Stavros Taraviras

List of Publications by Year in descending order

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85 papers	3,250 citations	172457 29 h-index	175258 52 g-index
88 all docs	88 docs citations	88 times ranked	4091 citing authors

#	Article	IF	Citations
1	The Human Licensing Factor for DNA Replication Cdt1 Accumulates in G1 and Is Destabilized after Initiation of S-phase. Journal of Biological Chemistry, 2001, 276, 44905-44911.	3.4	231
2	Deregulated Overexpression of hCdt1 and hCdc6 Promotes Malignant Behavior. Cancer Research, 2007, 67, 10899-10909.	0.9	191
3	Overexpression of the Replication Licensing Regulators hCdt1 and hCdc6 Characterizes a Subset of Non-Small-Cell Lung Carcinomas. American Journal of Pathology, 2004, 165, 1351-1365.	3.8	160
4	Characterization of the mouse HNF-4 gene and its expression during mouse embryogenesis. Mechanisms of Development, 1994, 48, 67-79.	1.7	156
5	easyFRAP: an interactive, easy-to-use tool for qualitative and quantitative analysis of FRAP data. Bioinformatics, 2012, 28, 1800-1801.	4.1	155
6	EasyFRAP-web: a web-based tool for the analysis of fluorescence recovery after photobleaching data. Nucleic Acids Research, 2018, 46, W467-W472.	14.5	129
7	Development of the mammalian enteric nervous system. Current Opinion in Genetics and Development, 1999, 9, 321-327.	3.3	100
8	Cdt1 and geminin are down-regulated upon cell cycle exit and are over-expressed in cancer-derived cell lines. FEBS Journal, 2004, 271, 3368-3378.	0.2	91
9	Mcidas and GemC1/Lynkeas are key regulators for the generation of multiciliated ependymal cells in the adult neurogenic niche. Development (Cambridge), 2015, 142, 3661-74.	2.5	91
10	Adult Neural Stem Cells and Multiciliated Ependymal Cells Share a Common Lineage Regulated by the Geminin Family Members. Neuron, 2019, 102, 159-172.e7.	8.1	90
11	Mast cells mediate malignant pleural effusion formation. Journal of Clinical Investigation, 2015, 125, 2317-2334.	8.2	89
12	ILK over-expression in human colon cancer progression correlates with activation of Î²-catenin, down-regulation of E-cadherin and activation of the Akt-FKHR pathway. Journal of Pathology, 2006, 208, 91-99.	4.5	88
13	GemC1 controls multiciliogenesis in the airwayÂepithelium. EMBO Reports, 2016, 17, 400-413.	4.5	81
14	Replication Licensing Aberrations, Replication Stress, and Genomic Instability. Trends in Biochemical Sciences, 2019, 44, 752-764.	7.5	81
15	Licensing of DNA replication, cancer, pluripotency and differentiation: An interlinked world?. Seminars in Cell and Developmental Biology, 2014, 30, 174-180.	5.0	75
16	Cdt1 associates dynamically with chromatin throughout G1 and recruits Geminin onto chromatin. EMBO Journal, 2007, 26, 1303-1314.	7.8	69
17	Quaternary structure of the human Cdt1-Geminin complex regulates DNA replication licensing. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 19807-19812.	7.1	67
18	Wound healing related agents: Ongoing research and perspectives. Advanced Drug Delivery Reviews, 2018, 129, 242-253.	13.7	67

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19	Control over DNA replication in time and space. FEBS Letters, 2012, 586, 2803-2812.	2.8	56
20	Cdt1 and Geminin in cancer: markers or triggers of malignant transformation?. Frontiers in Bioscience - Landmark, 2008, Volume, 4485.	3.0	53
21	ILK Expression in Colorectal Cancer Is Associated with EMT, Cancer Stem Cell Markers and Chemoresistance. Cancer Genomics and Proteomics, 2018, 15, 127-141.	2.0	52
22	Geminin Regulates Cortical Progenitor Proliferation and Differentiation. Stem Cells, 2011, 29, 1269-1282.	3.2	43
23	Idas, a Novel Phylogenetically Conserved Geminin-related Protein, Binds to Geminin and Is Required for Cell Cycle Progression. Journal of Biological Chemistry, 2011, 286, 23234-23246.	3.4	43
24	Dynamic recruitment of licensing factor Cdt1 to sites of DNA damage. Journal of Cell Science, 2011, 124, 422-434.	2.0	39
25	Licensing regulators Geminin and Cdt1 identify progenitor cells of the mouse CNS in a specific phase of the cell cycle. Neuroscience, 2007, 147, 373-387.	2.3	38
26	A Custom Ultra-Low-Cost 3D Bioprinter Supports Cell Growth and Differentiation. Frontiers in Bioengineering and Biotechnology, 2020, 8, 580889.	4.1	38
27	Primary structure, chromosomal mapping, expression and transcriptional activity of murine hepatocyte nuclear factor 4Î³. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2000, 1490, 21-32.	2.4	33
28	Posttranslational modification of microtubules by the MATCAP detyrosinase. Science, 2022, 376, eabn6020.	12.6	33
29	Multi-step Loading of Human Minichromosome Maintenance Proteins in Live Human Cells. Journal of Biological Chemistry, 2013, 288, 35852-35867.	3.4	31
30	How a radial glial cell decides to become a multiciliated ependymal cell. Glia, 2017, 65, 1032-1042.	4.9	31
31	Subtype-specific neuronal differentiation of PC12 cells transfected with Î±2-adrenergic receptors. European Journal of Cell Biology, 2002, 81, 363-374.	3.6	30
32	Differential Geminin Requirement for Proliferation of Thymocytes and Mature T Cells. Journal of Immunology, 2010, 184, 2432-2441.	0.8	30
33	Geminin ablation in vivo enhances tumorigenesis through increased genomic instability. Journal of Pathology, 2018, 246, 134-140.	4.5	29
34	Geminin deletion increases the number of fetal hematopoietic stem cells by affecting the expression of key transcription factors. Development (Cambridge), 2015, 142, 70-81.	2.5	28
35	Myeloid-derived interleukin-1Î² drives oncogenic KRAS-NF-ÎºÎ' addiction in malignant pleural effusion. Nature Communications, 2018, 9, 672.	12.8	28
36	Cdt1 Is Differentially Targeted for Degradation by Anticancer Chemotherapeutic Drugs. PLoS ONE, 2012, 7, e34621.	2.5	27

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37	GemC1 governs multiciliogenesis through direct interaction and transcriptional regulation of p73. Journal of Cell Science, 2019, 132, .	2.0	27
38	CRL4Cdt2: Coupling Genome Stability to Ubiquitination. Trends in Cell Biology, 2020, 30, 290-302.	7.9	27
39	Geminin Cleavage during Apoptosis by Caspase-3 Alters Its Binding Ability to the SWI/SNF Subunit Brahma. Journal of Biological Chemistry, 2007, 282, 9346-9357.	3.4	24
40	Mammalian PNLDC1 is a novel poly(A) specific exonuclease with discrete expression during early development. Nucleic Acids Research, 2016, 44, 8908-8920.	14.5	24
41	Ribosomal DNA and the nucleolus at the heart of aging. Trends in Biochemical Sciences, 2022, 47, 328-341.	7.5	24
42	Identification of Groupings of Graph Theoretical Molecular Descriptors Using a Hybrid Cluster Analysis Approach. Journal of Chemical Information and Computer Sciences, 2000, 40, 1128-1146.	2.8	23
43	GemC1 is a critical switch for neural stem cell generation in the postnatal brain. Glia, 2019, 67, 2360-2373.	4.9	23
44	The Geminin and Idas Coiled Coils Preferentially Form a Heterodimer That Inhibits Geminin Function in DNA Replication Licensing. Journal of Biological Chemistry, 2013, 288, 31624-31634.	3.4	22
45	Controlling centriole numbers: Geminin family members as master regulators of centriole amplification and multiciliogenesis. Chromosoma, 2018, 127, 151-174.	2.2	21
46	The structure of the GemC1 coiled coil and its interaction with the Geminin family of coiled-coil proteins. Acta Crystallographica Section D: Biological Crystallography, 2015, 71, 2278-2286.	2.5	21
47	III. Role of the RET signal transduction pathway in development of the mammalian enteric nervous system. American Journal of Physiology - Renal Physiology, 1998, 275, G183-G186.	3.4	19
48	Direct binding of Cdt2 to PCNA is important for targeting the CRL4^{Cdt2} E3 ligase activity to Cdt1. Life Science Alliance, 2018, 1, e201800238.	2.8	18
49	PCR-Based Strategy for Genotyping Mice and ES Cells Harboring LoxP Sites. BioTechniques, 1998, 25, 968-972.	1.8	17
50	Life without geminin. Cell Cycle, 2010, 9, 3201-3205.	2.6	17
51	Concise Review: Gemininá€"A Tale of Two Tails: DNA Replication and Transcriptional/Epigenetic Regulation in Stem Cells. Stem Cells, 2017, 35, 299-310.	3.2	17
52	Reduced Geminin levels promote cellular senescence. Mechanisms of Ageing and Development, 2013, 134, 10-23.	4.6	15
53	Fanconi anemia proteins and genome fragility: unraveling replication defects for cancer therapy. Trends in Cancer, 2022, 8, 467-481.	7.4	15
54	Tobacco chemical-induced mouse lung adenocarcinoma cell lines pin the prolactin orthologue proliferin as a lung tumour promoter. Carcinogenesis, 2019, 40, 1352-1362.	2.8	14

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55	Chromatin and Nuclear Architecture: Shaping DNA Replication in 3D. Trends in Genetics, 2020, 36, 967-980.	6.7	14
56	Mcidas and GemC1/Lynkeas specify embryonic radial glial cells. Neurogenesis (Austin, Tex), 2016, 3, e1172747.	1.5	13
57	Simple in vitro generation of human leukocyte antigen-Gâ€“expressing T-regulatory cells through pharmacological hypomethylation for adoptive cellular immunotherapy against graft-versus-host disease. Cytotherapy, 2017, 19, 521-530.	0.7	13
58	Alpha 2-Adrenergic Receptors Decrease DNA Replication and Cell Proliferation and Induce Neurite Outgrowth in Transfected Rat Pheochromocytoma Cells. Annals of the New York Academy of Sciences, 2006, 1088, 335-345.	3.8	12
59	Self-renewal mechanisms in neural cancer stem cells. Frontiers in Bioscience - Landmark, 2011, 16, 598.	3.0	12
60	Cell Cycle-dependent Subcellular Translocation of the Human DNA Licensing Inhibitor Geminin. Journal of Biological Chemistry, 2013, 288, 23953-23963.	3.4	12
61	B cell depletion treatment decreases CD4+IL4+ and CD4+CD40L+ T cells in patients with systemic sclerosis. Rheumatology International, 2019, 39, 1889-1898.	3.0	12
62	Neural Stem Cells Transplanted in a Mouse Model of Parkinsonâ€™s Disease Differentiate to Neuronal Phenotypes and Reduce Rotational Deficit. CNS and Neurological Disorders - Drug Targets, 2012, 11, 829-835.	1.4	12
63	T Cell Proliferation and Homeostasis: An Emerging Role for the Cell Cycle Inhibitor Geminin. Critical Reviews in Immunology, 2011, 31, 209-231.	0.5	10
64	Cortical Development and Brain Malformations: Insights From the Differential Regulation of Early Events of DNA Replication. Frontiers in Cell and Developmental Biology, 2019, 7, 29.	3.7	10
65	DNA Replication Inhibitor Geminin and Retinoic Acid Signaling Participate in Complex Interactions Associated With Pluripotency. Cancer Genomics and Proteomics, 2019, 16, 593-601.	2.0	9
66	Geminin prevents DNA damage in vagal neural crest cells to ensure normal enteric neurogenesis. BMC Biology, 2016, 14, 94.	3.8	8
67	Inactivation of Geminin in neural crest cells affects the generation and maintenance of enteric progenitor cells, leading to enteric aganglionosis. Developmental Biology, 2016, 409, 392-405.	2.0	8
68	Fineâ€tuning multiciliated cell differentiation at the postâ€transcriptional level: contribution of <scp>miRâ€34/449</scp> family members. Biological Reviews, 2021, 96, 2321-2332.	10.4	8
69	Generation of Inhibitory Mutants of Hepatocyte Nuclear Factor 4. FEBS Journal, 1997, 244, 883-889.	0.2	7
70	Age and Visual Experience-dependent Expression of NMDAR1 Splice Variants in Rat Retina. Neurochemical Research, 2011, 36, 1417-1425.	3.3	6
71	Sustained GRK2-dependent CREB activation is essential for Î±2-adrenergic receptor-induced PC12 neuronal differentiation. Cellular Signalling, 2020, 66, 109446.	3.6	6
72	Integrin-Linked-Kinase Overexpression Is Implicated in Mechanisms of Genomic Instability in Human Colorectal Cancer. Digestive Diseases and Sciences, 2021, 66, 1510-1523.	2.3	6

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73	Mismatch repair regulates Cdt1 after UV damage. Cell Cycle, 2017, 16, 1143-1144.	2.6	4
74	Whole transcriptome data analysis of mouse embryonic hematopoietic stem and progenitor cells that lack Geminin expression. Data in Brief, 2016, 7, 889-893.	1.0	3
75	3D Reconstitution of the Neural Stem Cell Niche: Connecting the Dots. Frontiers in Bioengineering and Biotechnology, 2021, 9, 705470.	4.1	3
76	Advanced Gene-Targeting Therapies for Motor Neuron Diseases and Muscular Dystrophies. International Journal of Molecular Sciences, 2022, 23, 4824.	4.1	3
77	Small Molecule Inhibitor Targeting CDT1/Geminin Protein Complex Promotes DNA Damage and Cell Death in Cancer Cells. Frontiers in Pharmacology, 2022, 13, 860682.	3.5	3
78	Geminin Participates in Differentiation Decisions of Adult Neural Stem Cells Transplanted in the Hemiparkinsonian Mouse Brain. Stem Cells and Development, 2017, 26, 1214-1222.	2.1	2
79	Visualizing the dynamics of histone variants in the S-phase nucleus. Genome Biology, 2018, 19, 182.	8.8	2
80	In silicoanalysis of DNA re-replication across a complete genome reveals cell-to-cell heterogeneity and genome plasticity. NAR Genomics and Bioinformatics, 2021, 3, lqaa112.	3.2	2
81	Î™n vivo imaging of DNA-bound minichromosome maintenance complex in embryonic mouse cortex. STAR Protocols, 2021, 2, 100234.	1.2	2
82	First case report of Charcotâ€“Marieâ€“Tooth disease type 2CC with a frameshift mutation of NEFH gene in Greece. Neurological Sciences, 2021, 42, 4377-4379.	1.9	2
83	Intrinsic neural stem cell properties define brain hypersensitivity to genotoxic stress. Stem Cell Reports, 2022, , .	4.8	2
84	Ras suppressor-1 (RSU1) exerts a tumor suppressive role with prognostic significance in lung adenocarcinoma. Clinical and Experimental Medicine, 2023, 23, 871-885.	3.6	2
85	Three-Dimensional Models for Studying Neurodegenerative and Neurodevelopmental Diseases. Advances in Experimental Medicine and Biology, 2020, 1195, 35-41.	1.6	1