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List of Publications by Year
in descending order

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384 papers	106,275 citations	153 156 h-index	185 318 g-index
395 all docs	395 docs citations	395 times ranked	83967 citing authors

#	Article	IF	Citations
1	Hypoxia-inducible factors: roles in cardiovascular disease progression, prevention, and treatment. Cardiovascular Research, 2023, 119, 371-380.	1.8	10
2	Regulation of Erythropoiesis by the Hypoxia-Inducible Factor Pathway: Effects of Genetic and Pharmacological Perturbations. Annual Review of Medicine, 2023, 74, 307-319.	5.0	14
3	Breakthrough science: hypoxia-inducible factors, oxygen sensing, and disorders of hematopoiesis. Blood, 2022, 139, 2441-2449.	0.6	8
4	HIF-1 Interacts with TRIM28 and DNA-PK to release paused RNA polymerase II and activate target gene transcription in response to hypoxia. Nature Communications, 2022, 13, 316.	5.8	31
5	Hypoxia and Hypoxia-Inducible Factors in Lymphedema. Frontiers in Pharmacology, 2022, 13, 851057.	1.6	4
6	HIF inhibitor 32-134D eradicates murine hepatocellular carcinoma in combination with anti-PD1 therapy. Journal of Clinical Investigation, 2022, 132, .	3.9	44
7	Hypoxia-inducible factors: cancer progression and clinical translation. Journal of Clinical Investigation, 2022, 132, .	3.9	148
8	ANGPTL4 influences the therapeutic response of patients with neovascular age-related macular degeneration by promoting choroidal neovascularization. JCI Insight, 2022, 7, .	2.3	6
9	Hypoxia-Induced Suppression of Alternative Splicing of MBD2 Promotes Breast Cancer Metastasis via Activation of FZD1. Cancer Research, 2021, 81, 1265-1278.	0.4	28
10	Intratumoral Hypoxia and Mechanisms of Immune Evasion Mediated by Hypoxia-Inducible Factors. Physiology, 2021, 36, 73-83.	1.6	29
11	Hypoxia-inducible factor-dependent ADAM12 expression mediates breast cancer invasion and metastasis. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	38
12	Heritable disorders of oxygen sensing. American Journal of Medical Genetics, Part A, 2021, 185, 2576-2581.	0.7	5
13	HIF-1Î± and HIF-2Î± redundantly promote retinal neovascularization in patients with ischemic retinal disease. Journal of Clinical Investigation, 2021, 131, .	3.9	33
14	Histone citrullination by PADI4 is required for HIF-dependent transcriptional responses to hypoxia and tumor vascularization. Science Advances, 2021, 7, .	4.7	31
15	HIF-1 recruits NANOG as a coactivator for TERT gene transcription in hypoxic breast cancer stem cells. Cell Reports, 2021, 36, 109757.	2.9	20
16	Heritable disorders of oxygen sensing. American Journal of Medical Genetics, Part A, 2021, 185, 3334-3339.	0.7	7
17	HIF-1â€“regulated expression of calreticulin promotes breast tumorigenesis and progression through Wnt/Î²-catenin pathway activation. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	36
18	The Journal of Clinical Investigation in the time of COVID-19. Journal of Clinical Investigation, 2021, 131, .	3.9	2

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19	BIRC2 Expression Impairs Anti-Cancer Immunity and Immunotherapy Efficacy. Cell Reports, 2020, 32, 108073.	2.9	30
20	Hypoxia-inducible factor-1 mediates pancreatic Î²-cell dysfunction by intermittent hypoxia. American Journal of Physiology - Cell Physiology, 2020, 319, C922-C932.	2.1	15
21	Endothelial HIF-2Î± as a Key Endogenous Mediator Preventing Emphysema. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 983-995.	2.5	24
22	The Genomics and Genetics of Oxygen Homeostasis. Annual Review of Genomics and Human Genetics, 2020, 21, 183-204.	2.5	71
23	Decreased lymphatic HIF-2Î± accentuates lymphatic remodeling in lymphedema. Journal of Clinical Investigation, 2020, 130, 5562-5575.	3.9	16
24	Changing the editorial process at JCI and JCI Insight in response to the COVID-19 pandemic. Journal of Clinical Investigation, 2020, 130, 2147-2147.	3.9	10
25	Chemotherapy-induced S100A10 recruits KDM6A to facilitate OCT4-mediated breast cancer stemness. Journal of Clinical Investigation, 2020, 130, 4607-4623.	3.9	73
26	Hypoxia-inducible factors promote breast cancer stem cell specification and maintenance in response to hypoxia or cytotoxic chemotherapy. Advances in Cancer Research, 2019, 141, 175-212.	1.9	54
27	HIF-1Î± is required for development of the sympathetic nervous system. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13414-13423.	3.3	50
28	A RASSF1A-HIF1Î± loop drives Warburg effect in cancer and pulmonary hypertension. Nature Communications, 2019, 10, 2130.	5.8	77
29	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
30	Pharmacologic Targeting of Hypoxia-Inducible Factors. Annual Review of Pharmacology and Toxicology, 2019, 59, 379-403.	4.2	193
31	Endothelial Hypoxia-Inducible Factor-2Î± Is Required for the Maintenance of Airway Microvasculature. Circulation, 2019, 139, 502-517.	1.6	35
32	Reducing bias: accounting for the order of coâ€“first authors. Journal of Clinical Investigation, 2019, 129, 2167-2168.	3.9	15
33	Persistent HIFâ€1 Activation by Longâ€Term Intermittent Hypoxia. FASEB Journal, 2019, 33, 551.16.	0.2	0
34	Activation of Lysine Demethylases (KDM's) by Intermittent Hypoxia. FASEB Journal, 2019, 33, 551.15.	0.2	0
35	Chronic cold exposure results in subcutaneous adipose tissue browning and altered global metabolism in Qinghai-Tibetan plateau pika (Ochotona curzoniae). Biochemical and Biophysical Research Communications, 2018, 500, 117-123.	1.0	16
36	The role of hypoxiaâ€inducible factors in carotid body (patho) physiology. Journal of Physiology, 2018, 596, 2977-2983.	1.3	57

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37	Chemotherapy induces enrichment of CD47 ⁺ /CD73 ⁺ /PDL1 ⁺ immune evasive triple-negative breast cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1239-E1248.	3.3	238
38	Inositol Polyphosphate Multikinase Inhibits Angiogenesis via Inositol Pentakisphosphate-Induced HIF-1Î± Degradation. Circulation Research, 2018, 122, 457-472.	2.0	14
39	In Vitro Assays of Breast Cancer Stem Cells. Methods in Molecular Biology, 2018, 1742, 237-246.	0.4	6
40	DNA methylation in the central and efferent limbs of the chemoreflex requires carotid body neural activity. Journal of Physiology, 2018, 596, 3087-3100.	1.3	16
41	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
42	Metabolic adaptation of cancer and immune cells mediated by hypoxia-inducible factors. Biochimica Et Biophysica Acta: Reviews on Cancer, 2018, 1870, 15-22.	3.3	134
43	Methylation of hypoxia-inducible factor (HIF)-1Î± by G9a/GLP inhibits HIF-1 transcriptional activity and cell migration. Nucleic Acids Research, 2018, 46, 6576-6591.	6.5	90
44	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. Cancer Research, 2018, 78, 4191-4202.	0.4	65
45	Complementary roles of gasotransmitters CO and H ₂ S in sleep apnea. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1413-1418.	3.3	65
46	Chemotherapy-Induced Ca2+ Release Stimulates Breast Cancer Stem Cell Enrichment. Cell Reports, 2017, 18, 1946-1957.	2.9	129
47	Systems biology of oxygen homeostasis. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2017, 9, e1382.	6.6	53
48	Hypoxia Selectively Enhances Integrin Î±5Î²1 Receptor Expression in Breast Cancer to Promote Metastasis. Molecular Cancer Research, 2017, 15, 723-734.	1.5	99
49	Maintenance of redox homeostasis by hypoxia-inducible factors. Redox Biology, 2017, 13, 331-335.	3.9	86
50	A compendium of proteins that interact with HIF-1Î±. Experimental Cell Research, 2017, 356, 128-135.	1.2	81
51	Hypoxiaâ€inducible factors: coupling glucose metabolism and redox regulation with induction ofÂthe breast cancer stem cell phenotype. EMBO Journal, 2017, 36, 252-259.	3.5	267
52	The HIF-1 antagonist acriflavine: visualization in retina and suppression of ocular neovascularization. Journal of Molecular Medicine, 2017, 95, 417-429.	1.7	38
53	Lack of Evidence for Vasoactive and Inflammatory Mediators in the Promotion of Macular Edema Associated with Epiretinal Membranes. Scientific Reports, 2017, 7, 10608.	1.6	4
54	Next-gen cancer research. Journal of Molecular Medicine, 2017, 95, 789-789.	1.7	0

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55	Epigenetic regulation of redox state mediates persistent cardiorespiratory abnormalities after longâ€term intermittent hypoxia. Journal of Physiology, 2017, 595, 63-77.	1.3	53
56	Epigenetic changes by DNA methylation in chronic and intermittent hypoxia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L1096-L1100.	1.3	61
57	Expression of the angiogenic mediator, angiopoietin-like 4, in the eyes of patients with proliferative sickle retinopathy. PLoS ONE, 2017, 12, e0183320.	1.1	24
58	Anthracyclines suppress pheochromocytoma cell characteristics, including metastasis, through inhibition of the hypoxia signaling pathway. Oncotarget, 2017, 8, 22313-22324.	0.8	29
59	Hypoxia-Inducible Factor-Dependent Expression of Angiopoietin-Like 4 by Conjunctival Epithelial Cells Promotes the Angiogenic Phenotype of Pterygia. , 2017, 58, 4514-4523.		9
60	Expression Pattern of HIF-1Î± and VEGF Supports Circumferential Application of Scatter Laser for Proliferative Sickle Retinopathy. , 2016, 57, 6739.		28
61	Hypoxia-inducible factors regulate pluripotency factor expression by ZNF217- and ALKBH5-mediated modulation of RNA methylation in breast cancer cells. Oncotarget, 2016, 7, 64527-64542.	0.8	215
62	Hypoxia-Inducible Factors: Master Regulators of Cancer Progression. Trends in Cancer, 2016, 2, 758-770.	3.8	678
63	Combination therapy with BPTES nanoparticles and metformin targets the metabolic heterogeneity of pancreatic cancer. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5328-36.	3.3	180
64	Pathways for Oxygen Regulation and Homeostasis. JAMA - Journal of the American Medical Association, 2016, 316, 1252.	3.8	36
65	Protein kinase Aâ€“dependent phosphorylation stimulates the transcriptional activity of hypoxia-inducible factor 1. Science Signaling, 2016, 9, ra56.	1.6	76
66	H ₂ S production by reactive oxygen species in the carotid body triggers hypertension in a rodent model of sleep apnea. Science Signaling, 2016, 9, ra80.	1.6	39
67	Serine Synthesis Helps Hypoxic Cancer Stem Cells Regulate Redox. Cancer Research, 2016, 76, 6458-6462.	0.4	49
68	PHGDH Expression Is Required for Mitochondrial Redox Homeostasis, Breast Cancer Stem Cell Maintenance, and Lung Metastasis. Cancer Research, 2016, 76, 4430-4442.	0.4	201
69	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
70	Hypoxia induces the breast cancer stem cell phenotype by HIF-dependent and ALKBH5-mediated m ⁶ A-demethylation of NANOG mRNA. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2047-56.	3.3	807
71	Targeting hypoxia-inducible factor 1 to stimulate tissue vascularization. Journal of Investigative Medicine, 2016, 64, 361-363.	0.7	54
72	Novel strategies for cancer therapy. Journal of Molecular Medicine, 2016, 94, 119-120.	1.7	3

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73	Introduction to tumor microenvironment regulation of cancer cell survival, metastasis, inflammation, and immune surveillance. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 379-381.	1.9	27
74	Dynamic regulation of stem cell specification and maintenance by hypoxia-inducible factors. Molecular Aspects of Medicine, 2016, 47-48, 15-23.	2.7	62
75	Hypoxia-Inducible Factor 1Î± Is a Critical Downstream Mediator for Hypoxia-Induced Mitogenic Factor (FIZZ1/RELMÎ±)â€“Induced Pulmonary Hypertension. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 134-144.	1.1	49
76	Regulation of carotid body oxygen sensing by hypoxia-inducible factors. Pflugers Archiv European Journal of Physiology, 2016, 468, 71-75.	1.3	43
77	The hypoxic tumor microenvironment: A driving force for breast cancer progression. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 382-391.	1.9	418
78	Hypoxia-inducible factor 1 upregulation of both VEGF and ANGPTL4 is required to promote the angiogenic phenotype in uveal melanoma. Oncotarget, 2016, 7, 7816-7828.	0.8	102
79	PRDX2 and PRDX4 are negative regulators of hypoxia-inducible factors under conditions of prolonged hypoxia. Oncotarget, 2016, 7, 6379-6397.	0.8	29
80	Regulation of the breast cancer stem cell phenotype by hypoxia-inducible factors. Clinical Science, 2015, 129, 1037-1045.	1.8	42
81	Neural regulation of hypoxia-inducible factors and redox state drives the pathogenesis of hypertension in a rodent model of sleep apnea. Journal of Applied Physiology, 2015, 119, 1152-1156.	1.2	56
82	Angiopoietin-like 4 is a potent angiogenic factor and a novel therapeutic target for patients with proliferative diabetic retinopathy. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3030-9.	3.3	98
83	Regulation of cell proliferation by hypoxia-inducible factors. American Journal of Physiology - Cell Physiology, 2015, 309, C775-C782.	2.1	209
84	Hypoxia-inducible factor 1 and breast cancer metastasis. Journal of Zhejiang University: Science B, 2015, 16, 32-43.	1.3	171
85	Chemotherapy triggers HIF-1â€“dependent glutathione synthesis and copper chelation that induces the breast cancer stem cell phenotype. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4600-9.	3.3	205
86	KSHV induces aerobic glycolysis and angiogenesis through HIF-1-dependent upregulation of pyruvate kinase 2 in Kaposiâ€™s sarcoma. Angiogenesis, 2015, 18, 477-488.	3.7	78
87	Protein kinase Gâ€“regulated production of H ₂ S governs oxygen sensing. Science Signaling, 2015, 8, ra37.	1.6	101
88	An essential role for chaperone-mediated autophagy in cell cycle progression. Autophagy, 2015, 11, 850-851.	4.3	23
89	HIF-1 regulates CD47 expression in breast cancer cells to promote evasion of phagocytosis and maintenance of cancer stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E6215-23.	3.3	299
90	Hypoxia inducible factor-1-dependent up-regulation of BMP4 mediates hypoxia-induced increase of TRPC expression in PASMCs. Cardiovascular Research, 2015, 107, 108-118.	1.8	56

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91	AJP-Cell Theme: Cellular Responses to Hypoxia. American Journal of Physiology - Cell Physiology, 2015, 309, C349-C349.	2.1	2
92	Oxygen Sensing and Homeostasis. Physiology, 2015, 30, 340-348.	1.6	154
93	151Âyears Berliner Klinische Wochenschrift and the 20th anniversary of the Journal of Molecular Medicine. Journal of Molecular Medicine, 2015, 93, 935-936.	1.7	2
94	HIF-1Î± Activation by Intermittent Hypoxia Requires NADPH Oxidase Stimulation by Xanthine Oxidase. PLoS ONE, 2015, 10, e0119762.	1.1	77
95	HIF-1Î± and TAZ serve as reciprocal co-activators in human breast cancer cells. Oncotarget, 2015, 6, 11768-11778.	0.8	59
96	HIFâ€2Î± Deficiency Induces Carotid Body Sensory Longâ€Term Facilitation. FASEB Journal, 2015, 29, 682.3.	0.2	0
97	Hypoxia-inducible factor 1 mediates TAZ expression and nuclear localization to induce the breast cancer stem cell phenotype. Oncotarget, 2014, 5, 12509-12527.	0.8	100
98	Decreased Expression of Cystathionine Î²-Synthase Promotes Glioma Tumorigenesis. Molecular Cancer Research, 2014, 12, 1398-1406.	1.5	59
99	HIF-1-Mediated Suppression of Acyl-CoA Dehydrogenases and Fatty Acid Oxidation Is Critical for Cancer Progression. Cell Reports, 2014, 8, 1930-1942.	2.9	258
100	Hypoxia-inducible factors regulate human and rat cystathionine Î²-synthase gene expression. Biochemical Journal, 2014, 458, 203-211.	1.7	36
101	Hypoxia-inducible factors are required for chemotherapy resistance of breast cancer stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E5429-38.	3.3	419
102	Oxygen Sensing, Hypoxia-Inducible Factors, and Disease Pathophysiology. Annual Review of Pathology: Mechanisms of Disease, 2014, 9, 47-71.	9.6	901
103	Hypoxia-Inducible Factor 1 and Cardiovascular Disease. Annual Review of Physiology, 2014, 76, 39-56.	5.6	470
104	Hypoxia-inducible factor-dependent signaling between triple-negative breast cancer cells and mesenchymal stem cells promotes macrophage recruitment. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2120-9.	3.3	170
105	Hypoxia and the extracellular matrix: drivers of tumour metastasis. Nature Reviews Cancer, 2014, 14, 430-439.	12.8	1,110
106	Hypoxia-inducible factors mediate coordinated RhoA-ROCK1 expression and signaling in breast cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E384-93.	3.3	165
107	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. Journal of Molecular Medicine, 2014, 92, 151-164.	1.7	98
108	Promotion of airway anastomotic microvascular regeneration and alleviation of airway ischemia by deferoxamine nanoparticles. Biomaterials, 2014, 35, 803-813.	5.7	46

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109	Cyclin-dependent kinases regulate lysosomal degradation of hypoxia-inducible factor 1Î± to promote cell-cycle progression. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3325-34.	3.3	83
110	Systemic Delivery of Microencapsulated 3-Bromopyruvate for the Therapy of Pancreatic Cancer. Clinical Cancer Research, 2014, 20, 6406-6417.	3.2	47
111	Analysis of Hypoxia-Induced Metabolic Reprogramming. Methods in Enzymology, 2014, 542, 425-455.	0.4	72
112	PHD3-mediated prolyl hydroxylation of nonmuscle actin impairs polymerization and cell motility. Molecular Biology of the Cell, 2014, 25, 2788-2796.	0.9	27
113	Graft microvascular disease in solid organ transplantation. Journal of Molecular Medicine, 2014, 92, 797-810.	1.7	31
114	Regulation of hypoxiaâ€inducible factorâ€Î± isoforms and redox state by carotid body neural activity in rats. Journal of Physiology, 2014, 592, 3841-3858.	1.3	75
115	Hypoxia-inducible factors and RAB22A mediate formation of microvesicles that stimulate breast cancer invasion and metastasis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3234-42.	3.3	367
116	A genetic mechanism for Tibetan high-altitude adaptation. Nature Genetics, 2014, 46, 951-956.	9.4	322
117	Hypoxia-inducible factors enhance glutamate signaling in cancer cells. Oncotarget, 2014, 5, 8853-8868.	0.8	56
118	Hypoxia and Breast Cancer Metastasis. Cancer Drug Discovery and Development, 2014, , 3-19.	0.2	0
119	Tie2-dependent VHL knockdown promotes airway microvascular regeneration and attenuates invasive growth of Aspergillus fumigatus. Journal of Molecular Medicine, 2013, 91, 1081-1093.	1.7	22
120	Advances in cancer biology and therapy. Journal of Molecular Medicine, 2013, 91, 409-409.	1.7	5
121	Blood vessels, disease pathogenesis, and novel therapies. Journal of Molecular Medicine, 2013, 91, 283-283.	1.7	1
122	The Ubiquitin Ligase Stub1 Negatively Modulates Regulatory T Cell Suppressive Activity by Promoting Degradation of the Transcription Factor Foxp3. Immunity, 2013, 39, 272-285.	6.6	260
123	Sustained delivery of a HIF-1 antagonist for ocular neovascularization. Journal of Controlled Release, 2013, 172, 625-633.	4.8	63
124	Hypoxia-inducible factor 1 is required for remote ischemic preconditioning of the heart. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17462-17467.	3.3	149
125	Sirtuin-7 Inhibits the Activity of Hypoxia-inducible Factors. Journal of Biological Chemistry, 2013, 288, 20768-20775.	1.6	127
126	Mutual antagonism between hypoxia-inducible factors 1Î± and 2Î± regulates oxygen sensing and cardio-respiratory homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E1788-96.	3.3	73

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127	Chronic Intermittent Hypoxia Induces Atherosclerosis via Activation of Adipose Angiopoietin-like 4. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 240-248.	2.5	155
128	Cancerâ€“stromal cell interactions mediated by hypoxia-inducible factors promote angiogenesis, lymphangiogenesis, and metastasis. Oncogene, 2013, 32, 4057-4063.	2.6	177
129	A Nontranscriptional Role for HIF-1Î± as a Direct Inhibitor of DNA Replication. Science Signaling, 2013, 6, ra10.	1.6	95
130	Increased susceptibility of HIF-1Î± heterozygous-null mice to cardiovascular malformations associated with maternal diabetes. Journal of Molecular and Cellular Cardiology, 2013, 60, 129-141.	0.9	49
131	Hypoxia-inducible Factor 1 (HIF-1) Promotes Extracellular Matrix Remodeling under Hypoxic Conditions by Inducing P4HA1, P4HA2, and PLOD2 Expression in Fibroblasts. Journal of Biological Chemistry, 2013, 288, 10819-10829.	1.6	406
132	Role of hypoxia-inducible factors in breast cancer metastasis. Future Oncology, 2013, 9, 1623-1636.	1.1	225
133	Chaperone-mediated Autophagy Targets Hypoxia-inducible Factor-1Î± (HIF-1Î±) for Lysosomal Degradation. Journal of Biological Chemistry, 2013, 288, 10703-10714.	1.6	195
134	Procollagen Lysyl Hydroxylase 2 Is Essential for Hypoxia-Induced Breast Cancer Metastasis. Molecular Cancer Research, 2013, 11, 456-466.	1.5	216
135	Collagen Prolyl Hydroxylases Are Essential for Breast Cancer Metastasis. Cancer Research, 2013, 73, 3285-3296.	0.4	251
136	Hypoxic retinal MÃ¼ller cells promote vascular permeability by HIF-1â€“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
137	VEGF Secreted by Hypoxic MÃ¼ller Cells Induces MMP-2 Expression and Activity in Endothelial Cells to Promote Retinal Neovascularization in Proliferative Diabetic Retinopathy. Diabetes, 2013, 62, 3863-3873.	0.3	111
138	HIF-1 mediates metabolic responses to intratumoral hypoxia and oncogenic mutations. Journal of Clinical Investigation, 2013, 123, 3664-3671.	3.9	1,017
139	Hypoxia-inducible factorâ€“dependent breast cancerâ€“mesenchymal stem cell bidirectional signaling promotes metastasis. Journal of Clinical Investigation, 2013, 123, 189-205.	3.9	171
140	Hypoxia-inducible factorâ€“dependent breast cancerâ€“mesenchymal stem cell bidirectional signaling promotes metastasis. Journal of Clinical Investigation, 2013, 123, 1402-1402.	3.9	137
141	Digoxin as an inhibitor of global hypoxia inducible factor-1Î± (HIF1Î±) expression and downstream targets in breast cancer: Dig-HIF1 pharmacodynamic trial.. Journal of Clinical Oncology, 2013, 31, TPS1144-TPS1144.	0.8	2
142	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
143	Matrix Rigidity Controls Endothelial Differentiation and Morphogenesis of Cardiac Precursors. Science Signaling, 2012, 5, ra41.	1.6	60
144	Hypoxia-inducible factor 1-dependent expression of platelet-derived growth factor B promotes lymphatic metastasis of hypoxic breast cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E2707-16.	3.3	180

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145	Histone demethylase JMJD2C is a coactivator for hypoxia-inducible factor 1 that is required for breast cancer progression. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E3367-76.	3.3	196
146	Endothelial expression of hypoxia-inducible factor 1 protects the murine heart and aorta from pressure overload by suppression of TGF-Î² signaling. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E841-50.	3.3	124
147	Digoxin inhibits development of hypoxic pulmonary hypertension in mice. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1239-1244.	3.3	91
148	Tie2-dependent knockout of HIF-1 impairs burn wound vascularization and homing of bone marrow-derived angiogenic cells. Cardiovascular Research, 2012, 93, 162-169.	1.8	26
149	Emerging roles of PKM2 in cell metabolism and cancer progression. Trends in Endocrinology and Metabolism, 2012, 23, 560-566.	3.1	284
150	Molecular mechanisms mediating metastasis of hypoxic breast cancer cells. Trends in Molecular Medicine, 2012, 18, 534-543.	3.5	184
151	Hypoxia-inducible factors: mediators of cancer progression and targets for cancer therapy. Trends in Pharmacological Sciences, 2012, 33, 207-214.	4.0	1,271
152	Adaptive and Maladaptive Cardiorespiratory Responses to Continuous and Intermittent Hypoxia Mediated by Hypoxia-Inducible Factors 1 and 2. Physiological Reviews, 2012, 92, 967-1003.	13.1	502
153	Hypoxia-Inducible Factors in Physiology and Medicine. Cell, 2012, 148, 399-408.	13.5	2,540
154	Four-and-a-Half LIM Domain Proteins Inhibit Transactivation by Hypoxia-inducible Factor 1. Journal of Biological Chemistry, 2012, 287, 6139-6149.	1.6	44
155	The Role of Hypoxia-Inducible Factors in Oxygen Sensing by the Carotid Body. Advances in Experimental Medicine and Biology, 2012, 758, 1-5.	0.8	26
156	Hypoxia Regulates CD44 and Its Variant Isoforms through HIF-1Î± in Triple Negative Breast Cancer. PLoS ONE, 2012, 7, e44078.	1.1	125
157	Hypoxia-inducible factor 1 transcriptional activity in endothelial cells is required for acute phase cardioprotection induced by ischemic preconditioning. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 10504-10509.	3.3	89
158	Inhibitors of hypoxia-inducible factor 1 block breast cancer metastatic niche formation and lung metastasis. Journal of Molecular Medicine, 2012, 90, 803-815.	1.7	191
159	Gaseous messengers in oxygen sensing. Journal of Molecular Medicine, 2012, 90, 265-272.	1.7	65
160	Gas biology: small molecular medicine. Journal of Molecular Medicine, 2012, 90, 213-215.	1.7	6
161	Cancer Metabolism, HIFâ€1, and Novel Antiâ€Cancer Therapies. FASEB Journal, 2012, 26, 348.3.	0.2	0
162	A Novel EGLN1/PHD2 High-Frequency Variant in Tibetans Protects Against Hypoxia-Induced Polycythemia.. Blood, 2012, 120, 2079-2079.	0.6	0

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163	Hypoxia-inducible factor 1 is a master regulator of breast cancer metastatic niche formation. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16369-16374.	3.3	375
164	Pyruvate Kinase M2 Is a PHD3-Stimulated Coactivator for Hypoxia-Inducible Factor 1. Cell, 2011, 145, 732-744.	13.5	1,210
165	Control of TH17/Treg Balance by Hypoxia-Inducible Factor 1. Cell, 2011, 146, 772-784.	13.5	1,304
166	Oxygen Sensing, Homeostasis, and Disease. New England Journal of Medicine, 2011, 365, 537-547.	13.9	877
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