. Frontiers in Immunology, 2019, 10, 1495.	2.2	11
212	Bioinorganics and Wound Healing. Advanced Healthcare Materials, 2019, 8, e1900764.	3.9	80
213	MicroRNA 182 promotes T helper 1 cell by repressing hypoxia induced factor 1 alpha in experimental autoimmune encephalomyelitis. European Journal of Immunology, 2019, 49, 2184-2194.	1.6	12
214	Macrophages protect against loss of adipose tissue during cancer cachexia. Journal of Cachexia, Sarcopenia and Muscle, 2019, 10, 1128-1142.	2.9	29
215	The stimulation of thrombosis by hypoxia. Thrombosis Research, 2019, 181, 77-83.	0.8	316
216	Increase in HDAC9 suppresses myoblast differentiation via epigenetic regulation of autophagy in hypoxia. Cell Death and Disease, 2019, 10, 552.	2.7	31
217	Transcription Factors Regulation in Human Peripheral White Blood Cells during Hypobaric Hypoxia Exposure: an in-vivo experimental study. Scientific Reports, 2019, 9, 9901.	1.6	25
218	Propofol attenuated TNF- $\hat{1}$ ±-modulated occludin expression by inhibiting Hif- $1\hat{1}$ ±/ VEGF/ VEGFR-2/ ERK signaling pathway in hCMEC/D3 cells. BMC Anesthesiology, 2019, 19, 127.	0.7	26

#	Article	IF	CITATIONS
219	PTBP3 contributes to colorectal cancer growth and metastasis via translational activation of HIF-1α. Journal of Experimental and Clinical Cancer Research, 2019, 38, 301.	3.5	30
220	Regulation of Gene Expression under Hypoxic Conditions. International Journal of Molecular Sciences, 2019, 20, 3278.	1.8	65
221	Genomic and Bioinformatic Characterization of Mouse Mast Cells (P815) Upon Different Influenza A Virus (H1N1, H5N1, and H7N2) Infections. Frontiers in Genetics, 2019, 10, 595.	1.1	11
222	von Hippel-Lindau Protein Maintains Metabolic Balance to Regulate the Survival of Naive B Lymphocytes. IScience, 2019, 17, 379-392.	1.9	16
223	iTRAQâ€based proteomic and bioinformatic characterization of human mast cells upon infection by the influenza A virus strains H1N1 and H5N1. FEBS Letters, 2019, 593, 2612-2627.	1.3	7
224	Hypoxia inducible factors in the tumor microenvironment as therapeutic targets of cancer stem cells. Life Sciences, 2019, 237, 116952.	2.0	69
225	Wnt/ \hat{l}^2 -Catenin Signaling as a Molecular Target by Pathogenic Bacteria. Frontiers in Immunology, 2019, 10, 2135.	2.2	86
226	The Warburg effect: A new insight into atrial fibrillation. Clinica Chimica Acta, 2019, 499, 4-12.	0.5	20
227	Interleukin-15 Signaling in HIF- $1\hat{l}\pm$ Regulation in Natural Killer Cells, Insights Through Mathematical Models. Frontiers in Immunology, 2019, 10, 2401.	2.2	16
228	The evaluation of VEGF and HIFâ€1α gene polymorphisms and multiple sclerosis susceptibility. Journal of Gene Medicine, 2019, 21, e3132.	1.4	18
229	Whole Blood Gene Expression Reveals Specific Transcriptome Changes in Neonatal Encephalopathy. Neonatology, 2019, 115, 68-76.	0.9	15
230	Mechanosensation of cyclical force by PIEZO1 is essential for innate immunity. Nature, 2019, 573, 69-74.	13.7	329
231	Hypoxic Regulation of Neutrophils in Cancer. International Journal of Molecular Sciences, 2019, 20, 4189.	1.8	9
232	Mechanisms of hypoxia signalling: new implications for nephrology. Nature Reviews Nephrology, 2019, 15, 641-659.	4.1	199
233	Role of purines in regulation of metabolic reprogramming. Purinergic Signalling, 2019, 15, 423-438.	1.1	27
234	Pressure regulates immune-cell function. Nature, 2019, 573, 41-42.	13.7	7
235	Controlling the Phenotype of Tumor-Infiltrating Macrophages via the PHD-HIF Axis Inhibits Tumor Growth in a Mouse Model. IScience, 2019, 19, 940-954.	1.9	24
236	Inorganic Nanozyme with Combined Self-Oxygenation/Degradable Capabilities for Sensitized Cancer Immunochemotherapy. Nano-Micro Letters, 2019, 11, 74.	14.4	66

#	Article	IF	CITATIONS
237	Tumors vs. Chronic Wounds: An Immune Cell's Perspective. Frontiers in Immunology, 2019, 10, 2178.	2.2	52
238	Metabolic reprogramming in osteoclasts. Seminars in Immunopathology, 2019, 41, 565-572.	2.8	90
239	The prognostic value of hypoxia-inducible factor- \hat{l} in advanced cancer survivors: a meta-analysis with trial sequential analysis. Therapeutic Advances in Medical Oncology, 2019, 11, 175883591987585.	1.4	17
240	$2\hat{a}$ €²-Fucosyllactose Attenuates Particulate Matter-Induced Inflammation <i>via</i> li> Inhibition of Hypoxia-Inducible Factor in Keratinocytes. Biological and Pharmaceutical Bulletin, 2019, 42, 1620-1627.	0.6	11
241	Hypoxia and reprogramming of host pathogen interactions. Current Opinion in Physiology, 2019, 7, 15-20.	0.9	11
242	Metabolic regulation of CAR T cell function by the hypoxic microenvironment in solid tumors. Immunotherapy, 2019, 11, 335-345.	1.0	42
243	Metabolic reprogramming and tumor immunity under hypoxic microenvironment. Current Opinion in Physiology, 2019, 7, 53-59.	0.9	9
244	Glycine Exhibits Neuroprotective Effects in Ischemic Stroke in Rats through the Inhibition of M1 Microglial Polarization via the NF-κB p65/Hif-1α Signaling Pathway. Journal of Immunology, 2019, 202, 1704-1714.	0.4	75
245	MEK2 Negatively Regulates Lipopolysaccharide-Mediated IL- $1\hat{l}^2$ Production through HIF- $1\hat{l}_\pm$ Expression. Journal of Immunology, 2019, 202, 1815-1825.	0.4	10
246	Novel aroylated phenylenediamine compounds enhance antimicrobial defense and maintain airway epithelial barrier integrity. Scientific Reports, 2019, 9, 7114.	1.6	12
247	Endothelial Hypoxia-Inducible Factor-1α Is Required for Vascular Repair and Resolution of Inflammatory Lung Injury through Forkhead Box Protein M1. American Journal of Pathology, 2019, 189, 1664-1679.	1.9	32
248	Identification and functional analysis of the Mandarin fish (Siniperca chuatsi) hypoxia-inducible factor-1α involved in the immune response. Fish and Shellfish Immunology, 2019, 92, 141-150.	1.6	26
249	Stressors Due to Handling Impair Gut Immunity in Meagre (Argyrosomus regius): The Compensatory Role of Dietary L-Tryptophan. Frontiers in Physiology, 2019, 10, 547.	1.3	8
250	Cirsium japonicum var. maackii and apigenin block Hifâ€2αâ€induced osteoarthritic cartilage destruction. Journal of Cellular and Molecular Medicine, 2019, 23, 5369-5379.	1.6	33
251	The Helicobacter pylori Urease Virulence Factor Is Required for the Induction of Hypoxia-Induced Factor- $1\hat{l}_{\pm}$ in Gastric Cells. Cancers, 2019, 11, 799.	1.7	31
252	Interleukin 1 alpha (IL- $\hat{1}$ ±) restricts Brucella abortus 544 survival through promoting lysosomal-mediated killing and NO production in macrophages. Veterinary Microbiology, 2019, 232, 128-136.	0.8	7
253	Regulation of CD11b by HIF- $1\hat{1}\pm$ and the STAT3 signaling pathway contributes to the immunosuppressive function of B cells in inflammatory bowel disease. Molecular Immunology, 2019, 111, 162-171.	1.0	28
254	Morphological Characteristics of the Thymus and Spleen and the Subpopulation Composition of Lymphocytes in Peripheral Blood during Systemic Inflammatory Response in Male Rats with Different Resistance to Hypoxia. International Journal of Inflammation, 2019, 2019, 1-17.	0.9	8

#	Article	IF	CITATIONS
255	LncRNA HOTAIR in Tumor Microenvironment: What Role?. International Journal of Molecular Sciences, 2019, 20, 2279.	1.8	59
256	<p>The neuroprotective effects of curcumin are associated with the regulation of the reciprocal function between autophagy and HIF-1α in cerebral ischemia-reperfusion injury</p> . Drug Design, Development and Therapy, 2019, Volume 13, 1135-1144.	2.0	36
257	Non-canonical HIF-1 stabilization contributes to intestinal tumorigenesis. Oncogene, 2019, 38, 5670-5685.	2.6	26
258	Immunotherapy in breast cancer: Current status and future directions. Advances in Cancer Research, 2019, 143, 295-349.	1.9	69
259	Hypoxia-inducible factors in CD4 ⁺ T cells promote metabolism, switch cytokine secretion, and T cell help in humoral immunity. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8975-8984.	3.3	100
260	Immunotherapy: Pancreatic Cancer and Extrahepatic Biliary Tract Cancer. Visceral Medicine, 2019, 35, 28-37.	0.5	7
261	Oxygen in the tumor microenvironment: effects on dendritic cell function. Oncotarget, 2019, 10, 883-896.	0.8	51
262	Cannabinoid derivatives acting as dual PPARγ/CB2 agonists as therapeutic agents for systemic sclerosis. Biochemical Pharmacology, 2019, 163, 321-334.	2.0	28
263	Anemia induces gut inflammation and injury in an animal model of preterm infants. Transfusion, 2019, 59, 1233-1245.	0.8	36
264	Limitation of TCA Cycle Intermediates Represents an Oxygen-Independent Nutritional Antibacterial Effector Mechanism of Macrophages. Cell Reports, 2019, 26, 3502-3510.e6.	2.9	29
265	Exosome-orchestrated hypoxic tumor microenvironment. Molecular Cancer, 2019, 18, 57.	7.9	182
266	Hypoxiaâ€inducible factorâ€1 α deletion in myeloid lineage attenuates hypoxiaâ€induced pulmonary hypertension. Physiological Reports, 2019, 7, e14025.	0.7	23
267	Reactive species and pathogen antioxidant networks during phagocytosis. Journal of Experimental Medicine, 2019, 216, 501-516.	4.2	67
268	Parkinsonian Neurotoxins Impair the Pro-inflammatory Response of Glial Cells. Frontiers in Molecular Neuroscience, 2019, 11, 479.	1.4	3
269	Hypoxia enhances CD8+ TC2 cell–dependent airway hyperresponsiveness and inflammation through hypoxia-inducible factor 1α. Journal of Allergy and Clinical Immunology, 2019, 143, 2026-2037.e7.	1.5	15
270	Translating the Hypoxic Response—the Role of HIF Protein Translation in the Cellular Response to Low Oxygen. Cells, 2019, 8, 114.	1.8	23
271	4-O-Methylascochlorin inhibits the prolyl hydroxylation of hypoxia-inducible factor- $1\hat{l}_{\pm}$, which is attenuated by ascorbate. Journal of Antibiotics, 2019, 72, 271-281.	1.0	9
272	Vitamin D/VDR signaling inhibits LPS-induced IFN \hat{l}^3 and IL- $1\hat{l}^2$ in Oral epithelia by regulating hypoxia-inducible factor- $1\hat{l}$ ± signaling pathway. Cell Communication and Signaling, 2019, 17, 18.	2.7	39

#	ARTICLE	IF	CITATIONS
273	Influenza A virus (H1N1) triggers a hypoxic response by stabilizing hypoxia-inducible factor- $1\hat{l}_{\pm}$ via inhibition of proteasome. Virology, 2019, 530, 51-58.	1.1	39
274	Chronic Hypoxia Enhances \hat{l}^2 -Oxidation-Dependent Electron Transport via Electron Transferring Flavoproteins. Cells, 2019, 8, 172.	1.8	17
275	<i>Chlamydia pneumoniae</i> enhances Interleukin 8 (ILâ€8) production with reduced azithromycin sensitivity under hypoxia. Apmis, 2019, 127, 131-138.	0.9	14
276	HIF‑1α promotes NLRP3 inflammasome activation in bleomycin‑induced acute lung injury. Molecular Medicine Reports, 2019, 20, 3424-3432.	1.1	21
277	Magnetic Fields Trump Oxygen in Controlling the Death of Erythro-Leukemia Cells. Applied Sciences (Switzerland), 2019, 9, 5318.	1.3	2
278	CD8 ⁺ Tc2 cells: underappreciated contributors to severe asthma. European Respiratory Review, 2019, 28, 190092.	3.0	30
279	Metabolic Pathways Involved in Regulatory T Cell Functionality. Frontiers in Immunology, 2019, 10, 2839.	2.2	104
280	Unique molecular signature in mucolipidosis type IV microglia. Journal of Neuroinflammation, 2019, 16, 276.	3.1	17
281	Activation of Hypoxia-Inducible Factor Signaling Modulates the RNA Protein Interactome in Caenorhabditis elegans. IScience, 2019, 22, 466-476.	1.9	5
282	Oxygenation of the Transplanted Kidney. Seminars in Nephrology, 2019, 39, 554-566.	0.6	14
283	Hematopoietic hypoxiaâ€inducible factor 2α deficiency ameliorates pathological retinal neovascularization <i>via</i> modulation of endothelial cell apoptosis. FASEB Journal, 2019, 33, 1758-1770.	0.2	15
284	Immunometabolism., 2019, , 153-163.		0
285	Comparative transcriptome analysis reveals molecular strategies of ghost moth Thitarodes armoricanus in response to hypoxia and anoxia. Journal of Insect Physiology, 2019, 112, 23-34.	0.9	7
286	The role of myeloid-derived suppressor cells in chronic infectious diseases and the current methodology available for their study. Journal of Leukocyte Biology, 2019, 105, 857-872.	1.5	22
287	Immune regulation by protein ubiquitination: roles of the E3 ligases VHL and Itch. Protein and Cell, 2019, 10, 395-404.	4.8	17
288	Progress in Tumorâ€Associated Macrophages: From Bench to Bedside. Advanced Biology, 2019, 3, e1800232.	3.0	12
289	Knockdown of ANT2 reduces adipocyte hypoxia and improves insulin resistance in obesity. Nature Metabolism, 2019, 1, 86-97.	5.1	71
290	Deregulated phospholipase D2/mammalian target of rapamycin/hypoxia-inducible factor 1 alpha in peripheral T lymphocytes of oral lichen planus correlated with disease severity. Archives of Oral Biology, 2019, 98, 26-31.	0.8	6

#	Article	IF	CITATIONS
291	<i>Klebsiella pneumoniae</i> i>infection biology: living to counteract host defences. FEMS Microbiology Reviews, 2019, 43, 123-144.	3.9	322
292	Comparative Proteomics of Whey and Milk Fat Globule Membrane Proteins of Guanzhong Goat and Holstein Cow Mature Milk. Journal of Food Science, 2019, 84, 244-253.	1.5	34
293	Molecular pharmacology of inflammation: Medicinal plants as anti-inflammatory agents. Pharmacological Research, 2019, 139, 126-140.	3.1	209
294	Metabolic Checkpoints in Differentiation of Helper T Cells in Tissue Inflammation. Frontiers in Immunology, 2018, 9, 3036.	2.2	29
295	Combined iron oxide nanoparticle ferumoxytol and gadolinium contrast enhanced MRI define glioblastoma pseudoprogression. Neuro-Oncology, 2019, 21, 517-526.	0.6	28
296	Melatonin mediates mucosal immune cells, microbial metabolism, and rhythm crosstalk: A therapeutic target to reduce intestinal inflammation. Medicinal Research Reviews, 2020, 40, 606-632.	5.0	100
297	Immunity, Hypoxia, and Metabolism–the Ménage à Trois of Cancer: Implications for Immunotherapy. Physiological Reviews, 2020, 100, 1-102.	13.1	190
298	Transcriptome analysis reveals new insights into immune response to hypoxia challenge of large yellow croaker (Larimichthys crocea). Fish and Shellfish Immunology, 2020, 98, 738-747.	1.6	29
299	Tumor regression and potentiation of polymeric vascular disrupting therapy through reprogramming of a hypoxia microenvironment with temsirolimus. Biomaterials Science, 2020, 8, 325-332.	2.6	19
300	Cancer-Derived Succinate Promotes Macrophage Polarization and Cancer Metastasis via Succinate Receptor. Molecular Cell, 2020, 77, 213-227.e5.	4.5	274
301	Kruppelâ€like factor 6 promotes macrophage inflammatory and hypoxia response. FASEB Journal, 2020, 34, 3209-3223.	0.2	28
302	Oxygenation and A2AR blockade to eliminate hypoxia/HIF-1α-adenosinergic immunosuppressive axis and improve cancer immunotherapy. Current Opinion in Pharmacology, 2020, 53, 84-90.	1.7	14
303	Longâ€term chronic intermittent hypoxia: a particular form of chronic highâ€altitude pulmonary hypertension. Pulmonary Circulation, 2020, 10, 5-12.	0.8	18
304	Decursin promotes HIF-1α proteasomal degradation and immune responses in hypoxic tumour microenvironment. Phytomedicine, 2020, 78, 153318.	2.3	25
305	$HIF-1\hat{l}\pm$ Modulates Core Metabolism and Virus Replication in Primary Airway Epithelial Cells Infected with Respiratory Syncytial Virus. Viruses, 2020, 12, 1088.	1.5	26
306	Sulforaphane Induces Glioprotection After LPS Challenge. Cellular and Molecular Neurobiology, 2022, 42, 829-846.	1.7	9
307	HIF-2α is indispensable for regulatory T cell function. Nature Communications, 2020, 11, 5005.	5.8	76
308	The hepatic microenvironment and regulatory T cells. Cellular Immunology, 2020, 357, 104195.	1.4	13

#	ARTICLE	IF	CITATIONS
309	Transcriptomic modifications in developmental cardiopulmonary adaptations to chronic hypoxia using a murine model of simulated high-altitude exposure. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L456-L470.	1.3	4
310	Effects and Mechanisms of Five Psoralea Prenylflavonoids on Aging-Related Diseases. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-21.	1.9	12
311	Functions of human liver CD69+CD103-CD8+ T cells depend on HIF-2α activity in healthy and pathologic livers. Journal of Hepatology, 2020, 72, 1170-1181.	1.8	39
312	MIF-Dependent Control of Tumor Immunity. Frontiers in Immunology, 2020, 11, 609948.	2.2	59
313	Hypoxia Shapes Autophagy in LPS-Activated Dendritic Cells. Frontiers in Immunology, 2020, 11, 573646.	2.2	17
314	Evidence for a protective role of placental growth factor in cardiovascular disease. Science Translational Medicine, 2020, 12, .	5.8	12
315	Modulation of Inflammation and Immune Responses by Heme Oxygenase-1: Implications for Infection with Intracellular Pathogens. Antioxidants, 2020, 9, 1205.	2.2	18
316	Hypoxia and Oxygen-Sensing Signaling in Gene Regulation and Cancer Progression. International Journal of Molecular Sciences, 2020, 21, 8162.	1.8	40
317	Regulatory T Cells in Angiogenesis. Journal of Immunology, 2020, 205, 2557-2565.	0.4	39
318	Hypoxia and HIF Signaling: One Axis with Divergent Effects. International Journal of Molecular Sciences, 2020, 21, 5611.	1.8	98
319	Oxygen: viral friend or foe?. Virology Journal, 2020, 17, 115.	1.4	13
320	Anti-angiogenesis: Opening a new window for immunotherapy. Life Sciences, 2020, 258, 118163.	2.0	33
321	Hyperglycemia suppresses the regulatory effect of hypoxia-inducible factor- $1\hat{1}\pm$ in pulmonary <i>Aspergillus fumigatus</i> infection. Pathogens and Disease, 2020, 78, .	0.8	7
322	Adipose tissue, immune aging, and cellular senescence. Seminars in Immunopathology, 2020, 42, 573-587.	2.8	28
323	Hypoxic microenvironment shapes HIV-1 replication and latency. Communications Biology, 2020, 3, 376.	2.0	22
324	\hat{l}_{\pm} -Mangostin protects against myocardial ischemia reperfusion injury by suppressing the activation of HIF- $1\hat{l}_{\pm}$. Tropical Journal of Pharmaceutical Research, 2020, 19, 25-31.	0.2	2
325	Hypoxia Promotes Syndecan-3 Expression in the Tumor Microenvironment. Frontiers in Immunology, 2020, 11, 586977.	2.2	13
326	Modulating NK cell metabolism for cancer immunotherapy. Seminars in Hematology, 2020, 57, 213-224.	1.8	22

#	ARTICLE	IF	Citations
327	Immune landscape, evolution, hypoxia-mediated viral mimicry pathways and therapeutic potential in molecular subtypes of pancreatic neuroendocrine tumours. Gut, 2021, 70, 1904-1913.	6.1	24
328	The Effect of Dysfunctional Ubiquitin Enzymes in the Pathogenesis of Most Common Diseases. International Journal of Molecular Sciences, 2020, 21, 6335.	1.8	31
329	A hypoxia-related signature for clinically predicting diagnosis, prognosis and immune microenvironment of hepatocellular carcinoma patients. Journal of Translational Medicine, 2020, 18, 342.	1.8	104
330	Lung mesenchymal cells elicit lipid storage in neutrophils that fuel breast cancer lung metastasis. Nature Immunology, 2020, 21, 1444-1455.	7.0	109
331	An Army Marches on Its Stomach: Metabolic Intermediates as Antimicrobial Mediators in Mycobacterium tuberculosis Infection. Frontiers in Cellular and Infection Microbiology, 2020, 10, 446.	1.8	5
332	The Role of HIF in Immunity and Inflammation. Cell Metabolism, 2020, 32, 524-536.	7.2	304
333	Hypoxic gene expression in chronic hepatitis B virus infected patients is not observed in state-of-the-art in vitro and mouse infection models. Scientific Reports, 2020, 10, 14101.	1.6	12
334	Hypoxia Induces Mitochondrial Defect That Promotes T Cell Exhaustion in Tumor Microenvironment Through MYC-Regulated Pathways. Frontiers in Immunology, 2020, 11, 1906.	2.2	65
335	Hypoxic gastric cancer-derived exosomes promote progression and metastasis via MiR-301a-3p/PHD3/HIF-1α positive feedback loop. Oncogene, 2020, 39, 6231-6244.	2.6	82
336	Loss of the tumor suppressor BTG3 drives a pro-angiogenic tumor microenvironment through HIF-1 activation. Cell Death and Disease, 2020, 11, 1046.	2.7	6
337	Characteristics of the Tumor Microenvironment That Influence Immune Cell Functions: Hypoxia, Oxidative Stress, Metabolic Alterations. Cancers, 2020, 12, 3802.	1.7	65
338	Network pharmacology of AYUSH recommended immune-boosting medicinal plants against COVID-19. Journal of Ayurveda and Integrative Medicine, 2022, 13, 100374.	0.9	33
339	The Neat Dance of COVID-19: NEAT1, DANCR, and Co-Modulated Cholinergic RNAs Link to Inflammation. Frontiers in Immunology, 2020, 11, 590870.	2.2	37
340	Oxygen Sensing and Viral Replication: Implications for Tropism and Pathogenesis. Viruses, 2020, 12, 1213.	1.5	18
341	Contribution of hypoxia inducible factor-1 during viral infections. Virulence, 2020, 11, 1482-1500.	1.8	24
342	Tumor cell endogenous HIF- $1\hat{l}\pm$ activity induces aberrant angiogenesis and interacts with TRAF6 pathway required for colorectal cancer development. Neoplasia, 2020, 22, 745-758.	2.3	9
343	Propofol Attenuates Hypoxia-Induced Inflammation in BV2 Microglia by Inhibiting Oxidative Stress and NF- $\langle i \rangle \hat{l}^2 \langle i \rangle B$ /Hif- $1 \langle i \rangle \hat{l}^2 \langle i \rangle$ Signaling. BioMed Research International, 2020, 2020, 1-11.	0.9	38
344	Predictive value of hypoxia, metabolism and immune factors for prognosis in hepatocellular carcinoma: a retrospective analysis and multicenter validation study. Journal of Cancer, 2020, 11, 4145-4156.	1.2	4

#	Article	IF	CITATIONS
345	Bidirectional crosstalk between Hypoxia-Inducible Factor and glucocorticoid signalling in zebrafish larvae. PLoS Genetics, 2020, 16, e1008757.	1.5	26
346	HIF1A expression correlates with increased tumor immune and stromal signatures and aggressive phenotypes in human cancers. Cellular Oncology (Dordrecht), 2020, 43, 877-888.	2.1	25
347	Hypoxia Inducible Factor- \hat{l} : The Curator of Gut Homeostasis. Frontiers in Cellular and Infection Microbiology, 2020, 10, 227.	1.8	66
348	CAR-T Cells Hit the Tumor Microenvironment: Strategies to Overcome Tumor Escape. Frontiers in Immunology, 2020, 11, 1109.	2.2	165
349	Clinical Genetics of Prolidase Deficiency: An Updated Review. Biology, 2020, 9, 108.	1.3	23
350	Endothelial HIF-2α as a Key Endogenous Mediator Preventing Emphysema. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 983-995.	2.5	24
351	ROS-associated immune response and metabolism: a mechanistic approach with implication of various diseases. Archives of Toxicology, 2020, 94, 2293-2317.	1.9	30
352	Inhibition of prolyl hydroxylases increases hepatic insulin and decreases glucagon sensitivity by an HIF-2α-dependent mechanism. Molecular Metabolism, 2020, 41, 101039.	3.0	12
353	Cyclosporine a directly affects human and mouse b cell migration in vitro by disrupting a hIF-1 î±dependent, o2 sensing, molecular switch. BMC Immunology, 2020, 21, 13.	0.9	9
354	Molecular biomarkers of cantharidinâ€induced cardiotoxicity in Spragueâ€Dawley rats: Troponin T, vascular endothelial growth factor and hypoxia inducible factorâ€1α. Journal of Applied Toxicology, 2020, 40, 1153-1161.	1.4	9
355	Deregulated hypoxic response in myeloid cells: A model for highâ€altitude pulmonary oedema (HAPE). Acta Physiologica, 2020, 229, e13461.	1.8	12
356	Pharmacological targets of metabolism in disease: Opportunities from macrophages. , 2020, 210, 107521.		45
357	The Absence of HIF- \hat{l}_{\pm} Increases Susceptibility to Leishmania donovani Infection via Activation of BNIP3/mTOR/SREBP-1c Axis. Cell Reports, 2020, 30, 4052-4064.e7.	2.9	32
358	Deficiency of HIF- $1\hat{l}$ ± enhances influenza A virus replication by promoting autophagy in alveolar type II epithelial cells. Emerging Microbes and Infections, 2020, 9, 691-706.	3.0	71
359	Parkinsonian neurotoxicants impair the anti-inflammatory response induced by IL4 in glial cells: involvement of the CD200-CD200R1 ligand-receptor pair. Scientific Reports, 2020, 10, 10650.	1.6	9
360	Data, Reagents, Assays and Merits of Proteomics for SARS-CoV-2 Research and Testing. Molecular and Cellular Proteomics, 2020, 19, 1503-1522.	2.5	78
361	Effect of oxygen supplement during targeted temperature management on acute lung injury in the early stage of traumatic hemorrhagic shock. European Journal of Inflammation, 2020, 18, 205873922093044.	0.2	0
362	Neuronal HIFâ€1α in the nucleus tractus solitarius contributes to ventilatory acclimatization to hypoxia. Journal of Physiology, 2020, 598, 2021-2034.	1.3	19

#	Article	IF	CITATIONS
363	BCG-induced trained immunity in macrophage: reprograming of glucose metabolism. International Reviews of Immunology, 2020, 39, 83-96.	1.5	15
364	$HIF1\hat{1}\pm/TET1$ Pathway Mediates Hypoxia-Induced Adipocytokine Promoter Hypomethylation in Human Adipocytes. Cells, 2020, 9, 134.	1.8	16
365	The Shc protein Rai enhances Tâ€eell survival under hypoxia. Journal of Cellular Physiology, 2020, 235, 8058-8070.	2.0	3
366	Substance P participates in periodontitis by upregulating HIF- \hat{l} ± and RANKL/OPG ratio. BMC Oral Health, 2020, 20, 27.	0.8	31
367	Hypoxia and Innate Immunity: Keeping Up with the HIFsters. Annual Review of Immunology, 2020, 38, 341-363.	9.5	105
368	Mitochondrial MUL1 E3 ubiquitin ligase regulates Hypoxia Inducible Factor (HIF- $1\hat{i}\pm$) and metabolic reprogramming by modulating the UBXN7 cofactor protein. Scientific Reports, 2020, 10, 1609.	1.6	17
369	Effective nanotherapeutic approach for metastatic breast cancer treatment by supplemental oxygenation and imaging-guided phototherapy. Nano Research, 2020, 13, 1111-1121.	5.8	12
370	HIF1 \hat{l} ±/PLD2 axis linked to glycolysis induces T-cell immunity in oral lichen planus. Biochimica Et Biophysica Acta - General Subjects, 2020, 1864, 129602.	1.1	5
371	Gene signatures in peripheral blood immune cells related to insulin resistance and low tyrosine metabolism define a sub-type of depression with high CRP and anhedonia. Brain, Behavior, and Immunity, 2020, 88, 161-165.	2.0	42
372	A novel \hat{l}^2 -catenin from Apostichopus japonicus mediates Vibrio splendidus-induced inflammatory-like response. International Journal of Biological Macromolecules, 2020, 156, 730-739.	3.6	7
373	Ginsenoside Rg3 Alleviates Complete Freund's Adjuvant-Induced Rheumatoid Arthritis in Mice by Regulating CD4 ⁺ CD25 ⁺ Foxp3 ⁺ Treg Cells. Journal of Agricultural and Food Chemistry, 2020, 68, 4893-4902.	2.4	21
374	Hypoxia and Macrophages Act in Concert Towards a Beneficial Outcome in Colon Cancer. Cancers, 2020, 12, 818.	1.7	9
375	Mast Cells Localize in Hypoxic Zones of Tumors and Secrete CCL-2 under Hypoxia through Activation of L-Type Calcium Channels. Journal of Immunology, 2020, 204, 1056-1068.	0.4	20
376	The journey from erythropoietin to 2019 Nobel Prize: Focus on hypoxia-inducible factors in the kidney. Journal of the Formosan Medical Association, 2021, 120, 60-67.	0.8	10
377	Osteoblasts/Osteocytes sirtuin6 Is Vital to Preventing Ischemic Osteonecrosis Through Targeting VDR-RANKL Signaling. Journal of Bone and Mineral Research, 2020, 36, 579-590.	3.1	11
378	Overview of the rules of the microbial engagement in the gut microbiome: a step towards microbiome therapeutics. Journal of Applied Microbiology, 2021, 130, 1425-1441.	1.4	38
379	Hypoxia contributes to galectin-3 expression in renal carcinoma cells. European Journal of Pharmacology, 2021, 890, 173637.	1.7	6
380	Immune microenvironment of the gene signature reflecting the standardised uptake value on 18F-fluorodeoxyglucose positron emission tomography/computed tomography in head and neck squamous cell carcinoma. Annals of Nuclear Medicine, 2021, 35, 65-75.	1.2	3

#	Article	IF	CITATIONS
381	Metabolic regulation of the HBV-specific T cell function. Antiviral Research, 2021, 185, 104989.	1.9	9
382	Immunometabolism of regulatory T cells in cancer. Molecular Aspects of Medicine, 2021, 77, 100936.	2.7	9
383	miR-210 regulates the inflammation of otitis media with effusion by inhibiting the expression of hypoxia-inducible factor (HIF)-1a. Biochemical and Biophysical Research Communications, 2021, 534, 401-407.	1.0	9
384	Hypoperfusion is a potential inducer of immunosuppressive network in Alzheimer's disease. Neurochemistry International, 2021, 142, 104919.	1.9	7
385	Upregulated hypoxia inducible factor 1α signaling pathway in high risk myelodysplastic syndrome and acute myeloid leukemia patients is associated with better response to 5â€azacytidine—data from the Hellenic myelodysplastic syndrome study group. Hematological Oncology, 2021, 39, 231-242.	0.8	1
386	Hypoxia-inducible factor (HIF1alpha) inhibition modulates cumulus cell function and affects bovine oocyte maturation in vitroâ€. Biology of Reproduction, 2021, 104, 479-491.	1.2	18
387	Immunometabolic Interplay in the Tumor Microenvironment. Cancer Cell, 2021, 39, 28-37.	7.7	183
388	Mechanisms controlling bacterial infection in myeloid cells under hypoxic conditions. Cellular and Molecular Life Sciences, 2021, 78, 1887-1907.	2.4	11
389	Response to Swenson and BÃ r tsch. Acta Physiologica, 2021, 231, e13494.	1.8	1
390	Rosmarinic Acid Regulates Microglial M1/M2 Polarization via the PDPK1/Akt/HIF Pathway Under Conditions of Neuroinflammation. Inflammation, 2021, 44, 129-147.	1.7	21
392	BATF2 prevents glioblastoma multiforme progression by inhibiting recruitment of myeloid-derived suppressor cells. Oncogene, 2021, 40, 1516-1530.	2.6	14
393	Co-expression of PD-L1 and HIF-1α predicts poor prognosis in Patients with Non-small Cell Lung Cancer after surgery. Journal of Cancer, 2021, 12, 2065-2072.	1.2	12
396	REMOVED: Natural products as modulators of signaling in inflammation. , 2021, , 21e.		8
397	COVID-19, immunothrombosis and venous thromboembolism: biological mechanisms. Thorax, 2021, 76, 412-420.	2.7	239
398	Epithelial and Immune Cell Responses to Helicobacter pylori That Shape the Gastric Tumor Microenvironment. Physiology in Health and Disease, 2021, , 155-197.	0.2	0
399	Role of Innate Inflammation in the Regulation of Tissue Remodeling during Tooth Eruption. Dentistry Journal, 2021, 9, 7.	0.9	5
400	B7 immune-checkpoints as targets for the treatment of neuroendocrine tumors. Endocrine-Related Cancer, 2021, 28, 135-149.	1.6	15
401	Polarization of Macrophages in Insects: Opening Gates for Immuno-Metabolic Research. Frontiers in Cell and Developmental Biology, 2021, 9, 629238.	1.8	9

#	Article	lF	Citations
402	Hypoxic Characteristic in the Immunosuppressive Microenvironment of Hepatocellular Carcinoma. Frontiers in Immunology, 2021, 12, 611058.	2.2	22
403	Human Red Blood Cells Modulate Cytokine Expression in Monocytes/Macrophages Under Anoxic Conditions. Frontiers in Physiology, 2021, 12, 632682.	1.3	6
404	How Do Inflammatory Mediators, Immune Response and Air Pollution Contribute to COVID-19 Disease Severity? A Lesson to Learn. Life, 2021, 11, 182.	1.1	11
405	Data-Driven Computational Modeling Identifies Determinants of Glioblastoma Response to SHP2 Inhibition. Cancer Research, 2021, 81, 2056-2070.	0.4	4
406	Metabolic and Mitochondrial Functioning in Chimeric Antigen Receptor (CAR)â€"T Cells. Cancers, 2021, 13, 1229.	1.7	12
407	Gefitinib Results in Robust Host-Directed Immunity Against Salmonella Infection Through Proteo-Metabolomic Reprogramming. Frontiers in Immunology, 2021, 12, 648710.	2.2	12
408	Mycobacterium tuberculosis Load in Host Cells and the Antibacterial Activity of Alveolar Macrophages Are Linked and Differentially Regulated in Various Lung Lesions of Patients with Pulmonary Tuberculosis. International Journal of Molecular Sciences, 2021, 22, 3452.	1.8	6
409	Hypoxia/HIF Modulates Immune Responses. Biomedicines, 2021, 9, 260.	1.4	40
410	Identification of a Six Gene Prognosis Signature for Papillary Thyroid Cancer Using Multi-Omics Methods and Bioinformatics Analysis. Frontiers in Oncology, 2021, 11, 624421.	1.3	12
411	Transcriptional modulation patterns of abalone Haliotis discus hannai hypoxia inducible factor- $1\hat{l}\pm$ (HIF- $1\hat{l}\pm$) in interdependent crosstalk between hypoxia, infection, and environmental stresses. Aquaculture Reports, 2021, 19, 100566.	0.7	3
412	Hypoxia-Driven Effects in Cancer: Characterization, Mechanisms, and Therapeutic Implications. Cells, 2021, 10, 678.	1.8	53
413	CXCR4 promotes B cell viability by the cooperation of nuclear factor (erythroid-derived 2)-like 2 and hypoxia-inducible factor-11± under hypoxic conditions. Cell Death and Disease, 2021, 12, 330.	2.7	15
414	Anemia in Chronic Kidney Disease: From Pathophysiology and Current Treatments, to Future Agents. Frontiers in Medicine, 2021, 8, 642296.	1.2	91
415	A Straightforward Hypoxic Cell Culture Method Suitable for Standard Incubators. Methods and Protocols, 2021, 4, 25.	0.9	9
416	Mitochondrial Metabolism Regulation of T Cell–Mediated Immunity. Annual Review of Immunology, 2021, 39, 395-416.	9.5	34
417	Targeting SLC1A5 and SLC3A2/SLC7A5 as a Potential Strategy to Strengthen Anti-Tumor Immunity in the Tumor Microenvironment. Frontiers in Immunology, 2021, 12, 624324.	2.2	56
418	The platelet to lymphocyte ratio predicts overall survival better than the neutrophil to lymphocyte ratio in metastatic renal cell carcinoma. Turkish Journal of Medical Sciences, 2021, 51, 757-765.	0.4	8
419	Hypoxia-inducible factor activity promotes antitumor effector function and tissue residency by CD8+ T cells. Journal of Clinical Investigation, 2021, 131, .	3.9	66

#	Article	IF	CITATIONS
420	Study on hypoxia-inducible factor and its roles in immune system. Immunological Medicine, 2021, 44, 223-236.	1.4	8
422	Treatment of anemia in difficult-to-manage patients with chronic kidney disease. Kidney International Supplements, 2021, 11, 26-34.	4.6	14
423	Biological properties and development of hypoxia in a breast cancer 3D model generated by hanging drop technique. Cell Biochemistry and Biophysics, 2022, 80, 63-73.	0.9	7
424	Hypoxic and pharmacological activation of HIF inhibits SARS-CoV-2 infection of lung epithelial cells. Cell Reports, 2021, 35, 109020.	2.9	64
425	Innate Immune Cells in the Adipose Tissue in Health and Metabolic Disease. Journal of Innate Immunity, 2022, 14, 4-30.	1.8	49
426	Adhatoda Vasica attenuates inflammatory and hypoxic responses in preclinical mouse models: potential for repurposing in COVID-19-like conditions. Respiratory Research, 2021, 22, 99.	1.4	24
427	Longitudinal Peripheral Blood Transcriptional Analysis Reveals Molecular Signatures of Disease Progression in COVID-19 Patients. Journal of Immunology, 2021, 206, 2146-2159.	0.4	25
428	The Role of Macrophages in Cancer Development and Therapy. Cancers, 2021, 13, 1946.	1.7	143
429	Transcription Factors Interplay Orchestrates the Immune-Metabolic Response of Leishmania Infected Macrophages. Frontiers in Cellular and Infection Microbiology, 2021, 11, 660415.	1.8	15
430	Glycolytic Metabolism Is Critical for the Innate Antibacterial Defense in Acute Streptococcus pneumoniae Otitis Media. Frontiers in Immunology, 2021, 12, 624775.	2.2	6
431	Plasma Metabolome Signature Indicative of BRCA1 Germline Status Independent of Cancer Incidence. Frontiers in Oncology, 2021, 11, 627217.	1.3	4
432	Combination of Immune Checkpoint Inhibitors and Anti-Angiogenic Agents in Brain Metastases From Non-Small Cell Lung Cancer. Frontiers in Oncology, 2021, 11, 670313.	1.3	9
433	HIF- $1\hat{l}_{\pm}$ and miR-210 differential and lineage-specific expression in systemic lupus erythematosus. Molecular Immunology, 2021, 133, 128-134.	1.0	15
434	Hypoxia-Inducible Factor 1 Alpha Is Dispensable for Host Defense of Group B & lt;b> <i>Streptococcus</i> Colonization and Infection. Journal of Innate Immunity, 2021, 13, 391-403.	1.8	5
435	Dexmedetomidine ameliorates endotoxin-induced acute lung injury in vivo and in vitro by preserving mitochondrial dynamic equilibrium through the HIF-1a/HO-1 signaling pathway. Redox Biology, 2021, 41, 101954.	3.9	89
436	A Stat1 bound enhancer promotes Nampt expression and function within tumor associated macrophages. Nature Communications, 2021, 12, 2620.	5.8	33
437	Oxygen-Mediated Suppression of CD8+ T Cell Proliferation by Macrophages: Role of Pharmacological Inhibitors of HIF Degradation. Frontiers in Immunology, 2021, 12, 633586.	2.2	8
438	Vitamin D/VDR signaling inhibits colitis by suppressing HIF-1α activation in colonic epithelial cells. American Journal of Physiology - Renal Physiology, 2021, 320, G837-G846.	1.6	19

#	Article	IF	Citations
439	Transcriptomic metaâ€analysis of disuse muscle atrophy vs. resistance exerciseâ€induced hypertrophy in young and older humans. Journal of Cachexia, Sarcopenia and Muscle, 2021, 12, 629-645.	2.9	15
441	Hypoxia Supports Differentiation of Terminally Exhausted CD8 T Cells. Frontiers in Immunology, 2021, 12, 660944.	2.2	37
442	Hypoxia, Acidification and Inflammation: Partners in Crime in Parkinson's Disease Pathogenesis?. Immuno, 2021, 1, 78-90.	0.6	8
443	Hypoxia reduces cell attachment of SARS-CoV-2 spike protein by modulating the expression of ACE2, neuropilin-1, syndecan-1 and cellular heparan sulfate. Emerging Microbes and Infections, 2021, 10, 1065-1076.	3.0	24
444	Unlocking G-Quadruplexes as Antiviral Targets. Pharmacological Reviews, 2021, 73, 897-923.	7.1	60
445	NMR-based serum and urine metabolomic profile reveals suppression of mitochondrial pathways in experimental sepsis-associated acute kidney injury. American Journal of Physiology - Renal Physiology, 2021, 320, F984-F1000.	1.3	13
446	Hypoxia and Porphyromonas gingivalis-lipopolysaccharide synergistically induce NLRP3 inflammasome activation in human gingival fibroblasts. International Immunopharmacology, 2021, 94, 107456.	1.7	30
447	Macrophage–Hypoxia-Inducible Factor-1α Signaling in Carotid Artery Stenosis. American Journal of Pathology, 2021, 191, 1118-1134.	1.9	6
448	Lipoproteins and cancer: The role of HDL-C, LDL-C, and cholesterol-lowering drugs. Biochemical Pharmacology, 2022, 196, 114654.	2.0	33
449	In Situ Photo-Cross-Linking Hydrogel Accelerates Diabetic Wound Healing through Restored Hypoxia-Inducible Factor 1-Alpha Pathway and Regulated Inflammation. ACS Applied Materials & Interfaces, 2021, 13, 29363-29379.	4.0	53
450	PCAT-1 facilitates breast cancer progression via binding to RACK1 and enhancing oxygen-independent stability of HIF-1α. Molecular Therapy - Nucleic Acids, 2021, 24, 310-324.	2.3	15
451	Stabilization of Hypoxia-Inducible Factor Promotes Antimicrobial Activity of Human Macrophages Against Mycobacterium tuberculosis. Frontiers in Immunology, 2021, 12, 678354.	2.2	13
452	Perspectives on Hypoxia Signaling in Tumor Stroma. Cancers, 2021, 13, 3070.	1.7	18
453	Tissue-Specific Contributions to Control of T Cell Immunity. ImmunoHorizons, 2021, 5, 410-423.	0.8	11
454	He-Jie-Shen-Shi Decoction as an Adjuvant Therapy on Severe Coronavirus Disease 2019: A Retrospective Cohort and Potential Mechanistic Study. Frontiers in Pharmacology, 2021, 12, 700498.	1.6	16
455	Mutations and expression profile of EDIL3 and correlation with HIF1A and tumor-associated carbonic anhydrases in pancreatic cancer. Clinical and Experimental Health Sciences, 0, , .	0.1	0
456	Long COVID or Post-acute Sequelae of COVID-19 (PASC): An Overview of Biological Factors That May Contribute to Persistent Symptoms. Frontiers in Microbiology, 2021, 12, 698169.	1.5	512
457	Genetic approaches to understand cellular responses to oxygen availability. FEBS Journal, 2022, 289, 5396-5412.	2.2	7

#	Article	IF	CITATIONS
458	Exposure to hypoxia causes stress erythropoiesis and downregulates immune response genes in spleen of mice. BMC Genomics, 2021, 22, 413.	1.2	15
459	The multifactorial mechanisms of bacterial infection in decompensated cirrhosis. Journal of Hepatology, 2021, 75, S82-S100.	1.8	37
460	Nano-Curcumin Protects Against Sodium Nitrite–Induced Lung Hypoxia Through Modulation of Mitogen-Activated Protein Kinases/c-Jun NH2-Terminal Kinase Signaling Pathway. Dose-Response, 2021, 19, 155932582110331.	0.7	4
461	Hypoxia-inducible factors individually facilitate inflammatory myeloid metabolism and inefficient cardiac repair. Journal of Experimental Medicine, 2021, 218, .	4.2	27
462	Hypoxia inducible factors regulate hepatitis B virus replication by activating the basal core promoter. Journal of Hepatology, 2021, 75, 64-73.	1.8	31
463	Hypoxia and the Receptor for Advanced Glycation End Products (RAGE) Signaling in Cancer. International Journal of Molecular Sciences, 2021, 22, 8153.	1.8	12
464	Role of Nrf2 in Synaptic Plasticity and Memory in Alzheimer's Disease. Cells, 2021, 10, 1884.	1.8	46
465	Myeloid HIF1 \hat{l}_{\pm} Is Involved in the Extent of Orthodontically Induced Tooth Movement. Biomedicines, 2021, 9, 796.	1.4	5
466	Correlation of DNA methylation patterns to the phenotypic features of Tibetan elite alpinists in extreme hypoxia. Journal of Genetics and Genomics, 2021, 48, 928-935.	1.7	7
467	Hypoxiaâ€Inducible Factor 1 Alpha–Mediated RelB/APOBEC3B Downâ€regulation Allows Hepatitis B Virus Persistence. Hepatology, 2021, 74, 1766-1781.	3.6	17
468	Effect of zinc oxide nanoparticles and ferulic acid on renal ischemia/reperfusion injury: possible underlying mechanisms. Biomedicine and Pharmacotherapy, 2021, 140, 111686.	2.5	12
469	Macrophage Motility in Wound Healing Is Regulated by HIF- \hat{l} t via S1P Signaling. International Journal of Molecular Sciences, 2021, 22, 8992.	1.8	11
470	Hypoxia-inducible transcription factor- $1\hat{l}\pm$ inhibition by topotecan protects against lipopolysaccharide-induced inflammation and apoptosis of cardiomyocytes. BioMedical Engineering OnLine, 2021, 20, 88.	1.3	3
471	Multiâ€omics analysis of the expression and prognostic value of the butyrophilins in breast cancer. Journal of Leukocyte Biology, 2021, 110, 1181-1195.	1.5	6
472	Computational and network pharmacology studies of Phyllanthus emblica to tackle SARS-CoV-2. Phytomedicine Plus, 2021, 1, 100095.	0.9	12
473	Assessing the protective effects of cryptotanshinone on CoCl ₂ ‑induced hypoxia in RPE cells. Molecular Medicine Reports, 2021, 24, .	1.1	3
474	Immunosuppressive microenvironment in oral cancer: implications for cancer immunotherapy. Exploration of Immunology, 0, , .	1.7	2
475	Hypoxia-Inducible Factor-1α in Macrophages, but Not in Neutrophils, Is Important for Host Defense during Klebsiella pneumoniae-Induced Pneumosepsis. Mediators of Inflammation, 2021, 2021, 1-12.	1.4	7

#	Article	IF	CITATIONS
476	Crosstalk between Autophagy and Inflammatory Processes in Cancer. Life, 2021, 11, 903.	1.1	11
477	Hypoxia Promotes a Mixed Inflammatory-Fibrotic Macrophages Phenotype in Active Sarcoidosis. Frontiers in Immunology, 2021, 12, 719009.	2.2	10
478	Guanosine and uridine alleviate airway inflammation via inhibition of the MAPK and NF-κB signals in OVA-induced asthmatic mice. Pulmonary Pharmacology and Therapeutics, 2021, 69, 102049.	1.1	16
479	Effect of intermittent hypoxic conditioning on inflammatory biomarkers in older adults. Experimental Gerontology, 2021, 152, 111478.	1.2	14
480	Oxygen sensing, anaesthesia and critical care: a narrative review. Anaesthesia, 2021, , .	1.8	2
481	Reactive Oxygen Species in Macrophages: Sources and Targets. Frontiers in Immunology, 2021, 12, 734229.	2.2	134
482	Keratinocytes Counteract UVB-Induced Immunosuppression in Mice through HIF-1a Signaling. Journal of Investigative Dermatology, 2022, 142, 1183-1193.	0.3	5
483	Regulation of the Hypoxia-Inducible Factor (HIF) by Pro-Inflammatory Cytokines. Cells, 2021, 10, 2340.	1.8	54
484	Excessive Hypoxiaâ€Inducible Factorâ€1α Expression Induces Cardiac Rupture via p53â€Dependent Apoptosis After Myocardial Infarction. Journal of the American Heart Association, 2021, 10, e020895.	1.6	19
485	Generation of hypoxia-sensing chimeric antigen receptor TÂcells. STAR Protocols, 2021, 2, 100723.	0.5	4
486	Network Pharmacology-Based Identification of Potential Targets of Lonicerae japonicae Flos Acting on Anti-Inflammatory Effects. BioMed Research International, 2021, 2021, 1-18.	0.9	14
487	BHLHE40 promotes macrophage proâ€inflammatory gene expression and functions. FASEB Journal, 2021, 35, e21940.	0.2	17
488	HIF- $1\hat{l}_{\pm}$ modulates sex-specific Th17/Treg responses during hepatic amoebiasis. Journal of Hepatology, 2022, 76, 160-173.	1.8	12
489	Influence of the Hypercapnic Tumor Microenvironment on the Viability of Hela Cells Screened by a CO ₂ -Gradient-Generating Device. ACS Omega, 2021, 6, 26773-26781.	1.6	9
490	Oxidation of Hemoglobin Drives a Proatherogenic Polarization of Macrophages in Human Atherosclerosis. Antioxidants and Redox Signaling, 2021, 35, 917-950.	2.5	16
491	Siderophores: Importance in bacterial pathogenesis and applications in medicine and industry. Microbiological Research, 2021, 250, 126790.	2.5	50
492	<i>E. coli</i> Membrane Vesicles as a Catalase Carrier for Long-Term Tumor Hypoxia Relief to Enhance Radiotherapy. ACS Nano, 2021, 15, 15381-15394.	7.3	37
494	Intermittent hypoxia increases ROS/HIF-1α â€~related oxidative stress and inflammation and worsens bleomycin-induced pulmonary fibrosis in adult male C57BL/6J mice. International Immunopharmacology, 2021, 100, 108165.	1.7	18

#	Article	IF	CITATIONS
496	Oxygen regulation of TET enzymes. FEBS Journal, 2021, 288, 7143-7161.	2.2	20
497	Tricarboxylic Acid (TCA) Cycle Intermediates: Regulators of Immune Responses. Life, 2021, 11, 69.	1.1	66
498	Targeting Oxidative Phosphorylation to Increase the Efficacy of Radio- and Immune-Combination Therapy. Clinical Cancer Research, 2021, 27, 2970-2978.	3.2	44
499	Hypoxia and the Tumor Microenvironment. Technology in Cancer Research and Treatment, 2021, 20, 153303382110363.	0.8	116
500	Macrophage-Derived Inflammation Induces a Transcriptome Makeover in Mesenchymal Stromal Cells Enhancing Their Potential for Tissue Repair. International Journal of Molecular Sciences, 2021, 22, 781.	1.8	8
501	Targeting ubiquitin signaling for cancer immunotherapy. Signal Transduction and Targeted Therapy, 2021, 6, 16.	7.1	34
502	HIF- $1\hat{l}\pm$ and CD73 expression in cardiac leukocytes correlates with the severity of myocarditis in end-stage Chagas disease patients. Journal of Leukocyte Biology, 2021, 109, 233-244.	1.5	6
503	The Role of Hypoxia in Radiation Response. , 2016, , 29-42.		1
504	Hypoxia and cancer related pathology. Cancer Letters, 2020, 486, 1-7.	3.2	42
505	Hif1α Deletion Limits Tissue Regeneration via Aberrant B Cell Accumulation in Experimental Pancreatitis. Cell Reports, 2018, 23, 3457-3464.	2.9	8
506	Single-Cell RNA Sequencing of Tumor-Infiltrating NK Cells Reveals that Inhibition of Transcription Factor HIF-1α Unleashes NK Cell Activity. Immunity, 2020, 52, 1075-1087.e8.	6.6	167
507	lL-38 restrains inflammatory response of collagen-induced arthritis in rats via SIRT1/HIF- $1\hat{l}\pm$ signaling pathway. Bioscience Reports, 2020, 40, .	1.1	18
512	Elevated ischaemiaâ€associated lysyl oxidase activity in delayed graft failure 6–12Âmonths after renal transplantation. Experimental Physiology, 2017, 102, 282-287.	0.9	3
513	Systemic silencing of Phd2 causes reversible immune regulatory dysfunction. Journal of Clinical Investigation, 2019, 129, 3640-3656.	3.9	30
514	Let there be oxygen and T cells. Journal of Clinical Investigation, 2018, 128, 4761-4763.	3.9	3
515	Decreased lymphatic HIF-2α accentuates lymphatic remodeling in lymphedema. Journal of Clinical Investigation, 2020, 130, 5562-5575.	3.9	16
516	Hypoxia-inducible factors: a central link between inflammation and cancer. Journal of Clinical Investigation, 2016, 126, 3689-3698.	3.9	144
517	Hypoxia-dependent regulation of inflammatory pathways in immune cells. Journal of Clinical Investigation, 2016, 126, 3716-3724.	3.9	151

#	Article	IF	Citations
518	Altitude and COVIDâ€19: Friend or foe? A narrative review. Physiological Reports, 2021, 8, e14615.	0.7	35
519	Tissue and imaging biomarkers for hypoxia predict poor outcome in endometrial cancer. Oncotarget, 2016, 7, 69844-69856.	0.8	30
520	Breast cancer recurrence after reconstruction: know thine enemy. Oncotarget, 2018, 9, 27895-27906.	0.8	22
521	Elevated expression of HIF-lî \pm in actively growing prostate tissues is associated with clinical features of benign prostatic hyperplasia. Oncotarget, 2016, 7, 12053-12062.	0.8	13
522	Hypoxia primes human normal prostate epithelial cells and cancer cell lines for the NLRP3 and AIM2 inflammasome activation. Oncotarget, 2016, 7, 28183-28194.	0.8	35
52 3	Downregulation and pro-apoptotic effect of hypoxia-inducible factor 2 alpha in hepatocellular carcinoma. Oncotarget, 2016, 7, 34571-34581.	0.8	25
524	Hypoxia Pre-Conditioned Embryonic Mesenchymal Stem Cell Secretome Reduces IL-10 Production by Peripheral Blood Mononuclear Cells. Iranian Biomedical Journal, 2017, 21, 24-31.	0.4	21
525	Excitotoxicity as a Target Against Neurodegenerative Processes. Current Pharmaceutical Design, 2020, 26, 1251-1262.	0.9	54
526	A Cell Culture Model that Mimics Physiological Tissue Oxygenation Using Oxygen-permeable Membranes. Bio-protocol, 2019, 9, e3371.	0.2	6
527	Neuroprotectants attenuate hypobaric hypoxia-induced brain injuries in cynomolgus monkeys. Zoological Research, 2020, 41, 3-19.	0.9	19
528	Thymosin \hat{l}^24 promotes autophagy and repair via HIF-1 \hat{l}_\pm stabilization in chronic granulomatous disease. Life Science Alliance, 2019, 2, e201900432.	1.3	13
529	Circulating Lipopolysaccharide-Binding Protein and Carotid Intima-Media Thickness in Obstructive Sleep Apnea. Physiological Research, 2018, 67, 69-78.	0.4	6
530	Immune therapies in pancreatic ductal adenocarcinoma: Where are we now?. World Journal of Gastroenterology, 2018, 24, 2137-2151.	1.4	99
531	Transcription factor networks involved in cell death in the dorsal root ganglia following peripheral nerve injury. Neural Regeneration Research, 2018, 13, 1622.	1.6	7
532	Peripheral nerve injury induced changes in the spinal cord and strategies to counteract/enhance the changes to promote nerve regeneration. Neural Regeneration Research, 2020, 15, 189.	1.6	21
533	Effects of Hyperbaric Oxygen on T helper $17/\text{regulatory}$ T Polarization in Antigen and Collagen-induced Arthritis: Hypoxia-inducible Factor- $1\hat{1}\pm$ as a Target. Oman Medical Journal, 2020, 35, e90-e90.	0.3	13
534	Hypoxia Pre-Conditioned Embryonic Mesenchymal Stem Cell Secretome Reduces IL-10 Production by Peripheral Blood Mononuclear Cells. Iranian Biomedical Journal, 2017, 21, 24-31.	0.4	14
535	HIF-1Î \pm regulates IL-1Î 2 and IL-17 in sarcoidosis. ELife, 2019, 8, .	2.8	50

#	Article	IF	Citations
536	The Dog as a Model to Study the Tumor Microenvironment. Advances in Experimental Medicine and Biology, 2021, 1329, 123-152.	0.8	3
537	ImmReg: the regulon atlas of immune-related pathways across cancer types. Nucleic Acids Research, 2021, 49, 12106-12118.	6.5	14
538	Impact of native and external factors on exosome release: understanding reactive exosome secretion and its biogenesis. Molecular Biology Reports, 2021, 48, 7559-7573.	1.0	9
539	Apoptosis versus survival of African horse sickness virus serotype 4-infected horse peripheral blood mononuclear cells. Virus Research, 2022, 307, 198609.	1.1	1
540	Metabolic Reprogramming in COVID-19. International Journal of Molecular Sciences, 2021, 22, 11475.	1.8	34
541	Hypoxia-Induced Neuroinflammation in Alzheimer's Disease: Potential Neuroprotective Effects of Centella asiatica. Frontiers in Physiology, 2021, 12, 712317.	1.3	19
542	Osteoclasts adapt to physioxia perturbation through DNA demethylation. EMBO Reports, 2021, 22, e53035.	2.0	13
543	Detection of Neanderthal Adaptively Introgressed Genetic Variants That Modulate Reporter Gene Expression in Human Immune Cells. Molecular Biology and Evolution, 2022, 39, .	3.5	24
544	Cancer Stemness-Based Prognostic Immune-Related Gene Signatures in Lung Adenocarcinoma and Lung Squamous Cell Carcinoma. Frontiers in Endocrinology, 2021, 12, 755805.	1.5	17
545	MiR-149-5p: An Important miRNA Regulated by Competing Endogenous RNAs in Diverse Human Cancers. Frontiers in Oncology, 2021, 11, 743077.	1.3	7
546	Hypoxia-Inducible Factors as Key Players in the Pathogenesis of Non-alcoholic Fatty Liver Disease and Non-alcoholic Steatohepatitis. Frontiers in Medicine, 2021, 8, 753268.	1.2	11
547	Macrophages in heterotopic ossification: from mechanisms to therapy. Npj Regenerative Medicine, 2021, 6, 70.	2.5	44
548	Vascular Normalization, T Cell Trafficking and Anti-tumor Immunity. Resistance To Targeted Anti-cancer Therapeutics, 2016, , 51-76.	0.1	0
549	Transcription Factors and Colorectal Cancer: An Overview., 2017,, 215-237.		0
551	mTORC1 Links Cellular Metabolism and Immune Functions in Mycobacterium tuberculosis Infection and BCG Vaccination. , 2018, , 155-170.		2
559	A Prospective, Self-Controlled Pilot Study of the Efficacy of Roxadustat for Erythropoietin Hyporesponsiveness in Patients Requiring Chronic Ambulatory Peritoneal Dialysis., 2021,,.		6
560	Biphasic effect of mechanical stress on lymphocyte activation. Journal of Cellular Physiology, 2022, 237, 1521-1531.	2.0	1
562	Hypoxic Transformation of Immune Cell Metabolism Within the Microenvironment of Oral Cancers. Frontiers in Oral Health, 2020, 1, 585710.	1.2	5

#	ARTICLE	IF	CITATIONS
563	Hypoxia-inducible Factors—Their Regulation and Function in Neural Tissue. Human Physiology, 2020, 46, 895-899.	0.1	0
564	HIF- $1\hat{l}\pm$ as a Potential Therapeutic Target for Tuberculosis Treatment. , 2021, , 41-59.		0
566	A-7 nAchR Macrophages and Nicotine Approach in Neuroprotection to COVID-19 4 Variables Equation?. SSRN Electronic Journal, 0, , .	0.4	0
567	HIF-1α Regulation of Cytokine Production following TLR3 Engagement in Murine Bone Marrow–Derived Macrophages Is Dependent on Viral Nucleic Acid Length and Glucose Availability. Journal of Immunology, 2021, 207, 2813-2827.	0.4	3
568	Restraint of Fumarate Accrual by HIF- $\hat{\Pi}$ Preserves miR-27a-Mediated Limitation of Interleukin 10 during Infection of Macrophages by Histoplasma capsulatum. MBio, 2021, 12, e0271021.	1.8	5
569	Plasma Pyruvate Kinase M2 as a marker of vascular inflammation in Giant Cell Arteritis. Rheumatology, 2021, , .	0.9	10
570	The importance of hypoxia in radiotherapy for the immune response, metastatic potential and FLASH-RT. International Journal of Radiation Biology, 2022, 98, 439-451.	1.0	24
571	Different HCV Exposure Drives Specific miRNA Profile in PBMCs of HIV Patients. Biomedicines, 2021, 9, 1627.	1.4	2
572	In vivo and in vitro characteristic of HIF- $1\hat{l}_{\pm}$ and relative genes in ischemic femoral head necrosis. International Journal of Clinical and Experimental Pathology, 2015, 8, 7210-6.	0.5	8
573	Adipocytes exert lipotoxic effects on osteoblast through activating hypoxia signaling pathway in vitro. American Journal of Translational Research (discontinued), 2015, 7, 2694-705.	0.0	1
574	Downregulating hypoxia-inducible factor- $1\hat{l}\pm$ expression with perfluorooctyl-bromide nanoparticles reduces early brain injury following experimental subarachnoid hemorrhage in rats. American Journal of Translational Research (discontinued), 2016, 8, 2114-26.	0.0	3
575	A Immune-Related Signature Associated with TME Can Serve as a Potential Biomarker for Survival and Sorafenib Resistance in Liver Cancer. OncoTargets and Therapy, 2021, 14, 5065-5083.	1.0	3
576	Reactive Oxygen Species, Central Regulators of the Tumor Microenvironment., 2021,, 1-18.		0
577	Covidâ€19 and Liver Injury: Role of Inflammatory Endotheliopathy, Platelet Dysfunction, and Thrombosis. Hepatology Communications, 2022, 6, 255-269.	2.0	41
578	Renoprotective Role of Hypoxia-Inducible Factors and the Mechanism. Kidney Diseases (Basel,) Tj ETQq0 0 0 rgBT	· /Qverlock	≀ 10 Tf 50 182
579	Effect of hypoxic conditioning on functional fitness, balance and fear of falling in healthy older adults: a randomized controlled trial. European Review of Aging and Physical Activity, 2021, 18, 25.	1.3	7
580	Regulatory mechanism of HIF- $1\hat{l}\pm$ and its role in liver diseases: a narrative review. Annals of Translational Medicine, 2022, 10, 109-109.	0.7	30
581	Downregulation of the Long Non-Coding RNA MALAT1 in Tenofovir-Treated Pregnant Women with Hepatitis B Virus Infection Promotes Immune Recovery of Natural Killer Cells Via the has-miR-155-5p/HIF-1 $\hat{l}\pm$ Axis. SSRN Electronic Journal, 0, , .	0.4	0

#	Article	IF	CITATIONS
582	A Immune-Related Signature Associated with TME Can Serve as a Potential Biomarker for Survival and Sorafenib Resistance in Liver Cancer. OncoTargets and Therapy, 2021, Volume 14, 5065-5083.	1.0	10
583	Role of <scp>Lysineâ€Specific</scp> Demethylase 1 in Metabolically Integrating Osteoclast Differentiation and Inflammatory Bone Resorption Through <scp>Hypoxiaâ€Inducible</scp> Factor 1α and <scp>E2F1</scp> . Arthritis and Rheumatology, 2022, 74, 948-960.	2.9	20
584	Application of serum exosomal hypoxia-inducible factor-1 alpha (HIF- $1\hat{1}\pm$) as potential circulating biomarker for bacterial peritonitis. Bioengineered, 2022, 13, 1975-1987.	1.4	2
585	Hypoxia-Inducible Factor Signaling in Inflammatory Lung Injury and Repair. Cells, 2022, 11, 183.	1.8	17
586	Radioactive nano-oxygen generator enhance anti-tumor radio-immunotherapy by regulating tumor microenvironment and reducing proliferation. Biomaterials, 2022, 280, 121326.	5.7	26
587	Directing hypoxic tumor microenvironment and HIF to illuminate cancer immunotherapy's existing prospects and challenges in drug targets. Current Drug Targets, 2022, 23, .	1.0	2
588	Stabilization but No Functional Influence of HIF-1α Expression in the Intestinal Epithelium during Salmonella Typhimurium Infection. Infection and Immunity, 2022, 90, iai0022221.	1.0	7
589	Mast Cell–Tumor Interactions: Molecular Mechanisms of Recruitment, Intratumoral Communication and Potential Therapeutic Targets for Tumor Growth. Cells, 2022, 11, 349.	1.8	25
590	pH-Sensing G Protein-Coupled Receptor OGR1 (GPR68) Expression and Activation Increases in Intestinal Inflammation and Fibrosis. International Journal of Molecular Sciences, 2022, 23, 1419.	1.8	9
591	Integrative proteo-transcriptomic and immunophenotyping signatures of HIV-1 elite control phenotype: A cross-talk between glycolysis and HIF signaling. IScience, 2022, 25, 103607.	1.9	7
592	Reactive Oxygen Species: Central Regulators of the Tumor Microenvironment., 2022,, 663-679.		0
593	A tiered approach to investigate the inhalation toxicity of cobalt substances. Tier 3: Inflammatory response following acute inhalation exposure correlates with lower tier data. Regulatory Toxicology and Pharmacology, 2022, 130, 105127.	1.3	11
594	Chronic Marijuana Use Is Associated with Gene Expression Changes in BAL. American Journal of Respiratory Cell and Molecular Biology, 2022, 66, 238-239.	1.4	0
595	CaP-based anti-inflammatory HIF- $1\hat{l}\pm$ siRNA-encapsulating nanoparticle for rheumatoid arthritis therapy. Journal of Controlled Release, 2022, 343, 314-325.	4.8	17
596	Identification of Hypoxia–Immune-Related Gene Signatures and Construction of a Prognostic Model in Kidney Renal Clear Cell Carcinoma. Frontiers in Cell and Developmental Biology, 2021, 9, 796156.	1.8	4
597	Silent Hypoxia in COVID-19 Pneumonia: State of Knowledge, Pathophysiology, Mechanisms, and Management. AACN Advanced Critical Care, 2022, 33, 143-153.	0.6	8
598	Conserved and convergent mechanisms underlying performance–life-history trade-offs. Journal of Experimental Biology, 2022, 225, .	0.8	10
601	Role of Mitochondrial Stress Response in Cancer Progression. Cells, 2022, 11, 771.	1.8	17

#	Article	IF	CITATIONS
602	Potential Role of Selenium in the Treatment of Cancer and Viral Infections. International Journal of Molecular Sciences, 2022, 23, 2215.	1.8	22
603	Obstructive Sleep Apnea Affects Lacrimal Gland Function. , 2022, 63, 3.		4
604	The WWOX/HIF1A Axis Downregulation Alters Glucose Metabolism and Predispose to Metabolic Disorders. International Journal of Molecular Sciences, 2022, 23, 3326.	1.8	7
605	MicroRNAs: Novel Targets in Hepatic Ischemia–Reperfusion Injury. Biomedicines, 2022, 10, 791.	1.4	10
606	Comprehensive analysis of the correlations of \$100B with hypoxia response and immune infiltration in hepatocellular carcinoma. PeerJ, 2022, 10, e13201.	0.9	4
607	A molecular insight into the lipid changes of pig Longissimus thoracis muscle following dietary supplementation with functional ingredients. PLoS ONE, 2022, 17, e0264953.	1.1	4
608	Multiphysics and multiscale modeling of microthrombosis in COVID-19. PLoS Computational Biology, 2022, 18, e1009892.	1.5	15
609	Identification of novel alternative splicing associated with mastitis disease in Holstein dairy cows using large gap read mapping. BMC Genomics, 2022, 23, 222.	1.2	4
610	Hypoxia and Hypoxia-Inducible Factors in Lymphedema. Frontiers in Pharmacology, 2022, 13, 851057.	1.6	4
611	The Relationship between Cancer and Paraoxonase 1. Antioxidants, 2022, 11, 697.	2.2	13
612	Estrogen-related receptor \hat{l}_{\pm} (ERR \hat{l}_{\pm}) functions in the hypoxic injury of microglial cells. Journal of Veterinary Research (Poland), 2022, 66, 131-140.	0.3	1
613	Endothelial Dysfunction in COVID-19: A Unifying Mechanism and a Potential Therapeutic Target. Biomedicines, 2022, 10, 812.	1.4	33
615	Epigallocatechin Gallate Protects against Hypoxia-Induced Inflammation in Microglia via NF-κB Suppression and Nrf-2/HO-1 Activation. International Journal of Molecular Sciences, 2022, 23, 4004.	1.8	28
616	Sensitive Activatable Nanoprobes for Realâ€Time Ratiometric Magnetic Resonance Imaging of Reactive Oxygen Species and Ameliorating Inflammation In Vivo. Advanced Materials, 2022, 34, e2109004.	11.1	52
617	Zygotic hypoxia-inducible factor alpha regulates spicule elongation in the sea urchin embryo. Developmental Biology, 2022, 484, 63-74.	0.9	1
618	Targeting metabolism: A potential strategy for hematological cancer therapy. World Journal of Clinical Cases, 2022, 10, 2990-3004.	0.3	1
619	Altered hypoxia inducible factor regulation in hereditary haemorrhagic telangiectasia. Scientific Reports, 2022, 12, 5877.	1.6	2
620	Mitochondria bridge HIF signaling and ferroptosis blockage in acute kidney injury. Cell Death and Disease, 2022, 13, 308.	2.7	18

#	Article	IF	CITATIONS
621	Chitosan Oligosaccharides Alleviate H2O2-stimulated Granulosa Cell Damage via HIF-1α Signaling Pathway. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-15.	1.9	7
622	Hurdles to breakthrough in CAR T cell therapy of solid tumors. Stem Cell Research and Therapy, 2022, 13, 140.	2.4	20
623	Downregulation of the long non-coding RNA MALAT1 in tenofovir-treated pregnant women with hepatitis B virus infection promotes immune recovery of natural killer cells via the has-miR-155-5p/HIF-1 \hat{l}_{\pm} axis. International Immunopharmacology, 2022, 107, 108701.	1.7	7
624	Acute intermittent hypoxia drives hepatic de novo lipogenesis in humans and rodents. Metabolism Open, 2022, 14, 100177.	1.4	6
625	HIF-1alpha/VEGF pathway mediates 1,3,6,8-tetrabromo-9ÂH-carbazole-induced angiogenesis: a potential vascular toxicity of an emerging contaminant. Journal of Hazardous Materials, 2022, 432, 128718.	6.5	4
627	Homeostatic Regulation of Glucocorticoid Receptor Activity by Hypoxia-Inducible Factor 1: From Physiology to Clinic. Cells, 2021, 10, 3441.	1.8	6
628	${ m HIF-l}$ \pm Activation Impacts Macrophage Function during Murine Leishmania major Infection. Pathogens, 2021, 10, 1584.	1.2	2
629	Morphofunctional Assessment of Tissue Hypoxia Parameters in Lacunar Stroke in Humans. Human Physiology, 2021, 47, 878-883.	0.1	0
630	Uncovering a Hub Signaling Pathway of Antimicrobial-Antifungal-Anticancer Peptides' Axis on Short Cationic Peptides via Network Pharmacology Study. International Journal of Molecular Sciences, 2022, 23, 2055.	1.8	1
631	The Interplay Between Inflammation and Stromal Components in Pancreatic Cancer. Frontiers in Immunology, 2022, 13, 850093.	2.2	13
632	Effect of Glutâ€1 and HIFâ€1α double knockout by CRISPR/CAS9 on radiosensitivity in laryngeal carcinoma via the PI3K/Akt/mTOR pathway. Journal of Cellular and Molecular Medicine, 2022, 26, 2881-2894.	1.6	11
633	Cyclin J–CDK complexes limit innate immune responses by reducing proinflammatory changes in macrophage metabolism. Science Signaling, 2022, 15, eabm5011.	1.6	4
634	Correlation and colocalization of HIF- $1\hat{l}\pm$ and pimonidazole staining for hypoxia in laryngeal squamous cell carcinomas: A digital, single-cell-based analysis. Oral Oncology, 2022, 128, 105862.	0.8	3
635	HIFâ€1α plays an essential role in BMP9â€mediated osteoblast differentiation through the induction of a glycolytic enzyme, PDK1. Journal of Cellular Physiology, 2022, 237, 2183-2197.	2.0	10
647	Hypoxia triggers the outbreak of infectious spleen and kidney necrosis virus disease through viral hypoxia response elements. Virulence, 2022, 13, 714-726.	1.8	1
648	Succinate dehydrogenase/complex II is critical for metabolic and epigenetic regulation of T cell proliferation and inflammation. Science Immunology, 2022, 7, eabm8161.	5.6	23
649	Rabeprazole Promotes Vascular Repair and Resolution of Sepsis-Induced Inflammatory Lung Injury through HIF-1 \hat{l}_{\pm} . Cells, 2022, 11, 1425.	1.8	4
650	Intermittent Hypoxia as a Therapeutic Tool to Improve Health Parameters in Older Adults. International Journal of Environmental Research and Public Health, 2022, 19, 5339.	1.2	12

#	ARTICLE	IF	CITATIONS
651	HIF inhibitor $32-134D$ eradicates murine hepatocellular carcinoma in combination with anti-PD1 therapy. Journal of Clinical Investigation, $2022,132,.$	3.9	44
652	Single Nucleotide Polymorphisms of the HIF1A Gene are Associated With Sensitivity of Glucocorticoid Treatment in Pediatric ITP Patients. Journal of Pediatric Hematology/Oncology, 2023, 45, 195-199.	0.3	2
655	Increased HIF- $1\hat{1}$ ± expression in T cells and associated with enhanced Th17 pathway in systemic lupus erythematosus. Journal of the Formosan Medical Association, 2022, 121, 2446-2456.	0.8	2
656	LncRNA USP2-AS1 Promotes Hepatocellular Carcinoma Growth by Enhancing YBX1-Mediated HIF1α Protein Translation Under Hypoxia. Frontiers in Oncology, 2022, 12, .	1.3	5
657	HIF signaling: A new propellant in bone regeneration. , 2022, 138, 212874.		11
658	Inhibition of the Hypoxia-Inducible Factors Prevented Corneal Fibrosis and Improved Corneal Transparency after Corneal Injury. SSRN Electronic Journal, 0, , .	0.4	0
659	Computational investigation of benzalacetophenone derivatives against SARS-CoV-2 as potential multi-target bioactive compounds. Computers in Biology and Medicine, 2022, 146, 105668.	3.9	20
660	Hypoxia-inducible factors: master regulators of hypoxic tumor immune escape. Journal of Hematology and Oncology, 2022, 15, .	6.9	112
661	The role of hypoxia in the pathophysiology of chronic rhinosinusitis. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 3217-3232.	2.7	8
662	Comparative transcriptome analysis reveals physiological responses in liver tissues of Epinephelus coioides under acute hypoxia stress. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2022, 43, 101005.	0.4	2
664	Effects of Altitude and Duration of Differing Levels of Hypoxic Exposure on Hypoxia-Inducible Factor- $1\hat{l}\pm$ in Rat Tissues. High Altitude Medicine and Biology, 2022, 23, 173-184.	0.5	2
665	Phenotypic and Immunometabolic Aspects on Stem Cell Memory and Resident Memory CD8+ T Cells. Frontiers in Immunology, 0, 13, .	2.2	1
666	Potential Material Basis of Yupingfeng Powder for the Prevention and Treatment of 2019 Novel Coronavirus Pneumonia: A Study Involving Molecular Docking and Molecular Dynamic Simulation Technology. BioMed Research International, 2022, 2022, 1-14.	0.9	3
667	Adipocyte HIF2Î \pm functions as a thermostat via PKA CÎ \pm regulation in beige adipocytes. Nature Communications, 2022, 13, .	5.8	13
668	Identification of Hypoxia-Related Subtypes, Establishment of Prognostic Models, and Characteristics of Tumor Microenvironment Infiltration in Colon Cancer. Frontiers in Genetics, 0, 13, .	1.1	3
669	Healthy dietary choices are associated with higher serum propionate and PGC1 $\hat{l}\pm$ expression in peripheral blood mononuclear cells in adult humans. Obesity Medicine, 2022, 33, 100432.	0.5	1
671	Lymphatic biology and medicine. , 2022, , 127-137.		0
672	Significance of extrinsic factors for the optimization of dietary cobalt supplementation in Tor putitora fingerlings. Fish Physiology and Biochemistry, 2022, 48, 883-897.	0.9	1

#	Article	IF	CITATIONS
673	Suppression of myeloid PFKFB3â€driven glycolysis protects mice from choroidal neovascularization. British Journal of Pharmacology, 2022, 179, 5109-5131.	2.7	15
674	$HIF-1\hat{l}\pm$ Inhibition Improves Anti-Tumor Immunity and Promotes the Efficacy of Stereotactic Ablative Radiotherapy (SABR). Cancers, 2022, 14, 3273.	1.7	17
675	Biology of macrophage fate decision: Implication in inflammatory disorders. Cell Biology International, 2022, 46, 1539-1556.	1.4	7
676	TLR22-Induced Pro-Apoptotic mtROS Abets UPRmt-Mediated Mitochondrial Fission in Aeromonas hydrophila-Infected Headkidney Macrophages of Clarias gariepinus. Frontiers in Immunology, 0, 13, .	2.2	7
677	Role of glycine and glycine receptors in vascular endothelium: a new perspective for the management of the post-ischemic injury Current Vascular Pharmacology, 2022, 20, .	0.8	1
678	Upregulation of <scp>HIF</scp> â€lα contributes to complement activation in transplantationâ€associated thrombotic microangiopathy. British Journal of Haematology, 2022, 199, 603-615.	1.2	6
679	A Glimpse of Inflammation and Anti-Inflammation Therapy in Diabetic Kidney Disease. Frontiers in Physiology, 0, 13 , .	1.3	7
680	Hypoxia inducible factor-1 signaling pathway in macrophage involved angiogenesis in materials-instructed osteo-induction. Journal of Materials Chemistry B, 2022, 10, 6483-6495.	2.9	4
681	Volatile organic compounds: A proinflammatory activator in autoimmune diseases. Frontiers in Immunology, 0, 13, .	2.2	22
682	The Functional Mechanism of MicroRNA in Oral Lichen Planus. Journal of Inflammation Research, 0, Volume 15, 4261-4274.	1.6	5
683	Construction of a hypoxia-derived gene model to predict the prognosis and therapeutic response of head and neck squamous cell carcinoma. Scientific Reports, 2022, 12, .	1.6	4
684	Hypoxia and hypoxia-inducible factor signals regulate the development, metabolism, and function of B cells. Frontiers in Immunology, 0, 13 , .	2.2	7
685	PD-1+ CD4 T cell immune response is mediated by HIF-1 \hat{l} ±/NFATc1 pathway after P. yoelii infection. Frontiers in Immunology, 0, 13, .	2.2	5
686	Oxidative stress: An essential factor in the process of arteriovenous fistula failure. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	7
687	FOXA1 inhibits hypoxia programs through transcriptional repression of HIF1A. Oncogene, 2022, 41, 4259-4270.	2.6	6
688	Underlying mechanisms of evasion from NK cells as rationale for improvement of NK cell-based immunotherapies. Frontiers in Immunology, 0, 13 , .	2.2	12
689	Cyclosporine A Modulates LSP1 Protein Levels in Human B Cells to Attenuate B Cell Migration at Low O2 Levels. Life, 2022, 12, 1284.	1.1	5
690	Intracellular pyruvate levels positively correlate with cytokine production capacity in tolerant monocytes from patients with pneumonia. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166519.	1.8	3

#	Article	IF	CITATIONS
691	Hypoxia Confers Tumor with a Higher Immune Infiltration but Lower Mutation Burden in Gastrointestinal Cancer. Journal of Oncology, 2022, 2022, 1-9.	0.6	1
692	Segregation of \hat{l}_{\pm} - and \hat{l}^2 -Globin Gene Cluster in Vertebrate Evolution: Chance or Necessity?. Biochemistry (Moscow), 2022, 87, 1035-1049.	0.7	1
693	The chromosome-scale genome of the raccoon dog: Insights into its evolutionary characteristics. IScience, 2022, 25, 105117.	1.9	6
694	Evidence that the frontal pole has a significant role in the pathophysiology of schizophrenia. Psychiatry Research, 2022, 317, 114850.	1.7	10
695	N-phenethyl-5-phenylpicolinamide alleviates inflammation in acute lung injury by inhibiting HIF- $1\hat{1}\pm/g$ lycolysis/ASiC1a pathway. Life Sciences, 2022, 309, 120987.	2.0	3
696	NK cell immunometabolism as target for liver cancer therapy. International Immunopharmacology, 2022, 112, 109193.	1.7	3
697	Reactive Oxygen Species in Oral Squamous Cell Carcinoma Progression and Importance of Stem Cells in Cancer Therapeutics., 2022,, 2403-2426.		0
698	Dissecting a hypoxia-related angiogenic gene signature for predicting prognosis and immune status in hepatocellular carcinoma. Frontiers in Oncology, 0, 12, .	1.3	1
699	Hypoxia promotes an inflammatory phenotype of fibroblasts in pancreatic cancer. Oncogenesis, 2022, 11 , .	2.1	20
700	Functional Repercussions of Hypoxia-Inducible Factor-2α in Idiopathic Pulmonary Fibrosis. Cells, 2022, 11, 2938.	1.8	1
701	Current Landscape of Therapeutic Resistance in Lung Cancer and Promising Strategies to Overcome Resistance. Cancers, 2022, 14, 4562.	1.7	15
702	Composition and regulation of the immune microenvironment of salivary gland in Sjögrenâ \in ™s syndrome. Frontiers in Immunology, 0, 13, .	2.2	6
703	Astrocytes show increased levels of Ero1 \hat{i} t in multiple sclerosis and its experimental autoimmune encephalomyelitis animal model. European Journal of Neuroscience, 2022, 56, 5177-5190.	1.2	0
704	Brusatol inhibits the growth of prostate cancer cells and reduces HIF- $1\hat{l}\pm/VEGF$ expression and glycolysis under hypoxia. Quality Assurance and Safety of Crops and Foods, 2022, 14, 13-22.	1.8	2
705	Pulmonary Thrombosis Promotes Tumorigenesis via Myeloid Hypoxia-Inducible Factors. Biomolecules, 2022, 12, 1354.	1.8	4
706	Tourniquet use following blast-associated complex lower limb injury and traumatic amputation promotes end organ dysfunction and amplified heterotopic ossification formation. Journal of Orthopaedic Surgery and Research, 2022, 17, .	0.9	7
707	High Glucose and Carbonyl Stress Impair HIF-1-Regulated Responses and the Control of Mycobacterium tuberculosis in Macrophages. MBio, 2022, 13, .	1.8	6
708	HIF-1 stabilization in T cells hampers the control of Mycobacterium tuberculosis infection. Nature Communications, 2022, 13 , .	5.8	7

#	Article	IF	Citations
709	Hypoxia inducible factors regulate infectious SARS-CoV-2, epithelial damage and respiratory symptoms in a hamster COVID-19 model. PLoS Pathogens, 2022, 18, e1010807.	2.1	15
710	Targeting of Hypoxia for Therapeutic Strategy in the Varied Physiological States. The Open Biochemistry Journal, 2022, 16, .	0.3	1
711	Comparative Transcriptome Analysis of Head Kidney of Aeromonas hydrophila-infected Hypoxia-tolerant and Normal Large Yellow Croaker. Marine Biotechnology, 2022, 24, 1039-1054.	1.1	4
712	Effect of mycobacterial proteins that target mitochondria on the alveolar macrophages activation during <i>Mycobacterium tuberculosis</i> infection. Experimental Lung Research, 2022, 48, 251-265.	0.5	1
714	The complex interactions between the cellular and non-cellular components of the brain tumor microenvironmental landscape and their therapeutic implications. Frontiers in Oncology, 0, 12, .	1.3	12
715	GAB functions as a bioenergetic and signalling gatekeeper to control T cell inflammation. Nature Metabolism, 2022, 4, 1322-1335.	5.1	9
716	Genetic and immune changes in Tibetan high-altitude populations contribute to biological adaptation to hypoxia. Environmental Health and Preventive Medicine, 2022, 27, 39-39.	1.4	7
717	Polarization and \hat{I}^2 -Glucan Reprogram Immunomodulatory Metabolism in Human Macrophages and Ex Vivo in Human Lung Cancer Tissues. Journal of Immunology, 2022, 209, 1674-1690.	0.4	2
718	Hypoxia-Inducible Factor 2 Alpha (HIF2α) Inhibitors: Targeting Genetically Driven Tumor Hypoxia. Endocrine Reviews, 2023, 44, 312-322.	8.9	16
719	Effects of microenvironment in osteosarcoma on chemoresistance and the promise of immunotherapy as an osteosarcoma therapeutic modality. Frontiers in Immunology, $0,13,.$	2.2	11
720	Hypoxia-inducible factor 1-alpha is a driving mechanism linking chronic obstructive pulmonary disease to lung cancer. Frontiers in Oncology, 0, 12, .	1.3	3
721	Exploration of various roles of hypoxia genes in osteosarcoma. Scientific Reports, 2022, 12, .	1.6	1
722	Therapeutic potential of topical administration of acriflavine against hypoxia-inducible factors for corneal fibrosis. Frontiers in Pharmacology, $0,13,1$	1.6	0
723	Reinventing the Penumbra — the Emerging Clockwork of a Multi-modal Mechanistic Paradigm. Translational Stroke Research, 2023, 14, 643-666.	2.3	9
724	Î'eta-glucan stimulation induces trained immunity markers in common carp, Cyprinus carpio. Fish and Shellfish Immunology, 2022, , .	1.6	2
725	Metabolic reprogramming of immune cells in pancreatic cancer progression. Biomedicine and Pharmacotherapy, 2023, 157, 113992.	2.5	17
726	NCX2 Regulates Intracellular Calcium Homeostasis and Translocation of HIF- $1\hat{l}_{\pm}$ into the Nucleus to Inhibit Glioma Invasion. Biochemical Genetics, 0, , .	0.8	2
728	Mutual Regulation between Redox and Hypoxia-Inducible Factors in Cardiovascular and Renal Complications of Diabetes. Antioxidants, 2022, 11, 2183.	2.2	8

#	ARTICLE	IF	Citations
729	Effect of Smoking Exposure on Nonsurgical Periodontal Therapy: 1-Year Follow-up. Journal of Dental Research, 2023, 102, 280-286.	2.5	1
730	Immune Checkpoint Molecules and Glucose Metabolism in HIV-Induced T Cell Exhaustion. Biomedicines, 2022, 10, 2809.	1.4	8
731	Identification of Hypoxia-Related Prognostic Signature and Competing Endogenous RNA Regulatory Axes in Hepatocellular Carcinoma. International Journal of Molecular Sciences, 2022, 23, 13590.	1.8	7
732	The involvement of hypoxia inducible factor-11± on the proportion of three types of haemocytes in Chinese mitten crab under hypoxia stress. Developmental and Comparative Immunology, 2023, 140, 104598.	1.0	4
733	Piglet cardiopulmonary bypass induces intestinal dysbiosis and barrier dysfunction associated with systemic inflammation. DMM Disease Models and Mechanisms, 2023, 16, .	1.2	6
734	Comparison of risk of peritoneal dialysis-associated peritonitis between roxadustat and recombinant human erythropoietin in peritoneal dialysis patients: a retrospective comparative cohort study. Annals of Translational Medicine, 2022, 10, 1212-1212.	0.7	0
735	Bone Marrow Macrophages Induce Inflammation by Efferocytosis of Apoptotic Prostate Cancer Cells via HIF-1α Stabilization. Cells, 2022, 11, 3712.	1.8	3
736	Perfluorodecalin-based oxygenated emulsion as a topical treatment for chemical burn to the eye. Nature Communications, $2022, 13, .$	5.8	6
737	Continuous and intermittent hypoxia in cancer. , 2022, , 31-47.		0
738	Understanding Long COVID; Mitochondrial Health and Adaptation—Old Pathways, New Problems. Biomedicines, 2022, 10, 3113.	1.4	19
739	Differential Recovery Patterns of the Maxilla and Mandible after Eliminating Nasal Obstruction in Growing Rats. Journal of Clinical Medicine, 2022, 11, 7359.	1.0	2
740	Hypoxia-associated prognostic markers and competing endogenous RNA coexpression networks in lung adenocarcinoma. Scientific Reports, 2022, 12, .	1.6	O
741	Reoxygenation Modulates the Adverse Effects of Hypoxia on Wound Repair. International Journal of Molecular Sciences, 2022, 23, 15832.	1.8	4
742	Hypoxia-induced factor and its role in liver fibrosis. PeerJ, 0, 10, e14299.	0.9	3
743	Systems Biology Analysis of Temporal Dynamics That Govern Endothelial Response to Cyclic Stretch. Biomolecules, 2022, 12, 1837.	1.8	2
744	Atorvastatin attenuates ferroptosis-dependent myocardial injury and inflammation following coronary microembolization via the Hif1a/Ptgs2 pathway. Frontiers in Pharmacology, 0, 13, .	1.6	9
745	HIF1- $\hat{l}\pm$ upregulation induces proinflammatory factors to boost host killing capacity after <i>Aspergillus fumigatus</i>	1.0	0
746	Endogenous IL-1 receptor antagonist restricts healthy and malignant myeloproliferation. Nature Communications, 2023, 14, .	5.8	9

#	ARTICLE	IF	CITATIONS
747	Endotyping COPD: hypoxia-inducible factor-2 as a molecular "switch―between the vascular and airway phenotypes?. European Respiratory Review, 2023, 32, 220173.	3.0	4
748	The Protective Effect of a Functional Food Consisting of Astragalus membranaceus, Trichosanthes kirilowii, and Angelica gigas or Its Active Component Formononetin against Inflammatory Skin Disorders through Suppression of TSLP via MDM2/HIF1α Signaling Pathways. Foods, 2023, 12, 276.	1.9	2
749	Immunological Aspects of Von Hippel-Lindau Disease: A Focus on Neuro-Oncology and Myasthenia Gravis. Diagnostics, 2023, 13, 144.	1.3	3
750	A Hypoxia Molecular Signature-Based Prognostic Model for Endometrial Cancer Patients. International Journal of Molecular Sciences, 2023, 24, 1675.	1.8	2
751	Diclofenac Disrupts the Circadian Clock and through Complex Cross-Talks Aggravates Immune-Mediated Liver Injury—A Repeated Dose Study in Minipigs for 28 Days. International Journal of Molecular Sciences, 2023, 24, 1445.	1.8	1
752	LDHA as a regulator of T cell fate and its mechanisms in disease. Biomedicine and Pharmacotherapy, 2023, 158, 114164.	2.5	8
753	Ribonucleotide reductase M2 (RRM2): Regulation, function and targeting strategy in human cancer. Genes and Diseases, 2024, 11, 218-233.	1.5	6
755	Metabolic regulation of NK cell function: implications for immunotherapy. Immunometabolism, 2023, 5, e00020.	0.7	6
756	The Underexplored Landscape of Hypoxia-Inducible Factor 2 Alpha and Potential Roles in Tumor Macrophages: A Review. Oxygen, 2023, 3, 45-76.	1.6	5
757	The variant <scp>senescenceâ€associated secretory phenotype</scp> induced by centrosome amplification constitutes a pathway that activates <scp>hypoxiaâ€inducible factor</scp> â€lî±. Aging Cell, 2023, 22, .	3.0	5
758	Autoimmunity in people with cystic fibrosis. Journal of Cystic Fibrosis, 2023, , .	0.3	0
759	VCE-005.1, an hypoxia mimetic betulinic acid derivative, induces angiogenesis and shows efficacy in a murine model of traumatic brain injury. Biomedicine and Pharmacotherapy, 2023, 162, 114715.	2.5	1
760	Responses to Hypoxia: How Fructose Metabolism and Hypoxia-Inducible Factor-1a Pathways Converge in Health and Disease. Current Nutrition Reports, 2023, 12, 181-190.	2.1	5
761	Metabolic dialogs between B cells and the tumor microenvironment: Implications for anticancer immunity. Cancer Letters, 2023, 556, 216076.	3.2	1
762	Expression pattern of hypoxia-related genes in odontogenic cysts. Archives of Oral Biology, 2023, 148, 105639.	0.8	1
763	Cyclooxygenase‑2 contributes to the hypoxia‑induced aggravation of the neuroinflammation response stimulated by lipopolysaccharide in microglia. Experimental and Therapeutic Medicine, 2023, 25, .	0.8	1
764	Potential Pathophysiological Pathways in the Complex Relationships between OSA and Cancer. Cancers, 2023, 15, 1061.	1.7	11
765	Innate Lymphoid Cell Plasticity in Mucosal Infections. Microorganisms, 2023, 11, 461.	1.6	6

#	Article	IF	CITATIONS
766	Lactate exposure shapes the metabolic and transcriptomic profile of CD8+ T cells. Frontiers in Immunology, 0, 14 , .	2.2	8
767	Identification and validation of ferroptosis-related hub genes in obstructive sleep apnea syndrome. Frontiers in Neurology, 0, 14 , .	1.1	2
768	Immunomodulatory activity of manganese dioxide nanoparticles: Promising for novel vaccines and immunotherapeutics. Frontiers in Immunology, 0, 14 , .	2.2	5
769	Dl-3-n-butylphthalide exerts neuroprotective effects by modulating hypoxia-inducible factor 1-alpha ubiquitination to attenuate oxidative stress-induced apoptosis. Neural Regeneration Research, 2023, 18, 2424-2428.	1.6	3
770	An optimized reporter of the transcription factor hypoxia-inducible factor $1\hat{l}\pm$ reveals complex HIF- $1\hat{l}\pm$ activation dynamics in single cells. Journal of Biological Chemistry, 2023, 299, 104599.	1.6	1
771	HIF1A overexpression predicts the high lymph node metastasis risk and indicates a poor prognosis in papillary thyroid cancer. Heliyon, 2023, 9, e14714.	1.4	0
772	Hypoxia Drives Materialâ€Induced Heterotopic Bone Formation by Enhancing Osteoclastogenesis via M2/Lipidâ€Loaded Macrophage Axis. Advanced Science, 2023, 10, .	5.6	7
773	Chronic alcohol administration alters metabolomic profile of murine bone marrow. Frontiers in Immunology, 0, 14, .	2.2	1
774	Effects of oleoylethanolamide supplementation on inflammatory biomarkers, oxidative stress and antioxidant parameters of obese patients with NAFLD on a calorie-restricted diet: A randomized controlled trial. Frontiers in Pharmacology, 0, 14, .	1.6	2
775	Hyperbaric Oxygen Therapy Reduces Oxidative Stress and Inflammation, and Increases Growth Factors Favouring the Healing Process of Diabetic Wounds. International Journal of Molecular Sciences, 2023, 24, 7040.	1.8	12
776	Hypoxia and Extracellular Matrix-Major Drivers of Tumor Metastasis. , 2023, , 217-244.		0
777	Hypoxiaâ€inducible factor <scp>1A</scp> inhibition overcomes castration resistance of prostate tumors. EMBO Molecular Medicine, 0, , .	3.3	4
778	The role of thyroid hormone in the renal immune microenvironment. International Immunopharmacology, 2023, 119, 110172.	1.7	2
784	Pathophysiological mechanisms and therapeutic approaches in obstructive sleep apnea syndrome. Signal Transduction and Targeted Therapy, 2023, 8, .	7.1	29
787	Iron metabolism in colorectal cancer: a balancing act. Cellular Oncology (Dordrecht), 2023, 46, 1545-1558.	2.1	5
804	Biology and therapeutic targeting of vascular endothelial growth factor A. Nature Reviews Molecular Cell Biology, 2023, 24, 816-834.	16.1	28
826	Mitochondrial Quality Measures in the Regulation of Tumor Progression and Metastasis., 2023,, 1-19.		0
848	Targeting hypoxia-inducible factors: therapeutic opportunities and challenges. Nature Reviews Drug Discovery, 2024, 23, 175-200.	21.5	1

ARTICLE IF CITATIONS

857 Arterial Hypoxemia. , 2023, , 61-87.