

Aldo Di Leonardo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Transcriptomic Changes Following Partial Depletion of CENP-E in Normal Human Fibroblasts. <i>Genes</i> , 2021, 12, 1322.	2.4	1
4	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
5	P14ARF: The Absence that Makes the Difference. <i>Genes</i> , 2020, 11, 824.	2.4	14
6	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
7	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
8	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
9	Strategies against Nonsense: Oxadiazoles as Translational Readthrough-Inducing Drugs (TRIDs). <i>International Journal of Molecular Sciences</i> , 2019, 20, 3329.	4.1	31
10	Caffeine boosts Ataluren's readthrough activity. <i>Heliyon</i> , 2019, 5, e01963.	3.2	17
11	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
12	Rescuing the CFTR protein function: Introducing 1,3,4-oxadiazoles as translational readthrough inducing drugs. <i>European Journal of Medicinal Chemistry</i> , 2018, 159, 126-142.	5.5	28
13	NOTCH3 expression is linked to breast cancer seeding and distant metastasis. <i>Breast Cancer Research</i> , 2018, 20, 105.	5.0	58
14	Exploring the readthrough of nonsense mutations by non-acidic Ataluren analogues selected by ligand-based virtual screening. <i>European Journal of Medicinal Chemistry</i> , 2016, 122, 429-435.	5.5	28
15	p14 ^{ARF} Prevents Proliferation of Aneuploid Cells by Inducing p53-Dependent Apoptosis. <i>Journal of Cellular Physiology</i> , 2016, 231, 336-344.	4.1	13
16	DNA demethylation caused by 5-Aza-2'-deoxycytidine induces mitotic alterations and aneuploidy. <i>Oncotarget</i> , 2016, 7, 3726-3739.	1.8	27
17	Enhancement of premature stop codon readthrough in the CFTR gene by Ataluren (PTC124) derivatives. <i>European Journal of Medicinal Chemistry</i> , 2015, 101, 236-244.	5.5	42
18	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

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19	The mitotic kinase Aurora-A promotes distant metastases by inducing epithelial-to-mesenchymal transition in ER ⁺ breast cancer cells. <i>Oncogene</i> , 2014, 33, 599-610.	5.9	111
20	Toward a Rationale for the PTC124 (Ataluren) Promoted Readthrough of Premature Stop Codons: A Computational Approach and GFP-Reporter Cell-Based Assay. <i>Molecular Pharmaceutics</i> , 2014, 11, 653-664.	4.6	73
21	Bypass of cell cycle arrest induced by transient DNMT1 post-transcriptional silencing triggers aneuploidy in human cells. <i>Cell Division</i> , 2012, 7, 2.	2.4	30
22	MAD2 depletion triggers premature cellular senescence in human primary fibroblasts by activating a P53 pathway preventing aneuploid cells propagation. <i>Journal of Cellular Physiology</i> , 2012, 227, 3324-3332.	4.1	34
23	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
24	RNAi mediated acute depletion of Retinoblastoma protein (pRb) promotes aneuploidy in human primary cells via micronuclei formation. <i>BMC Cell Biology</i> , 2009, 10, 79.	3.0	41
25	CENPA overexpression promotes genome instability in pRb-depleted human cells. <i>Molecular Cancer</i> , 2009, 8, 119.	19.2	115
26	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
27	Missing Evidences in Cancer Genetics: The Retinoblastoma Paradigm. <i>Analytical Cellular Pathology</i> , 2008, 30, 509-510.	1.4	0
28	The retinoblastoma paradigm revisited. <i>Medical Science Monitor</i> , 2008, 14, RA231-40.	1.1	13
29	Retinoblastoma epidemiology: Does the evidence matter?. <i>European Journal of Cancer</i> , 2007, 43, 1596-1603.	2.8	27
30	Does the evidence matter in medicine? The retinoblastoma paradigm. <i>International Journal of Cancer</i> , 2007, 121, 2501-2505.	5.1	28
31	Simultaneous Aurora-A/STK15 overexpression and centrosome amplification induce chromosomal instability in tumour cells with a MIN phenotype. <i>BMC Cancer</i> , 2007, 7, 212.	2.6	46
32	RB acute loss induces centrosome amplification and aneuploidy in murine primary fibroblasts. <i>Molecular Cancer</i> , 2006, 5, 38.	19.2	83
33	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
34	Functional Inactivation of pRB Results in Aneuploid Mammalian Cells After Release From a Mitotic Block. <i>Neoplasia</i> , 2002, 4, 380-387.	5.3	28
35	The Sea Urchin sns Insulator Blocks CMV Enhancer following Integration in Human Cells. <i>Biochemical and Biophysical Research Communications</i> , 2001, 284, 987-992.	2.1	22
36	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

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37	Assignment* of enolase processed pseudogene (ENO1P) to human chromosome 1 bands 1q41→q42. Cytogenetic and Genome Research, 1996, 74, 201-202.	1.1	1
38	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
39	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
40	DNA topoisomerase II inhibition and gene amplification in V79/B7 cells. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1993, 301, 177-182.	1.1	9
41	Cell Cycle Regulation of Gene Amplification. Cold Spring Harbor Symposia on Quantitative Biology, 1993, 58, 655-667.	1.1	21
42	Nalidixic acid-resistant V79 cells with reduced DNA topoisomerase II activity and amplification prone phenotype. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1992, 269, 319-327.	1.0	4
43	Cytogenetic manifestations associated with the reversion, by gene amplification, at the HGPRT locus in V79 Chinese hamster cells. Genetical Research, 1989, 53, 201-206.	0.9	0
44	Induction of CAD gene amplification by restriction endonucleases in V79,B7 Chinese hamster cells. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1989, 225, 61-64.	1.1	11
45	Chromosome aberrations associated with CAD gene amplification in Chinese hamster cultured cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1988, 199, 111-121.	1.0	11
46	Localization of amplified CAD genes on rearranged chromosomes of Chinese hamster cells. Cytotechnology, 1987, 1, 25-31.	1.6	3
47	Selection in HAT medium is not a reliable method for the study of reversion from 6-thioguanine resistance to sensitivity. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1982, 104, 377-381.	1.1	4