

Stavros Taraviras

List of Publications by Year in descending order

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85
papers

3,250
citations

172457

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h-index

175258

52
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88
all docs

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docs citations

88
times ranked

4091
citing authors

#	ARTICLE	IF	CITATIONS
1	Ras suppressor-1 (RSU1) exerts a tumor suppressive role with prognostic significance in lung adenocarcinoma. <i>Clinical and Experimental Medicine</i> , 2023, 23, 871-885.	3.6	2
2	Ribosomal DNA and the nucleolus at the heart of aging. <i>Trends in Biochemical Sciences</i> , 2022, 47, 328-341.	7.5	24
3	Fanconi anemia proteins and genome fragility: unraveling replication defects for cancer therapy. <i>Trends in Cancer</i> , 2022, 8, 467-481.	7.4	15
4	Advanced Gene-Targeting Therapies for Motor Neuron Diseases and Muscular Dystrophies. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4824.	4.1	3
5	Small Molecule Inhibitor Targeting CDT1/Geminin Protein Complex Promotes DNA Damage and Cell Death in Cancer Cells. <i>Frontiers in Pharmacology</i> , 2022, 13, 860682.	3.5	3
6	Posttranslational modification of microtubules by the MATCAP detyrosinase. <i>Science</i> , 2022, 376, eabn6020.	12.6	33
7	Intrinsic neural stem cell properties define brain hypersensitivity to genotoxic stress. <i>Stem Cell Reports</i> , 2022, , .	4.8	2
8	Integrin-Linked-Kinase Overexpression Is Implicated in Mechanisms of Genomic Instability in Human Colorectal Cancer. <i>Digestive Diseases and Sciences</i> , 2021, 66, 1510-1523.	2.3	6
9	<i>In silico</i> analysis of DNA re-replication across a complete genome reveals cell-to-cell heterogeneity and genome plasticity. <i>NAR Genomics and Bioinformatics</i> , 2021, 3, lqaa112.	3.2	2
10	Î™n vivo imaging of DNA-bound minichromosome maintenance complex in embryonic mouse cortex. <i>STAR Protocols</i> , 2021, 2, 100234.	1.2	2
11	Fine-tuning multiciliated cell differentiation at the post-transcriptional level: contribution of <i>miR-34/449</i> family members. <i>Biological Reviews</i> , 2021, 96, 2321-2332.	10.4	8
12	First case report of Charcot-Marie-Tooth disease type 2CC with a frameshift mutation of NEFH gene in Greece. <i>Neurological Sciences</i> , 2021, 42, 4377-4379.	1.9	2
13	3D Reconstitution of the Neural Stem Cell Niche: Connecting the Dots. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 705470.	4.1	3
14	Sustained GRK2-dependent CREB activation is essential for Î±2-adrenergic receptor-induced PC12 neuronal differentiation. <i>Cellular Signalling</i> , 2020, 66, 109446.	3.6	6
15	Chromatin and Nuclear Architecture: Shaping DNA Replication in 3D. <i>Trends in Genetics</i> , 2020, 36, 967-980.	6.7	14
16	A Custom Ultra-Low-Cost 3D Bioprinter Supports Cell Growth and Differentiation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 580889.	4.1	38
17	CRL4Cdt2: Coupling Genome Stability to Ubiquitination. <i>Trends in Cell Biology</i> , 2020, 30, 290-302.	7.9	27
18	Three-Dimensional Models for Studying Neurodegenerative and Neurodevelopmental Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1195, 35-41.	1.6	1

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19	<i>GemC1</i> is a critical switch for neural stem cell generation in the postnatal brain. <i>Glia</i> , 2019, 67, 2360-2373.	4.9	23
20	DNA Replication Inhibitor Geminin and Retinoic Acid Signaling Participate in Complex Interactions Associated With Pluripotency. <i>Cancer Genomics and Proteomics</i> , 2019, 16, 593-601.	2.0	9
21	B cell depletion treatment decreases CD4+IL4+ and CD4+CD40L+ T cells in patients with systemic sclerosis. <i>Rheumatology International</i> , 2019, 39, 1889-1898.	3.0	12
22	Replication Licensing Aberrations, Replication Stress, and Genomic Instability. <i>Trends in Biochemical Sciences</i> , 2019, 44, 752-764.	7.5	81
23	<i>GemC1</i> governs multiciliogenesis through direct interaction and transcriptional regulation of p73. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	27
24	Tobacco chemical-induced mouse lung adenocarcinoma cell lines pin the prolactin orthologue proliferin as a lung tumour promoter. <i>Carcinogenesis</i> , 2019, 40, 1352-1362.	2.8	14
25	Cortical Development and Brain Malformations: Insights From the Differential Regulation of Early Events of DNA Replication. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 29.	3.7	10
26	Adult Neural Stem Cells and Multiciliated Ependymal Cells Share a Common Lineage Regulated by the Geminin Family Members. <i>Neuron</i> , 2019, 102, 159-172.e7.	8.1	90
27	Wound healing related agents: Ongoing research and perspectives. <i>Advanced Drug Delivery Reviews</i> , 2018, 129, 242-253.	13.7	67
28	Myeloid-derived interleukin-1 β drives oncogenic KRAS-NF- κ B addiction in malignant pleural effusion. <i>Nature Communications</i> , 2018, 9, 672.	12.8	28
29	Controlling centriole numbers: Geminin family members as master regulators of centriole amplification and multiciliogenesis. <i>Chromosoma</i> , 2018, 127, 151-174.	2.2	21
30	Visualizing the dynamics of histone variants in the S-phase nucleus. <i>Genome Biology</i> , 2018, 19, 182.	8.8	2
31	EasyFRAP-web: a web-based tool for the analysis of fluorescence recovery after photobleaching data. <i>Nucleic Acids Research</i> , 2018, 46, W467-W472.	14.5	129
32	Geminin ablation <i>in vivo</i> enhances tumorigenesis through increased genomic instability. <i>Journal of Pathology</i> , 2018, 246, 134-140.	4.5	29
33	ILK Expression in Colorectal Cancer Is Associated with EMT, Cancer Stem Cell Markers and Chemoresistance. <i>Cancer Genomics and Proteomics</i> , 2018, 15, 127-141.	2.0	52
34	Direct binding of Cdt2 to PCNA is important for targeting the CRL4 ^{Cdt2} E3 ligase activity to Cdt1. <i>Life Science Alliance</i> , 2018, 1, e201800238.	2.8	18
35	Simple <i>in vitro</i> generation of human leukocyte antigen-G α -expressing T-regulatory cells through pharmacological hypomethylation for adoptive cellular immunotherapy against graft-versus-host disease. <i>Cytotherapy</i> , 2017, 19, 521-530.	0.7	13
36	How a radial glial cell decides to become a multiciliated ependymal cell. <i>Glia</i> , 2017, 65, 1032-1042.	4.9	31

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37	Mismatch repair regulates Cdt1 after UV damage. <i>Cell Cycle</i> , 2017, 16, 1143-1144.	2.6	4
38	Geminin Participates in Differentiation Decisions of Adult Neural Stem Cells Transplanted in the Hemiparkinsonian Mouse Brain. <i>Stem Cells and Development</i> , 2017, 26, 1214-1222.	2.1	2
39	Concise Review: Geminin—A Tale of Two Tails: DNA Replication and Transcriptional/Epigenetic Regulation in Stem Cells. <i>Stem Cells</i> , 2017, 35, 299-310.	3.2	17
40	Geminin prevents DNA damage in vagal neural crest cells to ensure normal enteric neurogenesis. <i>BMC Biology</i> , 2016, 14, 94.	3.8	8
41	GemC1 controls multiciliogenesis in the airway epithelium. <i>EMBO Reports</i> , 2016, 17, 400-413.	4.5	81
42	Mcidas and GemC1/Lynkeas specify embryonic radial glial cells. <i>Neurogenesis (Austin, Tex)</i> , 2016, 3, e1172747.	1.5	13
43	Whole transcriptome data analysis of mouse embryonic hematopoietic stem and progenitor cells that lack Geminin expression. <i>Data in Brief</i> , 2016, 7, 889-893.	1.0	3
44	Inactivation of Geminin in neural crest cells affects the generation and maintenance of enteric progenitor cells, leading to enteric aganglionosis. <i>Developmental Biology</i> , 2016, 409, 392-405.	2.0	8
45	Mammalian PNLDC1 is a novel poly(A) specific exonuclease with discrete expression during early development. <i>Nucleic Acids Research</i> , 2016, 44, 8908-8920.	14.5	24
46	Mast cells mediate malignant pleural effusion formation. <i>Journal of Clinical Investigation</i> , 2015, 125, 2317-2334.	8.2	89
47	Geminin deletion increases the number of fetal hematopoietic stem cells by affecting the expression of key transcription factors. <i>Development (Cambridge)</i> , 2015, 142, 70-81.	2.5	28
48	Mcidas and GemC1/Lynkeas are key regulators for the generation of multiciliated ependymal cells in the adult neurogenic niche. <i>Development (Cambridge)</i> , 2015, 142, 3661-74.	2.5	91
49	The structure of the GemC1 coiled coil and its interaction with the Geminin family of coiled-coil proteins. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 2278-2286.	2.5	21
50	Licensing of DNA replication, cancer, pluripotency and differentiation: An interlinked world?. <i>Seminars in Cell and Developmental Biology</i> , 2014, 30, 174-180.	5.0	75
51	Cell Cycle-dependent Subcellular Translocation of the Human DNA Licensing Inhibitor Geminin. <i>Journal of Biological Chemistry</i> , 2013, 288, 23953-23963.	3.4	12
52	Reduced Geminin levels promote cellular senescence. <i>Mechanisms of Ageing and Development</i> , 2013, 134, 10-23.	4.6	15
53	Multi-step Loading of Human Minichromosome Maintenance Proteins in Live Human Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 35852-35867.	3.4	31
54	The Geminin and Idas Coiled Coils Preferentially Form a Heterodimer That Inhibits Geminin Function in DNA Replication Licensing. <i>Journal of Biological Chemistry</i> , 2013, 288, 31624-31634.	3.4	22

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55	easyFRAP: an interactive, easy-to-use tool for qualitative and quantitative analysis of FRAP data. <i>Bioinformatics</i> , 2012, 28, 1800-1801.	4.1	155
56	Control over DNA replication in time and space. <i>FEBS Letters</i> , 2012, 586, 2803-2812.	2.8	56
57	Cdt1 Is Differentially Targeted for Degradation by Anticancer Chemotherapeutic Drugs. <i>PLoS ONE</i> , 2012, 7, e34621.	2.5	27
58	Neural Stem Cells Transplanted in a Mouse Model of Parkinson's Disease Differentiate to Neuronal Phenotypes and Reduce Rotational Deficit. <i>CNS and Neurological Disorders - Drug Targets</i> , 2012, 11, 829-835.	1.4	12
59	T Cell Proliferation and Homeostasis: An Emerging Role for the Cell Cycle Inhibitor Geminin. <i>Critical Reviews in Immunology</i> , 2011, 31, 209-231.	0.5	10
60	Self-renewal mechanisms in neural cancer stem cells. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 598.	3.0	12
61	Dynamic recruitment of licensing factor Cdt1 to sites of DNA damage. <i>Journal of Cell Science</i> , 2011, 124, 422-434.	2.0	39
62	Age and Visual Experience-dependent Expression of NMDAR1 Splice Variants in Rat Retina. <i>Neurochemical Research</i> , 2011, 36, 1417-1425.	3.3	6
63	Geminin Regulates Cortical Progenitor Proliferation and Differentiation. <i>Stem Cells</i> , 2011, 29, 1269-1282.	3.2	43
64	Idas, a Novel Phylogenetically Conserved Geminin-related Protein, Binds to Geminin and Is Required for Cell Cycle Progression. <i>Journal of Biological Chemistry</i> , 2011, 286, 23234-23246.	3.4	43
65	Differential Geminin Requirement for Proliferation of Thymocytes and Mature T Cells. <i>Journal of Immunology</i> , 2010, 184, 2432-2441.	0.8	30
66	Life without geminin. <i>Cell Cycle</i> , 2010, 9, 3201-3205.	2.6	17
67	Quaternary structure of the human Cdt1-Geminin complex regulates DNA replication licensing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 19807-19812.	7.1	67
68	Cdt1 and Geminin in cancer: markers or triggers of malignant transformation?. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 4485.	3.0	53
69	Geminin Cleavage during Apoptosis by Caspase-3 Alters Its Binding Ability to the SWI/SNF Subunit Brahma. <i>Journal of Biological Chemistry</i> , 2007, 282, 9346-9357.	3.4	24
70	Deregulated Overexpression of hCdt1 and hCdc6 Promotes Malignant Behavior. <i>Cancer Research</i> , 2007, 67, 10899-10909.	0.9	191
71	Licensing regulators Geminin and Cdt1 identify progenitor cells of the mouse CNS in a specific phase of the cell cycle. <i>Neuroscience</i> , 2007, 147, 373-387.	2.3	38
72	Cdt1 associates dynamically with chromatin throughout G1 and recruits Geminin onto chromatin. <i>EMBO Journal</i> , 2007, 26, 1303-1314.	7.8	69

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73	ILK over-expression in human colon cancer progression correlates with activation of β -catenin, down-regulation of E-cadherin and activation of the Akt-FKHR pathway. <i>Journal of Pathology</i> , 2006, 208, 91-99.	4.5	88
74	Alpha 2-Adrenergic Receptors Decrease DNA Replication and Cell Proliferation and Induce Neurite Outgrowth in Transfected Rat Pheochromocytoma Cells. <i>Annals of the New York Academy of Sciences</i> , 2006, 1088, 335-345.	3.8	12
75	Cdt1 and geminin are down-regulated upon cell cycle exit and are over-expressed in cancer-derived cell lines. <i>FEBS Journal</i> , 2004, 271, 3368-3378.	0.2	91
76	Overexpression of the Replication Licensing Regulators hCdt1 and hCdc6 Characterizes a Subset of Non-Small-Cell Lung Carcinomas. <i>American Journal of Pathology</i> , 2004, 165, 1351-1365.	3.8	160
77	Subtype-specific neuronal differentiation of PC12 cells transfected with β -adrenergic receptors. <i>European Journal of Cell Biology</i> , 2002, 81, 363-374.	3.6	30
78	The Human Licensing Factor for DNA Replication Cdt1 Accumulates in G1 and Is Destabilized after Initiation of S-phase. <i>Journal of Biological Chemistry</i> , 2001, 276, 44905-44911.	3.4	231
79	Primary structure, chromosomal mapping, expression and transcriptional activity of murine hepatocyte nuclear factor 4 β . <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2000, 1490, 21-32.	2.4	33
80	Identification of Groupings of Graph Theoretical Molecular Descriptors Using a Hybrid Cluster Analysis Approach. <i>Journal of Chemical Information and Computer Sciences</i> , 2000, 40, 1128-1146.	2.8	23
81	Development of the mammalian enteric nervous system. <i>Current Opinion in Genetics and Development</i> , 1999, 9, 321-327.	3.3	100
82	III. Role of the RET signal transduction pathway in development of the mammalian enteric nervous system. <i>American Journal of Physiology - Renal Physiology</i> , 1998, 275, G183-G186.	3.4	19
83	PCR-Based Strategy for Genotyping Mice and ES Cells Harboring LoxP Sites. <i>BioTechniques</i> , 1998, 25, 968-972.	1.8	17
84	Generation of Inhibitory Mutants of Hepatocyte Nuclear Factor 4. <i>FEBS Journal</i> , 1997, 244, 883-889.	0.2	7
85	Characterization of the mouse HNF-4 gene and its expression during mouse embryogenesis. <i>Mechanisms of Development</i> , 1994, 48, 67-79.	1.7	156