

# Aldo Di Leonardo

## List of Publications by Year in descending order

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47  
papers

2,658  
citations

331642

21  
h-index

243610

44  
g-index

48  
all docs

48  
docs citations

48  
times ranked

3034  
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA damage triggers a prolonged p53-dependent G1 arrest and long-term induction of Cip1 in normal human fibroblasts.. Genes and Development, 1994, 8, 2540-2551.	5.9	1,061
2	A reversible, p53-dependent G0/G1 cell cycle arrest induced by ribonucleotide depletion in the absence of detectable DNA damage.. Genes and Development, 1996, 10, 934-947.	5.9	472
3	CENPA overexpression promotes genome instability in pRb-depleted human cells. Molecular Cancer, 2009, 8, 119.	19.2	115
4	The mitotic kinase Aurora-A promotes distant metastases by inducing epithelial-to-mesenchymal transition in ER1±± breast cancer cells. Oncogene, 2014, 33, 599-610.	5.9	111
5	RB acute loss induces centrosome amplification and aneuploidy in murine primary fibroblasts. Molecular Cancer, 2006, 5, 38.	19.2	83
6	Toward a Rationale for the PTC124 (Ataluren) Promoted Readthrough of Premature Stop Codons: A Computational Approach and GFP-Reporter Cell-Based Assay. Molecular Pharmaceutics, 2014, 11, 653-664.	4.6	73
7	NOTCH3 expression is linked to breast cancer seeding and distant metastasis. Breast Cancer Research, 2018, 20, 105.	5.0	58
8	Simultaneous Aurora-A/STK15 overexpression and centrosome amplification induce chromosomal instability in tumour cells with a MIN phenotype. BMC Cancer, 2007, 7, 212.	2.6	46
9	Enhancement of premature stop codon readthrough in the CFTR gene by Ataluren (PTC124) derivatives. European Journal of Medicinal Chemistry, 2015, 101, 236-244.	5.5	42
10	RNAi mediated acute depletion of Retinoblastoma protein (pRb) promotes aneuploidy in human primary cells via micronuclei formation. BMC Cell Biology, 2009, 10, 79.	3.0	41
11	MAD2 depletion triggers premature cellular senescence in human primary fibroblasts by activating a P53 pathway preventing aneuploid cells propagation. Journal of Cellular Physiology, 2012, 227, 3324-3332.	4.1	34
12	Strategies against Nonsense: Oxadiazoles as Translational Readthrough-Inducing Drugs (TRIDs). International Journal of Molecular Sciences, 2019, 20, 3329.	4.1	31
13	Bypass of cell cycle arrest induced by transient DNMT1 post-transcriptional silencing triggers aneuploidy in human cells. Cell Division, 2012, 7, 2.	2.4	30
14	Functional Inactivation of pRB Results in Aneuploid Mammalian Cells After Release From a Mitotic Block. Neoplasia, 2002, 4, 380-387.	5.3	28
15	Does the evidence matter in medicine? The retinoblastoma paradigm. International Journal of Cancer, 2007, 121, 2501-2505.	5.1	28
16	Exploring the readthrough of nonsense mutations by non-acidic Ataluren analogues selected by ligand-based virtual screening. European Journal of Medicinal Chemistry, 2016, 122, 429-435.	5.5	28
17	Rescuing the CFTR protein function: Introducing 1,3,4-oxadiazoles as translational readthrough inducing drugs. European Journal of Medicinal Chemistry, 2018, 159, 126-142.	5.5	28
18	Retinoblastoma epidemiology: Does the evidence matter?. European Journal of Cancer, 2007, 43, 1596-1603.	2.8	27

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19	DNA demethylation caused by 5-Aza-2- $\epsilon$ -deoxycytidine induces mitotic alterations and aneuploidy. <i>Oncotarget</i> , 2016, 7, 3726-3739.	1.8	27
20	Expression of the kinetochore protein Hec1 during the cell cycle in normal and cancer cells and its regulation by the pRb pathway. <i>Cell Cycle</i> , 2010, 9, 4174-4182.	2.6	25
21	Differential gene expression in p53-mediated G1 arrest of human fibroblasts after gamma-irradiation or N-phosphoacetyl-L-aspartate treatment. <i>Carcinogenesis</i> , 2000, 21, 2203-2210.	2.8	22
22	The Sea Urchin <i>sns</i> Insulator Blocks CMV Enhancer following Integration in Human Cells. <i>Biochemical and Biophysical Research Communications</i> , 2001, 284, 987-992.	2.1	22
23	Cell Cycle Regulation of Gene Amplification. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 1993, 58, 655-667.	1.1	21
24	Centrosome amplification induced by hydroxyurea leads to aneuploidy in pRB deficient human and mouse fibroblasts. <i>Cancer Letters</i> , 2006, 238, 153-160.	7.2	21
25	Aurora-A Transcriptional Silencing and Vincristine Treatment Show a Synergistic Effect in Human Tumor Cells. <i>Oncology Research</i> , 2008, 17, 115-125.	1.5	17
26	Caffeine boosts Ataluren's readthrough activity. <i>Heliyon</i> , 2019, 5, e01963.	3.2	17
27	P14ARF: The Absence that Makes the Difference. <i>Genes</i> , 2020, 11, 824.	2.4	14
28	Pyrazole[3,4-d]pyrimidine derivatives loaded into halloysite as potential CDK inhibitors. <i>International Journal of Pharmaceutics</i> , 2021, 599, 120281.	5.2	14
29	p14 <sup>ARF</sup> Prevents Proliferation of Aneuploid Cells by Inducing p53-Dependent Apoptosis. <i>Journal of Cellular Physiology</i> , 2016, 231, 336-344.	4.1	13
30	The retinoblastoma paradigm revisited. <i>Medical Science Monitor</i> , 2008, 14, RA231-40.	1.1	13
31	Targeting Nonsense: Optimization of 1,2,4-Oxadiazole TRIDs to Rescue CFTR Expression and Functionality in Cystic Fibrosis Cell Model Systems. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6420.	4.1	12
32	Chromosome aberrations associated with CAD gene amplification in Chinese hamster cultured cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1988, 199, 111-121.	1.0	11
33	Induction of CAD gene amplification by restriction endonucleases in V79/B7 Chinese hamster cells. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1989, 225, 61-64.	1.1	11
34	Investigating REPAIRv2 as a Tool to Edit CFTR mRNA with Premature Stop Codons. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4781.	4.1	10
35	DNA topoisomerase II inhibition and gene amplification in V79/B7 cells. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1993, 301, 177-182.	1.1	9
36	Proliferation of aneuploid cells induced by CENP-E depletion is counteracted by the p14ARF tumor suppressor. <i>Molecular Genetics and Genomics</i> , 2019, 294, 149-158.	2.1	7

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37	Specific Irreversible Cell-Cycle Arrest and Depletion of Cancer Cells Obtained by Combining Curcumin and the Flavonoids Quercetin and Fisetin. <i>Genes</i> , 2022, 13, 1125.	2.4	7
38	Inhalable nano into micro dry powders for ivacaftor delivery: The role of mannitol and cysteamine as mucus-active agents. <i>International Journal of Pharmaceutics</i> , 2020, 582, 119304.	5.2	6
39	Selection in HAT medium is not a reliable method for the study of reversion from 6-thioguanine resistance to sensitivity. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1982, 104, 377-381.	1.1	4
40	Nalidixic acid-resistant V79 cells with reduced DNA topoisomerase II activity and amplification prone phenotype. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1992, 269, 319-327.	1.0	4
41	Simultaneous reduction of MAD2 and BUBR1 expression induces mitotic spindle alterations associated with p53 dependent cell cycle arrest and death. <i>Cell Biology International</i> , 2014, 38, 933-941.	3.0	4
42	Aneuploid IMR90 cells induced by depletion of pRB, DNMT1 and MAD2 show a common gene expression signature. <i>Genomics</i> , 2020, 112, 2541-2549.	2.9	4
43	Localization of amplified CAD genes on rearranged chromosomes of Chinese hamster cells. <i>Cytotechnology</i> , 1987, 1, 25-31.	1.6	3
44	Assignment* of enolase processed pseudogene (ENO1P) to human chromosome 1 bands 1q41&rarr;q42. <i>Cytogenetic and Genome Research</i> , 1996, 74, 201-202.	1.1	1
45	Transcriptomic Changes Following Partial Depletion of CENP-E in Normal Human Fibroblasts. <i>Genes</i> , 2021, 12, 1322.	2.4	1
46	Cytogenetic manifestations associated with the reversion, by gene amplification, at the HGPRT locus in V79 Chinese hamster cells. <i>Genetical Research</i> , 1989, 53, 201-206.	0.9	0
47	Missing Evidences in Cancer Genetics: The Retinoblastoma Paradigm. <i>Analytical Cellular Pathology</i> , 2008, 30, 509-510.	1.4	0