

Gabriel Gil-Gomez

List of Publications by Year in descending order

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39
papers

2,247
citations

279798

23
h-index

330143

37
g-index

40
all docs

40
docs citations

40
times ranked

2696
citing authors

#	ARTICLE	IF	CITATIONS
1	Peroxisome proliferator-activated receptor mediates induction of the mitochondrial 3-hydroxy-3-methylglutaryl-CoA synthase gene by fatty acids.. Journal of Biological Chemistry, 1994, 269, 18767-18772.	3.4	341
2	The role of the tumor suppressor p53 in spermatogenesis. Cell Death and Differentiation, 1998, 5, 669-677.	11.2	194
3	A link between cell cycle and cell death: Bax and Bcl-2 modulate Cdk2 activation during thymocyte apoptosis. EMBO Journal, 1998, 17, 7209-7218.	7.8	170
4	Molecules in focus Bax. The pro-apoptotic Bcl-2 family member, Bax. International Journal of Biochemistry and Cell Biology, 1998, 30, 647-650.	2.8	156
5	Mcl-1 Interacts with Truncated Bid and Inhibits Its Induction of Cytochrome c Release and Its Role in Receptor-mediated Apoptosis. Journal of Biological Chemistry, 2006, 281, 5750-5759.	3.4	155
6	Bax alpha perturbs T cell development and affects cell cycle entry of T cells.. EMBO Journal, 1996, 15, 6991-7001.	7.8	149
7	Bad Can Act as a Key Regulator of T Cell Apoptosis and T Cell Development. Journal of Experimental Medicine, 1999, 189, 575-586.	8.5	98
8	<sc>GEMC</sc> 1 is a critical regulator of multiciliated cell differentiation. EMBO Journal, 2016, 35, 942-960.	7.8	91
9	Rat mitochondrial and cytosolic 3-hydroxy-3-methylglutaryl-CoA synthases are encoded by two different genes.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 3874-3878.	7.1	87
10	Regulation of the expression of the mitochondrial 3-hydroxy-3-methylglutaryl-CoA synthase gene. Its role in the control of ketogenesis. Biochemical Journal, 1992, 283, 261-264.	3.7	86
11	Role of Bcl-2 family members on apoptosis: what we have learned from knock-out mice. Frontiers in Bioscience - Landmark, 2007, 12, 4722.	3.0	64
12	Defective Cyclin B1 Induction in Trastuzumab-emtansine (T-DM1) Acquired Resistance in HER2-positive Breast Cancer. Clinical Cancer Research, 2017, 23, 7006-7019.	7.0	61
13	Bax alpha perturbs T cell development and affects cell cycle entry of T cells. EMBO Journal, 1996, 15, 6991-7001.	7.8	53
14	Vitamin E But Not 17 β -Estradiol Protects against Vascular Toxicity Induced by β -Amyloid Wild Type and the Dutch Amyloid Variant. Journal of Neuroscience, 2002, 22, 3081-3089.	3.6	51
15	Defects in efferent duct multiciliogenesis underlie male infertility in GEMC1, MCIDAS or CCNO deficient mice. Development (Cambridge), 2019, 146, .	2.5	42
16	The rat mitochondrial 3-hydroxy-3-methylglutaryl-coenzyme-A-synthase gene contains elements that mediate its multihormonal regulation and tissue specificity. FEBS Journal, 1993, 213, 773-779.	0.2	37
17	Combined loss of p21waf1/cip1 and p27kip1 enhances tumorigenesis in mice. Laboratory Investigation, 2011, 91, 1634-1642.	3.7	37
18	Methylglyoxal Produced by Amyloid- β Peptide-Induced Nitrotyrosination of Triosephosphate Isomerase Triggers Neuronal Death in Alzheimer's Disease. Journal of Alzheimer's Disease, 2014, 41, 273-288.	2.6	34

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19	Constitutive Cyclin O deficiency results in penetrant hydrocephalus, impaired growth and infertility. <i>Oncotarget</i> , 2017, 8, 99261-99273.	1.8	33
20	Activation of effector immune cells promotes tumor stochastic extinction: A homotopy analysis approach. <i>Applied Mathematics and Computation</i> , 2015, 252, 484-495.	2.2	29
21	Nucleotide sequence of a rat liver cDNA encoding the Cytosolic 3-hydroxy-3-methylglutaryl coenzyme A synthase. <i>Nucleic Acids Research</i> , 1990, 18, 3642-3642.	14.5	26
22	Gene expression of enzymes regulating ketogenesis and fatty acid metabolism in regenerating rat liver. <i>Biochemical Journal</i> , 1994, 299, 65-69.	3.7	25
23	Fibrinogen nitrotyrosination after ischemic stroke impairs thrombolysis and promotes neuronal death. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 421-428.	3.8	24
24	Testis and ovary express the gene for the ketogenic mitochondrial 3-hydroxy-3-methylglutaryl-CoA synthase. <i>Journal of Lipid Research</i> , 1993, 34, 867-874.	4.2	24
25	Highly Crosslinked Polyethylene Does Not Reduce the Wear in Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2013, 28, 1333-1337.	3.1	23
26	Cdk2 activation acts upstream of the mitochondrion during glucocorticoid induced thymocyte apoptosis. <i>European Journal of Immunology</i> , 2004, 34, 2781-2790.	2.9	22
27	Testis and ovary express the gene for the ketogenic mitochondrial 3-hydroxy-3-methylglutaryl-CoA synthase. <i>Journal of Lipid Research</i> , 1993, 34, 867-74.	4.2	20
28	Identification of a novel cyclin required for the intrinsic apoptosis pathway in lymphoid cells. <i>Cell Death and Differentiation</i> , 2009, 16, 230-243.	11.2	19
29	Transfection of the ketogenic mitochondrial 3-hydroxy-3-methylglutaryl-coenzyme A synthase cDNA into Mev-1 cells corrects their auxotrophy for mevalonate.. <i>Journal of Biological Chemistry</i> , 1994, 269, 28523-28526.	3.4	15
30	Methylation of the regulatory region of the mitochondrial 3-hydroxy-3-methylglutaryl-CoA synthase gene leads to its transcriptional inactivation. <i>Biochemical Journal</i> , 1993, 295, 807-812.	3.7	14
31	Activation of Cdk2 is a requirement for antigen-mediated thymic negative selection. <i>European Journal of Immunology</i> , 2000, 30, 709-713.	2.9	14
32	Measurement of Changes in Apoptosis and Cell Cycle Regulatory Kinase Cdk2. , 2004, 282, 131-144.		11
33	The Cell Cycle and Apoptosis. <i>Results and Problems in Cell Differentiation</i> , 1999, 23, 127-144.	0.7	11
34	Structural characterization of the 3' noncoding region of the gene encoding rat mitochondrial 3-hydroxy-3-methylglutaryl coenzyme A synthase. <i>Gene</i> , 1993, 123, 267-270.	2.2	9
35	Characterization of the gene encoding the 10 kDa polypeptide of photosystem II from <i>Arabidopsis thaliana</i> . <i>Plant Molecular Biology</i> , 1991, 17, 517-522.	3.9	6
36	Immunolocalization of mitochondrial 3-hydroxy-3-methylglutaryl CoA synthase in rat liver. <i>Journal of Cellular Physiology</i> , 1995, 162, 103-109.	4.1	6

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37	Measurement of Changes in Cdk2 and Cyclin O-Associated Kinase Activity in Apoptosis. <i>Methods in Molecular Biology</i> , 2009, 559, 161-172.	0.9	5
38	Transgenic mice in apoptosis research. , 1998, 3, 215-228.		3
39	CCNO mutations in NPH?. <i>Aging</i> , 2018, 10, 158-159.	3.1	2