

Daniel Eduardo Gmez

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

90
papers

2,648
citations

28
h-index

48
g-index

91
ext. papers

2,868
ext. citations

4.4
avg, IF

4.55
L-index

#	Paper	IF	Citations
90	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	10.3	6
89	Computational and 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	5.7	2
88	New drugs are not enough-drug repositioning in oncology: An update. <i>International Journal of Oncology</i> , 2020 , 56, 651-684	4.4	22
87	Telomeropathies: Etiology, diagnosis, treatment and follow-up. Ethical and legal considerations. <i>Clinical Genetics</i> , 2019 , 96, 3-16	4	10
86	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	5.2	7
85	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,	6.3	7
84	Pharmacological inhibition of Rac1-PAK1 axis restores tamoxifen sensitivity in human resistant breast cancer cells. <i>Cellular Signalling</i> , 2017 , 30, 154-161	4.9	27
83	Telomerase as a Cancer Target. Development of New Molecules. <i>Current Topics in Medicinal Chemistry</i> , 2016 , 16, 2432-40	3	46
82	AZT exerts its antitumoral effect by telomeric and non-telomeric effects in a mammary adenocarcinoma model. <i>Oncology Reports</i> , 2016 , 36, 2731-2736	3.5	11
81	Addition of vasopressin synthetic analogue [V(4)Q(5)]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	4.7	9
80	Novel insights into the evolution and structural characterization of dyskerin using comprehensive bioinformatics analysis. <i>Journal of Proteome Research</i> , 2015 , 14, 874-87	5.6	4
79	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	9.8	14
78	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		25
77	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, 2335-45	4.4	18
76	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, 1798-807	5.6	15
75	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, 2568-72 ^{2.9}		10
74	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, 840-51	2.2	55

73	Proapoptotic and antiinvasive activity of Rac1 small molecule inhibitors on malignant glioma cells. <i>OncoTargets and Therapy</i> , 2014 , 7, 2021-33	4.4	17
72	Protein universe containing a PUA RNA-binding domain. <i>FEBS Journal</i> , 2014 , 281, 74-87	5.7	18
71	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	2.3	13
70	Reduction of tumor angiogenesis induced by desmopressin in a breast cancer model. <i>Breast Cancer Research and Treatment</i> , 2013 , 142, 9-18	4.4	26
69	Anti-idiotype antibodies in cancer treatment. <i>Frontiers in Oncology</i> , 2013 , 3, 37	5.3	2
68	Telomerase regulation: a key to inhibition? (Review). <i>International Journal of Oncology</i> , 2013 , 43, 1351-6	4.4	17
67	Telomere structure and telomerase in health and disease (review). <i>International Journal of Oncology</i> , 2012 , 41, 1561-9	4.4	107
66	Neurogenic differentiation of human adipose-derived stem cells: relevance of different signaling molecules, transcription factors, and key marker genes. <i>Gene</i> , 2012 , 511, 427-36	3.8	45
65	Sensitivity of tumor cells towards CIGB-300 anticancer peptide relies on its nucleolar localization. <i>Journal of Peptide Science</i> , 2012 , 18, 215-23	2.1	19
64	Preclinical evaluation of racotumomab, an anti-idiotype 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	5.3	14
63	AZT as a telomerase inhibitor. <i>Frontiers in Oncology</i> , 2012 , 2, 113	5.3	34
62	Racotumomab: an anti-idiotype vaccine related to N-glycolyl-containing gangliosides - preclinical and clinical data. <i>Frontiers in Oncology</i> , 2012 , 2, 150	5.3	27
61	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	5.3	6
60	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	3.7	40
59	Antitumor protection by NGcGM3/VSSP vaccine against transfected B16 mouse melanoma cells overexpressing N-glycolylated gangliosides. <i>In Vivo</i> , 2012 , 26, 609-17	2.3	13
58	Effect of atorvastatin in a case of feline multicentric lymphoma - Case report. <i>Acta Veterinaria Hungarica</i> , 2011 , 59, 69-76	1	
57	Metastasis: recent discoveries and novel perioperative treatment strategies with particular interest in the hemostatic compound desmopressin. <i>Current Pharmaceutical Biotechnology</i> , 2011 , 12, 1974-80	2.6	31
56	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, 21-7	1.3	24

55	CIGB-300, a proapoptotic peptide, inhibits angiogenesis in vitro and in vivo. <i>Experimental Cell Research</i> , 2011 , 317, 1677-88	4.2	16
54	Antiproliferative effect of 1-deamino-8-D-arginine vasopressin analogs on human breast cancer cells. <i>Future Medicinal Chemistry</i> , 2011 , 3, 1987-93	4.1	23
53	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	4.2	35
52	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, 186-94	3.3	24
51	Tissue factor as a novel marker for detection of circulating cancer cells. <i>Biomarkers</i> , 2011 , 16, 58-64	2.6	4
50	Dietary factors, genetic and epigenetic influences in colorectal cancer. <i>Experimental and Therapeutic Medicine</i> , 2010 , 1, 241-250	2.1	4
49	NGcGM3 ganglioside: a privileged target for cancer vaccines. <i>Clinical and Developmental Immunology</i> , 2010 , 2010, 814397		62
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, 307-19	3.4	16
47	Effects of the synthetic vasopressin analog desmopressin in a mouse model of colon cancer. <i>Anticancer Research</i> , 2010 , 30, 5049-54	2.3	14
46	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	12.8	16
45	Enhanced cytostatic activity of statins in mouse mammary carcinoma cells overexpressing α -chimaerin. <i>Molecular Medicine Reports</i> , 2009 , 2, 97-102	2.9	7
44	Perioperative desmopressin prolongs survival in surgically treated bitches with mammary gland tumours: a pilot study. <i>Veterinary Journal</i> , 2008 , 178, 103-8	2.5	26
43	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, 163-7	4.2	66
42	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	7.5	55
41	Antitumor effects of desmopressin in combination with chemotherapeutic agents in a mouse model of breast cancer. <i>Anticancer Research</i> , 2008 , 28, 2607-11	2.3	15
40	Complete antitumor protection by perioperative immunization with GM3/VSSP vaccine in a preclinical mouse melanoma model. <i>Clinical Cancer Research</i> , 2006 , 12, 7092-8	12.9	18
39	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, 1735-46	4.6	15
38	Active specific immunotherapy of melanoma with a GM3 ganglioside-based vaccine: a report on safety and immunogenicity. <i>Journal of Immunotherapy</i> , 2004 , 27, 442-51	5	36

37	Ganglioside-based vaccines and anti-idiotype antibodies for active immunotherapy against cancer. <i>Expert Review of Vaccines</i> , 2003 , 2, 817-23	5.2	28
36	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	2.8	30
35	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, 669-77	4.9	6
34	Lovastatin alters cytoskeleton organization and inhibits experimental metastasis of mammary carcinoma cells. <i>Clinical and Experimental Metastasis</i> , 2002 , 19, 551-9	4.7	45
33	The copper-chelating agent, trientine, suppresses tumor development and angiogenesis in the murine hepatocellular carcinoma cells. <i>International Journal of Cancer</i> , 2001 , 94, 768-73	7.5	107
32	Chronic in vitro exposure to 3Tazido-2T3Tdideoxythymidine induces senescence and apoptosis and reduces tumorigenicity of metastatic mouse mammary tumor cells. <i>Breast Cancer Research and Treatment</i> , 2001 , 65, 93-9	4.4	31
31	In vitro activity of a Solanum tuberosum extract against mammary carcinoma cells. <i>Planta Medica</i> , 2001 , 67, 164-6	3.1	5
30	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, 219-27	3.3	27
29	Tissue inhibitor of metalloproteinases-1 promotes liver fibrosis development in a transgenic mouse model. <i>Hepatology</i> , 2000 , 32, 1248-54	11.2	201
28	Antitumor properties of an anti-idiotypic monoclonal antibody in relation to N-glycolyl-containing gangliosides. <i>Oncology Reports</i> , 2000 , 7, 751-6	3.5	33
27	Antimetastatic effect of desmopressin in a mouse mammary tumor model. <i>Breast Cancer Research and Treatment</i> , 1999 , 57, 271-5	4.4	27
26	Deregulation of the signaling pathways controlling urokinase production. Its relationship with the invasive phenotype. <i>FEBS Journal</i> , 1999 , 263, 295-304		147
25	Modulation of urokinase-type plasminogen activator and metalloproteinase activities in cultured mouse mammary-carcinoma cells: enhancement by paclitaxel and inhibition by nocodazole. <i>International Journal of Cancer</i> , 1999 , 83, 242-6	7.5	10
24	Role of tumor-derived granulocyte-macrophage colony-stimulating factor in mice bearing a highly invasive and metastatic mammary carcinoma. <i>Pathobiology</i> , 1999 , 67, 180-5	3.6	8
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	3.5	38
22	Lectins as tools for the purification of liver endothelial cells. <i>Methods in Molecular Medicine</i> , 1998 , 9, 319-28		2
21	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	4.4	124
20	Mammary carcinoma cells over-expressing tissue inhibitor of metalloproteinases-1 show enhanced vascular endothelial growth factor expression. <i>International Journal of Cancer</i> , 1998 , 75, 81-7	7.5	97

19	Irreversible telomere shortening by 3'-azido-2',3'-dideoxythymidine (AZT) treatment. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 246, 107-10	3.4	76
18	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	3.5	6
17	Mammary carcinoma cells over-expressing tissue inhibitor of metalloproteinases-1 show vascular endothelial growth factor expression 1998 , 75, 81		2
16	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		7
15	Enhanced RNA expression of tissue inhibitor of metalloproteinases-1 (TIMP-1) in human breast cancer. <i>International Journal of Cancer</i> , 1996 , 69, 131-4	7.5	46
14	Alterations in endothelial cell proteinase and inhibitor polarized secretion following treatment with interleukin-1, phorbol ester, and human melanoma cell conditioned medium. <i>Journal of Cellular Biochemistry</i> , 1996 , 60, 148-60	4.7	6
13	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	3.5	1
12	Enhanced RNA expression of tissue inhibitor of metalloproteinases-1 (TIMP-1) in human breast cancer 1996 , 69, 131		1
11	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	8.2	1
10	Partial characterization of novel serine proteinase inhibitors from human umbilical vein endothelial cells. <i>Archives of Biochemistry and Biophysics</i> , 1995 , 319, 55-62	4.1	40
9	Ulex europaeus I lectin induces activation of matrix-metalloproteinase-2 in endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 1995 , 216, 177-82	3.4	12
8	Tumor invasion, proteolysis, and angiogenesis. <i>Journal of Neuro-Oncology</i> , 1994 , 18, 89-103	4.8	56
7	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, 237-43	3.4	8
6	Effect of host-organ environment on the in vivo and in vitro behavior of a murine mammary adenocarcinoma. <i>Tumor Biology</i> , 1994 , 15, 284-93	2.9	6
5	Immunomagnetic separation as a final purification step of liver endothelial cells. <i>In Vitro Cellular & Developmental Biology</i> , 1993 , 29, 451-5		13
4	Expression of gelatinase/type IV collagenase in tumor necrosis correlates with cell detachment and tumor invasion. <i>Clinical and Experimental Metastasis</i> , 1992 , 10, 211-20	4.7	16
3	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, 190-5	2.8	3
2	Ras oncogene mediated induction of a 92 kDa metalloproteinase; strong correlation with the malignant phenotype. <i>Biochemical and Biophysical Research Communications</i> , 1988 , 154, 832-8	3.4	183

- 1 Contractile behaviour of rat seminal vesicle after gonadectomy, testosterone replacement and cyproterone treatment. *Andrologia*, **1985**, 17, 435-9 2.4 3