

Daniel Eduardo GÃ³mez

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

3,178
citations

147786

31
h-index

168376

53
g-index

91
all docs

91
docs citations

91
times ranked

3619
citing authors

#	ARTICLE	IF	CITATIONS
1	Tissue inhibitor of metalloproteinases-1 promotes liver fibrosis development in a transgenic mouse model. <i>Hepatology</i> , 2000, 32, 1248-1254.	7.3	233
2	Ras oncogene mediated induction of a 92kDa metalloproteinase; strong correlation with the malignant phenotype. <i>Biochemical and Biophysical Research Communications</i> , 1988, 154, 832-838.	2.1	202
3	Deregulation of the signaling pathways controlling urokinase production. Its relationship with the invasive phenotype. <i>FEBS Journal</i> , 1999, 263, 295-304.	0.2	170
4	The copper-chelating agent, trientine, suppresses tumor development and angiogenesis in the murine hepatocellular carcinoma cells. <i>International Journal of Cancer</i> , 2001, 94, 768-773.	5.1	145
5	Reduction of mouse mammary tumor formation and metastasis by lovastatin, an inhibitor of the mevalonate pathway of cholesterol synthesis. <i>Breast Cancer Research and Treatment</i> , 1998, 50, 83-93.	2.5	135
6	Telomere structure and telomerase in health and disease. <i>International Journal of Oncology</i> , 2012, 41, 1561-1569.	3.3	126
7	Mammary carcinoma cells over-expressing tissue inhibitor of metalloproteinases-1 show vascular endothelial growth factor expression. <i>International Journal of Cancer</i> , 1998, 75, 81-87.	5.1	111
8	CIGB-300, a novel proapoptotic peptide that impairs the CK2 phosphorylation and exhibits anticancer properties both in vitro and in vivo. <i>Molecular and Cellular Biochemistry</i> , 2008, 316, 163-167.	3.1	86
9	Irreversible Telomere Shortening by 3-azido-2,3-dideoxythymidine (AZT) Treatment. <i>Biochemical and Biophysical Research Communications</i> , 1998, 246, 107-110.	2.1	80
10	NGcGM3 Ganglioside: A Privileged Target for Cancer Vaccines. <i>Clinical and Developmental Immunology</i> , 2010, 2010, 1-8.	3.3	67
11	Preclinical Development of Novel Rac1-GEF Signaling Inhibitors using a Rational Design Approach in Highly Aggressive Breast Cancer Cell Lines. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014, 14, 840-851.	1.7	67
12	Systemic administration of a peptide that impairs the protein kinase (CK2) phosphorylation reduces solid tumor growth in mice. <i>International Journal of Cancer</i> , 2008, 122, 57-62.	5.1	64
13	Tumor invasion, proteolysis, and angiogenesis. <i>Journal of Neuro-Oncology</i> , 1994, 18, 89-103.	2.9	63
14	Telomerase as a Cancer Target. Development of New Molecules. <i>Current Topics in Medicinal Chemistry</i> , 2016, 16, 2432-2440.	2.1	62
15	Lovastatin alters cytoskeleton organization and inhibits experimental metastasis of mammary carcinoma cells. <i>Clinical and Experimental Metastasis</i> , 2002, 19, 551-560.	3.3	58
16	Enhanced RNA expression of tissue inhibitor of metalloproteinases-1 (TIMP-1) in human breast cancer. , 1996, 69, 131-134.		52
17	The Functional Interaction between Acyl-CoA Synthetase 4, 5-Lipoxygenase and Cyclooxygenase-2 Controls Tumor Growth: A Novel Therapeutic Target. <i>PLoS ONE</i> , 2012, 7, e40794.	2.5	51
18	New drugs are not enough drug repositioning in oncology: An update. <i>International Journal of Oncology</i> , 2020, 56, 651-684.	3.3	50

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19	Neurogenic differentiation of human adipose-derived stem cells: Relevance of different signaling molecules, transcription factors, and key marker genes. <i>Gene</i> , 2012, 511, 427-436.	2.2	49
20	AZT as a telomerase inhibitor. <i>Frontiers in Oncology</i> , 2012, 2, 113.	2.8	45
21	CIGB-300, a synthetic peptide-based drug that targets the CK2 phosphoacceptor domain. Translational and clinical research. <i>Molecular and Cellular Biochemistry</i> , 2011, 356, 45-50.	3.1	41
22	Partial Characterization of Novel Serine Proteinase Inhibitors from Human Umbilical Vein Endothelial Cells. <i>Archives of Biochemistry and Biophysics</i> , 1995, 319, 55-62.	3.0	40
23	The role of protein kinase C and novel phorbol ester receptors in tumor cell invasion and metastasis (Review).. <i>Oncology Reports</i> , 1999, 6, 1363-70.	2.6	40
24	Active Specific Immunotherapy of Melanoma with a GM3 Ganglioside-Based Vaccine. <i>Journal of Immunotherapy</i> , 2004, 27, 442-451.	2.4	39
25	Metastasis: Recent Discoveries and Novel Perioperative Treatment Strategies with Particular Interest in the Hemostatic Compound Desmopressin. <i>Current Pharmaceutical Biotechnology</i> , 2011, 12, 1974-1980.	1.6	39
26	Antitumor properties of an anti-idiotypic monoclonal antibody in relation to N-glycolyl-containing gangliosides.. <i>Oncology Reports</i> , 2000, 7, 751-6.	2.6	37
27	Chronic In Vitro Exposure to 3-azido-2,3-dideoxythymidine Induces Senescence and Apoptosis and Reduces Tumorigenicity of Metastatic Mouse Mammary Tumor Cells. <i>Breast Cancer Research and Treatment</i> , 2001, 65, 93-99.	2.5	36
28	Desmopressin inhibits lung and lymph node metastasis in a mouse mammary carcinoma model of surgical manipulation. <i>Journal of Surgical Oncology</i> , 2002, 81, 38-44.	1.7	36
29	Reduction of tumor angiogenesis induced by desmopressin in a breast cancer model. <i>Breast Cancer Research and Treatment</i> , 2013, 142, 9-18.	2.5	34
30	A phase II dose-escalation trial of perioperative desmopressin (1-desamino-8-d-arginine vasopressin) in breast cancer patients. <i>SpringerPlus</i> , 2015, 4, 428.	1.2	34
31	Antimetastatic effect of desmopressin in a mouse mammary tumor model. <i>Breast Cancer Research and Treatment</i> , 1999, 57, 271-275.	2.5	32
32	Perioperative desmopressin prolongs survival in surgically treated bitches with mammary gland tumours: A pilot study. <i>Veterinary Journal</i> , 2008, 178, 103-108.	1.7	32
33	Effect of Adjuvant Perioperative Desmopressin in Locally Advanced Canine Mammary Carcinoma and its Relation to Histologic Grade. <i>Journal of the American Animal Hospital Association</i> , 2011, 47, 21-27.	1.1	32
34	Pharmacological inhibition of Rac1-PAK1 axis restores tamoxifen sensitivity in human resistant breast cancer cells. <i>Cellular Signalling</i> , 2017, 30, 154-161.	3.6	32
35	New inhibitor targeting Acyl-CoA synthetase 4 reduces breast and prostate tumor growth, therapeutic resistance and steroidogenesis. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 2893-2910.	5.4	31
36	Ganglioside-based vaccines and anti-idiotypic antibodies for active immunotherapy against cancer. <i>Expert Review of Vaccines</i> , 2003, 2, 817-823.	4.4	30

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37	Racotumomab: an anti-idiotypic vaccine related to N-glycolyl-containing gangliosides â€“ preclinical and clinical data. <i>Frontiers in Oncology</i> , 2012, 2, 150.	2.8	30
38	Antiproliferative effect of 1-deamino-8-D-arginine vasopressin analogs on human breast cancer cells. <i>Future Medicinal Chemistry</i> , 2011, 3, 1987-1993.	2.3	28
39	Sensitivity of tumor cells towards CIGB-300 anticancer peptide relies on its nucleolar localization. <i>Journal of Peptide Science</i> , 2012, 18, 215-223.	1.4	28
40	The novel desmopressin analogue [V4Q5]dDAVP inhibits angiogenesis, tumour growth and metastases in vasopressin type 2 receptor-expressing breast cancer models. <i>International Journal of Oncology</i> , 2015, 46, 2335-2345.	3.3	28
41	A purified GM3 ganglioside conjugated vaccine induces specific, adjuvant-dependent and non-transient antitumour activity against B16 mouse melanoma in vitro and in vivo. <i>Melanoma Research</i> , 2001, 11, 219-227.	1.2	27
42	Transcriptional Characterization of Wnt and Notch Signaling Pathways in Neuronal Differentiation of Human Adipose Tissue-Derived Stem Cells. <i>Journal of Molecular Neuroscience</i> , 2011, 44, 186-194.	2.3	27
43	Proapoptotic and antiinvasive activity of Rac1 small molecule inhibitors on malignant glioma cells. <i>OncoTargets and Therapy</i> , 2014, 7, 2021.	2.0	26
44	Complete Antitumor Protection by Perioperative Immunization with GM3/VSSP Vaccine in a Preclinical Mouse Melanoma Model. <i>Clinical Cancer Research</i> , 2006, 12, 7092-7098.	7.0	21
45	CIGB-300, a proapoptotic peptide, inhibits angiogenesis in vitro and in vivo. <i>Experimental Cell Research</i> , 2011, 317, 1677-1688.	2.6	20
46	Expression of gelatinase/type IV collagenase in tumor necrosis correlates with cell detachment and tumor invasion. <i>Clinical and Experimental Metastasis</i> , 1992, 10, 211-220.	3.3	19
47	Exogenous incorporation of neugc-rich mucin augments n-glycolyl sialic acid content and promotes malignant phenotype in mouse tumor cell lines. <i>Journal of Experimental and Clinical Cancer Research</i> , 2009, 28, 146.	8.6	18
48	Differential Expression of Shh and BMP Signaling in the Potential Conversion of Human Adipose Tissue Stem Cells Into Neuron-Like Cells In Vitro. <i>Gene Expression</i> , 2010, 14, 307-319.	1.2	18
49	Telomerase regulation: A key to inhibition?. <i>International Journal of Oncology</i> , 2013, 43, 1351-1356.	3.3	18
50	Protein universe containing a PUA RNA-binding domain. <i>FEBS Journal</i> , 2014, 281, 74-87.	4.7	18
51	Mechanisms of Cellular Uptake, Intracellular Transportation, and Degradation of CIGB-300, a Tat-Conjugated Peptide, in Tumor Cell Lines. <i>Molecular Pharmaceutics</i> , 2014, 11, 1798-1807.	4.6	18
52	Long-term exposure to elevated levels of circulating TIMP-1 but not mammary TIMP-1 suppresses growth of mammary carcinomas in transgenic mice. <i>Carcinogenesis</i> , 2004, 25, 1735-1746.	2.8	17
53	Telomeropathies: Etiology, diagnosis, treatment and follow-up. Ethical and legal considerations. <i>Clinical Genetics</i> , 2019, 96, 3-16.	2.0	17
54	Preclinical evaluation of racotumomab, an anti-idiotypic monoclonal antibody to N-glycolyl-containing gangliosides, with or without chemotherapy in a mouse model of non-small cell lung cancer. <i>Frontiers in Oncology</i> , 2012, 2, 160.	2.8	16

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55	Antitumor effects of desmopressin in combination with chemotherapeutic agents in a mouse model of breast cancer. <i>Anticancer Research</i> , 2008, 28, 2607-11.	1.1	16
56	Effects of the synthetic vasopressin analog desmopressin in a mouse model of colon cancer. <i>Anticancer Research</i> , 2010, 30, 5049-54.	1.1	16
57	Immunomagnetic separation as a final purification step of liver endothelial cells. <i>In Vitro Cellular & Developmental Biology</i> , 1993, 29, 451-455.	1.0	15
58	Homology Model and Docking-Based Virtual Screening for Ligands of Human Dyskerin as New Inhibitors of Telomerase for Cancer Treatment. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3216.	4.1	15
59	Preclinical Efficacy of [V4 Q5]dDAVP, a Second Generation Vasopressin Analog, on Metastatic Spread and Tumor-Associated Angiogenesis in Colorectal Cancer. <i>Cancer Research and Treatment</i> , 2019, 51, 438-450.	3.0	15
60	RAC3 more than a nuclear receptor coactivator: a key inhibitor of senescence that is downregulated in aging. <i>Cell Death and Disease</i> , 2015, 6, e1902-e1902.	6.3	14
61	Antitumor protection by NCcGM3/VSSP vaccine against transfected B16 mouse melanoma cells overexpressing N-glycolylated gangliosides. <i>In Vivo</i> , 2012, 26, 609-17.	1.3	14
62	Structure-activity relationship of 1-desamino-8-D-arginine vasopressin as an antiproliferative agent on human vasopressin V2 receptor-expressing cancer cells. <i>Molecular Medicine Reports</i> , 2014, 9, 2568-2572.	2.4	13
63	AZT exerts its antitumoral effect by telomeric and non-telomeric effects in a mammary adenocarcinoma model. <i>Oncology Reports</i> , 2016, 36, 2731-2736.	2.6	13
64	Insight into the effect of the vasopressin analog desmopressin on lung colonization by mammary carcinoma cells in BALB/c mice. <i>Anticancer Research</i> , 2014, 34, 4761-5.	1.1	13
65	Ulex Europaeus I Lectin Induces Activation of Matrix-Metalloproteinase-2 in Endothelial Cells. <i>Biochemical and Biophysical Research Communications</i> , 1995, 216, 177-182.	2.1	12
66	Addition of vasopressin synthetic analogue [V4Q5]dDAVP to standard chemotherapy enhances tumour growth inhibition and impairs metastatic spread in aggressive breast tumour models. <i>Clinical and Experimental Metastasis</i> , 2016, 33, 589-600.	3.3	12
67	Modulation of urokinase-type plasminogen activator and metalloproteinase activities in cultured mouse mammary-carcinoma cells: Enhancement by paclitaxel and inhibition by nocodazole. , 1999, 83, 242-246.		11
68	Liver tumors and possible preneoplastic lesions, induced by a food-derived heterocyclic amine in cynomolgus monkeys; a study of histology and cytokeratin expression. <i>Liver</i> , 1996, 16, 71-83.	0.1	11
69	Expression and Characterization of Human Tissue Inhibitor of Metalloproteinases-1 in a Baculovirus-Insect Cell System. <i>Biochemical and Biophysical Research Communications</i> , 1994, 203, 237-243.	2.1	10
70	Role of Tumor-Derived Granulocyte-Macrophage Colony-Stimulating Factor in Mice Bearing a Highly Invasive and Metastatic Mammary Carcinoma. <i>Pathobiology</i> , 1999, 67, 180-185.	3.8	10
71	Cancer Antigen Prioritization: A Road Map to Work in Defining Vaccines Against Specific Targets. A Point of View. <i>Frontiers in Oncology</i> , 2012, 2, 66.	2.8	9
72	Alterations in endothelial cell proteinase and inhibitor polarized secretion following treatment with interleukin-1, phorbol ester, and human melanoma cell conditioned medium. , 1996, 60, 148-160.		8

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73	Role of cell surface GM3 ganglioside and sialic acid in the antitumor activity of a GM3-based vaccine in the murine B16 melanoma model. <i>Journal of Cancer Research and Clinical Oncology</i> , 2002, 128, 669-677.	2.5	8
74	Histopathological findings in a highly invasive mouse mammary carcinoma transfected with human tissue inhibitor of metalloproteinases-1.. <i>Oncology Reports</i> , 1998, 5, 1083-7.	2.6	8
75	Enhanced cytostatic activity of statins in mouse mammary carcinoma cells overexpressing Î²2-chimaerin. <i>Molecular Medicine Reports</i> , 2008, 2, 97-102.	2.4	7
76	Computational and in vitro Pharmacodynamics Characterization of 1A-116 Rac1 Inhibitor: Relevance of Trp56 in Its Biological Activity. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 240.	3.7	7
77	Effect of Host-Organ Environment on the in vivo and in vitro Behavior of a Murine Mammary Adenocarcinoma. <i>Tumor Biology</i> , 1994, 15, 284-293.	1.8	6
78	Tissue factor as a novel marker for detection of circulating cancer cells. <i>Biomarkers</i> , 2011, 16, 58-64.	1.9	6
79	In Vitro Activity of a Solanum tuberosum Extract against Mammary Carcinoma Cells. <i>Planta Medica</i> , 2001, 67, 164-166.	1.3	5
80	Novel Insights into the Evolution and Structural Characterization of Dyskerin Using Comprehensive Bioinformatics Analysis. <i>Journal of Proteome Research</i> , 2015, 14, 874-887.	3.7	5
81	Dietary factors, genetic and epigenetic influences in colorectal cancer. <i>Experimental and Therapeutic Medicine</i> , 2010, 1, 241-250.	1.8	4
82	In vivo selection and characterization of a murine mammary tumor subline with high potential for spontaneous lymph node metastasis. <i>Journal of Surgical Oncology</i> , 1990, 45, 190-195.	1.7	3
83	Contractile Behaviour of Rat Seminal Vesicle after Gonadectomy, Testosterone Replacement and Cyproterone Treatment. <i>Andrologia</i> , 1985, 17, 435-439.	2.1	3
84	Mammary carcinoma cells overexpressing tissue inhibitor of metalloproteinasesâ€1 show vascular endothelial growth factor expression. <i>International Journal of Cancer</i> , 1998, 75, 81-87.	5.1	3
85	Lectins as Tools for the Purification of Liver Endothelial Cells. , 1998, 9, 319-328.		2
86	Anti-idiotypic antibodies in cancer treatment. <i>Frontiers in Oncology</i> , 2013, 3, 37.	2.8	2
87	Inhibition of fibrinolysis by a synthetic urokinase inhibitor enhances lung colonization of metastatic murine mammary tumor cells. <i>Oncology Reports</i> , 1996, 3, 1055-8.	2.6	2
88	Thrombin treatment of endothelial cells stimulates adhesion of oncogene transformed but not parent rat liver epithelial cells. <i>Thrombosis Research</i> , 1995, 78, 87-94.	1.7	1
89	Enhanced RNA expression of tissue inhibitor of metalloproteinasesâ€1 (TIMPâ€1) in human breast cancer. <i>International Journal of Cancer</i> , 1996, 69, 131-134.	5.1	1
90	Effect of atorvastatin in a case of feline multicentric lymphoma â€” Case report. <i>Acta Veterinaria Hungarica</i> , 2011, 59, 69-76.	0.5	0