

Regulation of immunity and inflammation by hypoxia

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Aging, Obesity, and Inflammatory Age-Related Diseases. <i>Frontiers in Immunology</i> , 2017, 8, 1745.	4.8	246
2	HIF-1 α hampers dendritic cell function and Th1 generation during chronic visceral leishmaniasis. <i>Scientific Reports</i> , 2018, 8, 3500.	3.3	41
3	Two-photon fluorescent probe for detection of nitroreductase and hypoxia-specific microenvironment of cancer stem cell. <i>Analytica Chimica Acta</i> , 2018, 1024, 177-186.	5.4	28
4	The PHD1 oxygen sensor in health and disease. <i>Journal of Physiology</i> , 2018, 596, 3899-3913.	2.9	24
5	Sporadic on/off switching of HTLV-1 Tax expression is crucial to maintain the whole population of virus-induced leukemic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1269-E1278.	7.1	135
6	Improving immune-vascular crosstalk for cancer immunotherapy. <i>Nature Reviews Immunology</i> , 2018, 18, 195-203.	22.7	340
7	Dual IFN- γ /hypoxia priming enhances immunosuppression of mesenchymal stromal cells through regulatory proteins and metabolic mechanisms. <i>Journal of Immunology and Regenerative Medicine</i> , 2018, 1, 45-56.	0.4	39
8	A comparative analysis of immune privilege in pregnancy and cancer in the context of checkpoint blockade immunotherapy. <i>Seminars in Oncology</i> , 2018, 45, 170-175.	2.2	17
9	The influence of hypoxia and IFN- γ on the proteome and metabolome of therapeutic mesenchymal stem cells. <i>Biomaterials</i> , 2018, 167, 226-234.	11.4	74
10	Hypoxia-sensitive pathways in intestinal inflammation. <i>Journal of Physiology</i> , 2018, 596, 2985-2989.	2.9	32
11	Cross-talk between signal transduction and metabolism in B cells. <i>Immunology Letters</i> , 2018, 201, 1-13.	2.5	33
12	Evasion of Immune Surveillance in Low Oxygen Environments Enhances <i>Candida albicans</i> Virulence. <i>MBio</i> , 2018, 9, .	4.1	69
13	Manipulating cell fate: dynamic control of cell behaviors on functional platforms. <i>Chemical Society Reviews</i> , 2018, 47, 8639-8684.	38.1	115
14	Bone Immune Response to Materials, Part I: Titanium, PEEK and Copper in Comparison to Sham at 10 Days in Rabbit Tibia. <i>Journal of Clinical Medicine</i> , 2018, 7, 526.	2.4	48
15	The Tumor Vascular Endothelium as Decision Maker in Cancer Therapy. <i>Frontiers in Oncology</i> , 2018, 8, 367.	2.8	140
16	Hypoxia-inducible factor 1-dependent expression of adenosine receptor 2B promotes breast cancer stem cell enrichment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9640-E9648.	7.1	116
17	Hypoxia-inducible factor-1 α regulation of myeloid cells. <i>Journal of Molecular Medicine</i> , 2018, 96, 1293-1306.	3.9	30
18	Hypoxia-Inducible Factor Prolyl 4-Hydroxylases and Metabolism. <i>Trends in Molecular Medicine</i> , 2018, 24, 1021-1035.	6.7	34

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19	Bone marrow infiltrated Lnc-INSR induced suppressive immune microenvironment in pediatric acute lymphoblastic leukemia. <i>Cell Death and Disease</i> , 2018, 9, 1043.	6.3	25
20	Defective Mitochondrial Cardiolipin Remodeling Dampens HIF-1 α Expression in Hypoxia. <i>Cell Reports</i> , 2018, 25, 561-570.e6.	6.4	42
21	Bridging angiogenesis and immune evasion in the hypoxic tumor microenvironment. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R1072-R1084.	1.8	34
22	Neutrophils as sources of dinucleotide polyphosphates and metabolism by epithelial ENPP1 to influence barrier function via adenosine signaling. <i>Molecular Biology of the Cell</i> , 2018, 29, 2687-2699.	2.1	15
23	Scale-up of the ex vivo expansion of encapsulated primary human T lymphocytes. <i>Biotechnology and Bioengineering</i> , 2018, 115, 2632-2642.	3.3	3
24	CD1-Restricted T Cells During Persistent Virus Infections: "Sympathy for the Devil" <i>Frontiers in Immunology</i> , 2018, 9, 545.	4.8	7
25	Investigational hypoxia-inducible factor prolyl hydroxylase inhibitors (HIF-PHI) for the treatment of anemia associated with chronic kidney disease. <i>Expert Opinion on Investigational Drugs</i> , 2018, 27, 613-621.	4.1	29
26	Hypoxia, Metabolism and Immune Cell Function. <i>Biomedicines</i> , 2018, 6, 56.	3.2	126
27	Metabolic Regulation of Hypoxia-Inducible Transcription Factors: The Role of Small Molecule Metabolites and Iron. <i>Biomedicines</i> , 2018, 6, 60.	3.2	32
28	Adipocyte-derived Lysophosphatidylcholine Activates Adipocyte and Adipose Tissue Macrophage Nod-Like Receptor Protein 3 Inflammasomes Mediating Homocysteine-Induced Insulin Resistance. <i>EBioMedicine</i> , 2018, 31, 202-216.	6.1	50
29	NADPH oxidases and ROS signaling in the gastrointestinal tract. <i>Mucosal Immunology</i> , 2018, 11, 1011-1023.	6.0	152
30	HIF-1 α -induced xenobiotic transporters promote Th17 responses in Crohn's disease. <i>Journal of Autoimmunity</i> , 2018, 94, 122-133.	6.5	36
31	Immunoregulatory mechanisms of mesenchymal stem and stromal cells in inflammatory diseases. <i>Nature Reviews Nephrology</i> , 2018, 14, 493-507.	9.6	725
32	MicroRNA 182 promotes T helper 1 cell by repressing hypoxia induced factor 1 alpha in experimental autoimmune encephalomyelitis. <i>European Journal of Immunology</i> , 2019, 49, 2184-2194.	2.9	12
33	Hypoxia-adaptive pathways: A pharmacological target in fibrotic disease?. <i>Pharmacological Research</i> , 2019, 147, 104364.	7.1	28
34	Involvement of N-type Ca ²⁺ channel in microglial activation and its implications to aging-induced exaggerated cytokine response. <i>Cell Calcium</i> , 2019, 82, 102059.	2.4	11
35	Shigella-mediated oxygen depletion is essential for intestinal mucosa colonization. <i>Nature Microbiology</i> , 2019, 4, 2001-2009.	13.3	26
36	Hypoxia-induced ZEB1 promotes cervical cancer progression via CCL8-dependent tumour-associated macrophage recruitment. <i>Cell Death and Disease</i> , 2019, 10, 508.	6.3	90

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37	Sustained maternal inflammation during the early third-trimester yields intrauterine growth restriction, impaired skeletal muscle glucose metabolism, and diminished β -cell function in fetal sheep ^{1,2} . Journal of Animal Science, 2019, 97, 4822-4833.	0.5	21
38	Immunobiology and application of toll-like receptor 4 agonists to augment host resistance to infection. Pharmacological Research, 2019, 150, 104502.	7.1	34
39	Resolution metabolomes activated by hypoxic environment. Science Advances, 2019, 5, eaax4895.	10.3	50
40	<i>Leishmania</i> Infection Induces Macrophage Vascular Endothelial Growth Factor A Production in an ARNT/HIF-Dependent Manner. Infection and Immunity, 2019, 87, .	2.2	14
41	Pressure regulates immune-cell function. Nature, 2019, 573, 41-42.	27.8	7
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47	Regulation of CD11b by HIF-1 α and the STAT3 signaling pathway contributes to the immunosuppressive function of B cells in inflammatory bowel disease. Molecular Immunology, 2019, 111, 162-171.	2.2	28
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50	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.	7.1	100
51	The pro-angiogenic role of hypoxia inducible factor stabilizer FG-4592 and its application in an in vivo tissue engineering chamber model. Scientific Reports, 2019, 9, 6035.	3.3	23
52	Inflammatory consequences of inherited disorders affecting neutrophil function. Blood, 2019, 133, 2130-2139.	1.4	49
53	Limitation of TCA Cycle Intermediates Represents an Oxygen-Independent Nutritional Antibacterial Effector Mechanism of Macrophages. Cell Reports, 2019, 26, 3502-3510.e6.	6.4	29
54	Neutrophils and Close Relatives in the Hypoxic Environment of the Tuberculous Granuloma: New Avenues for Host-Directed Therapies?. Frontiers in Immunology, 2019, 10, 417.	4.8	31

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55	Identification of hub genes in chronically hypoxic myocardium using bioinformatics analysis. <i>Molecular Medicine Reports</i> , 2019, 19, 3871-3881.	2.4	1
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61	Now a Nobel gas: oxygen. <i>Pflügers Archiv European Journal of Physiology</i> , 2019, 471, 1343-1358.	2.8	39
62	Metabolic immunomodulation of macrophage functional plasticity in nonhealing wounds. <i>Current Opinion in Infectious Diseases</i> , 2019, 32, 204-209.	3.1	14
63	Oxygenation of the Transplanted Kidney. <i>Seminars in Nephrology</i> , 2019, 39, 554-566.	1.6	14
64	The reciprocal regulation between host tissue and immune cells in pancreatic ductal adenocarcinoma: new insights and therapeutic implications. <i>Molecular Cancer</i> , 2019, 18, 184.	19.2	54
65	Hypoxia Inducible Factor 1 α Inhibits the Expression of Immunosuppressive Tryptophan-2,3-Dioxygenase in Glioblastoma. <i>Frontiers in Immunology</i> , 2019, 10, 2762.	4.8	22
66	Radioprotective Activity and Preliminary Mechanisms of N-oxalyl-d-phenylalanine (NOFD) In Vitro. <i>International Journal of Molecular Sciences</i> , 2019, 20, 37.	4.1	5
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70	Mechanisms and Consequences of Oxygen and Carbon Dioxide Sensing in Mammals. <i>Physiological Reviews</i> , 2020, 100, 463-488.	28.8	75
71	MiRNA-210 induces microglial activation and regulates microglia-mediated neuroinflammation in neonatal hypoxic-ischemic encephalopathy. <i>Cellular and Molecular Immunology</i> , 2020, 17, 976-991.	10.5	95
72	Postmortem Cortical Transcriptomics of Lewy Body Dementia Reveal Mitochondrial Dysfunction and Lack of Neuroinflammation. <i>American Journal of Geriatric Psychiatry</i> , 2020, 28, 75-86.	1.2	38
73	HIF hydroxylase inhibitors decrease cellular oxygen consumption depending on their selectivity. <i>FASEB Journal</i> , 2020, 34, 2344-2358.	0.5	26

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74	Dynamic responses of the haematopoietic stem cell niche to diverse stresses. <i>Nature Cell Biology</i> , 2020, 22, 7-17.	10.3	86
75	Nanoparticles-mediated reoxygenation strategy relieves tumor hypoxia for enhanced cancer therapy. <i>Journal of Controlled Release</i> , 2020, 319, 25-45.	9.9	80
76	Adaptation to inflammatory acidity through neutrophil-derived adenosine regulation of SLC26A3. <i>Mucosal Immunology</i> , 2020, 13, 230-244.	6.0	17
77	Possible Contribution of Inflammation-Associated Hypoxia to Increased K2P5.1 K+ Channel Expression in CD4+ T Cells of the Mouse Model for Inflammatory Bowel Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 38.	4.1	6
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79	Transcriptomic Changes in Young Japanese Males After Exposure to Acute Hypobaric Hypoxia. <i>Frontiers in Genetics</i> , 2020, 11, 559074.	2.3	8
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82	Implications of cellular metabolism for immune cell migration. <i>Immunology</i> , 2020, 161, 200-208.	4.4	14
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84	Bioresponsive drug delivery systems for the treatment of inflammatory diseases. <i>Journal of Controlled Release</i> , 2020, 327, 641-666.	9.9	97
85	Hypoxia in chronic kidney disease: towards a paradigm shift?. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, 1782-1790.	0.7	22
86	Effects and Mechanisms of Five Psoralea Prenylflavonoids on Aging-Related Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-21.	4.0	12
87	Hypoxia Shapes Autophagy in LPS-Activated Dendritic Cells. <i>Frontiers in Immunology</i> , 2020, 11, 573646.	4.8	17
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89	Injectable redox and light responsive MnO ₂ hybrid hydrogel for simultaneous melanoma therapy and multidrug-resistant bacteria-infected wound healing. <i>Biomaterials</i> , 2020, 260, 120314.	11.4	130
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93	Hypoxic microenvironment shapes HIV-1 replication and latency. Communications Biology, 2020, 3, 376.	4.4	22
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111	The Shc protein Rai enhances T cell survival under hypoxia. <i>Journal of Cellular Physiology</i> , 2020, 235, 8058-8070.	4.1	3
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121	A Mathematical Model of HIF-1 Regulated Cellular Energy Metabolism. <i>Vietnam Journal of Mathematics</i> , 2021, 49, 119-141.	0.8	3
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129	Recapitulation of In Situ Endochondral Ossification Using an Injectable Hypoxia-Mimetic Hydrogel. Advanced Functional Materials, 2021, 31, 2008515.	14.9	32
130	Mechanisms controlling bacterial infection in myeloid cells under hypoxic conditions. Cellular and Molecular Life Sciences, 2021, 78, 1887-1907.	5.4	11
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135	Intracellular label-free detection of mesenchymal stem cell metabolism within a perivascular niche-on-a-chip. Lab on A Chip, 2021, 21, 1395-1408.	6.0	22
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151	Hypoxia in Breast Cancer—Scientific Translation to Therapeutic and Diagnostic Clinical Applications. Frontiers in Oncology, 2021, 11, 652266.	2.8	35
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153	Transcriptional modulation patterns of abalone Haliotis discus hannai hypoxia inducible factor-1 \pm (HIF-1 \pm) in interdependent crosstalk between hypoxia, infection, and environmental stresses. Aquaculture Reports, 2021, 19, 100566.	1.7	3
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156	A Comparative Transcriptome Analysis of Human and Porcine Choroid Plexus Cells in Response to Streptococcus suis Serotype 2 Infection Points to a Role of Hypoxia. Frontiers in Cellular and Infection Microbiology, 2021, 11, 639620.	3.9	5
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160	Hypoxia-inducible factor activity promotes antitumor effector function and tissue residency by CD8+ T cells. Journal of Clinical Investigation, 2021, 131, .	8.2	66
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164	Hypoxia-dependent signaling in perioperative and critical care medicine. Journal of Anesthesia, 2021, 35, 741-756.	1.7	5

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