

Alfredo Giménez-Cassina

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,499
citations

430442

18
h-index

580395

25
g-index

25
all docs

25
docs citations

25
times ranked

2968
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Insights and Biological Effects of Glycogen Synthase Kinase 3-specific Inhibitor AR-A014418. <i>Journal of Biological Chemistry</i> , 2003, 278, 45937-45945.	1.6	451
2	BAD-Dependent Regulation of Fuel Metabolism and KATP Channel Activity Confers Resistance to Epileptic Seizures. <i>Neuron</i> , 2012, 74, 719-730.	3.8	145
3	Effect of Mutant p53 Proteins on Glycolysis and Mitochondrial Metabolism. <i>Molecular and Cellular Biology</i> , 2017, 37, .	1.1	74
4	Regulation of mitochondrial nutrient and energy metabolism by BCL-2 family proteins. <i>Trends in Endocrinology and Metabolism</i> , 2015, 26, 165-175.	3.1	71
5	Regulation of Hepatic Energy Metabolism and Gluconeogenesis by BAD. <i>Cell Metabolism</i> , 2014, 19, 272-284.	7.2	67
6	Peroxisome Proliferator-activated Receptor β Coactivator-1 α Isoforms Selectively Regulate Multiple Splicing Events on Target Genes. <i>Journal of Biological Chemistry</i> , 2016, 291, 15169-15184.	1.6	66
7	Mitochondrial Hexokinase II Promotes Neuronal Survival and Acts Downstream of Glycogen Synthase Kinase-3. <i>Journal of Biological Chemistry</i> , 2009, 284, 3001-3011.	1.6	64
8	Fast kinase domain-containing protein 3 is a mitochondrial protein essential for cellular respiration. <i>Biochemical and Biophysical Research Communications</i> , 2010, 401, 440-446.	1.0	60
9	Infectious Delivery and Expression of a 135â€‰kb Human FRDA Genomic DNA Locus Complements Friedreich's Ataxia Deficiency in Human Cells. <i>Molecular Therapy</i> , 2007, 15, 248-254.	3.7	58
10	Functional Recovery in a Friedreich's Ataxia Mouse Model by Frataxin Gene Transfer Using an HSV-1 Amplicon Vector. <i>Molecular Therapy</i> , 2007, 15, 1072-1078.	3.7	52
11	Differentiation of a human neuroblastoma into neuron-like cells increases their susceptibility to transduction by herpesviral vectors. <i>Journal of Neuroscience Research</i> , 2006, 84, 755-767.	1.3	45
12	Disrupted Neuroglial Metabolic Coupling after Peripheral Surgery. <i>Journal of Neuroscience</i> , 2018, 38, 452-464.	1.7	44
13	Changing appetites: the adaptive advantages of fuel choice. <i>Trends in Cell Biology</i> , 2014, 24, 118-127.	3.6	42
14	Thioredoxin reductase 1 suppresses adipocyte differentiation and insulin responsiveness. <i>Scientific Reports</i> , 2016, 6, 28080.	1.6	42
15	Homeostatic Functions of BCL-2 Proteins beyond Apoptosis. <i>Advances in Experimental Medicine and Biology</i> , 2010, 687, 1-32.	0.8	39
16	Hexokinase II gene transfer protects against neurodegeneration in the rotenone and MPTP mouse models of Parkinson's disease. <i>Journal of Neuroscience Research</i> , 2010, 88, 1943-1950.	1.3	33
17	Ketone Bodies in the Brain Beyond Fuel Metabolism: From Excitability to Gene Expression and Cell Signaling. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 732120.	1.4	30
18	Absence of TXNIP in Humans Leads to Lactic Acidosis and Low Serum Methionine Linked to Deficient Respiration on Pyruvate. <i>Diabetes</i> , 2019, 68, 709-723.	0.3	22

#	ARTICLE	IF	CITATIONS
19	Delivery of the 135 kb human frataxin genomic DNA locus gives rise to different frataxin isoforms. <i>Genomics</i> , 2015, 106, 76-82.	1.3	20
20	Measurement of Mitochondrial Oxygen Consumption Rates in Mouse Primary Neurons and Astrocytes. <i>Methods in Molecular Biology</i> , 2015, 1241, 59-69.	0.4	19
21	Fibroblast growth Factor-21 promotes ketone body utilization in neurons through activation of AMP-dependent kinase. <i>Molecular and Cellular Neurosciences</i> , 2019, 101, 103415.	1.0	18
22	Chronic inhibition of glycogen synthase kinase-3 protects against rotenone-induced cell death in human neuron-like cells by increasing BDNF secretion. <i>Neuroscience Letters</i> , 2012, 531, 182-187.	1.0	12
23	Food for thought: Impact of metabolism on neuronal excitability. <i>Experimental Cell Research</i> , 2017, 360, 41-46.	1.2	11
24	Gene transfer into Purkinje cells using herpesviral amplicon vectors in cerebellar cultures. <i>Neurochemistry International</i> , 2007, 50, 181-188.	1.9	8
25	Noxa: A Sweet Twist to Survival and More. <i>Molecular Cell</i> , 2010, 40, 687-688.	4.5	6