Kiichi Hirota

List of Publications by Year
in descending order

137 papers	10,728 citations	57631 44 h-index	31759 101 g-index
176 all docs	176 docs citations	176 times ranked	12047 citing authors

#	Article	IF	Citations
1	Asymptomatic Hypoxemia as a Characteristic Symptom of Coronavirus Disease: A Narrative Review of Its Pathophysiology. Covid, 2022, 2, 47-61.	0.7	3
2	Efficacy of active hexose correlated compound on survival of patients with resectable/borderline resectable pancreatic cancer: a study protocol for a double-blind randomized phase II study. Trials, 2022, 23, 135.	0.7	1
3	Rapid detection of single nucleotide polymorphisms using the MinION nanopore sequencer: a feasibility study for perioperative precision medicine. JA Clinical Reports, 2022, 8, 17.	0.2	7
4	MinION, a portable long-read sequencer, enables rapid vaginal microbiota analysis in a clinical setting. BMC Medical Genomics, 2022, 15, 68.	0.7	12
5	Establishment of a novel assessment of the quality of human spermatozoa measuring mitochondrial oxygen metabolism. BMC Research Notes, 2022, 15, 123.	0.6	1
6	Activation of transcription factor HIF inhibits IL-1Î²-induced NO production in primary cultured rat hepatocytes. Nitric Oxide - Biology and Chemistry, 2022, 124, 1-14.	1.2	5
7	Successful identification of Granulicatella adiacens in postoperative acute infectious endophthalmitis using a bacterial 16S ribosomal RNA gene-sequencing platform with MinIONâ„¢: A case report. American Journal of Ophthalmology Case Reports, 2022, 26, 101524.	0.4	2
8	16S rRNA nanopore sequencing for the diagnosis of ocular infection: a feasibility study. BMJ Open Ophthalmology, 2022, 7, e000910.	0.8	8
9	Cigarette Smoke Extract Activates Hypoxia-Inducible Factors in a Reactive Oxygen Species-Dependent Manner in Stroma Cells from Human Endometrium. Antioxidants, 2021, 10, 48.	2.2	11
10	Estimation of the Number of General Anesthesia Cases Based on a Series of Nationwide Surveys on Twitter during COVID-19 Pandemic in Japan: A Statistical Analysis. Medicina (Lithuania), 2021, 57, 153.	0.8	1
11	Development of antitumor biguanides targeting energy metabolism and stress responses in the tumor microenvironment. Scientific Reports, 2021, 11, 4852.	1.6	6
12	HIF-Î± Prolyl Hydroxylase Inhibitors and Their Implications for Biomedicine: A Comprehensive Review. Biomedicines, 2021, 9, 468.	1.4	50
13	Hypoxia-dependent signaling in perioperative and critical care medicine. Journal of Anesthesia, 2021, 35, 741-756.	0.7	5
14	Polysulfide inhibits hypoxia-elicited hypoxia-inducible factor activation in a mitochondria-dependent manner. Mitochondrion, 2021, 59, 255-266.	1.6	8
15	Inhibiting SARS-CoV-2 infection in vitro by suppressing its receptor, angiotensin-converting enzyme 2, via aryl-hydrocarbon receptor signal. Scientific Reports, 2021, 11, 16629.	1.6	21
16	Full-length 16S rRNA gene amplicon analysis of human gut microbiota using MinIONâ„¢ nanopore sequencing confers species-level resolution. BMC Microbiology, 2021, 21, 35.	1.3	146
17	Effect of anesthetics on insulin secretion and their mechanism. The Journal of Kansai Medical University, 2021, 72, 23-27.	0.3	0
18	Critical Care Demand and Intensive Care Supply for Patients in Japan with COVID-19 at the Time of the State of Emergency Declaration in April 2020: A Descriptive Analysis. Medicina (Lithuania), 2020, 56, 530.	0.8	6

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19	Deactivation of Glutaminolysis Sensitizes PIK3CA-Mutated Colorectal Cancer Cells to Aspirin-Induced Growth Inhibition. Cancers, 2020, 12, 1097.	1.7	9
20	Meta-Analysis of Hypoxic Transcriptomes from Public Databases. Biomedicines, 2020, 8, 10.	1.4	39
21	Basic Biology of Hypoxic Responses Mediated by the Transcription Factor HIFs and Its Implication for Medicine. Biomedicines, 2020, 8, 32.	1.4	33
22	Isolation and Characterization of Mammalian Otic Progenitor Cells that Can Differentiate into Both Sensory Epithelial and Neuronal Cell Lineages. Anatomical Record, 2020, 303, 451-460.	0.8	4
23	Thyroid Hormone Facilitates in vitro Decidualization of Human Endometrial Stromal Cells via Thyroid Hormone Receptors. Endocrinology, 2020, 161, .	1.4	16
24	A proposal for a new temperature-corrected formula for the oxygen content of blood. JA Clinical Reports, 2020, 6, 62.	0.2	2
25	Characterizing the gut microbiota in females with infertility and preliminary results of a water-soluble dietary fiber intervention study. Journal of Clinical Biochemistry and Nutrition, 2020, 67, 105-111.	0.6	24
26	Pulmonary vein thrombosis and cerebral infarction after video-assisted thoracic surgery of the left upper lobe: a case series. JA Clinical Reports, 2020, 6, 71.	0.2	6
27	An intimate crosstalk between iron homeostasis and oxygen metabolism regulated by the hypoxia-inducible factors (HIFs). Free Radical Biology and Medicine, 2019, 133, 118-129.	1.3	70
28	Rapid bacterial identification by direct PCR amplification of 16S rRNA genes using the MinIONâ„¢ nanopore sequencer. FEBS Open Bio, 2019, 9, 548-557.	1.0	89
29	Real-time diagnostic analysis of MinIONâ„¢-based metagenomic sequencing in clinical microbiology evaluation: a case report. JA Clinical Reports, 2019, 5, 24.	0.2	13
30	Cancerous phenotypes associated with hypoxia-inducible factors are not influenced by the volatile anesthetic isoflurane in renal cell carcinoma. PLoS ONE, 2019, 14, e0215072.	1.1	11
31	Pharmacological polysulfide suppresses glucose-stimulated insulin secretion in an ATP-sensitive potassium channel-dependent manner. Scientific Reports, 2019, 9, 19377.	1.6	9
32	Propofol inhibits stromatoxin-1-sensitive voltage-dependent K⁺channels in pancreatic Î²-cells and enhances insulin secretion. PeerJ, 2019, 7, e8157.	0.9	12
33	Activation of hypoxia-inducible factorÂ1 attenuates periapical inflammation and bone loss. International Journal of Oral Science, 2018, 10, 12.	3.6	57
34	Suppression of mitochondrial oxygen metabolism mediated by the transcription factor HIF-1 alleviates propofol-induced cell toxicity. Scientific Reports, 2018, 8, 8987.	1.6	22
35	Propofol induces a metabolic switch to glycolysis and cell death in a mitochondrial electron transport chain-dependent manner. PLoS ONE, 2018, 13, e0192796.	1.1	55
36	HIF-1-mediated suppression of mitochondria electron transport chain function confers resistance to lidocaine-induced cell death. Scientific Reports, 2017, 7, 3816.	1.6	46

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37	Mitigation of inflammation using the intravenous anesthetic dexmedetomidine in the mouse air pouch model. Immunopharmacology and Immunotoxicology, 2017, 39, 225-232.	1.1	14
38	Transmembrane thioredoxinâ€related protein <scp>TMX</scp>1 is reversibly oxidized in response to protein accumulation in the endoplasmic reticulum. FEBS Open Bio, 2017, 7, 1768-1777.	1.0	10
39	VHL-deficient renal cancer cells gain resistance to mitochondria-activating apoptosis inducers by activating AKT through the IGF1R-PI3K pathway. Tumor Biology, 2016, 37, 13295-13306.	0.8	10
40	Cigarette smoke reversibly activates hypoxia-inducible factor 1 in a reactive oxygen species-dependent manner. Scientific Reports, 2016, 6, 34424.	1.6	55
41	The antioxidant N-acetyl cysteine suppresses lidocaine-induced intracellular reactive oxygen species production and cell death in neuronal SH-SY5Y cells. BMC Anesthesiology, 2016, 16, 104.	0.7	31
42	Accidental administration of the remifentanil formulation Ultivaâ„¢ into the epidural space and the complete time course of its consequences: a case report. JA Clinical Reports, 2016, 2, 19.	0.2	3
43	Rapid development of a spinal epidural hematoma following thoracic epidural catheter removal in an esophageal carcinoma surgical patient: a case report. JA Clinical Reports, 2016, 2, 37.	0.2	3
44	Impact of hydroxyethyl starch 70/0.5 on acute kidney injury after gastroenterological surgery. Korean Journal of Anesthesiology, 2016, 69, 460.	0.9	5
45	Fentanyl and Its Impact on Cell Functions. , 2016, , 497-507.		0
46	Involvement of Hypoxia-Inducible Factors in the Dysregulation of Oxygen Homeostasis in Sepsis. Cardiovascular & Hematological Disorders Drug Targets, 2015, 15, 29-40.	0.2	41
47	Aberrant IDH3Î± expression promotes malignant tumor growth by inducing HIF-1-mediated metabolic reprogramming and angiogenesis. Oncogene, 2015, 34, 4758-4766.	2.6	82
48	Intravenous anesthetic propofol suppresses prostaglandin E₂and cysteinyl leukotriene production and reduces edema formation in arachidonic acid-induced ear inflammation. Journal of Immunotoxicology, 2015, 12, 261-265.	0.9	26
49	UCHL1 provides diagnostic and antimetastatic strategies due to its deubiquitinating effect on HIF-1Î±. Nature Communications, 2015, 6, 6153.	5.8	175
50	Complete resolution of myoclonus-like involuntary movements under subarachnoid block after midazolam administration in a patient undergoing cesarean section: a case report. Korean Journal of Anesthesiology, 2015, 68, 193.	0.9	7
51	Targeting cholesterol with Î²â€cyclodextrin sensitizes cancer cells for apoptosis. FEBS Letters, 2015, 589, 4097-4105.	1.3	28
52	Volatile anesthetics suppress glucose-stimulated insulin secretion in MIN6 cells by inhibiting glucose-induced activation of hypoxia-inducible factor 1. PeerJ, 2015, 3, e1498.	0.9	9
53	The volatile anesthetic isoflurane differentially suppresses the induction of erythropoietin synthesis elicited by acute anemia and systemic hypoxemia in mice in an hypoxia-inducible factor-2-dependent manner. European Journal of Pharmacology, 2014, 732, 43-49.	1.7	6
54	Macrophage migration inhibitory factor diminishes muscle glucose transport induced by insulin and AICAR in a muscle type-dependent manner. Biochemical and Biophysical Research Communications, 2014, 444, 496-501.	1.0	17

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55	Hypoxia-inducible Factors Are Already â€œActiveâ€•in the Von Hippel-Lindauâ€“deficient Renal Cell Carcinoma-4 Cells. Anesthesiology, 2014, 120, 1523-1523.	1.3	2
56	Successful perioperative airway management in a patient with angiomatous macroglossia for laser ablation under general anesthesia. Journal of Anesthesia, 2013, 27, 789-790.	0.7	0
57	Successful perioperative management of a patient with primary systemic carnitine deficiency: a case report. Journal of Anesthesia, 2013, 27, 141-142.	0.7	3
58	Overexpression of gankyrin in mouse hepatocytes induces hemangioma by suppressing factor inhibiting hypoxia-inducible factor-1 (FIH-1) and activating hypoxia-inducible factor-1. Biochemical and Biophysical Research Communications, 2013, 432, 22-27.	1.0	24
59	Efficacy of single-dose intravenous immunoglobulin administration for severe sepsis and septic shock. Journal of Intensive Care, 2013, 1, 4.	1.3	13
60	The impact of remifentanil on incidence and severity of postoperative nausea and vomiting in a university hospital-based ambulatory surgery center: a retrospective observation study. Korean Journal of Anesthesiology, 2013, 65, 142.	0.9	11
61	Involvement of decreased hypoxia-inducible factor 1 activity and resultant G1â€“S cell cycle transition in radioresistance of perinecrotic tumor cells. Oncogene, 2013, 32, 2058-2068.	2.6	25
62	General Anesthetics Inhibit LPS-Induced IL-1Î² Expression in Glial Cells. PLoS ONE, 2013, 8, e82930.	1.1	62
63	Differential roles of prostaglandin E-type receptors in activation of hypoxia-inducible factor 1 by prostaglandin E1in vascular-derived cells under non-hypoxic conditions. PeerJ, 2013, 1, e220.	0.9	8
64	Takotsubo cardiomyopathy during ambulatory anesthesia for bladder hydrodistension therapy -A case report-. Korean Journal of Anesthesiology, 2012, 62, 484.	0.9	6
65	Cancer cells that survive radiation therapy acquire HIF-1 activity and translocate towards tumour blood vessels. Nature Communications, 2012, 3, 783.	5.8	149
66	Effects of n-propyl gallate on neuronal survival after forebrain ischemia in rats. Resuscitation, 2012, 83, 249-252.	1.3	3
67	Hydrogen Sulfide Inhibits Hypoxia- But Not Anoxia-Induced Hypoxia-Inducible Factor 1 Activation in a von Hippel-Lindau- and Mitochondria-Dependent Manner. Antioxidants and Redox Signaling, 2012, 16, 203-216.	2.5	70
68	Detection of the Onset of Ischemia and Carcinogenesis by Hypoxia-Inducible Transcription Factor-Based In Vivo Bioluminescence Imaging. PLoS ONE, 2011, 6, e26640.	1.1	8
69	General Anesthetics Inhibit Erythropoietin Induction under Hypoxic Conditions in the Mouse Brain. PLoS ONE, 2011, 6, e29378.	1.1	35
70	Fentanyl activates hypoxia-inducible factor 1 in neuronal SH-SY5Y cells and mice under non-hypoxic conditions in a Î¼-opioid receptor-dependent manner. European Journal of Pharmacology, 2011, 667, 144-152.	1.7	19
71	Ectopic ACTH syndrome revealed as severe hypokalemia and persistent hypertension during the perioperative period: a case report. Journal of Anesthesia, 2011, 25, 104-107.	0.7	2
72	The intravenous anesthetic propofol inhibits lipopolysaccharide-induced hypoxia-inducible factor 1 activation and suppresses the glucose metabolism in macrophages. Journal of Anesthesia, 2010, 24, 54-60.	0.7	49

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73	Pituitary apoplexy during general anesthesia in beach chair position for shoulder joint arthroplasty. Journal of Anesthesia, 2010, 24, 476-478.	0.7	17
74	Monitored anesthesia care with dexmedetomidine of a patient with severe pulmonary arterial hypertension for inguinal hernioplasty. Journal of Anesthesia, 2010, 24, 611-613.	0.7	10
75	Persisting mild hypothermia suppresses hypoxia-inducible factor-1Î± protein synthesis and hypoxia-inducible factor-1-mediated gene expression. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R661-R671.	0.9	39
76	Selective Killing of Hypoxia-Inducible Factor-1â€“Active Cells Improves Survival in a Mouse Model of Invasive and Metastatic Pancreatic Cancer. Clinical Cancer Research, 2009, 15, 3433-3441.	3.2	84
77	The calcium channel blocker cilnidipine selectively suppresses hypoxia-inducible factor 1 activity in vascular cells. European Journal of Pharmacology, 2009, 606, 130-136.	1.7	19
78	The intravenous anesthetics barbiturates inhibit hypoxia-inducible factor 1 activation. European Journal of Pharmacology, 2009, 617, 17-22.	1.7	23
79	Successful airway management with use of a laryngeal mask airway in a patient with CHARGE syndrome. Journal of Anesthesia, 2009, 23, 630-632.	0.7	9
80	LPS Induces Hypoxia-Inducible Factor 1 Activation in Macrophage-Differentiated Cells in a Reactive Oxygen Speciesâ€“Dependent Manner. Antioxidants and Redox Signaling, 2008, 10, 983-996.	2.5	136
81	n-Propyl gallate activates hypoxia-inducible factor 1 by modulating intracellular oxygen-sensing systems. Biochemical Journal, 2008, 411, 97-105.	1.7	16
82	Î±-Phenyl-N-tert-butyl Nitrone Has Scavenging Activity Against Singlet Oxygen (1O2) and Attenuates 1O2-Induced Neuronal Cell Death. Journal of Pharmacological Sciences, 2008, 108, 545-549.	1.1	6
83	Macrophage Migration Inhibitory Factor Activates Hypoxia-Inducible Factor in a p53-Dependent Manner. PLoS ONE, 2008, 3, e2215.	1.1	96
84	Regulation of hypoxia-inducible factor 1 by glucose availability under hypoxic conditions. Kobe Journal of Medical Sciences, 2008, 53, 283-96.	0.2	20
85	Hypoxia and Hypoxia-Inducible Factor-1 Expression Enhance Osteolytic Bone Metastases of Breast Cancer. Cancer Research, 2007, 67, 4157-4163.	0.4	217
86	Hypoxia reduces the expression and anti-inflammatory effects of peroxisome proliferator-activated receptor-Â in human proximal renal tubular cells. Nephrology Dialysis Transplantation, 2007, 22, 1041-1051.	0.4	34
87	Inhibitory Effect of 6-Formylpterin on HIF-1.ALPHA. Protein Accumulation. Biological and Pharmaceutical Bulletin, 2007, 30, 2181-2184.	0.6	6
88	Exhaled Carbon Monoxide Levels Change in Relation to Inspired Oxygen Fraction During General Anesthesia. Anesthesia and Analgesia, 2007, 105, 696-699.	1.1	12
89	Comparison of continuous intraarterial blood gas analysis and transcutaneous monitoring to measure oxygen partial pressure during one-lung ventilation. Journal of Anesthesia, 2007, 21, 110-111.	0.7	1
90	Gallate, the component of HIF-inducing catechins, inhibits HIF prolyl hydroxylase. Biochemical and Biophysical Research Communications, 2006, 351, 234-239.	1.0	19

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91	Regulation of angiogenesis by hypoxia-inducible factor 1. Critical Reviews in Oncology/Hematology, 2006, 59, 15-26.	2.0	423
92	Activation of hypoxia-inducible factor 1 during macrophage differentiation. American Journal of Physiology - Cell Physiology, 2006, 291, C104-C113.	2.1	110
93	Synergistic effect of hypoxia and TNF-Î± on production of PAI-1 in human proximal renal tubular cells. Kidney International, 2005, 68, 569-583.	2.6	45
94	Two cases of hyperkalemia after administration of hypertonic mannitol during craniotomy. Journal of Anesthesia, 2005, 19, 75-77.	0.7	32
95	The effects of local anesthetics on cellular hypoxia-induced gene responses mediated by hypoxia-inducible factor 1. Journal of Anesthesia, 2005, 19, 54-59.	0.7	9
96	Inhibition of E-selectin-mediated leukocyte adhesion by volatile anesthetics in a static condition. Journal of Anesthesia, 2005, 19, 1-6.	0.7	6
97	Opioid receptor stimulation does not affect cellular hypoxia-induced gene responses mediated by hypoxia-inducible factor 1 in cultured cell lines. Journal of Anesthesia, 2005, 19, 263-265.	0.7	5
98	Hypoxia reduces constitutive and TNF-Î±-induced expression of monocyte chemoattractant protein-1 in human proximal renal tubular cells. Biochemical and Biophysical Research Communications, 2005, 335, 1026-1034.	1.0	20
99	Regulation of hypoxia-inducible factor 1 by prolyl and asparaginyl hydroxylases. Biochemical and Biophysical Research Communications, 2005, 338, 610-616.	1.0	215
100	Induction of Hypoxia-inducible Factor 1 Activity by Muscarinic Acetylcholine Receptor Signaling. Journal of Biological Chemistry, 2004, 279, 41521-41528.	1.6	53
101	Nitric Oxide Induces Hypoxia-inducible Factor 1 Activation That Is Dependent on MAPK and Phosphatidylinositol 3-Kinase Signaling. Journal of Biological Chemistry, 2004, 279, 2550-2558.	1.6	193
102	The volatile anesthetics halothane and isoflurane differentially modulate proinflammatory cytokine-induced p38 mitogen-activated protein kinase activation. Journal of Anesthesia, 2004, 18, 203-9.	0.7	20
103	Redox Regulation of the Embryonic Stem Cell Transcription Factor Oct-4 by Thioredoxin. Stem Cells, 2004, 22, 259-264.	1.4	70
104	The intravenous anesthetic propofol inhibits hypoxia-inducible factor 1 activity in an oxygen tension-dependent manner. FEBS Letters, 2004, 577, 434-438.	1.3	37
105	The inhibitory effect of sodium nitroprusside on HIF-1 activation is not dependent on nitric oxide-soluble guanylyl cyclase pathway. Biochemical and Biophysical Research Communications, 2004, 324, 417-423.	1.0	30
106	Cell Typeâ€“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. Circulation Research, 2003, 93, 1074-1081.	2.0	561
107	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. Journal of Biological Chemistry, 2002, 277, 38205-38211.	1.6	700
108	Hypoxia-inducible factor 1, a master transcription factor of cellular hypoxic gene expression. Journal of Anesthesia, 2002, 16, 150-159.	0.7	52

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109	Thioredoxin reductase regulates AP-1 activity as well as thioredoxin nuclear localization via active cysteines in response to ionizing radiation. Oncogene, 2002, 21, 6317-6327.	2.6	106
110	Disruption of oxygen homeostasis underlies congenital Chuvash polycythemia. Nature Genetics, 2002, 32, 614-621.	9.4	469
111	Thioredoxin Superfamily and Thioredoxinâ€Inducing Agents. Annals of the New York Academy of Sciences, 2002, 957, 189-199.	1.8	128
112	Redox regulation by thioredoxin and its related molecules. Drug News and Perspectives, 2002, 15, 575.	1.9	12
113	An endogenous redox molecule, thioredoxin, regulates transactivation of epidermal growth factor receptor and activation of NF-ÎºB by lysophosphatidic acid. FEBS Letters, 2001, 489, 134-138.	1.3	13
114	Reversible inhibition of hypoxia-inducible factor 1 activation by exposure of hypoxic cells to the volatile anesthetic halothane. FEBS Letters, 2001, 509, 225-229.	1.3	37
115	6-formylpterin, a xanthine oxidase inhibitor, intracellularly generates reactive oxygen species involved in apoptosis and cell proliferation. Free Radical Biology and Medicine, 2001, 30, 248-259.	1.3	27
116	Rac1 Activity Is Required for the Activation of Hypoxia-inducible Factor 1. Journal of Biological Chemistry, 2001, 276, 21166-21172.	1.6	149
117	Geranylgeranylacetone promotes induction and secretion of thioredoxin in gastric mucosal cells and peripheral blood lymphocytes. Free Radical Research, 2001, 35, 23-30.	1.5	32
118	Redox-sensitive Transactivation of Epidermal Growth Factor Receptor by Tumor Necrosis Factor Confers the NF-ÎºB Activation. Journal of Biological Chemistry, 2001, 276, 25953-25958.	1.6	56
119	FIH-1: a novel protein that interacts with HIF-1alpha and VHL to mediate repression of HIF-1 transcriptional activity. Genes and Development, 2001, 15, 2675-2686.	2.7	1,203
120	Inhibition of the human intermediate conductance Ca2+-activated K+ channel, hIK1, by volatile anesthetics. European Journal of Pharmacology, 2000, 395, 95-101.	1.7	17
121	Nucleoredoxin, Glutaredoxin, and Thioredoxin Differentially Regulate NF-ÎºB, AP-1, and CREB Activation in HEK293 Cells. Biochemical and Biophysical Research Communications, 2000, 274, 177-182.	1.0	181
122	Geranylgeranylacetone Enhances Expression of Thioredoxin and Suppresses Ethanol-Induced Cytotoxicity in Cultured Hepatocytes. Biochemical and Biophysical Research Communications, 2000, 275, 825-830.	1.0	84
123	Thioredoxin Inhibits Tumor Necrosis Factor- or Interleukin-1-Induced NF-ÎºB Activation at a Level Upstream of NF-ÎºB-Inducing Kinase. Antioxidants and Redox Signaling, 2000, 2, 83-92.	2.5	49
124	Direct Association with Thioredoxin Allows Redox Regulation of Glucocorticoid Receptor Function. Journal of Biological Chemistry, 1999, 274, 3182-3188.	1.6	186
125	Distinct Roles of Thioredoxin in the Cytoplasm and in the Nucleus. Journal of Biological Chemistry, 1999, 274, 27891-27897.	1.6	516
126	Identification of Thioredoxin-binding Protein-2/Vitamin D3 Up-regulated Protein 1 as a Negative Regulator of Thioredoxin Function and Expression. Journal of Biological Chemistry, 1999, 274, 21645-21650.	1.6	630

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127	Mouse glutaredoxin â€" cDNA cloning, high level expression inE. coliand its possible implication in redox regulation of the DNA binding activity in transcription factor PEBP2. Free Radical Research, 1999, 31, 357-365.	1.5	26
128	Thioredoxin-dependent Redox Regulation of p53-mediated p21 Activation. Journal of Biological Chemistry, 1999, 274, 35809-35815.	1.6	376
129	Demonstration of the interaction of thioredoxin with p40phox, a phagocyte oxidase component, using a yeast two-hybrid system. Immunology Letters, 1999, 68, 155-159.	1.1	41
130	Differential expression of glutaredoxin and thioredoxin during monocytic differentiation. Immunology Letters, 1999, 68, 397-401.	1.1	48
131	Thioredoxin Negatively Regulates p38 MAP Kinase Activation and IL-6 Production by Tumor Necrosis Factor-Î±. Biochemical and Biophysical Research Communications, 1999, 258, 443-447.	1.0	73
132	Redox Regulation of the DNA Binding Activity in Transcription Factor PEBP2. Journal of Biological Chemistry, 1997, 272, 14497-14500.	1.6	128
133	AP-1 transcriptional activity is regulated by a direct association between thioredoxin and Ref-1. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 3633-3638.	3.3	756
134	Transactivation of an inducible anti-oxidative stress protein, human thioredoxin by HTLV-I Tax. Immunology Letters, 1996, 54, 67-71.	1.1	67
135	Induction of ADF/TRX by oxidative stress in keratinocytes and lymphoid cells. Immunology Letters, 1995, 44, 189-193.	1.1	109
136	Structure of the mouse thioredoxin-encoding gene and its processed pseudogene. Gene, 1995, 152, 165-171.	1.0	13
137	Effects of combined intravenous nicardipine and diltiazem administration on the circulatory response to laryngoscopy and tracheal intubation. Journal of Anesthesia, 1994, 8, 163-166.	0.7	2