

Evelyne SÃ©gal-Bendirdjian

List of Publications by Year in descending order

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56
papers

2,063
citations

257450

24
h-index

243625

44
g-index

59
all docs

59
docs citations

59
times ranked

5432
citing authors

#	ARTICLE	IF	CITATIONS
1	Staurosporine induces apoptosis through both caspase-dependent and caspase-independent mechanisms. <i>Oncogene</i> , 2001, 20, 3354-3362.	5.9	366
2	Cisplatin increases PD-L1 expression and optimizes immune check-point blockade in non-small cell lung cancer. <i>Cancer Letters</i> , 2019, 464, 5-14.	7.2	148
3	Immunodetection of human telomerase reverse-transcriptase (hTERT) re-appraised: nucleolin and telomerase cross paths. <i>Journal of Cell Science</i> , 2006, 119, 2797-2806.	2.0	112
4	Retinoids down-regulate telomerase and telomere length in a pathway distinct from leukemia cell differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 6662-6667.	7.1	90
5	Death receptor signaling regulatory function for telomerase: hTERT abolishes TRAIL-induced apoptosis, independently of telomere maintenance. <i>Oncogene</i> , 2004, 23, 7469-7474.	5.9	76
6	Antitumor <i>trans</i> -N-Heterocyclic Carbene-amine-Pt(II) Complexes: Synthesis of Dinuclear Species and Exploratory Investigations of DNA Binding and Cytotoxicity Mechanisms. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 2074-2086.	6.4	72
7	Telomeres and Telomerase: Pharmacological Targets for New Anticancer Strategies?. <i>Current Cancer Drug Targets</i> , 2006, 6, 147-180.	1.6	66
8	Isolation of Mitochondrial DNA-less Mouse Cell Lines and Their Application for Trapping Mouse Synaptosomal Mitochondrial DNA with Deletion Mutations. <i>Journal of Biological Chemistry</i> , 1997, 272, 15510-15515.	3.4	64
9	Non-canonical Roles of Telomerase: Unraveling the Imbrogio. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 332.	3.7	64
10	Nuclear Translocation of a Leukocyte Elastase Inhibitor/Elastase Complex during Staurosporine-Induced Apoptosis: Role in the Generation of Nuclear L-DNase II Activity. <i>Experimental Cell Research</i> , 2000, 254, 99-109.	2.6	63
11	Cisplatin Resistance in a Murine Leukemia Cell Line Is Associated with a Defective Apoptotic Process. <i>Experimental Cell Research</i> , 1995, 218, 201-212.	2.6	60
12	p62/SQSTM1 upregulation constitutes a survival mechanism that occurs during granulocytic differentiation of acute myeloid leukemia cells. <i>Cell Death and Differentiation</i> , 2014, 21, 1852-1861.	11.2	53
13	Autonomous Retinoid Death Signaling Is Suppressed by Converging Signaling Pathways in Immature Leukemia Cells. <i>Molecular Endocrinology</i> , 2001, 15, 1154-1169.	3.7	49
14	Isolation and Characterization of Mitochondrial DNA-less Lines from Various Mammalian Cell Lines by Application of an Anticancer Drug, Ditercalinium. <i>Biochemical and Biophysical Research Communications</i> , 1997, 239, 257-260.	2.1	48
15	Functional involvement of RINF, retinoid-inducible nuclear factor (CXXC5), in normal and tumoral human myelopoiesis. <i>Blood</i> , 2009, 113, 3172-3181.	1.4	47
16	Retinoic acid receptor β and retinoid-X receptor-specific agonists synergistically target telomerase expression and induce tumor cell death. <i>Oncogene</i> , 2003, 22, 9142-9150.	5.9	40
17	Retinoid/arsenic combination therapy of promyelocytic leukemia: induction of telomerase-dependent cell death. <i>Leukemia</i> , 2005, 19, 1806-1811.	7.2	38
18	Apoptosome-independent Pathway for Apoptosis. <i>Journal of Biological Chemistry</i> , 2003, 278, 29571-29580.	3.4	34

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19	Orchestration of multiple arrays of signal cross-talk and combinatorial interactions for maturation and cell death: another vision of t(15;17) preleukemic blast and APL-cell maturation. <i>Oncogene</i> , 2001, 20, 7161-7177.	5.9	32
20	Inhibition of DNA topoisomerases I and II and induction of apoptosis by erbstatin and tyrphostin derivatives. <i>Biochemical Pharmacology</i> , 1994, 48, 549-560.	4.4	29
21	Cyclic AMP can promote APL progression and protect myeloid leukemia cells against anthracycline-induced apoptosis. <i>Cell Death and Disease</i> , 2013, 4, e516-e516.	6.3	29
22	Epigenetic plasticity of hTERT gene promoter determines retinoid capacity to repress telomerase in maturation-resistant acute promyelocytic leukemia cells. <i>Leukemia</i> , 2010, 24, 613-622.	7.2	27
23	Neurotensin regulation induces overexpression and activation of EGFR in HCC and restores response to erlotinib and sorafenib. <i>Cancer Letters</i> , 2017, 388, 73-84.	7.2	27
24	Telomerase regulation by the long non-coding RNA H19 in human acute promyelocytic leukemia cells. <i>Molecular Cancer</i> , 2018, 17, 85.	19.2	27
25	Telomerase regulation in hematological cancers: A matter of stemness?. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2009, 1792, 229-239.	3.8	25
26	hTERT Promotes Imatinib Resistance in Chronic Myeloid Leukemia Cells: Therapeutic Implications. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 711-719.	4.1	24
27	A preclinical mouse model of glioma with an alternative mechanism of telomere maintenance (ALT). <i>International Journal of Cancer</i> , 2015, 136, 1546-1558.	5.1	23
28	Evidence for a reverse transcription intermediate for a marked line transposon in tumoral rat cells. <i>Biochemical and Biophysical Research Communications</i> , 1991, 181, 863-870.	2.1	21
29	Ectopic expression of Bcl-2 switches over nuclear signalling for cAMP-induced apoptosis to granulocytic differentiation. <i>Cell Death and Differentiation</i> , 2000, 7, 1081-1089.	11.2	21
30	The telomere story or the triumph of an open-minded research. <i>Biochimie</i> , 2010, 92, 321-326.	2.6	19
31	Alteration in p53 pathway and defect in apoptosis contribute independently to cisplatin-resistance. <i>Cell Death and Differentiation</i> , 1998, 5, 390-400.	11.2	18
32	Inhibition of human telomerase by oligonucleotide chimeras, composed of an antisense moiety and a chemically modified homo-oligonucleotide. <i>FEBS Letters</i> , 2005, 579, 1411-1416.	2.8	18
33	Telomerase targeting by retinoids in cells from patients with myeloid leukemias of various subtypes, not only APL. <i>Leukemia</i> , 2006, 20, 599-603.	7.2	18
34	Neurotensin Receptor 1 Antagonist SR48692 Improves Response to Carboplatin by Enhancing Apoptosis and Inhibiting Drug Efflux in Ovarian Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 6516-6528.	7.0	18
35	Telomeres and telomerase: From basic research to clinical applications. <i>Biochimie</i> , 2008, 90, 1-4.	2.6	16
36	Heparan Sulfate Proteoglycans Promote Telomerase Internalization and MHC Class II Presentation on Dendritic Cells. <i>Journal of Immunology</i> , 2016, 197, 1597-1608.	0.8	16

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37	The long non coding RNA H19 as a biomarker for breast cancer diagnosis in Lebanese women. Scientific Reports, 2020, 10, 22228.	3.3	16
38	Loss of the Malignant Phenotype of Human Neuroblastoma Cells by a Catalytically Inactive Dominant-Negative hTERT Mutant. Molecular Cancer Therapeutics, 2012, 11, 2384-2393.	4.1	15
39	Activation of Both Protein Kinase A (PKA) Type I and PKA Type II Isozymes Is Required for Retinoid-Induced Maturation of Acute Promyelocytic Leukemia Cells. Molecular Pharmacology, 2013, 83, 1057-1065.	2.3	14
40	Association of a Platinum Complex to a G-Quadruplex Ligand Enhances Telomere Disruption. Chemical Research in Toxicology, 2017, 30, 1629-1640.	3.3	13
41	Modulation of lung cancer cell plasticity and heterogeneity with the restoration of cisplatin sensitivity by neurotensin antibody. Cancer Letters, 2019, 444, 147-161.	7.2	13
42	Identification of human telomerase assembly inhibitors enabled by a novel method to produce hTERT. Nucleic Acids Research, 2015, 43, e99-e99.	14.5	12
43	Exploring hTERT promoter methylation in cutaneous T-cell lymphomas. Molecular Oncology, 2022, 16, 1931-1946.	4.6	12
44	Selective alteration of mitochondrial function by ditercalinium (NSC 335153), a DNA bisintercalating agent. Biochemical Pharmacology, 1990, 39, 109-122.	4.4	11
45	Diagnostics, Prognostic and Therapeutic Exploitation of Telomeres and Telomerase in Leukemias. Current Pharmaceutical Biotechnology, 2006, 7, 171-183.	1.6	10
46	WT1 expression is inversely correlated with MYCN amplification or expression and associated with poor survival in non-MYCN amplified neuroblastoma. Molecular Oncology, 2016, 10, 240-252.	4.6	9
47	Pro-survival role of p62 during granulocytic differentiation of acute myeloid leukemia cells. Molecular and Cellular Oncology, 2014, 1, e970066.	0.7	8
48	Complex context relationships between DNA methylation and accessibility, histone marks, and hTERT gene expression in acute promyelocytic leukemia cells: perspectives for all-trans retinoic acid in cancer therapy. Molecular Oncology, 2020, 14, 1310-1326.	4.6	7
49	Exploring the mechanism of inhibition of human telomerase by cysteine-reactive compounds. FEBS Letters, 2017, 591, 863-874.	2.8	5
50	Platinum Complexes Can Bind to Telomeres by Coordination. International Journal of Molecular Sciences, 2018, 19, 1951.	4.1	5
51	cAMP-Dependent Protein Kinase A (PKA)-Mediated c-Myc Degradation Is Dependent on the Relative Proportion of PKA-I and PKA-II Isozymes. Molecular Pharmacology, 2015, 88, 469-476.	2.3	3
52	cFos Mediates cAMP-Dependent Generation of ROS and Rescue of Maturation Program in Retinoid-Resistant Acute Promyelocytic Leukemia Cell Line NB4-LR1. PLoS ONE, 2012, 7, e50408.	2.5	3
53	The epigenetic regulator RINF (CXXC5) maintains SMAD7 expression in human immature erythroid cells and sustains red blood cells expansion.. Haematologica, 2020, Online ahead of print, 0-0.	3.5	2
54	hTERT DNA Methylation Analysis Identifies a Biomarker for Retinoic Acid-Induced hTERT Repression in Breast Cancer Cell Lines. Biomedicines, 2022, 10, 695.	3.2	2

#	ARTICLE	IF	CITATIONS
55	Telomeres and Telomerase in Neuroblastoma. , 0, , .		1
56	hMZF-2, the Elusive Transcription Factor. Frontiers in Genetics, 2020, 11, 581115.	2.3	1