

# Alberto Benguria

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

3,414  
citations

361413

20  
h-index

330143

37  
g-index

40  
all docs

40  
docs citations

40  
times ranked

5712  
citing authors

#	ARTICLE	IF	CITATIONS
1	Senescence in premalignant tumours. <i>Nature</i> , 2005, 436, 642-642.	27.8	1,280
2	Co-option of Neutrophil Fates by Tissue Environments. <i>Cell</i> , 2020, 183, 1282-1297.e18.	28.9	246
3	Culture of human mesenchymal stem cells at low oxygen tension improves growth and genetic stability by activating glycolysis. <i>Cell Death and Differentiation</i> , 2012, 19, 743-755.	11.2	230
4	Modulation of Life-span by Histone Deacetylase Genes in <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 1999, 10, 3125-3136.	2.1	210
5	Integration of a Notch-dependent mesenchymal gene program and Bmp2-driven cell invasiveness regulates murine cardiac valve formation. <i>Journal of Clinical Investigation</i> , 2010, 120, 3493-3507.	8.2	201
6	Human mesenchymal stem cell-replicative senescence and oxidative stress are closely linked to aneuploidy. <i>Cell Death and Disease</i> , 2013, 4, e691-e691.	6.3	192
7	Differential Gene Expression Profile in Omental Adipose Tissue in Women with Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 328-337.	3.6	155
8	Genome-wide mapping of <i>Arabidopsis thaliana</i> origins of DNA replication and their associated epigenetic marks. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 395-400.	8.2	131
9	Rtg2 Protein Links Metabolism and Genome Stability in Yeast Longevity. <i>Genetics</i> , 2004, 166, 765-777.	2.9	88
10	A broad atlas of somatic hypermutation allows prediction of activation-induced deaminase targets. <i>Journal of Experimental Medicine</i> , 2018, 215, 761-771.	8.5	87
11	Epigenetic stratification: the role of individual change in the biological aging process. <i>Experimental Gerontology</i> , 1998, 33, 571-580.	2.8	56
12	Analysis of gene transcription alterations at the blastocyst stage related to the long-term consequences of in vitro culture in mice. <i>Reproduction</i> , 2009, 137, 271-283.	2.6	53
13	Microgravity effects on <i>Drosophila melanogaster</i> behavior and aging. Implications of the IML-2 experiment. <i>Journal of Biotechnology</i> , 1996, 47, 191-201.	3.8	40
14	Phosphorylation of Calmodulin by the Epidermal-growth-factor-receptor Tyrosine Kinase. <i>FEBS Journal</i> , 1994, 224, 909-916.	0.2	39
15	Differential response of the epidermal growth factor receptor tyrosine kinase activity to several plant and mammalian lectins. <i>Molecular and Cellular Biochemistry</i> , 1995, 142, 117-124.	3.1	35
16	Sir2p suppresses recombination of replication forks stalled at the replication fork barrier of ribosomal DNA in <i>Saccharomyces cerevisiae</i> . <i>Nucleic Acids Research</i> , 2003, 31, 893-898.	14.5	35
17	Spaceflight-related suboptimal conditions can accentuate the altered gravity response of <i>Drosophila</i> transcriptome. <i>Molecular Ecology</i> , 2010, 19, 4255-4264.	3.9	35
18	Methotrexate selectively targets human proinflammatory macrophages through a thymidylate synthase/p53 axis. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 2157-2165.	0.9	35

#	ARTICLE	IF	CITATIONS
19	Regulation of the MicroRNA Processor DGCR8 by the Tumor Suppressor ING1. <i>Cancer Research</i> , 2010, 70, 1866-1874.	0.9	34
20	Comparative analysis of <i>Drosophila melanogaster</i> and <i>Caenorhabditis elegans</i> gene expression experiments in the European Soyuz flights to the International Space Station. <i>Advances in Space Research</i> , 2007, 40, 506-512.	2.6	23
21	Chemokines induce axon outgrowth downstream of Hepatocyte Growth Factor and TCF/ $\beta$ -catenin signaling. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 52.	3.7	23
22	Regulatory Interaction between Calmodulin and the Epidermal Growth Factor Receptor. <i>Annals of the New York Academy of Sciences</i> , 1995, 766, 472-476.	3.8	18
23	Effects of the space environment on <i>Drosophila melanogaster</i> development. Implications of the IML-2 experiment. <i>Journal of Biotechnology</i> , 1996, 47, 179-189.	3.8	18
24	Rtg2 Protein Links Metabolism and Genome Stability in Yeast Longevity. <i>Genetics</i> , 2004, 166, 765-777.	2.9	16
25	The activating role of phospho-(Tyr)-calmodulin on the epidermal growth factor receptor. <i>Biochemical Journal</i> , 2015, 472, 195-204.	3.7	15
26	Genome-wide Transcriptional and Functional Analysis of Endoglin Isoforms in the Human Promonocytic Cell Line U937. <i>Journal of Cellular Physiology</i> , 2015, 230, 947-958.	4.1	13
27	Genes differentially expressed by methylprednisolone in vivo in CD4 T lymphocytes from multiple sclerosis patients: potential biomarkers. <i>Pharmacogenomics Journal</i> , 2018, 18, 98-105.	2.0	12
28	Phosphorylation of Calmodulin by Plasma-Membrane-Associated Protein Kinase(s). <i>FEBS Journal</i> , 1995, 234, 50-58.	0.2	10
29	The "ageing" experiment in the spanish soyuz mission to the international space station. <i>Microgravity Science and Technology</i> , 2007, 19, 170-174.	1.4	10
30	Co-regulation analysis of closely linked genes identifies a highly recurrent gain on chromosome 17q25.3 in prostate cancer. <i>BMC Cancer</i> , 2008, 8, 315.	2.6	10
31	Interferon-stimulated genes are associated with peginterferon/ribavirin treatment response regardless of IL28B alleles in hepatitis C virus/HIV-coinfected patients. <i>Aids</i> , 2013, 27, 687-696.	2.2	10
32	Changes in the gene expression profile of A375 human melanoma cells induced by overexpression of multifunctional pigment epithelium-derived factor. <i>Melanoma Research</i> , 2011, 21, 285-297.	1.2	9
33	AG-NGS: A powerful and user-friendly computing application for the semi-automated preparation of next-generation sequencing libraries using open liquid handling platforms. <i>BioTechniques</i> , 2014, 56, 28-35.	1.8	9
34	Preservation of viable biological samples for experiments in space laboratories. <i>Journal of Biotechnology</i> , 1996, 47, 377-393.	3.8	8
35	The "gene" experiment in the spanish soyuz mission to the ISS. effects of the cold transportation step. <i>Microgravity Science and Technology</i> , 2007, 19, 196-200.	1.4	8
36	Experimentation with the Yeast Model. , 1998, , 191-213.		8

#	ARTICLE	IF	CITATIONS
37	The role of gravity in the evolutionary emergence of multicellular complexity: Microgravity effects on arthropod development and aging. <i>Advances in Space Research</i> , 1999, 23, 2075-2082.	2.6	5
38	Transcriptional signature of resting-memory CD4 T cells differentiates spontaneous from treatment-induced HIV control. <i>Journal of Molecular Medicine</i> , 2020, 98, 1093-1105.	3.9	3
39	AG-NGS: A powerful and user-friendly computing application for the semi-automated preparation of next-generation sequencing libraries using open liquid handling platforms. <i>BioTechniques</i> , 2017, 62, xvi.	1.8	1