

Gregg L Semenza

List of Publications by Year in descending order

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384
papers

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318
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395
all docs

395
docs citations

395
times ranked

83967
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting HIF-1 for cancer therapy. <i>Nature Reviews Cancer</i> , 2003, 3, 721-732.	12.8	6,111
2	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
3	HIF-1-mediated expression of pyruvate dehydrogenase kinase: A metabolic switch required for cellular adaptation to hypoxia. <i>Cell Metabolism</i> , 2006, 3, 177-185.	7.2	3,112
4	Hypoxia-Inducible Factors in Physiology and Medicine. <i>Cell</i> , 2012, 148, 399-408.	13.5	2,540
5	HIF-1: mediator of physiological and pathophysiological responses to hypoxia. <i>Journal of Applied Physiology</i> , 2000, 88, 1474-1480.	1.2	1,855
6	Regulation of Mammalian O ₂ Homeostasis by Hypoxia-Inducible Factor 1. <i>Annual Review of Cell and Developmental Biology</i> , 1999, 15, 551-578.	4.0	1,775
7	Purification and Characterization of Hypoxia-inducible Factor 1. <i>Journal of Biological Chemistry</i> , 1995, 270, 1230-1237.	1.6	1,755
8	Defining the role of hypoxia-inducible factor 1 in cancer biology and therapeutics. <i>Oncogene</i> , 2010, 29, 625-634.	2.6	1,506
9	Hypoxia Response Elements in the Aldolase A, Enolase 1, and Lactate Dehydrogenase A Gene Promoters Contain Essential Binding Sites for Hypoxia-inducible Factor 1. <i>Journal of Biological Chemistry</i> , 1996, 271, 32529-32537.	1.6	1,474
10	Mitochondrial Autophagy Is an HIF-1-dependent Adaptive Metabolic Response to Hypoxia. <i>Journal of Biological Chemistry</i> , 2008, 283, 10892-10903.	1.6	1,424
11	Control of TH17/Treg Balance by Hypoxia-Inducible Factor 1. <i>Cell</i> , 2011, 146, 772-784.	13.5	1,304
12	Hypoxia-inducible factors: mediators of cancer progression and targets for cancer therapy. <i>Trends in Pharmacological Sciences</i> , 2012, 33, 207-214.	4.0	1,271
13	Pyruvate Kinase M2 Is a PHD3-Stimulated Coactivator for Hypoxia-Inducible Factor 1. <i>Cell</i> , 2011, 145, 732-744.	13.5	1,210
14	FIH-1: a novel protein that interacts with HIF-1 α and VHL to mediate repression of HIF-1 transcriptional activity. <i>Genes and Development</i> , 2001, 15, 2675-2686.	2.7	1,203
15	HER2 (neu) Signaling Increases the Rate of Hypoxia-Inducible Factor 1 \pm (HIF-1 \pm) Synthesis: Novel Mechanism for HIF-1-Mediated Vascular Endothelial Growth Factor Expression. <i>Molecular and Cellular Biology</i> , 2001, 21, 3995-4004.	1.1	1,176
16	Inhibition of lactate dehydrogenase A induces oxidative stress and inhibits tumor progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 2037-2042.	3.3	1,150
17	HIF-1: upstream and downstream of cancer metabolism. <i>Current Opinion in Genetics and Development</i> , 2010, 20, 51-56.	1.5	1,119
18	Hypoxia and the extracellular matrix: drivers of tumour metastasis. <i>Nature Reviews Cancer</i> , 2014, 14, 430-439.	12.8	1,110

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19	HIF-1 Regulates Cytochrome Oxidase Subunits to Optimize Efficiency of Respiration in Hypoxic Cells. <i>Cell</i> , 2007, 129, 111-122.	13.5	1,068
20	Signal transduction to hypoxia-inducible factor 1. <i>Biochemical Pharmacology</i> , 2002, 64, 993-998.	2.0	1,058
21	HIF-1 mediates metabolic responses to intratumoral hypoxia and oncogenic mutations. <i>Journal of Clinical Investigation</i> , 2013, 123, 3664-3671.	3.9	1,017
22	Transcriptional regulation of vascular endothelial cell responses to hypoxia by HIF-1. <i>Blood</i> , 2005, 105, 659-669.	0.6	1,012
23	HIF-1 and mechanisms of hypoxia sensing. <i>Current Opinion in Cell Biology</i> , 2001, 13, 167-171.	2.6	1,008
24	Oncogenic alterations of metabolism. <i>Trends in Biochemical Sciences</i> , 1999, 24, 68-72.	3.7	989
25	Hypoxia-inducible factor 1: master regulator of O ₂ homeostasis. <i>Current Opinion in Genetics and Development</i> , 1998, 8, 588-594.	1.5	979
26	Dimerization, DNA Binding, and Transactivation Properties of Hypoxia-inducible Factor 1. <i>Journal of Biological Chemistry</i> , 1996, 271, 17771-17778.	1.6	951
27	HIF-1 and tumor progression: pathophysiology and therapeutics. <i>Trends in Molecular Medicine</i> , 2002, 8, S62-S67.	3.5	915
28	Oxygen Sensing, Hypoxia-Inducible Factors, and Disease Pathophysiology. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2014, 9, 47-71.	9.6	901
29	HIF-1, O ₂ , and the 3 PHDs. <i>Cell</i> , 2001, 107, 1-3.	13.5	886
30	Oxygen Sensing, Homeostasis, and Disease. <i>New England Journal of Medicine</i> , 2011, 365, 537-547.	13.9	877
31	Hypoxia-inducible factor 1: oxygen homeostasis and disease pathophysiology. <i>Trends in Molecular Medicine</i> , 2001, 7, 345-350.	3.5	830
32	Hypoxia induces the breast cancer stem cell phenotype by HIF-dependent and ALKBH5-mediated m ⁶ A-demethylation of NANOG mRNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2047-56.	3.3	807
33	Regulation of tumor angiogenesis by p53-induced degradation of hypoxia-inducible factor 1 α . <i>Genes and Development</i> , 2000, 14, 34-44.	2.7	805
34	HIF-1 Inhibits Mitochondrial Biogenesis and Cellular Respiration in VHL-Deficient Renal Cell Carcinoma by Repression of C-MYC Activity. <i>Cancer Cell</i> , 2007, 11, 407-420.	7.7	760
35	Hydroxylation of HIF-1: Oxygen Sensing at the Molecular Level. <i>Physiology</i> , 2004, 19, 176-182.	1.6	732
36	Hypoxia-Inducible Factor 1 (HIF-1) Pathway. <i>Science's STKE: Signal Transduction Knowledge Environment</i> , 2007, 2007, cm8.	4.1	732

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37	Regulation of Oxygen Homeostasis by Hypoxia-Inducible Factor 1. <i>Physiology</i> , 2009, 24, 97-106.	1.6	728
38	HIF-1 and human disease: one highly involved factor. <i>Genes and Development</i> , 2000, 14, 1983-1991.	2.7	728
39	Insulin-like Growth Factor 1 Induces Hypoxia-inducible Factor 1-mediated Vascular Endothelial Growth Factor Expression, Which is Dependent on MAP Kinase and Phosphatidylinositol 3-Kinase Signaling in Colon Cancer Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 38205-38211.	1.6	700
40	Hypoxia-Inducible Factors: Master Regulators of Cancer Progression. <i>Trends in Cancer</i> , 2016, 2, 758-770.	3.8	678
41	Hypoxia-inducible Factor-1 Mediates Transcriptional Activation of the Heme Oxygenase-1 Gene in Response to Hypoxia. <i>Journal of Biological Chemistry</i> , 1997, 272, 5375-5381.	1.6	670
42	Metabolic Regulation of Hematopoietic Stem Cells in the Hypoxic Niche. <i>Cell Stem Cell</i> , 2011, 9, 298-310.	5.2	670
43	Life with Oxygen. <i>Science</i> , 2007, 318, 62-64.	6.0	630
44	In Vivo Expression of mRNAs Encoding Hypoxia-Inducible Factor 1. <i>Biochemical and Biophysical Research Communications</i> , 1996, 225, 485-488.	1.0	629
45	HIF-1 and human disease: one highly involved factor. <i>Genes and Development</i> , 2000, 14, 1983-91.	2.7	598
46	Impaired physiological responses to chronic hypoxia in mice partially deficient for hypoxia-inducible factor 1 β . <i>Journal of Clinical Investigation</i> , 1999, 103, 691-696.	3.9	592
47	Expression of hypoxia-inducible factor 1 β in brain tumors. <i>Cancer</i> , 2000, 88, 2606-2618.	2.0	570
48	Digoxin and other cardiac glycosides inhibit HIF-1 β synthesis and block tumor growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 19579-19586.	3.3	568
49	Cell Type-Specific Regulation of Angiogenic Growth Factor Gene Expression and Induction of Angiogenesis in Nonischemic Tissue by a Constitutively Active Form of Hypoxia-Inducible Factor 1. <i>Circulation Research</i> , 2003, 93, 1074-1081.	2.0	561
50	Hypoxia: Importance in tumor biology, noninvasive measurement by imaging, and value of its measurement in the management of cancer therapy. <i>International Journal of Radiation Biology</i> , 2006, 82, 699-757.	1.0	561
51	Transactivation and Inhibitory Domains of Hypoxia-inducible Factor 1 β . <i>Journal of Biological Chemistry</i> , 1997, 272, 19253-19260.	1.6	557
52	Hypoxia, Clonal Selection, and the Role of HIF-1 in Tumor Progression. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2000, 35, 71-103.	2.3	557
53	Levels of Hypoxia-Inducible Factor-1 β During Breast Carcinogenesis. <i>Journal of the National Cancer Institute</i> , 2001, 93, 309-314.	3.0	554
54	Hypoxia-Inducible Factor 1 and Dysregulated c-Myc Cooperatively Induce Vascular Endothelial Growth Factor and Metabolic Switches Hexokinase 2 and Pyruvate Dehydrogenase Kinase 1. <i>Molecular and Cellular Biology</i> , 2007, 27, 7381-7393.	1.1	540

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55	Hearts From Rodents Exposed to Intermittent Hypoxia or Erythropoietin Are Protected Against Ischemia-Reperfusion Injury. <i>Circulation</i> , 2003, 108, 79-85.	1.6	533
56	Targeting Stat3 blocks both HIF-1 and VEGF expression induced by multiple oncogenic growth signaling pathways. <i>Oncogene</i> , 2005, 24, 5552-5560.	2.6	523
57	Oxygen-dependent regulation of mitochondrial respiration by hypoxia-inducible factor 1. <i>Biochemical Journal</i> , 2007, 405, 1-9.	1.7	509
58	Adaptive and Maladaptive Cardiorespiratory Responses to Continuous and Intermittent Hypoxia Mediated by Hypoxia-Inducible Factors 1 and 2. <i>Physiological Reviews</i> , 2012, 92, 967-1003.	13.1	502
59	Biologic Correlates of ¹⁸ F-Fluorodeoxyglucose Uptake in Human Breast Cancer Measured by Positron Emission Tomography. <i>Journal of Clinical Oncology</i> , 2002, 20, 379-387.	0.8	483
60	Insulin Stimulates Hypoxia-inducible Factor 1 through a Phosphatidylinositol 3-Kinase/Target of Rapamycin-dependent Signaling Pathway. <i>Journal of Biological Chemistry</i> , 2002, 277, 27975-27981.	1.6	477
61	Levels of hypoxia-inducible factor-1 α independently predict prognosis in patients with lymph node negative breast carcinoma. <i>Cancer</i> , 2003, 97, 1573-1581.	2.0	472
62	Hypoxia-Inducible Factor 1 and Cardiovascular Disease. <i>Annual Review of Physiology</i> , 2014, 76, 39-56.	5.6	470
63	Disruption of oxygen homeostasis underlies congenital Chuvash polycythemia. <i>Nature Genetics</i> , 2002, 32, 614-621.	9.4	469
64	HIF-Dependent Antitumorigenic Effect of Antioxidants In Vivo. <i>Cancer Cell</i> , 2007, 12, 230-238.	7.7	466
65	Regulation of colon carcinoma cell invasion by hypoxia-inducible factor 1. <i>Cancer Research</i> , 2003, 63, 1138-43.	0.4	456
66	Expression of hypoxia-inducible factor 1: mechanisms and consequences. <i>Biochemical Pharmacology</i> , 2000, 59, 47-53.	2.0	451
67	Hypoxia-inducible factor-1-dependent mechanisms of vascularization and vascular remodelling. <i>Cardiovascular Research</i> , 2010, 86, 236-242.	1.8	443
68	Expression of angiogenesis-related molecules in plexiform lesions in severe pulmonary hypertension: evidence for a process of disordered angiogenesis. <i>Journal of Pathology</i> , 2001, 195, 367-374.	2.1	438
69	Acridine inhibits HIF-1 dimerization, tumor growth, and vascularization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 17910-17915.	3.3	426
70	Regulation of angiogenesis by hypoxia-inducible factor 1. <i>Critical Reviews in Oncology/Hematology</i> , 2006, 59, 15-26.	2.0	423
71	RACK1 Competes with HSP90 for Binding to HIF-1 α and Is Required for O ₂ -Independent and HSP90 Inhibitor-Induced Degradation of HIF-1 α . <i>Molecular Cell</i> , 2007, 25, 207-217.	4.5	422
72	Hypoxia-inducible factors are required for chemotherapy resistance of breast cancer stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5429-38.	3.3	419

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73	The hypoxic tumor microenvironment: A driving force for breast cancer progression. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 382-391.	1.9	418
74	Regulation of cancer cell metabolism by hypoxia-inducible factor 1. <i>Seminars in Cancer Biology</i> , 2009, 19, 12-16.	4.3	410
75	Hypoxia-inducible Factor 1 (HIF-1) Promotes Extracellular Matrix Remodeling under Hypoxic Conditions by Inducing P4HA1, P4HA2, and PLOD2 Expression in Fibroblasts. <i>Journal of Biological Chemistry</i> , 2013, 288, 10819-10829.	1.6	406
76	Hypoxia-Inducible Factor-1-Dependent Repression of E-cadherin in von Hippel-Lindau Tumor Suppressor [±] Null Renal Cell Carcinoma Mediated by TCF3, ZFHX1A, and ZFHX1B. <i>Cancer Research</i> , 2006, 66, 2725-2731.	0.4	388
77	Hypoxia-inducible factor 1: Regulator of mitochondrial metabolism and mediator of ischemic preconditioning. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 1263-1268.	1.9	380
78	Induction of hypoxia-inducible factor-1 (HIF-1) and its target genes following focal ischaemia in rat brain. <i>European Journal of Neuroscience</i> , 1999, 11, 4159-4170.	1.2	377
79	Hypoxia-inducible factor 1 is a master regulator of breast cancer metastatic niche formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16369-16374.	3.3	375
80	Defective Vascularization of HIF-1 [±] -Null Embryos Is Not Associated with VEGF Deficiency but with Mesenchymal Cell Death. <i>Developmental Biology</i> , 1999, 209, 254-267.	0.9	372
81	Role of hypoxia-inducible factor-1 in hypoxia-induced ischemic tolerance in neonatal rat brain. <i>Annals of Neurology</i> , 2000, 48, 285-296.	2.8	370
82	Hypoxia-inducible factors and RAB22A mediate formation of microvesicles that stimulate breast cancer invasion and metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3234-42.	3.3	367
83	HIF-1 [±] , pimonidazole, and iododeoxyuridine to estimate hypoxia and perfusion in human head-and-neck tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2002, 54, 1537-1549.	0.4	364
84	Perspectives on Oxygen Sensing. <i>Cell</i> , 1999, 98, 281-284.	13.5	363
85	Angiogenesis Ischemic and Neoplastic Disorders. <i>Annual Review of Medicine</i> , 2003, 54, 17-28.	5.0	359
86	Evaluation of HIF-1 inhibitors as anticancer agents. <i>Drug Discovery Today</i> , 2007, 12, 853-859.	3.2	355
87	HIF-1 [±] , STAT3, CBP/p300 and Ref-1/APE are components of a transcriptional complex that regulates Src-dependent hypoxia-induced expression of VEGF in pancreatic and prostate carcinomas. <i>Oncogene</i> , 2005, 24, 3110-3120.	2.6	353
88	Heterozygous HIF-1 [±] deficiency impairs carotid body-mediated systemic responses and reactive oxygen species generation in mice exposed to intermittent hypoxia. <i>Journal of Physiology</i> , 2006, 577, 705-716.	1.3	339
89	Hypoxia Inhibits G1/S Transition through Regulation of p27 Expression. <i>Journal of Biological Chemistry</i> , 2001, 276, 7919-7926.	1.6	322
90	A genetic mechanism for Tibetan high-altitude adaptation. <i>Nature Genetics</i> , 2014, 46, 951-956.	9.4	322

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91	Hypoxia Inducible Factor 1 Mediates Hypoxia-Induced TRPC Expression and Elevated Intracellular Ca ²⁺ in Pulmonary Arterial Smooth Muscle Cells. <i>Circulation Research</i> , 2006, 98, 1528-1537.	2.0	321
92	Regulation of Osteogenesis-Angiogenesis Coupling by HIFs and VEGF. <i>Journal of Bone and Mineral Research</i> , 2009, 24, 1347-1353.	3.1	321
93	HIF-1 regulates CD47 expression in breast cancer cells to promote evasion of phagocytosis and maintenance of cancer stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6215-23.	3.3	299
94	Induction of HIF-1 α expression by intermittent hypoxia: Involvement of NADPH oxidase, Ca ²⁺ signaling, prolyl hydroxylases, and mTOR. <i>Journal of Cellular Physiology</i> , 2008, 217, 674-685.	2.0	294
95	Oxygen homeostasis. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2010, 2, 336-361.	6.6	288
96	Emerging roles of PKM2 in cell metabolism and cancer progression. <i>Trends in Endocrinology and Metabolism</i> , 2012, 23, 560-566.	3.1	284
97	Anthracycline chemotherapy inhibits HIF-1 transcriptional activity and tumor-induced mobilization of circulating angiogenic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2353-2358.	3.3	275
98	Vasculogenesis, angiogenesis, and arteriogenesis: Mechanisms of blood vessel formation and remodeling. <i>Journal of Cellular Biochemistry</i> , 2007, 102, 840-847.	1.2	269
99	Hypoxia-inducible factors: coupling glucose metabolism and redox regulation with induction of the breast cancer stem cell phenotype. <i>EMBO Journal</i> , 2017, 36, 252-259.	3.5	267
100	Effects of Aging and Hypoxia-Inducible Factor-1 Activity on Angiogenic Cell Mobilization and Recovery of Perfusion After Limb Ischemia. <i>Circulation Research</i> , 2007, 101, 1310-1318.	2.0	266
101	The Ubiquitin Ligase Stub1 Negatively Modulates Regulatory T Cell Suppressive Activity by Promoting Degradation of the Transcription Factor Foxp3. <i>Immunity</i> , 2013, 39, 272-285.	6.6	260
102	HIF-1-Mediated Suppression of Acyl-CoA Dehydrogenases and Fatty Acid Oxidation Is Critical for Cancer Progression. <i>Cell Reports</i> , 2014, 8, 1930-1942.	2.9	258
103	Age-dependent Defect in Vascular Endothelial Growth Factor Expression Is Associated with Reduced Hypoxia-inducible Factor 1 Activity. <i>Journal of Biological Chemistry</i> , 2000, 275, 29643-29647.	1.6	256
104	HIF-1 mediates the Warburg effect in clear cell renal carcinoma. <i>Journal of Bioenergetics and Biomembranes</i> , 2007, 39, 231-234.	1.0	255
105	HIF and the Lung. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 152-156.	2.5	255
106	Tumor metabolism: cancer cells give and take lactate. <i>Journal of Clinical Investigation</i> , 2008, 118, 3835-7.	3.9	254
107	Surviving ischemia: adaptive responses mediated by hypoxia-inducible factor 1. <i>Journal of Clinical Investigation</i> , 2000, 106, 809-812.	3.9	252
108	Collagen Prolyl Hydroxylases Are Essential for Breast Cancer Metastasis. <i>Cancer Research</i> , 2013, 73, 3285-3296.	0.4	251

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109	Stromal Cell-Derived Factor-1 and CXCR4 Expression in Hemangioblastoma and Clear Cell-Renal Cell Carcinoma: von Hippel-Lindau Loss-of-Function Induces Expression of a Ligand and Its Receptor. <i>Cancer Research</i> , 2005, 65, 6178-6188.	0.4	250
110	Defective carotid body function and impaired ventilatory responses to chronic hypoxia in mice partially deficient for hypoxia-inducible factor 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 821-826.	3.3	243
111	O ₂ -regulated gene expression: transcriptional control of cardiorespiratory physiology by HIF-1. <i>Journal of Applied Physiology</i> , 2004, 96, 1173-1177.	1.2	242
112	Chemotherapy induces enrichment of CD47 /CD73 /PDL1 immune evasive triple-negative breast cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1239-E1248.	3.3	238
113	Hypoxia-Inducible Factor 1: Control of Oxygen Homeostasis in Health and Disease. <i>Pediatric Research</i> , 2001, 49, 614-617.	1.1	235
114	Vascular endothelial growth factor gene expression in colon cancer cells exposed to prostaglandin E2 is mediated by hypoxia-inducible factor 1. <i>Cancer Research</i> , 2003, 63, 2330-4.	0.4	234
115	Role of Hypoxia-Inducible Factor 1 in Gastric Cancer Cell Growth, Angiogenesis, and Vessel Maturation. <i>Journal of the National Cancer Institute</i> , 2004, 96, 946-956.	3.0	228
116	Role of hypoxia-inducible factors in breast cancer metastasis. <i>Future Oncology</i> , 2013, 9, 1623-1636.	1.1	225
117	Temporal, spatial, and oxygen-regulated expression of hypoxia-inducible factor-1 in the lung. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1998, 275, L818-L826.	1.3	223
118	Hypoxia, HIF-1, and the Pathophysiology of Common Human Diseases. , 2000, 475, 123-130.		217
119	Procollagen Lysyl Hydroxylase 2 Is Essential for Hypoxia-Induced Breast Cancer Metastasis. <i>Molecular Cancer Research</i> , 2013, 11, 456-466.	1.5	216
120	HIF-1: using two hands to flip the angiogenic switch. <i>Cancer and Metastasis Reviews</i> , 2000, 19, 59-65.	2.7	215
121	Regulation of hypoxia-inducible factor 1 by prolyl and asparaginyl hydroxylases. <i>Biochemical and Biophysical Research Communications</i> , 2005, 338, 610-616.	1.0	215
122	Hypoxia-inducible factors regulate pluripotency factor expression by ZNF217- and ALKBH5-mediated modulation of RNA methylation in breast cancer cells. <i>Oncotarget</i> , 2016, 7, 64527-64542.	0.8	215
123	Complete loss of ischaemic preconditioning-induced cardioprotection in mice with partial deficiency of HIF-1. <i>Cardiovascular Research</i> , 2007, 77, 463-470.	1.8	214
124	Carbon Monoxide and Nitric Oxide Suppress the Hypoxic Induction of Vascular Endothelial Growth Factor Gene via the 5' Enhancer. <i>Journal of Biological Chemistry</i> , 1998, 273, 15257-15262.	1.6	210
125	Regulation of cell proliferation by hypoxia-inducible factors. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 309, C775-C782.	2.1	209
126	Ca ²⁺ /Calmodulin Kinase-dependent Activation of Hypoxia Inducible Factor 1 Transcriptional Activity in Cells Subjected to Intermittent Hypoxia. <i>Journal of Biological Chemistry</i> , 2005, 280, 4321-4328.	1.6	208

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127	Hypoxia-induced resistance to anticancer drugs is associated with decreased senescence and requires hypoxia-inducible factor-1 activity. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 1961-1973.	1.9	205
128	Chemotherapy triggers HIF-1 α -dependent glutathione synthesis and copper chelation that induces the breast cancer stem cell phenotype. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4600-9.	3.3	205
129	OS-9 Interacts with Hypoxia-Inducible Factor 1 α and Prolyl Hydroxylases to Promote Oxygen-Dependent Degradation of HIF-1 α . <i>Molecular Cell</i> , 2005, 17, 503-512.	4.5	203
130	Hsp70 and CHIP Selectively Mediate Ubiquitination and Degradation of Hypoxia-inducible Factor (HIF)-1 α but Not HIF-2 α . <i>Journal of Biological Chemistry</i> , 2010, 285, 3651-3663.	1.6	201
131	PHGDH Expression Is Required for Mitochondrial Redox Homeostasis, Breast Cancer Stem Cell Maintenance, and Lung Metastasis. <i>Cancer Research</i> , 2016, 76, 4430-4442.	0.4	201
132	Abnormal B lymphocyte development and autoimmunity in hypoxia-inducible factor 1 α -deficient chimeric mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 2170-2174.	3.3	200
133	Intratumoral hypoxia, radiation resistance, and HIF-1. <i>Cancer Cell</i> , 2004, 5, 405-406.	7.7	199
134	Histone demethylase JMJD2C is a coactivator for hypoxia-inducible factor 1 that is required for breast cancer progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E3367-76.	3.3	196
135	Involvement of oxygen-sensing pathways in physiologic and pathologic erythropoiesis. <i>Blood</i> , 2009, 114, 2015-2019.	0.6	195
136	Chaperone-mediated Autophagy Targets Hypoxia-inducible Factor-1 α (HIF-1 α) for Lysosomal Degradation. <i>Journal of Biological Chemistry</i> , 2013, 288, 10703-10714.	1.6	195
137	Nitric Oxide Induces Hypoxia-inducible Factor 1 Activation That Is Dependent on MAPK and Phosphatidylinositol 3-Kinase Signaling. <i>Journal of Biological Chemistry</i> , 2004, 279, 2550-2558.	1.6	193
138	Pharmacologic Targeting of Hypoxia-Inducible Factors. <i>Annual Review of Pharmacology and Toxicology</i> , 2019, 59, 379-403.	4.2	193
139	Hypoxia-inducible Factor-1 Deficiency Results in Dysregulated Erythropoiesis Signaling and Iron Homeostasis in Mouse Development. <i>Journal of Biological Chemistry</i> , 2006, 281, 25703-25711.	1.6	191
140	Inhibitors of hypoxia-inducible factor 1 block breast cancer metastatic niche formation and lung metastasis. <i>Journal of Molecular Medicine</i> , 2012, 90, 803-815.	1.7	191
141	Involvement of Hypoxia-Inducible Factor 1 in Human Cancer.. <i>Internal Medicine</i> , 2002, 41, 79-83.	0.3	187
142	Partial HIF-1 α deficiency impairs pulmonary arterial myocyte electrophysiological responses to hypoxia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2001, 281, L202-L208.	1.3	184
143	Phosphatidylinositol-3-Kinase Signaling Is Required for Erythropoietin-Mediated Acute Protection Against Myocardial Ischemia/Reperfusion Injury. <i>Circulation</i> , 2004, 109, 2050-2053.	1.6	184
144	Molecular mechanisms mediating metastasis of hypoxic breast cancer cells. <i>Trends in Molecular Medicine</i> , 2012, 18, 534-543.	3.5	184

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145	Hypoxia-inducible factor 1-dependent expression of platelet-derived growth factor B promotes lymphatic metastasis of hypoxic breast cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E2707-16.	3.3	180
146	Combination therapy with BPTES nanoparticles and metformin targets the metabolic heterogeneity of pancreatic cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5328-36.	3.3	180
147	Hypoxia-inducible factor 1 mediates increased expression of NADPH oxidase in response to intermittent hypoxia. <i>Journal of Cellular Physiology</i> , 2011, 226, 2925-2933.	2.0	177
148	Cancer-stromal cell interactions mediated by hypoxia-inducible factors promote angiogenesis, lymphangiogenesis, and metastasis. <i>Oncogene</i> , 2013, 32, 4057-4063.	2.6	177
149	HIF-1 regulates hypoxic induction of NHE1 expression and alkalinization of intracellular pH in pulmonary arterial myocytes. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006, 291, L941-L949.	1.3	175
150	Hypoxia-Inducible Factor 1 Regulates Vascular Endothelial Growth Factor Expression in Human Pancreatic Cancer. <i>Pancreas</i> , 2003, 26, 56-64.	0.5	174
151	Hypoxia induces type II NOS gene expression in pulmonary artery endothelial cells via HIF-1. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1998, 274, L212-L219.	1.3	172
152	Up-regulation of hypoxia-inducible factor 1 is an early event in prostate carcinogenesis. <i>Cancer Detection and Prevention</i> , 2004, 28, 88-93.	2.1	171
153	Hypoxia-inducible factor 1 and breast cancer metastasis. <i>Journal of Zhejiang University: Science B</i> , 2015, 16, 32-43.	1.3	171
154	Hypoxia-inducible factor-dependent breast cancer-mesenchymal stem cell bidirectional signaling promotes metastasis. <i>Journal of Clinical Investigation</i> , 2013, 123, 189-205.	3.9	171
155	Hypoxia-inducible factor-dependent signaling between triple-negative breast cancer cells and mesenchymal stem cells promotes macrophage recruitment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E2120-9.	3.3	170
156	Hypoxia-inducible factors mediate coordinated RhoA-ROCK1 expression and signaling in breast cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E384-93.	3.3	165
157	Pyruvate kinase M2 regulates glucose metabolism by functioning as a coactivator for hypoxia-inducible factor 1 in cancer cells. <i>Oncotarget</i> , 2011, 2, 551-556.	0.8	164
158	The Human Hypoxia-Inducible Factor 1 Gene: HIF1A Structure and Evolutionary Conservation. <i>Genomics</i> , 1998, 52, 159-165.	1.3	163
159	Regulation of physiological responses to continuous and intermittent hypoxia by hypoxia-inducible factor 1. <i>Experimental Physiology</i> , 2006, 91, 803-806.	0.9	155
160	Hypoxia and cancer. <i>Cancer and Metastasis Reviews</i> , 2007, 26, 223-224.	2.7	155
161	Chronic Intermittent Hypoxia Induces Atherosclerosis via Activation of Adipose Angiopoietin-like 4. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 240-248.	2.5	155
162	Oxygen Sensing and Homeostasis. <i>Physiology</i> , 2015, 30, 340-348.	1.6	154

#	ARTICLE	IF	CITATIONS
163	Altered metabolic responses to intermittent hypoxia in mice with partial deficiency of hypoxia-inducible factor-1 \pm . <i>Physiological Genomics</i> , 2006, 25, 450-457.	1.0	153
164	â€˜The Metabolism of Tumoursâ€™™: 70 Years Later. <i>Novartis Foundation Symposium</i> , 2008, , 251-264.	1.2	152
165	Negative Regulation of Hypoxic Responses via Induced Reptin Methylation. <i>Molecular Cell</i> , 2010, 39, 71-85.	4.5	152
166	Ageâ€ˆdependent impairment of HIFâ€ˆ1 \pm expression in diabetic mice: Correction with electroporationâ€ˆfacilitated gene therapy increases wound healing, angiogenesis, and circulating angiogenic cells. <i>Journal of Cellular Physiology</i> , 2008, 217, 319-327.	2.0	151
167	Rac1 Activity Is Required for the Activation of Hypoxia-inducible Factor 1. <i>Journal of Biological Chemistry</i> , 2001, 276, 21166-21172.	1.6	149
168	Hypoxia-inducible factor 1 is required for remote ischemic preconditioning of the heart. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17462-17467.	3.3	149
169	Hypoxia-inducible factors: cancer progression and clinical translation. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	148
170	Hypoxiaâ€ˆinducible factor 1 and cancer pathogenesis. <i>IUBMB Life</i> , 2008, 60, 591-597.	1.5	145
171	Oxygen-regulated transcription factors and their role in pulmonary disease. <i>Respiratory Research</i> , 2000, 1, 159-62.	1.4	142
172	Cardiac hypertrophy in chronically anemic fetal sheep: Increased vascularization is associated with increased myocardial expression of vascular endothelial growth factor and hypoxia-inducible factor 1. <i>American Journal of Obstetrics and Gynecology</i> , 1998, 178, 527-534.	0.7	141
173	Regulation of hypoxia-induced angiogenesis: a chaperone escorts VEGF to the dance. <i>Journal of Clinical Investigation</i> , 2001, 108, 39-40.	3.9	140
174	Hypoxia-Inducible Factor 1 \pm Polymorphism and Coronary Collaterals in Patients With Ischemic Heart Disease. <i>Chest</i> , 2005, 128, 787-791.	0.4	138
175	Hypoxia-inducible factorâ€ˆdependent breast cancerâ€ˆmesenchymal stem cell bidirectional signaling promotes metastasis. <i>Journal of Clinical Investigation</i> , 2013, 123, 1402-1402.	3.9	137
176	Up-regulation of Apoptosis Inhibitory Protein IAP-2 by Hypoxia. <i>Journal of Biological Chemistry</i> , 2001, 276, 18702-18709.	1.6	136
177	Expression of Vascular Endothelial Growth Factor Receptor 1 in Bone Marrow-derived Mesenchymal Cells Is Dependent on Hypoxia-inducible Factor 1*. <i>Journal of Biological Chemistry</i> , 2006, 281, 15554-15563.	1.6	136
178	LPS Induces Hypoxia-Inducible Factor 1 Activation in Macrophage-Differentiated Cells in a Reactive Oxygen Speciesâ€ˆDependent Manner. <i>Antioxidants and Redox Signaling</i> , 2008, 10, 983-996.	2.5	136
179	Vascular Responses to Hypoxia and Ischemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 648-652.	1.1	135
180	Metabolic adaptation of cancer and immune cells mediated by hypoxia-inducible factors. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2018, 1870, 15-22.	3.3	134

#	ARTICLE	IF	CITATIONS
181	Adenoviral transfer of HIF-1 α enhances vascular responses to critical limb ischemia in diabetic mice. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 18769-18774.	3.3	131
182	RACK1 vs. HSP90: Competition for HIF-1 α Degradation vs. Stabilization. Cell Cycle, 2007, 6, 656-659.	1.3	129
183	Chemotherapy-Induced Ca ²⁺ Release Stimulates Breast Cancer Stem Cell Enrichment. Cell Reports, 2017, 18, 1946-1957.	2.9	129
184	Glutaminase 1 expression in colorectal cancer cells is induced by hypoxia and required for tumor growth, invasion, and metastatic colonization. Cell Death and Disease, 2019, 10, 40.	2.7	129
185	Sirtuin-7 Inhibits the Activity of Hypoxia-inducible Factors. Journal of Biological Chemistry, 2013, 288, 20768-20775.	1.6	127
186	HIF-1 α -Dependent Respiratory, Cardiovascular, and Redox Responses to Chronic Intermittent Hypoxia. Antioxidants and Redox Signaling, 2007, 9, 1391-1396.	2.5	126
187	Hypoxic retinal Müller cells promote vascular permeability by HIF-1 α -dependent up-regulation of angiopoietin-like 4. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E3425-34.	3.3	126
188	Calcineurin Promotes Hypoxia-inducible Factor 1 α Expression by Dephosphorylating RACK1 and Blocking RACK1 Dimerization. Journal of Biological Chemistry, 2007, 282, 37064-37073.	1.6	125
189	Hypoxia Regulates CD44 and Its Variant Isoforms through HIF-1 α in Triple Negative Breast Cancer. PLoS ONE, 2012, 7, e44078.	1.1	125
190	Endothelial expression of hypoxia-inducible factor 1 protects the murine heart and aorta from pressure overload by suppression of TGF- β 2 signaling. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E841-50.	3.3	124
191	Constitutively active HIF-1 α improves perfusion and arterial remodeling in an endovascular model of limb ischemia. Cardiovascular Research, 2005, 68, 144-154.	1.8	122
192	ROS Signaling in Systemic and Cellular Responses to Chronic Intermittent Hypoxia. Antioxidants and Redox Signaling, 2007, 9, 1397-1404.	2.5	121
193	HIF-1 mediates pathogenic inflammatory responses to intestinal ischemia-reperfusion injury. American Journal of Physiology - Renal Physiology, 2010, 299, G833-G843.	1.6	121
194	Epigenetic regulation of hypoxic sensing disrupts cardiorespiratory homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2515-2520.	3.3	120
195	HIF-1 α -targeted pathways are activated by heat acclimation and contribute to acclimation-ischemic cross-tolerance in the heart. Physiological Genomics, 2005, 23, 79-88.	1.0	119
196	Hypoxia-inducible factor 1-dependent expression of adenosine receptor 2B promotes breast cancer stem cell enrichment. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9640-E9648.	3.3	116
197	Synergistic effect of HIF-1 α gene therapy and HIF-1-activated bone marrow-derived angiogenic cells in a mouse model of limb ischemia. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20399-20404.	3.3	115
198	Selective Inhibition of Hypoxia-Inducible Factor (HIF) Prolyl-Hydroxylase 1 Mediates Neuroprotection against Normoxic Oxidative Death via HIF- and CREB-Independent Pathways. Journal of Neuroscience, 2009, 29, 8828-8838.	1.7	115

#	ARTICLE	IF	CITATIONS
199	VEGF Secreted by Hypoxic Müller Cells Induces MMP-2 Expression and Activity in Endothelial Cells to Promote Retinal Neovascularization in Proliferative Diabetic Retinopathy. <i>Diabetes</i> , 2013, 62, 3863-3873.	0.3	111
200	Development of novel therapeutic strategies that target HIF-1. <i>Expert Opinion on Therapeutic Targets</i> , 2006, 10, 267-280.	1.5	110
201	Activation of hypoxia-inducible factor 1 during macrophage differentiation. <i>American Journal of Physiology - Cell Physiology</i> , 2006, 291, C104-C113.	2.1	110
202	Regulation of Cardiovascular Development and Physiology by Hypoxia-Inducible Factor 1a. <i>Annals of the New York Academy of Sciences</i> , 1999, 874, 262-268.	1.8	109
203	Endothelin-1 mediates hypoxia-induced inhibition of voltage-gated K ⁺ channel expression in pulmonary arterial myocytes. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 294, L309-L318.	1.3	104
204	Hypoxia-inducible factor 2 [±] (HIF-2 [±]) heterozygous-null mice exhibit exaggerated carotid body sensitivity to hypoxia, breathing instability, and hypertension. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 3065-3070.	3.3	104
205	HIF-1 Inhibitors for Cancer Therapy: From Gene Expression to Drug Discovery. <i>Current Pharmaceutical Design</i> , 2009, 15, 3839-3843.	0.9	102
206	Hypoxia-inducible factor 1 upregulation of both VEGF and ANGPTL4 is required to promote the angiogenic phenotype in uveal melanoma. <i>Oncotarget</i> , 2016, 7, 7816-7828.	0.8	102
207	Digoxin inhibits retinal ischemia-induced HIF-1 [±] expression and ocular neovascularization. <i>FASEB Journal</i> , 2010, 24, 1759-1767.	0.2	101
208	Protein kinase G-regulated production of H ₂ S governs oxygen sensing. <i>Science Signaling</i> , 2015, 8, ra37.	1.6	101
209	Hypoxia-inducible factor 1 mediates TAZ expression and nuclear localization to induce the breast cancer stem cell phenotype. <i>Oncotarget</i> , 2014, 5, 12509-12527.	0.8	100
210	Hypoxia Selectively Enhances Integrin $\alpha 5 \beta 1$ Receptor Expression in Breast Cancer to Promote Metastasis. <i>Molecular Cancer Research</i> , 2017, 15, 723-734.	1.5	99
211	Ganetespib blocks HIF-1 activity and inhibits tumor growth, vascularization, stem cell maintenance, invasion, and metastasis in orthotopic mouse models of triple-negative breast cancer. <i>Journal of Molecular Medicine</i> , 2014, 92, 151-164.	1.7	98
212	Angiopoietin-like 4 is a potent angiogenic factor and a novel therapeutic target for patients with proliferative diabetic retinopathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E3030-9.	3.3	98
213	Regulation of Gene Expression by HIF-1. <i>Novartis Foundation Symposium</i> , 0, , 2-14.	1.2	97
214	Macrophage Migration Inhibitory Factor Activates Hypoxia-Inducible Factor in a p53-Dependent Manner. <i>PLoS ONE</i> , 2008, 3, e2215.	1.1	96
215	A Nontranscriptional Role for HIF-1 [±] as a Direct Inhibitor of DNA Replication. <i>Science Signaling</i> , 2013, 6, ra10.	1.6	95
216	Adenovirus-mediated HIF-1 [±] gene transfer promotes repair of mouse airway allograft microvasculature and attenuates chronic rejection. <i>Journal of Clinical Investigation</i> , 2011, 121, 2336-2349.	3.9	95

#	ARTICLE	IF	CITATIONS
217	PTEN Activity Is Modulated During Ischemia and Reperfusion. <i>Circulation Research</i> , 2005, 97, 1351-1359.	2.0	93
218	Digoxin inhibits development of hypoxic pulmonary hypertension in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 1239-1244.	3.3	91
219	Methylation of hypoxia-inducible factor (HIF)-1 α by G9a/GLP inhibits HIF-1 transcriptional activity and cell migration. <i>Nucleic Acids Research</i> , 2018, 46, 6576-6591.	6.5	90
220	Hypoxia-inducible factor 1 transcriptional activity in endothelial cells is required for acute phase cardioprotection induced by ischemic preconditioning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10504-10509.	3.3	89
221	Maintenance of redox homeostasis by hypoxia-inducible factors. <i>Redox Biology</i> , 2017, 13, 331-335.	3.9	86
222	Mersalyl Is a Novel Inducer of Vascular Endothelial Growth Factor Gene Expression and Hypoxia-Inducible Factor 1 Activity. <i>Molecular Pharmacology</i> , 1998, 54, 749-754.	1.0	85
223	Selective Killing of Hypoxia-Inducible Factor-1 α -Active Cells Improves Survival in a Mouse Model of Invasive and Metastatic Pancreatic Cancer. <i>Clinical Cancer Research</i> , 2009, 15, 3433-3441.	3.2	84
224	Cyclin-dependent kinases regulate lysosomal degradation of hypoxia-inducible factor 1 α to promote cell-cycle progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3325-34.	3.3	83
225	Differentiation Stage-Specific Requirement in Hypoxia-Inducible Factor-1 α -Regulated Glycolytic Pathway during Murine B Cell Development in Bone Marrow. <i>Journal of Immunology</i> , 2010, 184, 154-163.	0.4	81
226	A compendium of proteins that interact with HIF-1 α . <i>Experimental Cell Research</i> , 2017, 356, 128-135.	1.2	81
227	MCM Proteins Are Negative Regulators of Hypoxia-Inducible Factor 1. <i>Molecular Cell</i> , 2011, 42, 700-712.	4.5	80
228	KSHV induces aerobic glycolysis and angiogenesis through HIF-1-dependent upregulation of pyruvate kinase 2 in Kaposi's sarcoma. <i>Angiogenesis</i> , 2015, 18, 477-488.	3.7	78
229	A RASSF1A-HIF1 α loop drives Warburg effect in cancer and pulmonary hypertension. <i>Nature Communications</i> , 2019, 10, 2130.	5.8	77
230	HIF-1 α Activation by Intermittent Hypoxia Requires NADPH Oxidase Stimulation by Xanthine Oxidase. <i>PLoS ONE</i> , 2015, 10, e0119762.	1.1	77
231	Protein kinase A-dependent phosphorylation stimulates the transcriptional activity of hypoxia-inducible factor 1. <i>Science Signaling</i> , 2016, 9, ra56.	1.6	76
232	Hypoxia. Cross talk between oxygen sensing and the cell cycle machinery. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 301, C550-C552.	2.1	75
233	Regulation of hypoxia-inducible factor isoforms and redox state by carotid body neural activity in rats. <i>Journal of Physiology</i> , 2014, 592, 3841-3858.	1.3	75
234	Mutual antagonism between hypoxia-inducible factors 1 α and 2 α regulates oxygen sensing and cardio-respiratory homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E1788-96.	3.3	73

#	ARTICLE	IF	CITATIONS
235	Chemotherapy-induced S100A10 recruits KDM6A to facilitate OCT4-mediated breast cancer stemness. <i>Journal of Clinical Investigation</i> , 2020, 130, 4607-4623.	3.9	73
236	Analysis of Hypoxia-Induced Metabolic Reprogramming. <i>Methods in Enzymology</i> , 2014, 542, 425-455.	0.4	72
237	Mitochondrial autophagy: Life and breath of the cell. <i>Autophagy</i> , 2008, 4, 534-536.	4.3	71
238	The Genomics and Genetics of Oxygen Homeostasis. <i>Annual Review of Genomics and Human Genetics</i> , 2020, 21, 183-204.	2.5	71
239	Involvement of Hypoxia-Inducible Factor 1 in Pulmonary Pathophysiology. <i>Chest</i> , 2005, 128, 592S-594S.	0.4	67
240	Impaired angiogenesis and mobilization of circulating angiogenic cells in HIF-1 [±] heterozygous-null mice after burn wounding. <i>Wound Repair and Regeneration</i> , 2010, 18, 193-201.	1.5	67
241	Gaseous messengers in oxygen sensing. <i>Journal of Molecular Medicine</i> , 2012, 90, 265-272.	1.7	65
242	Complementary roles of gasotransmitters CO and H ₂ S in sleep apnea. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1413-1418.	3.3	65
243	Reciprocal Regulation of DUSP9 and DUSP16 Expression by HIF1 Controls ERK and p38 MAP Kinase Activity and Mediates Chemotherapy-Induced Breast Cancer Stem Cell Enrichment. <i>Cancer Research</i> , 2018, 78, 4191-4202.	0.4	65
244	Regulation of gene expression by HIF-1. <i>Novartis Foundation Symposium</i> , 2006, 272, 2-8; discussion 8-14, 33-6.	1.2	64
245	Sustained delivery of a HIF-1 antagonist for ocular neovascularization. <i>Journal of Controlled Release</i> , 2013, 172, 625-633.	4.8	63
246	Dynamic regulation of stem cell specification and maintenance by hypoxia-inducible factors. <i>Molecular Aspects of Medicine</i> , 2016, 47-48, 15-23.	2.7	62
247	Epigenetic changes by DNA methylation in chronic and intermittent hypoxia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L1096-L1100.	1.3	61
248	Spermidine/Spermine N1-Acetyltransferase-1 Binds to Hypoxia-inducible Factor-1 [±] (HIF-1 [±]) and RACK1 and Promotes Ubiquitination and Degradation of HIF-1 [±] . <i>Journal of Biological Chemistry</i> , 2007, 282, 33358-33366.	1.6	60
249	Matrix Rigidity Controls Endothelial Differentiation and Morphogenesis of Cardiac Precursors. <i>Science Signaling</i> , 2012, 5, ra41.	1.6	60
250	Decreased Expression of Cystathionine β -Synthase Promotes Glioma Tumorigenesis. <i>Molecular Cancer Research</i> , 2014, 12, 1398-1406.	1.5	59
251	HIF-1 [±] and TAZ serve as reciprocal co-activators in human breast cancer cells. <i>Oncotarget</i> , 2015, 6, 11768-11778.	0.8	59
252	Partial rescue of defects in Cited2-deficient embryos by HIF-1 [±] heterozygosity. <i>Developmental Biology</i> , 2007, 301, 130-140.	0.9	58

#	ARTICLE	IF	CITATIONS
253	Hypoxia-inducible factor plays a gut-injurious role in intestinal ischemia reperfusion injury. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 300, G853-G861.	1.6	58
254	Metabolic reprogramming by HIF-1 promotes the survival of bone marrow-derived angiogenic cells in ischemic tissue. <i>Blood</i> , 2011, 117, 4988-4998.	0.6	57
255	The role of hypoxia-inducible factors in carotid body (patho) physiology. <i>Journal of Physiology</i> , 2018, 596, 2977-2983.	1.3	57
256	Spermidine/Spermine-N1-Acetyltransferase 2 Is an Essential Component of the Ubiquitin Ligase Complex That Regulates Hypoxia-inducible Factor 1 \pm . <i>Journal of Biological Chemistry</i> , 2007, 282, 23572-23580.	1.6	56
257	Neural regulation of hypoxia-inducible factors and redox state drives the pathogenesis of hypertension in a rodent model of sleep apnea. <i>Journal of Applied Physiology</i> , 2015, 119, 1152-1156.	1.2	56
258	Hypoxia inducible factor-1-dependent up-regulation of BMP4 mediates hypoxia-induced increase of TRPC expression in PSMCs. <i>Cardiovascular Research</i> , 2015, 107, 108-118.	1.8	56
259	Hypoxia-inducible factors enhance glutamate signaling in cancer cells. <i>Oncotarget</i> , 2014, 5, 8853-8868.	0.8	56
260	Identification of Chemical Compounds that Induce HIF-1 \pm Activity. <i>Toxicological Sciences</i> , 2009, 112, 153-163.	1.4	55
261	T-Cell Activation under Hypoxic Conditions Enhances IFN- γ Secretion. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010, 42, 123-128.	1.4	54
262	Targeting hypoxia-inducible factor 1 to stimulate tissue vascularization. <i>Journal of Investigative Medicine</i> , 2016, 64, 361-363.	0.7	54
263	Hypoxia-inducible factors promote breast cancer stem cell specification and maintenance in response to hypoxia or cytotoxic chemotherapy. <i>Advances in Cancer Research</i> , 2019, 141, 175-212.	1.9	54
264	Induction of Hypoxia-inducible Factor 1 Activity by Muscarinic Acetylcholine Receptor Signaling. <i>Journal of Biological Chemistry</i> , 2004, 279, 41521-41528.	1.6	53
265	Systems biology of oxygen homeostasis. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2017, 9, e1382.	6.6	53
266	Epigenetic regulation of redox state mediates persistent cardiorespiratory abnormalities after long-term intermittent hypoxia. <i>Journal of Physiology</i> , 2017, 595, 63-77.	1.3	53
267	Regulation of tissue perfusion in mammals by hypoxia-inducible factor 1. <i>Experimental Physiology</i> , 2007, 92, 988-991.	0.9	52
268	Aging impairs the mobilization and homing of bone marrow-derived angiogenic cells to burn wounds. <i>Journal of Molecular Medicine</i> , 2011, 89, 985-995.	1.7	51
269	Transcriptional regulation of gene expression: Mechanisms and pathophysiology. <i>Human Mutation</i> , 1994, 3, 180-199.	1.1	50
270	HIF-1 \pm is required for development of the sympathetic nervous system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13414-13423.	3.3	50

#	ARTICLE	IF	CITATIONS
271	Increased susceptibility of HIF-1 \pm heterozygous-null mice to cardiovascular malformations associated with maternal diabetes. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 60, 129-141.	0.9	49
272	Serine Synthesis Helps Hypoxic Cancer Stem Cells Regulate Redox. <i>Cancer Research</i> , 2016, 76, 6458-6462.	0.4	49
273	Hypoxia-Inducible Factor 1 \pm Is a Critical Downstream Mediator for Hypoxia-Induced Mitogenic Factor (FIZZ1/RELM \pm) \pm -Induced Pulmonary Hypertension. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 134-144.	1.1	49
274	Expression of hypoxia \pm -inducible factor 1 \pm in brain tumors. <i>Cancer</i> , 2000, 88, 2606-2618.	2.0	49
275	Small Molecule Activation of Adaptive Gene Expression. <i>Annals of the New York Academy of Sciences</i> , 2008, 1147, 383-394.	1.8	48
276	Regulation of Vascularization by Hypoxia \pm -Inducible Factor 1. <i>Annals of the New York Academy of Sciences</i> , 2009, 1177, 2-8.	1.8	48
277	Nitric oxide prevents axonal degeneration by inducing HIF-1 \pm -dependent expression of erythropoietin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4986-4990.	3.3	47
278	Systemic Delivery of Microencapsulated 3-Bromopyruvate for the Therapy of Pancreatic Cancer. <i>Clinical Cancer Research</i> , 2014, 20, 6406-6417.	3.2	47
279	Promotion of airway anastomotic microvascular regeneration and alleviation of airway ischemia by deferoxamine nanoparticles. <i>Biomaterials</i> , 2014, 35, 803-813.	5.7	46
280	Four-and-a-Half LIM Domain Proteins Inhibit Transactivation by Hypoxia-inducible Factor 1. <i>Journal of Biological Chemistry</i> , 2012, 287, 6139-6149.	1.6	44
281	HIF inhibitor 32-134D eradicates murine hepatocellular carcinoma in combination with anti-PD1 therapy. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	44
282	Regulation of carotid body oxygen sensing by hypoxia-inducible factors. <i>Pflügers Archiv European Journal of Physiology</i> , 2016, 468, 71-75.	1.3	43
283	Regulation of the breast cancer stem cell phenotype by hypoxia-inducible factors. <i>Clinical Science</i> , 2015, 129, 1037-1045.	1.8	42
284	Altered hypoxia \pm -inducible factor \pm 1 alpha expression levels correlate with coronary vessel anomalies. <i>Developmental Dynamics</i> , 2009, 238, 2688-2700.	0.8	41
285	Activation of hypoxia-inducible factor 1 in human T-cell leukaemia virus type \pm 1-infected cell lines and primary adult T-cell leukaemia cells. <i>Biochemical Journal</i> , 2007, 406, 317-323.	1.7	40
286	Association of Increasing Burn Severity in Mice With Delayed Mobilization of Circulating Angiogenic Cells. <i>Archives of Surgery</i> , 2010, 145, 259.	2.3	40
287	Pulmonary Vascular Responses to Chronic Hypoxia Mediated by Hypoxia-inducible Factor 1. <i>Proceedings of the American Thoracic Society</i> , 2005, 2, 68-70.	3.5	39
288	A New Weapon for Attacking Tumor Blood Vessels. <i>New England Journal of Medicine</i> , 2008, 358, 2066-2067.	13.9	39

#	ARTICLE	IF	CITATIONS
289	H ₂ S production by reactive oxygen species in the carotid body triggers hypertension in a rodent model of sleep apnea. <i>Science Signaling</i> , 2016, 9, ra80.	1.6	39
290	The HIF-1 antagonist acriflavine: visualization in retina and suppression of ocular neovascularization. <i>Journal of Molecular Medicine</i> , 2017, 95, 417-429.	1.7	38
291	Hypoxia-inducible factor-dependent ADAM12 expression mediates breast cancer invasion and metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	38
292	Reversible inhibition of hypoxia-inducible factor 1 activation by exposure of hypoxic cells to the volatile anesthetic halothane. <i>FEBS Letters</i> , 2001, 509, 225-229.	1.3	37
293	Physiology meets biophysics: Visualizing the interaction of hypoxia-inducible factor 1 α with p300 and CBP. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 11570-11572.	3.3	37
294	The intravenous anesthetic propofol inhibits hypoxia-inducible factor 1 activity in an oxygen tension-dependent manner. <i>FEBS Letters</i> , 2004, 577, 434-438.	1.3	37
295	Enhanced Interferon- γ Gene Expression in T Cells and Reduced Ovalbumin-Dependent Lung Eosinophilia in Hypoxia-Inducible Factor-1 α -Deficient Mice. <i>International Archives of Allergy and Immunology</i> , 2009, 149, 98-102.	0.9	37
296	Hypoxia-inducible factors regulate human and rat cystathionine β -synthase gene expression. <i>Biochemical Journal</i> , 2014, 458, 203-211.	1.7	36
297	Pathways for Oxygen Regulation and Homeostasis. <i>JAMA - Journal of the American Medical Association</i> , 2016, 316, 1252.	3.8	36
298	HIF-1 α -regulated expression of calreticulin promotes breast tumorigenesis and progression through Wnt/ β -catenin pathway activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	36
299	Endothelial Hypoxia-Inducible Factor-2 α Is Required for the Maintenance of Airway Microvasculature. <i>Circulation</i> , 2019, 139, 502-517.	1.6	35
300	HIF-1 α and HIF-2 α redundantly promote retinal neovascularization in patients with ischemic retinal disease. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	33
301	Graft microvascular disease in solid organ transplantation. <i>Journal of Molecular Medicine</i> , 2014, 92, 797-810.	1.7	31
302	Histone citrullination by PADI4 is required for HIF-dependent transcriptional responses to hypoxia and tumor vascularization. <i>Science Advances</i> , 2021, 7, .	4.7	31
303	HIF-1 Interacts with TRIM28 and DNA-PK to release paused RNA polymerase II and activate target gene transcription in response to hypoxia. <i>Nature Communications</i> , 2022, 13, 316.	5.8	31
304	The inhibitory effect of sodium nitroprusside on HIF-1 activation is not dependent on nitric oxide-soluble guanylyl cyclase pathway. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 417-423.	1.0	30
305	VHL and p53: Tumor Suppressors Team Up to Prevent Cancer. <i>Molecular Cell</i> , 2006, 22, 437-439.	4.5	30
306	BIRC2 Expression Impairs Anti-Cancer Immunity and Immunotherapy Efficacy. <i>Cell Reports</i> , 2020, 32, 108073.	2.9	30

#	ARTICLE	IF	CITATIONS
307	Analysis of Hypoxia-Inducible Factor 1 α Expression and its Effects on Invasion and Metastasis. <i>Methods in Enzymology</i> , 2007, 435, 347-354.	0.4	29
308	Anthracyclines suppress pheochromocytoma cell characteristics, including metastasis, through inhibition of the hypoxia signaling pathway. <i>Oncotarget</i> , 2017, 8, 22313-22324.	0.8	29
309	Intratumoral Hypoxia and Mechanisms of Immune Evasion Mediated by Hypoxia-Inducible Factors. <i>Physiology</i> , 2021, 36, 73-83.	1.6	29
310	PRDX2 and PRDX4 are negative regulators of hypoxia-inducible factors under conditions of prolonged hypoxia. <i>Oncotarget</i> , 2016, 7, 6379-6397.	0.8	29
311	Expression Pattern of HIF-1 α and VEGF Supports Circumferential Application of Scatter Laser for Proliferative Sickle Retinopathy. , 2016, 57, 6739.		28
312	Hypoxia-Induced Suppression of Alternative Splicing of MBD2 Promotes Breast Cancer Metastasis via Activation of FZD1. <i>Cancer Research</i> , 2021, 81, 1265-1278.	0.4	28
313	PHD3-mediated prolyl hydroxylation of nonmuscle actin impairs polymerization and cell motility. <i>Molecular Biology of the Cell</i> , 2014, 25, 2788-2796.	0.9	27
314	Introduction to tumor microenvironment regulation of cancer cell survival, metastasis, inflammation, and immune surveillance. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 379-381.	1.9	27
315	Hypoxia and human disease” and the Journal of Molecular Medicine. <i>Journal of Molecular Medicine</i> , 2007, 85, 1293-1294.	1.7	26
316	Tie2-dependent knockout of HIF-1 impairs burn wound vascularization and homing of bone marrow-derived angiogenic cells. <i>Cardiovascular Research</i> , 2012, 93, 162-169.	1.8	26
317	The Role of Hypoxia-Inducible Factors in Oxygen Sensing by the Carotid Body. <i>Advances in Experimental Medicine and Biology</i> , 2012, 758, 1-5.	0.8	26
318	Expression of the angiogenic mediator, angiopoietin-like 4, in the eyes of patients with proliferative sickle retinopathy. <i>PLoS ONE</i> , 2017, 12, e0183320.	1.1	24
319	Endothelial HIF-2 α as a Key Endogenous Mediator Preventing Emphysema. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 983-995.	2.5	24
320	An essential role for chaperone-mediated autophagy in cell cycle progression. <i>Autophagy</i> , 2015, 11, 850-851.	4.3	23
321	New insights into nNOS regulation of vascular homeostasis. <i>Journal of Clinical Investigation</i> , 2005, 115, 2976-2978.	3.9	23
322	O ₂ Sensing: Only Skin Deep?. <i>Cell</i> , 2008, 133, 206-208.	18.5	22
323	Tie2-dependent VHL knockdown promotes airway microvascular regeneration and attenuates invasive growth of <i>Aspergillus fumigatus</i> . <i>Journal of Molecular Medicine</i> , 2013, 91, 1081-1093.	1.7	22
324	G-rich Oligonucleotides Inhibit HIF-1 α and HIF-2 α and Block Tumor Growth. <i>Molecular Therapy</i> , 2010, 18, 188-197.	3.7	21

#	ARTICLE	IF	CITATIONS
325	HIF-1 recruits NANOG as a coactivator for TERT gene transcription in hypoxic breast cancer stem cells. <i>Cell Reports</i> , 2021, 36, 109757.	2.9	20
326	The use of in situ hybridization to study erythropoietin gene expression in murine kidney and liver. <i>Microscopy Research and Technique</i> , 1993, 25, 29-39.	1.2	17
327	Chairman's Summary: Mechanisms of Oxygen Homeostasis, Circa 1999. <i>Advances in Experimental Medicine and Biology</i> , 2002, 475, 303-310.	0.8	16
328	Increased size of solid organs in patients with Chuvash polycythemia and in mice with altered expression of HIF-1 α and HIF-2 α . <i>Journal of Molecular Medicine</i> , 2010, 88, 523-530.	1.7	16
329	Chronic cold exposure results in subcutaneous adipose tissue browning and altered global metabolism in Qinghai-Tibetan plateau pika (<i>Ochotona curzoniae</i>). <i>Biochemical and Biophysical Research Communications</i> , 2018, 500, 117-123.	1.0	16
330	DNA methylation in the central and efferent limbs of the chemoreflex requires carotid body neural activity. <i>Journal of Physiology</i> , 2018, 596, 3087-3100.	1.3	16
331	Decreased lymphatic HIF-2 α accentuates lymphatic remodeling in lymphedema. <i>Journal of Clinical Investigation</i> , 2020, 130, 5562-5575.	3.9	16
332	Hypoxia-inducible factor-1 mediates pancreatic β -cell dysfunction by intermittent hypoxia. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 319, C922-C932.	2.1	15
333	Reducing bias: accounting for the order of co-first authors. <i>Journal of Clinical Investigation</i> , 2019, 129, 2167-2168.	3.9	15
334	Inositol Polyphosphate Multikinase Inhibits Angiogenesis via Inositol Pentakisphosphate-Induced HIF-1 α Degradation. <i>Circulation Research</i> , 2018, 122, 457-472.	2.0	14
335	Regulation of Erythropoiesis by the Hypoxia-Inducible Factor Pathway: Effects of Genetic and Pharmacological Perturbations. <i>Annual Review of Medicine</i> , 2023, 74, 307-319.	5.0	14
336	Does Loss of CD151 Expression Promote the Metastasis of Hypoxic Colon Cancer Cells?. <i>Clinical Cancer Research</i> , 2008, 14, 7969-7970.	3.2	13
337	A return to cancer metabolism. <i>Journal of Molecular Medicine</i> , 2011, 89, 203-204.	1.7	13
338	Changing the editorial process at JCI and JCI Insight in response to the COVID-19 pandemic. <i>Journal of Clinical Investigation</i> , 2020, 130, 2147-2147.	3.9	10
339	Hypoxia-inducible factors: roles in cardiovascular disease progression, prevention, and treatment. <i>Cardiovascular Research</i> , 2023, 119, 371-380.	1.8	10
340	Baffled by Bafilomycin: An Anticancer Agent That Induces Hypoxia-Inducible Factor-1 α Expression: Fig. 1.. <i>Molecular Pharmacology</i> , 2006, 70, 1841-1843.	1.0	9
341	Hypoxia-Inducible Factor-Dependent Expression of Angiopoietin-Like 4 by Conjunctival Epithelial Cells Promotes the Angiogenic Phenotype of Pterygia. , 2017, 58, 4514-4523.		9
342	Segregation of a familial balanced (12;10) insertion resulting in dup(10)(q21.2q22.1) and del(10)(q21.2q22.1) in first cousins. , 1997, 69, 188-193.		8

#	ARTICLE	IF	CITATIONS
343	Breakthrough science: hypoxia-inducible factors, oxygen sensing, and disorders of hematopoiesis. <i>Blood</i> , 2022, 139, 2441-2449.	0.6	8
344	Functional Analysis of the Role of Hypoxia-Inducible Factor 1 in the Pathogenesis of Hypoxic Pulmonary Hypertension. <i>Methods in Enzymology</i> , 2004, 381, 121-129.	0.4	7
345	Hypoxia pathway linked to kidney failure. <i>Nature Medicine</i> , 2006, 12, 996-997.	15.2	7
346	Heritable disorders of oxygen sensing. <i>American Journal of Medical Genetics, Part A</i> , 2021, 185, 3334-3339.	0.7	7
347	Gas biology: small molecular medicine. <i>Journal of Molecular Medicine</i> , 2012, 90, 213-215.	1.7	6
348	In Vitro Assays of Breast Cancer Stem Cells. <i>Methods in Molecular Biology</i> , 2018, 1742, 237-246.	0.4	6
349	ANGPTL4 influences the therapeutic response of patients with neovascular age-related macular degeneration by promoting choroidal neovascularization. <i>JCI Insight</i> , 2022, 7, .	2.3	6
350	Advances in cancer biology and therapy. <i>Journal of Molecular Medicine</i> , 2013, 91, 409-409.	1.7	5
351	Heritable disorders of oxygen sensing. <i>American Journal of Medical Genetics, Part A</i> , 2021, 185, 2576-2581.	0.7	5
352	Lack of Evidence for Vasoactive and Inflammatory Mediators in the Promotion of Macular Edema Associated with Epiretinal Membranes. <i>Scientific Reports</i> , 2017, 7, 10608.	1.6	4
353	Hypoxia and Hypoxia-Inducible Factors in Lymphedema. <i>Frontiers in Pharmacology</i> , 2022, 13, 851057.	1.6	4
354	American Journal of Physiology-Cell Physiology theme: hypoxia. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 300, C225-C225.	2.1	3
355	Novel strategies for cancer therapy. <i>Journal of Molecular Medicine</i> , 2016, 94, 119-120.	1.7	3
356	EC does it with HIF. <i>Blood</i> , 2006, 107, 419-420.	0.6	2
357	AJP-Cell Theme: Cellular Responses to Hypoxia. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 309, C349-C349.	2.1	2
358	151Âyears Berliner Klinische Wochenschrift and the 20th anniversary of the Journal of Molecular Medicine. <i>Journal of Molecular Medicine</i> , 2015, 93, 935-936.	1.7	2
359	Regulation of Angiogenesis and Arteriogenesis by Hypoxia-Inducible Factor-1. , 2007, , 175-215.		2
360	Digoxin as an inhibitor of global hypoxia inducible factor-1 \pm (HIF1 \pm) expression and downstream targets in breast cancer: Dig-HIF1 pharmacodynamic trial.. <i>Journal of Clinical Oncology</i> , 2013, 31, TPS1144-TPS1144.	0.8	2

#	ARTICLE	IF	CITATIONS
361	The Journal of Clinical Investigation in the time of COVID-19. Journal of Clinical Investigation, 2021, 131, .	3.9	2
362	Recent advances in vascular biology and their clinical relevance. Journal of Molecular Medicine, 2009, 87, 547-548.	1.7	1
363	Blood vessels, disease pathogenesis, and novel therapies. Journal of Molecular Medicine, 2013, 91, 283-283.	1.7	1
364	Expression of hypoxia-inducible factor 1 α in brain tumors. , 2000, 88, 2606.		1
365	Expression of angiogenesis-related molecules in plexiform lesions in severe pulmonary hypertension: evidence for a process of disordered angiogenesis. Journal of Pathology, 2001, 195, 367-374.	2.1	1
366	The HIF-1 Family of bHLH-PAS Proteins: Master Regulators of Oxygen Homeostasis. , 2003, , 183-204.		1
367	Mechanisms of HIF1 α Stabilization by Intermittent Hypoxia: Role of Ca ²⁺ α mTOR signaling. FASEB Journal, 2006, 20, A790.	0.2	1
368	Hypoxia-Inducible Factor 1. , 0, , 246-255.		0
369	Biographical sketchâ€”Gregg L. Semenza. Cancer and Metastasis Reviews, 2007, 26, 221-221.	2.7	0
370	Hypoxia-Inducible Factor 1. Contemporary Clinical Neuroscience, 2009, , 277-288.	0.3	0
371	Physiological and Therapeutic Vascular Remodeling Mediated by Hypoxia-Inducible Factor 1. Biological and Medical Physics Series, 2011, , 111-125.	0.3	0
372	Next-gen cancer research. Journal of Molecular Medicine, 2017, 95, 789-789.	1.7	0
373	ABSENCE OF CAROTID BODY RESPONSES TO CHRONIC INTERMITTENT HYPOXIA IN MICE DEFICIENT IN HIF1 α : Implications in cardiorespiratory responses.. FASEB Journal, 2006, 20, A789.	0.2	0
374	Endothelin α 1 (ET α 1) induces hypoxia-inducible factor 1 (HIF1 α) in Pulmonary Arterial Smooth Muscle Cells (PASMCS).. FASEB Journal, 2008, 22, 1209.22.	0.2	0
375	NADPH oxidase is critical for upregulation of HIF1 α [alpha] by intermittent hypoxia. FASEB Journal, 2008, 22, 960.9.	0.2	0
376	von Hippel-Lindau Tumor Suppressor, Hypoxia-Inducible Factor-1, and Tumor Vascularization. , 2010, , 119-132.		0
377	Effect of Digoxin on Hypoxic Pulmonary Hypertension (HPH). FASEB Journal, 2010, 24, 1023.11.	0.2	0
378	Involvement of Hypoxia-Inducible Factor 1 in Physiological and Pathological Responses to Continuous and Intermittent Hypoxia: Role of Reactive Oxygen Species. , 2011, , 409-418.		0

#	ARTICLE	IF	CITATIONS
379	Cancer Metabolism, HIF α 1, and Novel Anti-Cancer Therapies. FASEB Journal, 2012, 26, 348.3.	0.2	0
380	A Novel EGLN1/PHD2 High-Frequency Variant in Tibetans Protects Against Hypoxia-Induced Polycythemia.. Blood, 2012, 120, 2079-2079.	0.6	0
381	Hypoxia and Breast Cancer Metastasis. Cancer Drug Discovery and Development, 2014, , 3-19.	0.2	0
382	HIF α 2 ⁺ Deficiency Induces Carotid Body Sensory Long-Term Facilitation. FASEB Journal, 2015, 29, 682.3.	0.2	0
383	Persistent HIF α 1 Activation by Long-Term Intermittent Hypoxia. FASEB Journal, 2019, 33, 551.16.	0.2	0
384	Activation of Lysine Demethylases (KDM's) by Intermittent Hypoxia. FASEB Journal, 2019, 33, 551.15.	0.2	0