

Thomas Kietzmann

List of Publications by Year in descending order

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154
papers

10,675
citations

44069

48
h-index

34986

98
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158
all docs

158
docs citations

158
times ranked

14958
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant responses and cellular adjustments to oxidative stress. <i>Redox Biology</i> , 2015, 6, 183-197.	9.0	859
2	Reactive Oxygen Species Activate the HIF-1 α Promoter Via a Functional NF κ B Site. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 755-761.	2.4	565
3	The Endoplasmic Reticulum: Folding, Calcium Homeostasis, Signaling, and Redox Control. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 1391-1418.	5.4	540
4	Oxygen: Modulator of metabolic zonation and disease of the liver. <i>Hepatology</i> , 2000, 31, 255-260.	7.3	390
5	Hypoxia Up-Regulates Hypoxia-Inducible Factor-1 α Transcription by Involving Phosphatidylinositol 3-Kinase and Nuclear Factor κ B in Pulmonary Artery Smooth Muscle Cells. <i>Molecular Biology of the Cell</i> , 2007, 18, 4691-4697.	2.1	377
6	Metabolic zonation of the liver: The oxygen gradient revisited. <i>Redox Biology</i> , 2017, 11, 622-630.	9.0	350
7	Reactive oxygen species, nutrition, hypoxia and diseases: Problems solved?. <i>Redox Biology</i> , 2015, 6, 372-385.	9.0	279
8	Reactive oxygen species in the control of hypoxia-inducible factor-mediated gene expression. <i>Seminars in Cell and Developmental Biology</i> , 2005, 16, 474-486.	5.0	260
9	European contribution to the study of ROS: A summary of the findings and prospects for the future from the COST action BM1203 (EU-ROS). <i>Redox Biology</i> , 2017, 13, 94-162.	9.0	242
10	Induction of the Plasminogen Activator Inhibitor-1 Gene Expression by Mild Hypoxia Via a Hypoxia Response Element Binding the Hypoxia-Inducible Factor-1 in Rat Hepatocytes. <i>Blood</i> , 1999, 94, 4177-4185.	1.4	235
11	Reactive oxygen species and fibrosis: further evidence of a significant liaison. <i>Cell and Tissue Research</i> , 2016, 365, 591-605.	2.9	223
12	NOX2 and NOX4 Mediate Proliferative Response in Endothelial Cells. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 1473-1484.	5.4	221
13	Glycogen Synthase Kinase 3 Phosphorylates Hypoxia-Inducible Factor 1 α and Mediates Its Destabilization in a VHL-Independent Manner. <i>Molecular and Cellular Biology</i> , 2007, 27, 3253-3265.	2.3	221
14	Redox-fibrosis: Impact of TGF β 1 on ROS generators, mediators and functional consequences. <i>Redox Biology</i> , 2015, 6, 344-352.	9.0	197
15	Regulation of the Hypoxia-inducible Factor 1 α by the Inflammatory Mediators Nitric Oxide and Tumor Necrosis Factor- α in Contrast to Desferroxamine and Phenylarsine Oxide. <i>Journal of Biological Chemistry</i> , 2001, 276, 39805-39811.	3.4	194
16	Transcriptional Regulation of Heme Oxygenase-1 Gene Expression by MAP Kinases of the JNK and p38 Pathways in Primary Cultures of Rat Hepatocytes. <i>Journal of Biological Chemistry</i> , 2003, 278, 17927-17936.	3.4	177
17	The epigenetic landscape related to reactive oxygen species formation in the cardiovascular system. <i>British Journal of Pharmacology</i> , 2017, 174, 1533-1554.	5.4	165
18	GSK-3 β regulates cell growth, migration, and angiogenesis via Fbw7 and USP28-dependent degradation of HIF-1 α . <i>Blood</i> , 2012, 119, 1292-1301.	1.4	164

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19	A Fenton reaction at the endoplasmic reticulum is involved in the redox control of hypoxia-inducible gene expression. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 4302-4307.	7.1	160
20	Hypoxia-Inducible Factors (HIFs) and Phosphorylation: Impact on Stability, Localization, and Transactivity. Frontiers in Cell and Developmental Biology, 2016, 4, 11.	3.7	141
21	DUBs, Hypoxia, and Cancer. Trends in Cancer, 2019, 5, 632-653.	7.4	125
22	Transcriptional activation of the haem oxygenase-1 gene by cGMP via a cAMP response element/activator protein-1 element in primary cultures of rat hepatocytes. Biochemical Journal, 1998, 334, 141-146.	3.7	121
23	Perivenous expression of the mRNA of the three hypoxia-inducible factor $\hat{\pm}$ -subunits, HIF1 $\hat{\pm}$, HIF2 $\hat{\pm}$ and HIF3 $\hat{\pm}$, in rat liver. Biochemical Journal, 2001, 354, 531-537.	3.7	116
24	Inhibition and Genetic Deficiency of p38 MAPK Up-Regulates Heme Oxygenase-1 Gene Expression via Nrf2. Journal of Immunology, 2009, 182, 7048-7057.	0.8	110
25	Redox-sensitive regulation of the HIF pathway under non-hypoxic conditions in pulmonary artery smooth muscle cells. Biological Chemistry, 2004, 385, 249-57.	2.5	108
26	Serum-Free, Long-Term Cultures of Human Hepatocytes: Maintenance of Cell Morphology, Transcription Factors, and Liver-Specific Functions. Biochemical and Biophysical Research Communications, 2000, 269, 46-53.	2.1	102
27	Hypoxia-inducible factor-1 and hypoxia response elements mediate the induction of plasminogen activator inhibitor-1 gene expression by insulin in primary rat hepatocytes. Blood, 2003, 101, 907-914.	1.4	98
28	The Transcription Factors HIF-1 and HNF-4 and the Coactivator p300 Are Involved in Insulin-regulated Glucokinase Gene Expression via the Phosphatidylinositol 3-Kinase/Protein Kinase B Pathway. Journal of Biological Chemistry, 2004, 279, 2623-2631.	3.4	97
29	Metabolic, hormonal and environmental regulation of plasminogen activator inhibitor-1 (PAI-1) expression: Lessons from the liver. Thrombosis and Haemostasis, 2008, 100, 992-1006.	3.4	91
30	Role of oxygen in the zonation of carbohydrate metabolism and gene expression in liver. Kidney International, 1997, 51, 402-412.	5.2	88
31	The mTOR and PP2A Pathways Regulate PHD2 Phosphorylation to Fine-Tune HIF1 $\hat{\pm}$ Levels and Colorectal Cancer Cell Survival under Hypoxia. Cell Reports, 2017, 18, 1699-1712.	6.4	88
32	Perivenous expression of the mRNA of the three hypoxia-inducible factor $\hat{\pm}$ -subunits, HIF1 $\hat{\pm}$, HIF2 $\hat{\pm}$ and HIF3 $\hat{\pm}$, in rat liver. Biochemical Journal, 2001, 354, 531.	3.7	86
33	Nutritional Countermeasures Targeting Reactive Oxygen Species in Cancer: From Mechanisms to Biomarkers and Clinical Evidence. Antioxidants and Redox Signaling, 2013, 19, 2157-2196.	5.4	84
34	The Hypoxia-Inducible Factor-2 $\hat{\pm}$ Is Stabilized by Oxidative Stress Involving NOX4. Antioxidants and Redox Signaling, 2010, 13, 425-436.	5.4	81
35	Nuclear localization of the hypoxia-regulated pro-apoptotic protein BNIP3 after global brain ischemia in the rat hippocampus. Brain Research, 2004, 1001, 133-142.	2.2	77
36	The Rat Heme Oxygenase-1 Gene Is Transcriptionally Induced via the Protein Kinase A Signaling Pathway in Rat Hepatocyte Cultures. Molecular Pharmacology, 1998, 53, 483-491.	2.3	76

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37	Superoxide and Derived Reactive Oxygen Species in the Regulation of Hypoxia-Inducible Factors. <i>Methods in Enzymology</i> , 2007, 435, 421-446.	1.0	69
38	Reactive oxygen species modulate HIF-1 mediated PAI-1 expression: involvement of the GTPase Rac1. <i>Thrombosis and Haemostasis</i> , 2003, 89, 926-935.	3.4	67
39	Hypoxia and hypoxia-inducible factor modulated gene expression in brain: involvement in neuroprotection and cell death. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2001, 251, 170-178.	3.2	64
40	FoxO1 and HNF-4 Are Involved in Regulation of Hepatic Glucokinase Gene Expression by Resveratrol. <i>Journal of Biological Chemistry</i> , 2009, 284, 30783-30797.	3.4	64
41	Arterial oxygen partial pressures reduce the insulin-dependent induction of the perivenously located glucokinase in rat hepatocyte cultures: mimicry of arterial oxygen pressures by H ₂ O ₂ . <i>Biochemical Journal</i> , 1997, 321, 17-20.	3.7	63
42	Reciprocal Regulation of Rac1 and PAK-1 by HIF-1 α : A Positive-Feedback Loop Promoting Pulmonary Vascular Remodeling. <i>Antioxidants and Redox Signaling</i> , 2010, 13, 399-412.	5.4	61
43	The Human Mitochondrial DNA Depletion Syndrome Gene MPV17 Encodes a Non-selective Channel That Modulates Membrane Potential. <i>Journal of Biological Chemistry</i> , 2015, 290, 13840-13861.	3.4	61
44	The Role of Hypoxia-Inducible Factor Post-Translational Modifications in Regulating Its Localisation, Stability, and Activity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 268.	4.1	58
45	Role of NF- κ B and p38 MAP Kinase Signaling Pathways in the Lipopolysaccharide-Dependent Activation of Heme Oxygenase-1 Gene Expression. <i>Antioxidants and Redox Signaling</i> , 2004, 6, 802-810.	5.4	57
46	Liver Zonation in Health and Disease: Hypoxia and Hypoxia-Inducible Transcription Factors as Concert Masters. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2347.	4.1	56
47	Redox Signaling through NADPH Oxidases: Involvement in Vascular Proliferation and Coagulation. <i>Annals of the New York Academy of Sciences</i> , 2002, 973, 505-507.	3.8	51
48	Regulation of the hypoxia-dependent plasminogen activator inhibitor 1 expression by MAP kinases. <i>Thrombosis and Haemostasis</i> , 2003, 89, 666-673.	3.4	51
49	Heme Oxygenase-1 Gene Activation by the NAD(P)H Oxidase Inhibitor 4-(2-Aminoethyl) Benzenesulfonyl Fluoride via a Protein Kinase B, p38-dependent Signaling Pathway in Monocytes. <i>Journal of Biological Chemistry</i> , 2005, 280, 21820-21829.	3.4	50
50	Induction of plasminogen activator inhibitor I gene expression by intracellular calcium via hypoxia-inducible factor-1. <i>Blood</i> , 2004, 104, 3993-4001.	1.4	49
51	Upregulation of heme oxygenase-1 gene by turpentine oil-induced localized inflammation: involvement of interleukin-6. <i>Laboratory Investigation</i> , 2005, 85, 376-387.	3.7	49
52	The Circadian Clock Protein CRY1 Is a Negative Regulator of HIF-1 α . <i>IScience</i> , 2019, 13, 284-304.	4.1	49
53	Regulation of rat heme oxygenase-1 expression by interleukin-6 via the Jak/STAT pathway in hepatocytes. <i>Journal of Hepatology</i> , 2006, 45, 72-80.	3.7	48
54	Transit of H ₂ O ₂ across the endoplasmic reticulum membrane is not sluggish. <i>Free Radical Biology and Medicine</i> , 2016, 94, 157-160.	2.9	48

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55	Modulation of the glucagon-dependent activation of the phosphoenolpyruvate carboxykinase gene by oxygen in rat hepatocyte cultures Evidence for a heme protein as oxygen sensor. FEBS Letters, 1992, 311, 251-255.	2.8	47
56	The upstream stimulatory factor-2a inhibits plasminogen activator inhibitor-1 gene expression by binding to a promoter element adjacent to the hypoxia-inducible factor-1 binding site. Blood, 2001, 97, 2657-2666.	1.4	47
57	Phorbol Ester-dependent Activation of Peroxiredoxin I Gene Expression via a Protein Kinase C, Ras, p38 Mitogen-activated Protein Kinase Signaling Pathway. Journal of Biological Chemistry, 2003, 278, 45419-45434.	3.4	44
58	Oxidative Stress and Hypoxia: Implications for Plasminogen Activator Inhibitor-1 Expression. Antioxidants and Redox Signaling, 2004, 6, 777-791.	5.4	44
59	Selective cardiorespiratory and catecholaminergic areas express the hypoxia-inducible factor-1 \pm (HIF-1 \pm) underin vivo hypoxia in rat brainstem. European Journal of Neuroscience, 2001, 14, 1981-1991.	2.6	43
60	Hypoxia-inducible factor 1 \pm is up-regulated by oncostatin M and participates in oncostatin M signaling. Hepatology, 2009, 50, 253-260.	7.3	43
61	<scp>PHD</scp> 1 regulates p53 \hat{a} mediated colorectal cancer chemoresistance. EMBO Molecular Medicine, 2015, 7, 1350-1365.	6.9	43
62	Role of NF- \hat{t} B and p38 MAP Kinase Signaling Pathways in the Lipopolysaccharide-Dependent Activation of Heme Oxygenase-1 Gene Expression. Antioxidants and Redox Signaling, 2004, 6, 802-810.	5.4	43
63	Activation of glucokinase gene expression by hepatic nuclear factor 4 \hat{t} in primary hepatocytes. Biochemical Journal, 2002, 365, 223-228.	3.7	42
64	Signaling cross-talk between hypoxia and glucose via hypoxia-inducible factor 1 and glucose response elements. Biochemical Pharmacology, 2002, 64, 903-911.	4.4	42
65	Obesity and inflammation: reduced cytokine expression due to resveratrol in a human in vitro model of inflamed adipose tissue. Frontiers in Pharmacology, 2015, 6, 79.	3.5	42
66	Regulation of the gluconeogenic phosphoenolpyruvate carboxykinase and the glycolytic aldolase A gene expression by O ₂ in rat hepatocyte cultures. Involvement of hydrogen peroxide as mediator in the response to O ₂ . FEBS Letters, 1996, 388, 228-232.	2.8	40
67	Periportal localization of glucagon receptor mRNA in rat liver and regulation of its expression by glucose and oxygen in hepatocyte cultures. FEBS Letters, 1998, 421, 136-140.	2.8	39
68	Involvement of a local Fenton reaction in the reciprocal modulation by O ₂ of the glucagon-dependent activation of the phosphoenolpyruvate carboxykinase gene and the insulin-dependent activation of the glucokinase gene in rat hepatocytes. Biochemical Journal, 1998, 335, 425-432.	3.7	39
69	Transcriptional Regulation of Serine/Threonine Kinase-15 (STK15) Expression by Hypoxia and HIF-1. Molecular Biology of the Cell, 2008, 19, 3667-3675.	2.1	39
70	Transcriptional regulation of plasminogen activator inhibitor-1 expression by insulin-like growth factor-1 via MAP kinases and hypoxia-inducible factor-1 in HepG2 cells. Thrombosis and Haemostasis, 2005, 93, 1176-1184.	3.4	38
71	Oxygen: Modulator of Physiological and Pathophysiological Processes in the Liver. Zeitschrift Fur Gastroenterologie, 2006, 44, 67-76.	0.5	37
72	Vesicular localization of the rat ATP-binding cassette half-transporter rAbcb6. American Journal of Physiology - Cell Physiology, 2008, 294, C579-C590.	4.6	37

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73	Kinases as Upstream Regulators of the HIF System: Their Emerging Potential as Anti-Cancer Drug Targets. <i>Current Pharmaceutical Design</i> , 2009, 15, 3867-3877.	1.9	35
74	HIF-1 α Signaling Upstream of NKX2.5 Is Required for Cardiac Development in <i>Xenopus</i> . <i>Journal of Biological Chemistry</i> , 2008, 283, 11841-11849.	3.4	34
75	Phosphorylation of the von Hippel-Lindau protein (VHL) by protein kinase CK2 reduces its protein stability and affects p53 and HIF-1 α mediated transcription. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 1729-1735.	2.8	34
76	Hypoxia-Inducible Factor Prolyl 4-Hydroxylases and Metabolism. <i>Trends in Molecular Medicine</i> , 2018, 24, 1021-1035.	6.7	34
77	Cross-Talk between the Signals Hypoxia and Glucose at the Glucose Response Element of the L-Type Pyruvate Kinase Gene*. <i>Endocrinology</i> , 2001, 142, 2707-2718.	2.8	32
78	Cell Type-dependent Regulation of the Hypoxia-responsive Plasminogen Activator Inhibitor-1 Gene by Upstream Stimulatory Factor-2. <i>Journal of Biological Chemistry</i> , 2006, 281, 2999-3005.	3.4	32
79	An Atypical NF- κ B-Regulated Pathway Mediates Phorbol Ester-Dependent Heme Oxygenase-1 Gene Activation in Monocytes. <i>Journal of Immunology</i> , 2008, 181, 4113-4123.	0.8	32
80	Hypoxia and Reactive Oxygen Species as Modulators of Endoplasmic Reticulum and Golgi Homeostasis. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 113-137.	5.4	32
81	Oxygen-Dependent Modulation of Insulin-Like Growth Factor Binding Protein Biosynthesis in Primary Cultures of Rat Hepatocytes. <i>Endocrinology</i> , 2005, 146, 5433-5443.	2.8	31
82	Increased levels of the HER1 adaptor protein Ruk I /CIN85 contribute to breast cancer malignancy. <i>Carcinogenesis</i> , 2012, 33, 1976-1984.	2.8	31
83	Resveratrol Suppresses PAI-1 Gene Expression in a Human <i>In Vitro</i> Model of Inflamed Adipose Tissue. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-13.	4.0	29
84	Physiological oxygen tensions modulate expression of the <i>mdr1b</i> multidrug-resistance gene in primary rat hepatocyte cultures. <i>Biochemical Journal</i> , 2000, 350, 443-451.	3.7	28
85	Subcellular localization of rat <i>Abca5</i> , a rat ATP-binding-cassette transporter expressed in Leydig cells, and characterization of its splice variant apparently encoding a half-transporter. <i>Biochemical Journal</i> , 2006, 393, 79-87.	3.7	28
86	Transcriptional Induction of Heme Oxygenase-1 Gene Expression by Okadaic Acid in Primary Rat Hepatocyte Cultures. <i>Molecular Pharmacology</i> , 2000, 57, 610-618.	2.3	27
87	Differential transcriptional regulation of hypoxia-inducible factor-1 α by arsenite under normoxia and hypoxia: involvement of Nrf2. <i>Journal of Molecular Medicine</i> , 2016, 94, 1153-1166.	3.9	27
88	Trail (TNF-related apoptosis-inducing ligand) induces an inflammatory response in human adipocytes. <i>Scientific Reports</i> , 2017, 7, 5691.	3.3	27
89	Hypoxia-inducible factor prolyl hydroxylase 2 (PHD2) is a direct regulator of epidermal growth factor receptor (EGFR) signaling in breast cancer. <i>Oncotarget</i> , 2017, 8, 9885-9898.	1.8	27
90	Oxygen Radicals as Messengers in Oxygen-Dependent Gene Expression. <i>Physiology</i> , 2000, 15, 202-208.	3.1	26

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91	PAI-1 modulates cell migration in a LRP1-dependent manner via β -catenin and ERK1/2. <i>Thrombosis and Haemostasis</i> , 2015, 113, 988-998.	3.4	26
92	Protein kinases as switches for the function of upstream stimulatory factors: implications for tissue injury and cancer. <i>Frontiers in Pharmacology</i> , 2015, 6, 3.	3.5	26
93	Thrombin activates the p21-activated kinase in pulmonary artery smooth muscle cells. <i>Thrombosis and Haemostasis</i> , 2005, 93, 1168-1175.	3.4	25
94	Intracellular Redox Compartments: Mechanisms and Significances. <i>Antioxidants and Redox Signaling</i> , 2010, 13, 395-398.	5.4	25
95	A Golgi-associated redox switch regulates catalytic activation and cooperative functioning of ST6Gal-I with B4GalT-I. <i>Redox Biology</i> , 2019, 24, 101182.	9.0	25
96	Analysis of GWAS-Derived Schizophrenia Genes for Links to Ischemia-Hypoxia Response of the Brain. <i>Frontiers in Psychiatry</i> , 2020, 11, 393.	2.6	25
97	Metabolic, hormonal and environmental regulation of plasminogen activator inhibitor-1 (PAI-1) expression: lessons from the liver. <i>Thrombosis and Haemostasis</i> , 2008, 100, 992-1006.	3.4	25
98	Modulation of glucokinase expression by hypoxia-inducible factor 1 and upstream stimulatory factor 2 in primary rat hepatocytes. <i>Biological Chemistry</i> , 2004, 385, 239-47.	2.5	24
99	Deficiency of manganese superoxide dismutase in hepatocytes disrupts zoned gene expression in mouse liver. <i>Archives of Biochemistry and Biophysics</i> , 2007, 462, 238-244.	3.0	24
100	Physiological oxygen tensions modulate expression of the <i>mdr1b</i> multidrug-resistance gene in primary rat hepatocyte cultures. <i>Biochemical Journal</i> , 2000, 350, 443.	3.7	23
101	The MAPK Pathway and HIF-1 Are Involved in the Induction of the Human PAI-1 Gene Expression by Insulin in the Human Hepatoma Cell Line HepG2. <i>Annals of the New York Academy of Sciences</i> , 2006, 1090, 355-367.	3.8	23
102	The Antioxidant Quercetin Inhibits Cellular Proliferation via HIF-1-Dependent Induction of p21WAF. <i>Antioxidants and Redox Signaling</i> , 2010, 13, 437-448.	5.4	23
103	Mitochondrial Dysfunction Due to Lack of Manganese Superoxide Dismutase Promotes Hepatocarcinogenesis. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 1059-1075.	5.4	23
104	USP28 Deficiency Promotes Breast and Liver Carcinogenesis as well as Tumor Angiogenesis in a HIF-independent Manner. <i>Molecular Cancer Research</i> , 2018, 16, 1000-1012.	3.4	23
105	Systemic inactivation of hypoxia-inducible factor prolyl 4-hydroxylase 2 in mice protects from alcohol-induced fatty liver disease. <i>Redox Biology</i> , 2019, 22, 101145.	9.0	22
106	The glyco-redox interplay: Principles and consequences on the role of reactive oxygen species during protein glycosylation. <i>Redox Biology</i> , 2021, 42, 101888.	9.0	22
107	Perivenous localization of insulin receptor protein in rat liver, and regulation of its expression by glucose and oxygen in hepatocyte cultures. <i>Biochemical Journal</i> , 2000, 348, 433-438.	3.7	21
108	Hypoxia-Inducible Factors: Post-translational Crosstalk of Signaling Pathways. <i>Methods in Molecular Biology</i> , 2010, 647, 215-236.	0.9	20

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109	Identification of an oxygen-responsive element in the 5' flanking sequence of the rat cytosolic phosphoenolpyruvate carboxykinase-1 gene, modulating its glucagon-dependent activation. <i>Biochemical Journal</i> , 1999, 339, 563-569.	3.7	19
110	Involvement of E3 Ligases and Deubiquitinases in the Control of HIF-1 α Subunit Abundance. <i>Cells</i> , 2019, 8, 598.	4.1	19
111	Abnormal Golgi pH Homeostasis in Cancer Cells Impairs Apical Targeting of Carcinoembryonic Antigen by Inhibiting Its Glycosyl-Phosphatidylinositol Anchor-Mediated Association with Lipid Rafts. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 5-21.	5.4	19
112	Hypoxia-induced cell death and changes in hypoxia-inducible factor-1 activity in PC12 cells upon exposure to nerve growth factor. <i>Molecular Brain Research</i> , 2002, 104, 21-30.	2.3	18
113	CREB binding to the hypoxia-inducible factor-1 responsive elements in the plasminogen activator inhibitor-1 promoter mediates the glucagon effect. <i>Thrombosis and Haemostasis</i> , 2007, 98, 296-303.	3.4	18
114	Non-electron transfer chain mitochondrial defects differently regulate HIF-1 α degradation and transcription. <i>Redox Biology</i> , 2017, 12, 1052-1061.	9.0	18
115	Cyclin-Dependent Kinase 5 (CDK5)-Mediated Phosphorylation of Upstream Stimulatory Factor 2 (USF2) Contributes to Carcinogenesis. <i>Cancers</i> , 2019, 11, 523.	3.7	17
116	Opposite Expression of the Antioxidant Heme Oxygenase-1 in Primary Cells and Tumor Cells: Regulation by Interaction of USF-2 and Fra-1. <i>Antioxidants and Redox Signaling</i> , 2008, 10, 1163-1174.	5.4	16
117	NRF1 and NRF2 mRNA and Protein Expression Decrease Early during Melanoma Carcinogenesis: An Insight into Survival and MicroRNAs. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-15.	4.0	16
118	Loss of USF2 promotes proliferation, migration and mitophagy in a redox-dependent manner. <i>Redox Biology</i> , 2020, 37, 101750.	9.0	16
119	Regulation of the hypoxia-dependent plasminogen activator inhibitor 1 expression by MAP kinases. <i>Thrombosis and Haemostasis</i> , 2003, 89, 666-73.	3.4	15
120	Glucokinase: old enzyme, new target. <i>Expert Opinion on Therapeutic Patents</i> , 2005, 15, 705-713.	5.0	14
121	The role of hypoxia inducible factor-1 in cell metabolism – a possible target in cancer therapy. <i>Expert Opinion on Therapeutic Targets</i> , 2006, 10, 583-599.	3.4	14
122	Inhibition of phorbol ester-dependent peroxiredoxin I gene activation by lipopolysaccharide via phosphorylation of RelA/p65 at serine 276 in monocytes. <i>Free Radical Biology and Medicine</i> , 2008, 44, 699-710.	2.9	14
123	Direct phosphorylation events involved in HIF-1 α regulation: the role of GSK-3 β . <i>Hypoxia (Auckland, N Z)</i> , 2014, 2, 35.	1.9	14
124	FOXO4 Induces Human Plasminogen Activator Inhibitor-1 Gene Expression via an Indirect Mechanism by Modulating HIF-1 α and CREB Levels. <i>Antioxidants and Redox Signaling</i> , 2010, 13, 413-424.	5.4	13
125	Manganese superoxide dismutase in carcinogenesis: friend or foe?. <i>Biochemical Society Transactions</i> , 2014, 42, 1012-1016.	3.4	13
126	Hypoxia-inducible erythropoietin expression: details matter. <i>Haematologica</i> , 2020, 105, 2704-2706.	3.5	13

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127	The upstream stimulatory factor USF1 is regulated by protein kinase CK2 phosphorylation. Cellular Signalling, 2014, 26, 2809-2817.	3.6	12
128	Urokinase is a negative modulator of EGF-dependent proliferation and motility in the two breast cancer cell lines MCF7 and MDA-MB-231. Molecular Carcinogenesis, 2016, 55, 170-181.	2.7	12
129	Induction of the Plasminogen Activator Inhibitor-1 Gene Expression by Mild Hypoxia Via a Hypoxia Response Element Binding the Hypoxia-Inducible Factor-1 in Rat Hepatocytes. Blood, 1999, 94, 4177-4185.	1.4	12
130	Early Determinants of Pulmonary Vascular Remodeling in Animal Models of Complex Congenital Heart Disease. Circulation, 2011, 123, 916-923.	1.6	11
131	Cellular Redox Compartments. Antioxidants and Redox Signaling, 2019, 30, 1-4.	5.4	10
132	Diminution of the O ₂ responsiveness of the glucagon-dependent activation of the phosphoenolpyruvate carboxykinase gene in rat hepatocytes by long-term culture at venous PO ₂ . Kidney International, 1997, 51, 542-547.	5.2	8
133	Enhanced Plasminogen Activator Inhibitor-1 Expression in Transgenic Mice with Hepatocyte-Specific Overexpression of Superoxide Dismutase or Glutathione Peroxidase. Antioxidants and Redox Signaling, 2004, 6, 721-728.	5.4	8
134	The Pro-Oncogenic Adaptor CIN85 Acts as an Inhibitory Binding Partner of Hypoxia-Inducible Factor Prolyl Hydroxylase 2. Cancer Research, 2019, 79, 4042-4056.	0.9	8
135	The nuclear fraction of protein kinase CK2 binds to the upstream stimulatory factors (USFs) in the absence of DNA. Cellular Signalling, 2016, 28, 23-31.	3.6	7
136	Plasminogen activator inhibitor-1 (PAI-1): A molecule at the crossroads to cell survival or cell death. Thrombosis and Haemostasis, 2008, 100, 965-968.	3.4	7
137	ER-stress promotes VHL-independent degradation of hypoxia-inducible factors via FBXW1A/TrCP. Redox Biology, 2022, 50, 102243.	9.0	7
138	Identification of an oxygen-responsive element in the 5'-flanking sequence of the rat cytosolic phosphoenolpyruvate carboxykinase-1 gene, modulating its glucagon-dependent activation. Biochemical Journal, 1999, 339, 563.	3.7	6
139	GSK3 β -Dependent Phosphorylation Alters DNA Binding, Transactivity and Half-Life of the Transcription Factor USF2. PLoS ONE, 2014, 9, e107914.	2.5	6
140	Perivenous localization of insulin receptor protein in rat liver, and regulation of its expression by glucose and oxygen in hepatocyte cultures. Biochemical Journal, 2000, 348, 433.	3.7	5
141	The adaptor protein Ruk/CIN85 activates plasminogen activator inhibitor-1 (PAI-1) expression via hypoxia-inducible factor-1. Thrombosis and Haemostasis, 2010, 103, 901-909.	3.4	5
142	Editorial [Hot topic: The Hypoxia-Inducible Factor (HIF) Pathway as a Target for Prevention and Treatment of Clinical Manifestations (Executive Editor: Thomas Kietzmann)]. Current Pharmaceutical Design, 2009, 15, 3837-3838.	1.9	4
143	The hypoxia response and nutritional peptides. Peptides, 2021, 138, 170507.	2.4	4
144	Oxygen-Dependent Regulation of Hepatic Glucose Metabolism. Methods in Enzymology, 2004, 381, 357-376.	1.0	3

#	ARTICLE	IF	CITATIONS
145	Resveratrol: beneficial or not? Opposite effects of resveratrol on hypoxia-dependent PAI-1 expression in tumour and primary cells. <i>Thrombosis and Haemostasis</i> , 2016, 115, 461-463.	3.4	3
146	Transcriptomic and Proteomic Analysis of Clear Cell Foci (CCF) in the Human Non-Cirrhotic Liver Identifies Several Differentially Expressed Genes and Proteins with Functions in Cancer Cell Biology and Glycogen Metabolism. <i>Molecules</i> , 2020, 25, 4141.	3.8	3
147	Myocardial infarction in elderly patients: How to assess their bleeding risk?. <i>Thrombosis and Haemostasis</i> , 2015, 114, 869-871.	3.4	1
148	Genomveränderungen – CRISPR/Cas9 als Methode der Wahl oder Qual?. <i>BioSpektrum</i> , 2018, 24, 701-703.	0.0	1
149	The air that we breathe: From “Noble” discoveries of a general oxygen-sensing principle to its clinical use. <i>Acta Physiologica</i> , 2020, 228, e13416.	3.8	1
150	Oxygen as a regulator of serine dehydratase (SerDH) gene expression. <i>Biopolymers and Cell</i> , 2007, 23, 391-397.	0.4	1
151	Involvement of Intracellular Reactive Oxygen Species in the Control of Gene Expression by Oxygen. , 2004, , 341-360.		0
152	JAK2 and Endothelial Function: New Options for Anti-Thrombotic Therapies. <i>Thrombosis and Haemostasis</i> , 2018, 118, 1512-1514.	3.4	0
153	A role of upstream stimulatory factor-2a in regulation of plasminogen activator inhibitor-1 expression. <i>Biopolymers and Cell</i> , 2002, 18, 142-154.	0.4	0
154	The Circadian Clock Protein CRY1 Is a Negative Regulator of HIF-1. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0