Sarantis Gagos

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Chronic p53-independent p21 expression causes genomic instability by deregulating replication licensing. Nature Cell Biology, 2016, 18, 777-789.	10.3	244
2	Genotype–phenotype correlations in Down syndrome identified by array CGH in 30 cases of partial trisomy and partial monosomy chromosome 21. European Journal of Human Genetics, 2009, 17, 454-466.	2.8	240
3	Alternative lengthening of human telomeres is a conservative <scp>DNA</scp> replication process with features of breakâ€induced replication. EMBO Reports, 2016, 17, 1731-1737.	4.5	133
4	Rif1 Maintains Telomere Length Homeostasis of ESCs by Mediating Heterochromatin Silencing. Developmental Cell, 2014, 29, 7-19.	7.0	102
5	Cdc6 expression represses E-cadherin transcription and activates adjacent replication origins. Journal of Cell Biology, 2011, 195, 1123-1140.	5.2	86
6	Nuclear-Receptor-Mediated Telomere Insertion Leads to Genome Instability in ALT Cancers. Cell, 2015, 160, 913-927.	28.9	86
7	Distinct Roles of BARD1 Isoforms in Mitosis: Full-Length BARD1 Mediates Aurora B Degradation, Cancer-Associated BARD1Î ² Scaffolds Aurora B and BRCA2. Cancer Research, 2009, 69, 1125-1134.	0.9	79
8	Human UPF1 interacts with TPP1 and telomerase and sustains telomere leading-strand replication. EMBO Journal, 2011, 30, 4047-4058.	7.8	78
9	Molecular insights into the heterogeneity of telomere reprogramming in induced pluripotent stem cells. Cell Research, 2012, 22, 757-768.	12.0	77
10	Chromosome instability in neoplasia: chaotic roots to continuous growth. International Journal of Biochemistry and Cell Biology, 2005, 37, 1014-1033.	2.8	57
11	Monozygotic twins discordant for trisomy 21 and maternal 21q inheritance: A complex series of events. American Journal of Medical Genetics, Part A, 2008, 146A, 2086-2093.	1.2	57
12	A Non-Canonical Function of Zebrafish Telomerase Reverse Transcriptase Is Required for Developmental Hematopoiesis. PLoS ONE, 2008, 3, e3364.	2.5	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. BMC Genomics, 2018, 19, 37.	2.8	46
14	Split-hand/split-foot malformation 3 (SHFM3) at 10q24, development of rapid diagnostic methods and gene expression from the region. American Journal of Medical Genetics, Part A, 2006, 140A, 1384-1395.	1.2	33
15	Childhood obesity and leucocyte telomere length. European Journal of Clinical Investigation, 2019, 49, e13178.	3.4	28
16	The helicase domain and C-terminus of human RecQL4 facilitate replication elongation on DNA templates damaged by ionizing radiation. Carcinogenesis, 2012, 33, 1203-1210.	2.8	27
17	Chromosomal and proteome analysis of a new T24â€based cell line model for aggressive bladder cancer. Proteomics, 2009, 9, 287-298.	2.2	26
18	Telomere Reprogramming and Maintenance in Porcine iPS Cells. PLoS ONE, 2013, 8, e74202.	2.5	26

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19	EXD2 Protects Stressed Replication Forks and Is Required for Cell Viability in the Absence of BRCA1/2. Molecular Cell, 2019, 75, 605-619.e6.	9.7	26
20	Alternative Lengthening of Telomeres: Recurrent Cytogenetic Aberrations and Chromosome Stability under Extreme Telomere Dysfunction. Neoplasia, 2013, 15, 1301-1313.	5.3	25
21	Molecular and cytogenetic changes in multi-drugÂresistant cancer cells and their influence on new compounds testing. Cancer Chemotherapy and Pharmacology, 2013, 72, 683-697.	2.3	25
22	Pericentromeric Instability and Spontaneous Emergence of Human Neoacrocentric and Minute Chromosomes in the Alternative Pathway of Telomere Lengthening. Cancer Research, 2008, 68, 8146-8155.	0.9	24
23	SMUG1 Promotes Telomere Maintenance through Telomerase RNA Processing. Cell Reports, 2019, 28, 1690-1702.e10.	6.4	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. Cancer Genetics and Cytogenetics, 1996, 90, 157-165.	1.0	21
25	Involvement of hepatitis B virus X gene (HBx) integration in hepatocarcinogenesis via a recombination of HBx/ <i>Alu</i> core sequence/subtelomeric DNA. FEBS Letters, 2012, 586, 3215-3221.	2.8	13
26	The Roles of Telomerase in the Generation of Polyploidy during Neoplastic Cell Growth. Neoplasia, 2013, 15, 156-IN17.	5.3	13
27	Changes of Chromosomes 1, 3, 6, and 11 in Metastatic Effusions Arising from Breast and Ovarian Cancer. Cancer Genetics and Cytogenetics, 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. Molecular Cancer Therapeutics, 2010, 9, 682-692.	4.1	9
29	Unusually stable abnormal karyotype in a highly aggressive melanoma negative for telomerase activity. Molecular Cytogenetics, 2008, 1, 20.	0.9	7
30	Conservation and characterization of unique porcine interstitial telomeric sequences. Science China Life Sciences, 2012, 55, 1029-1037.	4.9	7
31	Karyotypic Flexibility of the Complex Cancer Genome and the Role of Polyploidization in Maintenance of Structural Integrity of Cancer Chromosomes. Cancers, 2020, 12, 591.	3.7	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. Cancer Genetics and Cytogenetics, 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. Communications Biology, 2021, 4, 726.	4.4	6
34	Selective pericentromeric heterochromatin dismantling caused by TP53 activation during senescence. Nucleic Acids Research, 2022, 50, 7493-7510.	14.5	5
35	The effect of intrauterine growth on leukocyte telomere length at birth. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 3948-3953.	1.5	4
36	Chromosome extremities under the microscopy lens: molecular cytogenetics in telomere research. Current Opinion in Genetics and Development, 2020, 60, 69-76.	3.3	4

#	Article	IF	CITATIONS
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. Cell and Tissue Research, 2022, 389, 309-326.	2.9	4
38	Unbalanced X;9 translocation in an infertile male with de novo duplication Xp22.31p22.33. Journal of Assisted Reproduction and Genetics, 2019, 36, 769-775.	2.5	3
39	HN1 interacts with γ-tubulin to regulate centrosomes in advanced prostate cancer cells. Cell Cycle, 2021, 20, 1723-1744.	2.6	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. Gynecological Endocrinology, 2021, 37, 377-381.	1.7	0