

David Macias

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6547307/publications.pdf>

Version: 2024-02-01

24
papers

1,605
citations

516710

16
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

3070
citing authors

#	ARTICLE	IF	CITATIONS
1	An HIF-1 α /VEGF-A Axis in Cytotoxic T Cells Regulates Tumor Progression. <i>Cancer Cell</i> , 2017, 32, 669-683.e5.	16.8	352
2	S-2-hydroxyglutarate regulates CD8+ T-lymphocyte fate. <i>Nature</i> , 2016, 540, 236-241.	27.8	306
3	Remodeling of Bone Marrow Hematopoietic Stem Cell Niches Promotes Myeloid Cell Expansion during Premature or Physiological Aging. <i>Cell Stem Cell</i> , 2019, 25, 407-418.e6.	11.1	202
4	HIF2 α -arginase axis is essential for the development of pulmonary hypertension. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8801-8806.	7.1	140
5	Galactose conjugation of Navitoclax as an efficient strategy to increase senolytic specificity and reduce platelet toxicity. <i>Ageing Cell</i> , 2020, 19, e13142.	6.7	131
6	The Factor Inhibiting HIF Asparaginyl Hydroxylase Regulates Oxidative Metabolism and Accelerates Metabolic Adaptation to Hypoxia. <i>Cell Metabolism</i> , 2018, 27, 898-913.e7.	16.2	55
7	Oxygen-sensing by arterial chemoreceptors: Mechanisms and medical translation. <i>Molecular Aspects of Medicine</i> , 2016, 47-48, 90-108.	6.4	50
8	Deletion of the von Hippel-Lindau gene causes sympathoadrenal cell death and impairs chemoreceptor-mediated adaptation to hypoxia. <i>EMBO Molecular Medicine</i> , 2014, 6, 1577-1592.	6.9	49
9	A Sensor for Low Environmental Oxygen in the Mouse Main Olfactory Epithelium. <i>Neuron</i> , 2016, 92, 1196-1203.	8.1	45
10	The role of Olfr78 in the breathing circuit of mice. <i>Nature</i> , 2018, 561, E33-E40.	27.8	43
11	HIF-2 α is essential for carotid body development and function. <i>ELife</i> , 2018, 7, .	6.0	38
12	Cardiovascular adaptation to hypoxia and the role of peripheral resistance. <i>ELife</i> , 2017, 6, .	6.0	28
13	Implanted neural progenitor cells regulate glial reaction to brain injury and establish gap junctions with host glial cells. <i>Glia</i> , 2014, 62, 623-638.	4.9	27
14	Identification of a gene involved in the juvenile-to-adult transition (JAT) in cultivated olive trees. <i>Tree Genetics and Genomes</i> , 2010, 6, 891-903.	1.6	24
15	Carotid body oxygen sensing and adaptation to hypoxia. <i>Pflugers Archiv European Journal of Physiology</i> , 2016, 468, 59-70.	2.8	24
16	Targeting HIF2 α -ARNT hetero-dimerisation as a novel therapeutic strategy for pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2021, 57, 1902061.	6.7	23
17	Selective accumulation of biotin in arterial chemoreceptors: requirement for carotid body exocytotic dopamine secretion. <i>Journal of Physiology</i> , 2016, 594, 7229-7248.	2.9	20
18	Glycolytic Response to Inflammation Over Time: Role of Myeloid HIF-1 α . <i>Frontiers in Physiology</i> , 2018, 9, 1624.	2.8	11

#	ARTICLE	IF	CITATIONS
19	2-Hydroxyglutarate Metabolism Is Altered in an in vivo Model of LPS Induced Endotoxemia. <i>Frontiers in Physiology</i> , 2020, 11, 147.	2.8	9
20	A Lentiviral Vector That Activates Latent Human Immunodeficiency Virus-1 Proviruses by the Overexpression of Tat and That Kills the Infected Cells. <i>Human Gene Therapy</i> , 2009, 20, 1259-1268.	2.7	8
21	c-Jun kinase mediates expression of VEGF induced at transcriptional level by Rac1 and Cdc42Hs but not by RhoA. <i>Journal of Cellular Biochemistry</i> , 2006, 98, 650-660.	2.6	5
22	Endothelial cell regulation of systemic haemodynamics and metabolism acts through the HIF transcription factors. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 28.	1.9	2
23	Aging of Bone Marrow Microenvironment Promotes Myeloid Bias of Hematopoietic Progenitors and Is a Target in Age-Related Myeloproliferative Neoplasms. <i>Blood</i> , 2018, 132, 3842-3842.	1.4	2
24	Cellular senescence. , 2022, , 3-26.		0