Hugo Aguirre Armelin

List of Publications by Year
in descending order

66 papers	2,033 citations	346980 22 h-index	274796 44 g-index
68 all docs	68 docs citations	68 times ranked	1421 citing authors

#	Article	IF	Citations
1	Autophagy buffers Ras-induced genotoxic stress enabling malignant transformation in keratinocytes primed by human papillomavirus. Cell Death and Disease, 2021, 12, 194.	2.7	7
2	Fibroblast Growth Factor 2 lethally sensitizes cancer cells to stressâ€targeted therapeutic inhibitors. Molecular Oncology, 2019, 13, 290-306.	2.1	18
3	Where do we aspire to publish? A position paper on scientific communication in biochemistry and molecular biology. Brazilian Journal of Medical and Biological Research, 2019, 52, e8935.	0.7	1
4	FGF2 Antiproliferative Stimulation Induces Proteomic Dynamic Changes and High Expression of FOSB and JUNB in Kâ€Rasâ€Driven Mouse Tumor Cells. Proteomics, 2018, 18, e1800203.	1.3	6
5	Differences in the Detection of BrdU/EdU Incorporation Assays Alter the Calculation for G1, S, and G2 Phases of the Cell Cycle in Trypanosomatids. Journal of Eukaryotic Microbiology, 2017, 64, 756-770.	0.8	30
6	Protein disulfide isomerase externalization in endothelial cells follows classical and unconventional routes. Free Radical Biology and Medicine, 2017, 103, 199-208.	1.3	33
7	An Interdisciplinary Approach for Designing Kinetic Models of the Ras/MAPK Signaling Pathway. Methods in Molecular Biology, 2017, 1636, 455-474.	0.4	2
8	Glyceraldehyde 3-Phosphate Dehydrogenase-Telomere Association Correlates with Redox Status in Trypanosoma cruzi. PLoS ONE, 2015, 10, e0120896.	1.1	20
9	Intratumoral heterogeneity of ADAM23 promotes tumor growth and metastasis through LGI4 and nitric oxide signals. Oncogene, 2015, 34, 1270-1279.	2.6	20
10	Oleic, Linoleic and Linolenic Acids Increase ROS Production by Fibroblasts via NADPH Oxidase Activation. PLoS ONE, 2013, 8, e58626.	1.1	41
11	Fibroblast Growth Factor 2 Causes G2/M Cell Cycle Arrest in Ras-Driven Tumor Cells through a Src-Dependent Pathway. PLoS ONE, 2013, 8, e72582.	1.1	25
12	Serum amyloid A induces reactive oxygen species (ROS) production and proliferation of fibroblast. Clinical and Experimental Immunology, 2011, 163, 362-367.	1.1	44
13	Arginine vasopressin controls p27Kip1 protein expression by PKC activation and irreversibly inhibits the proliferation of K-Ras-dependent mouse Y1 adrenocortical malignant cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 1438-1445.	1.9	5
14	Fibroblast Growth Factor 2 Restrains Ras-Driven Proliferation of Malignant Cells by Triggering RhoA-Mediated Senescence. Cancer Research, 2008, 68, 6215-6223.	0.4	19
15	Vasopressin triggers senescence in K-ras transformed cells via RhoA-dependent downregulation of cyclin D1. Endocrine-Related Cancer, 2007, 14, 1117-1125.	1.6	12
16	Oleic, linoleic and Î³-linolenic acids increase ROS production by fibroblasts via NADPH oxidase activation. Chemistry and Physics of Lipids, 2007, 149, S62.	1.5	0
17	Prediction of steel fibre reinforced concrete under flexure from an inferred fibre pull-out response. Materials and Structures/Materiaux Et Constructions, 2006, 39, 601-610.	1.3	27
18	ACTH receptor: Ectopic expression, activity and signaling. Molecular and Cellular Biochemistry, 2006, 293, 147-160.	1.4	29

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19	c-Ki-ras oncogene amplification and FGF2 signaling pathways in the mouse Y1 adrenocortical cell line. Anais Da Academia Brasileira De Ciencias, 2006, 78, 231-239.	0.3	1
20	GenFlow: generic flow for integration, management and analysis of molecular biology data. Genetics and Molecular Biology, 2004, 27, 691-695.	0.6	3
21	c-Myc protein is stabilized by fibroblast growth factor 2 and destabilized by ACTH to control cell cycle in mouse Y1 adrenocortical cells. Journal of Molecular Endocrinology, 2004, 33, 623-638.	1.1	27
22	Molecular Mechanisms of Cell Cycle Control in the Mouse Y1 Adrenal Cell Line. Endocrine Research, 2004, 30, 503-509.	0.6	11
23	Deconstructing the molecular mechanisms of cell cycle control in a mouse adrenocortical cell line: Roles of ACTH. Microscopy Research and Technique, 2003, 61, 268-274.	1.2	19
24	Arginine Vasopressin Inhibition of Cyclin D1 Gene Expression Blocks the Cell Cycle and Cell Proliferation in the Mouse Y1 Adrenocortical Tumor Cell Lineâ€. Biochemistry, 2003, 42, 2116-2121.	1.2	18
25	ACTH Promotion of p27Kip1Induction in Mouse Y1 Adrenocortical Tumor Cells is Dependent on Both PKA Activation and Akt/PKB Inactivationâ€. Biochemistry, 2002, 41, 10133-10140.	1.2	29
26	A novel double anchored steel fiber for shotcrete. Canadian Journal of Civil Engineering, 2002, 29, 58-63.	0.7	6
27	<title>Simulator for gene expression networks</title>. , 2001, 4266, 248.		2
28	cfos and cjun antisense oligonucleotides block mitogenesis triggered by fibroblast growth factor-2 and ACTH in mouse Y1 adrenocortical cells. Journal of Endocrinology, 2001, 168, 381-389.	1.2	27
29	Role of ERK/MAP Kinase in Mitogenic Interaction Between Acth and FGF2 in Mouse Y1 Adrenocortical Tumor Cells. Endocrine Research, 2000, 26, 873-877.	0.6	19
30	Signal Transduction in G₀/G₁-Arrested Mouse Y1 Adrenocortical Cells Stimulated by Acth and FGF2. Endocrine Research, 2000, 26, 825-832.	0.6	22
31	Acth Inhibits a Ras-Dependent Anti-Apoptotic and Mitogenic Pathway in Mouse Y1 Adrenocortical Cells. Endocrine Research, 2000, 26, 911-914.	0.6	13
32	Control of the adrenocortical cell cycle: interaction between FGF2 and ACTH. Brazilian Journal of Medical and Biological Research, 1999, 32, 841-843.	0.7	5
33	Stimulation of heparan sulfate proteoglycan synthesis and secretion during G1 phase induced by growth factors and PMA. , 1998, 70, 563-572.		26
34	Development of a general model of aggregate rebound for dry-mix shotcreteâ€"(Part II). Materials and Structures/Materiaux Et Constructions, 1998, 31, 195-202.	1.3	30
35	Mechanics of aggregate rebound in shotcreteâ€"(Part I). Materiaux Et Constructions, 1998, 31, 91-98.	0.3	33
36	Acth induces c-fos Proto-Oncogene in fibroblasts expressing the acth receptor. Endocrine Research, 1998, 24, 433-437.	0.6	2

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37	c-FOS Protein is a mediator in mitogenic response to acth.. Endocrine Research, 1998, 24, 421-424.	0.6	9
38	Unmasking a Growth-promoting Effect of the Adrenocorticotropic Hormone in Y1 Mouse Adrenocortical Tumor Cells. Journal of Biological Chemistry, 1997, 272, 29886-29891.	1.6	67
39	Regulation of growth by acth in the Y-1 line of mouse adrenocortical cells. Endocrine Research, 1996, 22, 373-383.	0.6	21
40	Relevance of c-fos proto-oncogene induction for the steroidogenic response to ACTH, dcAMP and phorbol ester in adrenocortical cells. Molecular and Cellular Biochemistry, 1993, 124, 23-32.	1.4	5
41	Induction of FOS and JUN proteins by adrenocorticotropin and phorbol ester but not by 3',5'-cyclic adenosine monophosphate derivatives. Molecular Endocrinology, 1993, 7, 1463-1471.	3.7	26
42	Peptide growth factors and cell cycle control. Biomedicine and Pharmacotherapy, 1990, 44, 103-108.	2.5	0
43	Glucocorticoid dexamethasone reversibly complements EJ-ras oncogene to transform mouse embryo BALB-3T3 cells. Journal of Cellular Biochemistry, 1989, 41, 171-177.	1.2	3
44	Functional role for c-myc in mitogenic response to platelet-derived growth factor. Nature, 1984, 310, 655-660.	13.7	589
45	Ca2+ and Mg2+ requirements for growth are not concomitantly reduced during cell transformation. Molecular and Cellular Biochemistry, 1984, 59, 173-81.	1.4	11
46	DNA synthesis stimulatory activity is low in serum of protein-undernourished children. Journal of Pediatrics, 1984, 104, 744-746.	0.9	1
47	Glucocorticoid hormone renders rat glioma cells dependent on high concentrations of external Ca2+ for growth. Journal of Cellular Physiology, 1983, 115, 99-104.	2.0	4
48	Anchorage dependence and Ca2+ requirement are independently modulated by hydrocortisone hormone in rat C6 glioma cells. Journal of Cellular Physiology, 1983, 117, 155-157.	2.0	1
49	RNA tumor virus production accompanies the transformed phenotype change induced by hydrocortisone hormone in rat glioma cells. Cell Biology International Reports, 1983, 7, 689-696.	0.7	4
50	Glucocorticoid hormone modulation of both cell surface and cytoskeleton related to growth control of rat glioma cells.. Journal of Cell Biology, 1983, 97, 459-465.	2.3	31
51	Control of rat C6 glioma cell proliferation: uncoupling of the inhibitory effects of hydrocortisone hormone in suspension and monolayer cultures.. Journal of Cell Biology, 1983, 97, 455-458.	2.3	20
52	Turnover, change of composition with rate of cell growth and effect of phenylxyloside on synthesis and structure of cell surface sulfated glycosaminoglycans of normal and transformed cells. Biochimica Et Biophysica Acta - General Subjects, 1982, 717, 387-397.	1.1	29
53	Sulfated mucopolysaccharides from normal Swiss 3T3 cell line and its tumorigenic mutant ST1: Possible role of chondroitin sulfates in neoplastic transformation. Biochemical and Biophysical Research Communications, 1978, 84, 794-801.	1.0	34
54	Steroid hormones mediate reversible phenotypic transition between transformed and untransformed states in mouse fibroblasts.. Proceedings of the National Academy of Sciences of the United States of America, 1978, 75, 2805-2809.	3.3	14

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55	Serum and hormonal regulation of the â€œresting-proliferativeâ€•transition in a variant of 3T3 mouse cells. Nature, 1977, 265, 148-151.	13.7	25
56	On the regulation of DNA synthesis in a line of adrenocortical tumor cells: Effect of serum, adrenocorticotropin and pituitary factors. Journal of Cellular Physiology, 1977, 93, 1-9.	2.0	25
57	Control of ovarian cell growth in culture by serum and pituitary factors.. Proceedings of the National Academy of Sciences of the United States of America, 1975, 72, 483-487.	3.3	34
58	Regulation of fibroblast growth in culture. Biochemical and Biophysical Research Communications, 1975, 62, 260-267.	1.0	18
59	Hormones and Regulation of Cell Division: Mammalian Cell Cultures as an Experimental Approach. , 1975, , 1-21.		8
60	Pituitary Extracts and Steroid Hormones in the Control of 3T3 Cell Growth. Proceedings of the National Academy of Sciences of the United States of America, 1973, 70, 2702-2706.	3.3	339
61	Transcription and processing of ribonucleic acid in Rhynchosciara salivary glands. I. Rapidly labeled ribonucleic acid. Biochemistry, 1972, 11, 3663-3672.	1.2	13
62	Transcription and processing of ribonucleic acid in Rhynchosciara salivary glands. II. Hybridization of nuclear and cytoplasmic ribonucleic acid with nuclear deoxyribonucleic acid. Indication of deoxyribonucleic acid amplification. Biochemistry, 1972, 11, 3672-3680.	1.2	10
63	INDICATION OF GENE AMPLIFICATION IN RHYNCHOSCIARA BY RNA-DNA HYBRIDIZATION. Journal of Cell Biology, 1971, 49, 913-916.	2.3	32
64	Extraction and characteristics of a nuclear rapidly labelled RNA fraction from Rhynchosciara salivary glands. Nucleic Acids and Protein Synthesis, 1970, 217, 426-433.	1.7	10
65	Extraction and characterization of newly synthesized RNA from whole cells and cellular fractions of Rhynchosciara angelae salivary glands. Nucleic Acids and Protein Synthesis, 1969, 190, 358-367.	1.7	12
66	Change in patterns of inhibition by actinomycin D of uridine-H3 incorporation into salivary gland RNA of Rhynchosciara at different larval ages. Biochemical and Biophysical Research Communications, 1968, 32, 846-851.	1.0	5