

# Alfredo Giménez-Cassina

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3721011/publications.pdf>

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25  
papers

1,499  
citations

430874

18  
h-index

580821

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.	3.4	451
2	BAD-Dependent Regulation of Fuel Metabolism and KATP Channel Activity Confers Resistance to Epileptic Seizures. <i>Neuron</i> , 2012, 74, 719-730.	8.1	145
3	Effect of Mutant p53 Proteins on Glycolysis and Mitochondrial Metabolism. <i>Molecular and Cellular Biology</i> , 2017, 37, .	2.3	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.	7.1	71
5	Regulation of Hepatic Energy Metabolism and Gluconeogenesis by BAD. <i>Cell Metabolism</i> , 2014, 19, 272-284.	16.2	67
6	Peroxisome Proliferator-activated Receptor $\beta$ Coactivator-1 $\alpha$ Isoforms Selectively Regulate Multiple Splicing Events on Target Genes. <i>Journal of Biological Chemistry</i> , 2016, 291, 15169-15184.	3.4	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.	3.4	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.	2.1	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.	8.2	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.	8.2	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.	2.9	45
12	Disrupted Neuroglial Metabolic Coupling after Peripheral Surgery. <i>Journal of Neuroscience</i> , 2018, 38, 452-464.	3.6	44
13	Changing appetites: the adaptive advantages of fuel choice. <i>Trends in Cell Biology</i> , 2014, 24, 118-127.	7.9	42
14	Thioredoxin reductase 1 suppresses adipocyte differentiation and insulin responsiveness. <i>Scientific Reports</i> , 2016, 6, 28080.	3.3	42
15	Homeostatic Functions of BCL-2 Proteins beyond Apoptosis. <i>Advances in Experimental Medicine and Biology</i> , 2010, 687, 1-32.	1.6	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.	2.9	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.	2.9	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.	0.6	22

#	ARTICLE	IF	CITATIONS
19	Delivery of the 135 kb human frataxin genomic DNA locus gives rise to different frataxin isoforms. Genomics, 2015, 106, 76-82.	2.9	20
20	Measurement of Mitochondrial Oxygen Consumption Rates in Mouse Primary Neurons and Astrocytes. Methods in Molecular Biology, 2015, 1241, 59-69.	0.9	19
21	Fibroblast growth Factor-21 promotes ketone body utilization in neurons through activation of AMP-dependent kinase. Molecular and Cellular Neurosciences, 2019, 101, 103415.	2.2	18
22	Chronic inhibition of glycogen synthase kinase-3 protects against rotenone-induced cell death in human neuron-like cells by increasing BDNF secretion. Neuroscience Letters, 2012, 531, 182-187.	2.1	12
23	Food for thought: Impact of metabolism on neuronal excitability. Experimental Cell Research, 2017, 360, 41-46.	2.6	11
24	Gene transfer into Purkinje cells using herpesviral amplicon vectors in cerebellar cultures. Neurochemistry International, 2007, 50, 181-188.	3.8	8
25	Noxa: A Sweet Twist to Survival and More. Molecular Cell, 2010, 40, 687-688.	9.7	6