

Sarantis Gagos

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,718
citations

331259

21
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301761

39
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42
all docs

42
docs citations

42
times ranked

3109
citing authors

#	ARTICLE	IF	CITATIONS
1	Chronic p53-independent p21 expression causes genomic instability by deregulating replication licensing. <i>Nature Cell Biology</i> , 2016, 18, 777-789.	4.6	244
2	Genotype-phenotype correlations in Down syndrome identified by array CGH in 30 cases of partial trisomy and partial monosomy chromosome 21. <i>European Journal of Human Genetics</i> , 2009, 17, 454-466.	1.4	240
3	Alternative lengthening of human telomeres is a conservative <scp>DNA</scp> replication process with features of break-induced replication. <i>EMBO Reports</i> , 2016, 17, 1731-1737.	2.0	133
4	Rif1 Maintains Telomere Length Homeostasis of ESCs by Mediating Heterochromatin Silencing. <i>Developmental Cell</i> , 2014, 29, 7-19.	3.1	102
5	Cdc6 expression represses E-cadherin transcription and activates adjacent replication origins. <i>Journal of Cell Biology</i> , 2011, 195, 1123-1140.	2.3	86
6	Nuclear-Receptor-Mediated Telomere Insertion Leads to Genome Instability in ALT Cancers. <i>Cell</i> , 2015, 160, 913-927.	13.5	86
7	Distinct Roles of BARD1 Isoforms in Mitosis: Full-Length BARD1 Mediates Aurora B Degradation, Cancer-Associated BARD1 ^{Δ2} Scaffolds Aurora B and BRCA2. <i>Cancer Research</i> , 2009, 69, 1125-1134.	0.4	79
8	Human UPF1 interacts with TPP1 and telomerase and sustains telomere leading-strand replication. <i>EMBO Journal</i> , 2011, 30, 4047-4058.	3.5	78
9	Molecular insights into the heterogeneity of telomere reprogramming in induced pluripotent stem cells. <i>Cell Research</i> , 2012, 22, 757-768.	5.7	77
10	Chromosome instability in neoplasia: chaotic roots to continuous growth. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 1014-1033.	1.2	57
11	Monozygotic twins discordant for trisomy 21 and maternal 21q inheritance: A complex series of events. <i>American Journal of Medical Genetics, Part A</i> , 2008, 146A, 2086-2093.	0.7	57
12	A Non-Canonical Function of Zebrafish Telomerase Reverse Transcriptase Is Required for Developmental Hematopoiesis. <i>PLoS ONE</i> , 2008, 3, e3364.	1.1	47
13	A prototypical non-malignant epithelial model to study genome dynamics and concurrently monitor micro-RNAs and proteins in situ during oncogene-induced senescence. <i>BMC Genomics</i> , 2018, 19, 37.	1.2	46
14	Split-hand/split-foot malformation 3 (SHFM3) at 10q24, development of rapid diagnostic methods and gene expression from the region. <i>American Journal of Medical Genetics, Part A</i> , 2006, 140A, 1384-1395.	0.7	33
15	Childhood obesity and leucocyte telomere length. <i>European Journal of Clinical Investigation</i> , 2019, 49, e13178.	1.7	28
16	The helicase domain and C-terminus of human RecQL4 facilitate replication elongation on DNA templates damaged by ionizing radiation. <i>Carcinogenesis</i> , 2012, 33, 1203-1210.	1.3	27
17	Chromosomal and proteome analysis of a new T24-based cell line model for aggressive bladder cancer. <i>Proteomics</i> , 2009, 9, 287-298.	1.3	26
18	Telomere Reprogramming and Maintenance in Porcine iPS Cells. <i>PLoS ONE</i> , 2013, 8, e74202.	1.1	26

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19	EXD2 Protects Stressed Replication Forks and Is Required for Cell Viability in the Absence of BRCA1/2. <i>Molecular Cell</i> , 2019, 75, 605-619.e6.	4.5	26
20	Alternative Lengthening of Telomeres: Recurrent Cytogenetic Aberrations and Chromosome Stability under Extreme Telomere Dysfunction. <i>Neoplasia</i> , 2013, 15, 1301-1313.	2.3	25
21	Molecular and cytogenetic changes in multi-drug resistant cancer cells and their influence on new compounds testing. <i>Cancer Chemotherapy and Pharmacology</i> , 2013, 72, 683-697.	1.1	25
22	Pericentromeric Instability and Spontaneous Emergence of Human Neoacrocentric and Minute Chromosomes in the Alternative Pathway of Telomere Lengthening. <i>Cancer Research</i> , 2008, 68, 8146-8155.	0.4	24
23	SMUG1 Promotes Telomere Maintenance through Telomerase RNA Processing. <i>Cell Reports</i> , 2019, 28, 1690-1702.e10.	2.9	23
24	Cell senescence and a mechanism of clonal evolution leading to continuous cell proliferation, loss of heterozygosity, and tumor heterogeneity: Studies on two immortal colon cancer cell lines. <i>Cancer Genetics and Cytogenetics</i> , 1996, 90, 157-165.	1.0	21
25	Involvement of hepatitis B virus X gene (HBx) integration in hepatocarcinogenesis via a recombination of HBx/Alu core sequence/subtelomeric DNA. <i>FEBS Letters</i> , 2012, 586, 3215-3221.	1.3	13
26	The Roles of Telomerase in the Generation of Polyploidy during Neoplastic Cell Growth. <i>Neoplasia</i> , 2013, 15, 156-IN17.	2.3	13
27	Changes of Chromosomes 1, 3, 6, and 11 in Metastatic Effusions Arising from Breast and Ovarian Cancer. <i>Cancer Genetics and Cytogenetics</i> , 1999, 110, 34-40.	1.0	12
28	Doxorubicin Resistance in a Novel <i>In vitro</i> Model of Human Pleomorphic Liposarcoma Associated with Alternative Lengthening of Telomeres. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 682-692.	1.9	9
29	Unusually stable abnormal karyotype in a highly aggressive melanoma negative for telomerase activity. <i>Molecular Cytogenetics</i> , 2008, 1, 20.	0.4	7
30	Conservation and characterization of unique porcine interstitial telomeric sequences. <i>Science China Life Sciences</i> , 2012, 55, 1029-1037.	2.3	7
31	Karyotypic Flexibility of the Complex Cancer Genome and the Role of Polyploidization in Maintenance of Structural Integrity of Cancer Chromosomes. <i>Cancers</i> , 2020, 12, 591.	1.7	7
32	Clonal evolution of an immunoblastic type non-Hodgkin's lymphoma with der(6)t(1;6)(q11;p11) as its primary cytogenetic abnormality. <i>Cancer Genetics and Cytogenetics</i> , 1995, 79, 59-63.	1.0	6
33	AGO2 localizes to cytokinetic protrusions in a p38-dependent manner and is needed for accurate cell division. <i>Communications Biology</i> , 2021, 4, 726.	2.0	6
34	Selective pericentromeric heterochromatin dismantling caused by TP53 activation during senescence. <i>Nucleic Acids Research</i> , 2022, 50, 7493-7510.	6.5	5
35	The effect of intrauterine growth on leukocyte telomere length at birth. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019, 32, 3948-3953.	0.7	4
36	Chromosome extremities under the microscopy lens: molecular cytogenetics in telomere research. <i>Current Opinion in Genetics and Development</i> , 2020, 60, 69-76.	1.5	4

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37	Desmin deficiency affects the microenvironment of the cardiac side population and Sca1+ stem cell population of the adult heart and impairs their cardiomyogenic commitment. <i>Cell and Tissue Research</i> , 2022, 389, 309-326.	1.5	4
38	Unbalanced X;9 translocation in an infertile male with de novo duplication Xp22.31p22.33. <i>Journal of Assisted Reproduction and Genetics</i> , 2019, 36, 769-775.	1.2	3
39	HN1 interacts with β -tubulin to regulate centrosomes in advanced prostate cancer cells. <i>Cell Cycle</i> , 2021, 20, 1723-1744.	1.3	2
40	Structure and Functions of Telomeres in Organismal Homeostasis and Disease. , 2015, , 247-283.		0
41	Detection of a novel unbalanced X;21 translocation in a girl with Turner syndrome phenotype. <i>Gynecological Endocrinology</i> , 2021, 37, 377-381.	0.7	0