Juan Carlos Acosta

List of Publications by Year
in descending order

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34 papers	5,986 citations	236612 25 h-index	360668 35 g-index
51 all docs	51 docs citations	51 times ranked	8767 citing authors

#	Article	IF	Citations
1	A complex secretory program orchestrated by the inflammasome controls paracrine senescence. Nature Cell Biology, 2013, 15, 978-990.	4.6	1,566
2	Chemokine Signaling via the CXCR2 Receptor Reinforces Senescence. Cell, 2008, 133, 1006-1018.	13.5	1,446
3	Senescence impairs successful reprogramming to pluripotent stem cells. Genes and Development, 2009, 23, 2134-2139.	2.7	553
4	mTOR regulates MAPKAPK2 translation to control the senescence-associated secretory phenotype. Nature Cell Biology, 2015, 17, 1205-1217.	4.6	552
5	Histone demethylase JMJD3 contributes to epigenetic control of <i>INK4a/ARF</i> by oncogenic RAS. Genes and Development, 2009, 23, 1177-1182.	2.7	318
6	Senescence: a new weapon for cancer therapy. Trends in Cell Biology, 2012, 22, 211-219.	3.6	193
7	Paracrine cellular senescence exacerbates biliary injury and impairs regeneration. Nature Communications, 2018, 9, 1020.	5.8	105
8	The innate immune sensor Toll-like receptor 2 controls the senescence-associated secretory phenotype. Science Advances, 2019, 5, eaaw0254.	4.7	93
9	Suppression of autophagy impedes glioblastoma development and induces senescence. Autophagy, 2016, 12, 1431-1439.	4.3	89
10	Control of senescence by CXCR2 and its ligands. Cell Cycle, 2008, 7, 2956-2959.	1.3	86
11	Notch Signaling Mediates Secondary Senescence. Cell Reports, 2019, 27, 997-1007.e5.	2.9	82
12	p21Cip1 and p27Kip1 Induce Distinct Cell Cycle Effects and Differentiation Programs in Myeloid Leukemia Cells. Journal of Biological Chemistry, 2005, 280, 18120-18129.	1.6	81
13	SKP2 Oncogene Is a Direct MYC Target Gene and MYC Down-regulates p27KIP1 through SKP2 in Human Leukemia Cells. Journal of Biological Chemistry, 2011, 286, 9815-9825.	1.6	79
14	A Role for CXCR2 in Senescence, but What about in Cancer?. Cancer Research, 2009, 69, 2167-2170.	0.4	73
15	Nuclear pore density controls heterochromatin reorganization during senescence. Genes and Development, 2019, 33, 144-149.	2.7	73
16	An adaptive signaling network in melanoma inflammatory niches confers tolerance to MAPK signaling inhibition. Journal of Experimental Medicine, 2017, 214, 1691-1710.	4.2	71
17	Inhibition of cell differentiation: A critical mechanism for MYC-mediated carcinogenesis?. Cell Cycle, 2009, 8, 1148-1157.	1.3	54
18	MYC in Chronic Myeloid Leukemia: Induction of Aberrant DNA Synthesis and Association with Poor Response to Imatinib. Molecular Cancer Research, 2011, 9, 564-576.	1.5	54

#	Article	IF	Citations
19	Myc Inhibits p27-Induced Erythroid Differentiation of Leukemia Cells by Repressing Erythroid Master Genes without Reversing p27-Mediated Cell Cycle Arrest. Molecular and Cellular Biology, 2008, 28, 7286-7295.	1.1	53
20	PHD3 Regulates p53 Protein Stability by Hydroxylating Proline 359. Cell Reports, 2018, 24, 1316-1329.	2.9	51
21	Inhibitory effect of c-Myc on p53-induced apoptosis in leukemia cells. Microarray analysis reveals defective induction of p53 target genes and upregulation of chaperone genes. Oncogene, 2005, 24, 4559-4571.	2.6	43
22	Condensin II mutation causes T-cell lymphoma through tissue-specific genome instability. Genes and Development, 2016, 30, 2173-2186.	2.7	41
23	Myc stimulates cell cycle progression through the activation of Cdk1 and phosphorylation of p27. Scientific Reports, 2019, 9, 18693.	1.6	40
24	MGMT Expression Predicts PARP-Mediated Resistance to Temozolomide. Molecular Cancer Therapeutics, 2015, 14, 1236-1246.	1.9	36
25	A sensitive and affordable multiplex RT-qPCR assay for SARS-CoV-2 detection. PLoS Biology, 2020, 18, e3001030.	2.6	32
26	High p27 protein levels in chronic lymphocytic leukemia are associated to low Myc and Skp2 expression, confer resistance to apoptosis and antagonize Myc effects on cell cycle. Oncotarget, 2014, 5, 4694-4708.	0.8	22
27	Inhibition of the 60S ribosome biogenesis GTPase LSG1 causes endoplasmic reticular disruption and cellular senescence. Aging Cell, 2019, 18, e12981.	3.0	17
28	Cytoplasmic innate immune sensing by the caspase-4 non-canonical inflammasome promotes cellular senescence. Cell Death and Differentiation, 2022, 29, 1267-1282.	5.0	14
29	Unbiased Characterization of the Senescence-Associated Secretome Using SILAC-Based Quantitative Proteomics. Methods in Molecular Biology, 2013, 965, 175-184.	0.4	13
30	Detecting the Senescence-Associated Secretory Phenotype (SASP) by High Content Microscopy Analysis. Methods in Molecular Biology, 2017, 1534, 99-109.	0.4	11
31	Premature Senescence in Cells From Patients With Autosomal Recessive Hypercholesterolemia (ARH). Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2270-2277.	1.1	8
32	<i>In Vivo</i> Modeling of Patient Genetic Heterogeneity Identifies New Ways to Target Cholangiocarcinoma. Cancer Research, 2022, 82, 1548-1559.	0.4	8
33	New 7-aryl analogues of anthracyclines: Synthesis and cytotoxic activity of (Â±)-7-(3,4,5-trimethoxyphenyl)-7-deoxyidarubicinone. Bioorganic and Medicinal Chemistry Letters, 1997, 7, 2955-2958.	1.0	7
34	Measuring the Inflammasome in Oncogene-Induced Senescence. Methods in Molecular Biology, 2019, 1896, 57-70.	0.4	5