Julian Aragones Lopez

List of Publications by Year
in descending order

49 papers	5,501 citations	159585 30 h-index	197818 49 g-index
50 all docs	50 docs citations	50 times ranked	8862 citing authors

#	Article	IF	Citations
1	Metformin reduces macrophage HIF1Î±-dependent proinflammatory signaling to restore brown adipocyte function in vitro. Redox Biology, 2021, 48, 102171.	9.0	15
2	Neuregulin 4 Downregulation Induces Insulin Resistance in 3T3-L1 Adipocytes through Inflammation and Autophagic Degradation of GLUT4 Vesicles. International Journal of Molecular Sciences, 2021, 22, 12960.	4.1	7
3	Targeting L-type amino acid transporter 1 in innate and adaptive T cells efficiently controls skin inflammation. Journal of Allergy and Clinical Immunology, 2020, 145, 199-214.e11.	2.9	47
4	Differential Contribution of N- and C-Terminal Regions of HIF1Î± and HIF2Î± to Their Target Gene Selectivity. International Journal of Molecular Sciences, 2020, 21, 9401.	4.1	6
5	LAT-1 and GLUT-1 Carrier Expression and Its Prognostic Value in Gastroenteropancreatic Neuroendocrine Tumors. Cancers, 2020, 12, 2968.	3.7	10
6	Hypoxiaâ€inducible factor 2Î± drives hepatosteatosis through the fatty acid translocase CD36. Liver International, 2020, 40, 2553-2567.	3.9	29
7	Acute O ₂ sensing through HIF2Î±-dependent expression of atypical cytochrome oxidase subunits in arterial chemoreceptors. Science Signaling, 2020, 13, .	3.6	60
8	Role of the HIF oxygen sensing pathway in cell defense and proliferation through the control of amino acid metabolism. Biochimica Et Biophysica Acta - Molecular Cell Research, 2020, 1867, 118733.	4.1	13
9	Neuregulin 4 Is a Novel Marker of Beige Adipocyte Precursor Cells in Human Adipose Tissue. Frontiers in Physiology, 2019, 10, 39.	2.8	28
10	HIF1Î± Suppresses Tumor Cell Proliferation through Inhibition of Aspartate Biosynthesis. Cell Reports, 2019, 26, 2257-2265.e4.	6.4	69
11	Synaptic activityâ€induced glycolysis facilitates membrane lipid provision and neurite outgrowth. EMBO Journal, 2018, 37, .	7.8	35
12	Hypoxia-Inducible Factor 2-Dependent Pathways Driving Von Hippelâ€“Lindau-Deficient Renal Cancer. Frontiers in Oncology, 2018, 8, 214.	2.8	46
13	HIF Oxygen Sensing Pathways in Lung Biology. Biomedicines, 2018, 6, 68.	3.2	22
14	CD69 is a direct HIF-1Î± target gene in hypoxia as a mechanism enhancing expression on tumor-infiltrating T lymphocytes. OncoImmunology, 2017, 6, e1283468.	4.6	27
15	Age-dependent obesity and mitochondrial dysfunction. Adipocyte, 2017, 6, 161-166.	2.8	15
16	Role of Mitochondrial Complex IV in Age-Dependent Obesity. Cell Reports, 2016, 16, 2991-3002.	6.4	65
17	From basic mechanisms to clinical applications in heart protection, new players in cardiovascular diseases and cardiac theranostics: meeting report from the third international symposium on â€œNew frontiers in cardiovascular researchâ€. Basic Research in Cardiology, 2016, 111, 69.	5.9	41
18	Role Of Hif2Î± Oxygen Sensing Pathway In Bronchial Epithelial Club Cell Proliferation. Scientific Reports, 2016, 6, 25357.	3.3	41

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19	HIF-2Î±-mediated induction of pulmonary thrombospondin-1 contributes to hypoxia-driven vascular remodelling and vasoconstriction. Cardiovascular Research, 2016, 109, 115-130.	3.8	79
20	Novel perspectives on the PHD-HIF oxygen sensing pathway in cardioprotection mediated by IPC and RIPC. Frontiers in Physiology, 2015, 6, 137.	2.8	26
21	Sensitive and Specific Antibody Probes Directed Against The Erythropoietin Receptor â€“ From Basic Studies To Clinical Implementation. Blood, 2013, 122, 2175-2175.	1.4	0
22	Molecular Pathways: Hypoxia Response in Immune Cells Fighting or Promoting Cancer. Clinical Cancer Research, 2012, 18, 1207-1213.	7.0	182
23	The HIF-1Î± Hypoxia Response in Tumor-Infiltrating T Lymphocytes Induces Functional CD137 (4-1BB) for Immunotherapy. Cancer Discovery, 2012, 2, 608-623.	9.4	156
24	HIF2Î± Acts as an mTORC1 Activator through the Amino Acid Carrier SLC7A5. Molecular Cell, 2012, 48, 681-691.	9.7	170
25	Induction of the Mitochondrial NDUFA4L2 Protein by HIF-1Î± Decreases Oxygen Consumption by Inhibiting Complex I Activity. Cell Metabolism, 2011, 14, 768-779.	16.2	276
26	Myeloid Hypoxia-Inducible Factors in Inflammatory Diseases. Critical Reviews in Immunology, 2011, 31, 1-13.	0.5	4
27	Acute Vhl Gene Inactivation Induces Cardiac HIF-Dependent Erythropoietin Gene Expression. PLoS ONE, 2011, 6, e22589.	2.5	23
28	Matrix-Binding Vascular Endothelial Growth Factor (VEGF) Isoforms Guide Granule Cell Migration in the Cerebellum via VEGF Receptor Flk1. Journal of Neuroscience, 2010, 30, 15052-15066.	3.6	75
29	The association of the angiopoietin/Tie-2 system with the development of metastasis and leukocyte migration in neuroendocrine tumors. Endocrine-Related Cancer, 2010, 17, 897-908.	3.1	24
30	Substrate Fate in Activated Macrophages: A Comparison between Innate, Classic, and Alternative Activation. Journal of Immunology, 2010, 185, 605-614.	0.8	820
31	Mitochondrial reprogramming through cardiac oxygen sensors in ischaemic heart disease. Cardiovascular Research, 2010, 88, 219-228.	3.8	85
32	Loss or Silencing of the PHD1 Prolyl Hydroxylase Protects Livers of Mice Against Ischemia/Reperfusion Injury. Gastroenterology, 2010, 138, 1143-1154.e2.	1.3	108
33	Macrophage Oxygen Sensing Modulates Antigen Presentation and Phagocytic Functions Involving IFN-Î³ Production through the HIF-1Î± Transcription Factor. Journal of Immunology, 2009, 182, 3155-3164.	0.8	85
34	15-Deoxy-Î”12,14-prostaglandin-J2 reveals a new pVHL-independent, lysosomal-dependent mechanism of HIF-1Î± degradation. Cellular and Molecular Life Sciences, 2009, 66, 2167-2180.	5.4	16
35	Inhibition of oxygen sensors as a therapeutic strategy for ischaemic and inflammatory disease. Nature Reviews Drug Discovery, 2009, 8, 139-152.	46.4	302
36	Heterozygous Deficiency of PHD2 Restores Tumor Oxygenation and Inhibits Metastasis via Endothelial Normalization. Cell, 2009, 136, 839-851.	28.9	727

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37	Oxygen Sensors at the Crossroad of Metabolism. Cell Metabolism, 2009, 9, 11-22.	16.2	251
38	Inhibition of Hypoxia Inducible Factor Hydroxylases Protects Against Renal Ischemia-Reperfusion Injury. Journal of the American Society of Nephrology: JASN, 2008, 19, 39-46.	6.1	246
39	Deficiency or inhibition of oxygen sensor Phd1 induces hypoxia tolerance by reprogramming basal metabolism. Nature Genetics, 2008, 40, 170-180.	21.4	433
40	Abnormal Sympathoadrenal Development and Systemic Hypotension in PHD3^{â^'/â^'} Mice. Molecular and Cellular Biology, 2008, 28, 3386-3400.	2.3	176
41	Genetic evidence for a tumor suppressor role of HIF-2Î±. Cancer Cell, 2005, 8, 131-141.	16.8	174
42	Activation of HIF-prolyl Hydroxylases by R59949, an Inhibitor of the Diacylglycerol Kinase. Journal of Biological Chemistry, 2005, 280, 24238-24244.	3.4	52
43	Role of Iron (II)-2-Oxoglutarate-dependent Dioxygenases in the Generation of Hypoxia-induced Phosphatidic Acid through HIF-1/2 and von Hippel-Lindau-independent Mechanisms. Journal of Biological Chemistry, 2004, 279, 9504-9511.	3.4	11
44	Role of diacylglycerol induced by hypoxia in the regulation of HIF-1Î± activity. Biochemical and Biophysical Research Communications, 2004, 315, 44-50.	2.1	30
45	Lack of Evidence for the Involvement of the Phosphoinositide 3-Kinase/Akt Pathway in the Activation of Hypoxia-inducible Factors by Low Oxygen Tension. Journal of Biological Chemistry, 2002, 277, 13508-13517.	3.4	103
46	c-Jun and Hypoxia-Inducible Factor 1 Functionally Cooperate in Hypoxia-Induced Gene Transcription. Molecular and Cellular Biology, 2002, 22, 12-22.	2.3	109
47	Evidence for the Involvement of Diacylglycerol Kinase in the Activation of Hypoxia-inducible Transcription Factor 1 by Low Oxygen Tension. Journal of Biological Chemistry, 2001, 276, 10548-10555.	3.4	101
48	Reduced intracellular oxidative metabolism promotes firm adhesion of human polymorphonuclear leukocytes to vascular endothelium under flow conditions. European Journal of Immunology, 1997, 27, 1942-1951.	2.9	18
49	Dithiocarbamates Trigger Differentiation and Induction of CD11c Gene through AP-1 in the Myeloid Lineage. Journal of Biological Chemistry, 1996, 271, 10924-10931.	3.4	33