

Carlos Sánchez

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

649
citations

623734

14
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

1104
citing authors

#	ARTICLE	IF	CITATIONS
1	The Chaperone TRAP1 As a Modulator of the Mitochondrial Adaptations in Cancer Cells. <i>Frontiers in Oncology</i> , 2017, 7, 58.	2.8	132
2	Metabolic Plasticity of Tumor Cell Mitochondria. <i>Frontiers in Oncology</i> , 2018, 8, 333.	2.8	74
3	Rational Design of Allosteric and Selective Inhibitors of the Molecular Chaperone TRAP1. <i>Cell Reports</i> , 2020, 31, 107531.	6.4	62
4	Interrelation between the inhibition of glycolytic flux by silibinin and the lowering of mitochondrial ROS production in perfused rat hepatocytes. <i>Life Sciences</i> , 2008, 82, 1070-1076.	4.3	48
5	Beneficial effects of silibinin against the progression of metabolic syndrome, increased oxidative stress, and liver steatosis in <i>Samomys obesus</i> , a relevant animal model of human obesity and diabetes	1.8	38
6	Thyroid hormone inhibits hepatocellular carcinoma progression via induction of differentiation and metabolic reprogramming. <i>Journal of Hepatology</i> , 2020, 72, 1159-1169.	3.7	38
7	Design of Allosteric Stimulators of the Hsp90 ATPase as New Anticancer Leads. <i>Chemistry - A European Journal</i> , 2017, 23, 5188-5192.	3.3	33
8	Regulation of Death Induction and Chemosensitizing Action of 3-Bromopyruvate in Myeloid Leukemia Cells: Energy Depletion, Oxidative Stress, and Protein Kinase Activity Modulation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014, 348, 324-335.	2.5	32
9	Dynamically Shaping Chaperones. Allosteric Modulators of HSP90 Family as Regulatory Tools of Cell Metabolism in Neoplastic Progression. <i>Frontiers in Oncology</i> , 2020, 10, 1177.	2.8	28
10	Honokiol Bis-Dichloroacetate Is a Selective Allosteric Inhibitor of the Mitochondrial Chaperone TRAP1. <i>Antioxidants and Redox Signaling</i> , 2021, 34, 505-516.	5.4	26
11	Acute Mitochondrial Actions of Glitazones on the Liver: a Crucial Parameter for their Antidiabetic Properties. <i>Cellular Physiology and Biochemistry</i> , 2011, 28, 899-910.	1.6	24
12	Hepatic Mitochondrial Alterations and Increased Oxidative Stress in Nutritional Diabetes-Prone <i>Samomys obesus</i> Model. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-8.	3.8	24
13	Machine Learning of Allosteric Effects: The Analysis of Ligand-Induced Dynamics to Predict Functional Effects in TRAP1. <i>Journal of Physical Chemistry B</i> , 2021, 125, 101-114.	2.6	20
14	Targeting the mitochondrial chaperone TRAP1: strategies and therapeutic perspectives. <i>Trends in Pharmacological Sciences</i> , 2021, 42, 566-576.	8.7	19
15	HIF1 α -dependent induction of the mitochondrial chaperone TRAP1 regulates bioenergetic adaptations to hypoxia. <i>Cell Death and Disease</i> , 2021, 12, 434.	6.3	17
16	UCP2 Deficiency Helps to Restrict the Pathogenesis of Experimental Cutaneous and Visceral Leishmaniasis in Mice. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2077.	3.0	15
17	Protein Allostery and Ligand Design: Computational Design Meets Experiments to Discover Novel Chemical Probes. <i>Journal of Molecular Biology</i> , 2022, 434, 167468.	4.2	10
18	Tumor growth of neurofibromin-deficient cells is driven by decreased respiration and hampered by NAD ⁺ and SIRT3. <i>Cell Death and Differentiation</i> , 2022, 29, 1996-2008.	11.2	8