Daniel F Alonso

List of Publications by Year in descending order

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136950 182427 3,305 120 32 51 citations h-index g-index papers 120 120 120 3345 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Deregulation of the signaling pathways controlling urokinase production. Its relationship with the invasive phenotype. FEBS Journal, 1999, 263, 295-304.	0.2	170
2	Antitumor Effect of a Novel Proapoptotic Peptide that Impairs the Phosphorylation by the Protein Kinase 2 (Casein Kinase 2). Cancer Research, 2004, 64, 7127-7129.	0.9	139
3	Reduction of mouse mammary tumor formation and metastasis by lovastatin, an inhibitor of the mevalonate pathway of cholesterol synthesis. Breast Cancer Research and Treatment, 1998, 50, 83-93.	2.5	135
4	Telomere structure and telomerase in health and disease. International Journal of Oncology, 2012, 41, 1561-1569.	3.3	126
5	Antitumor and antiangiogenic activity of soy isoflavone genistein in mouse models of melanoma and breast cancer. Oncology Reports, 2006, 16, 885-91.	2.6	109
6	CIGB-300, a novel proapoptotic peptide that impairs the CK2 phosphorylation and exhibits anticancer properties both inÂvitro and inÂvivo. Molecular and Cellular Biochemistry, 2008, 316, 163-167.	3.1	86
7	Active immunotherapy with 1E10 anti-idiotype vaccine in patients with small cell lung cancer: Report of a phase I trial. Cancer Biology and Therapy, 2007, 6, 145-150.	3.4	75
8	NGcGM3 Ganglioside: A Privileged Target for Cancer Vaccines. Clinical and Developmental Immunology, 2010, 2010, 1-8.	3.3	67
9	Preclinical Development of Novel Rac1-GEF Signaling Inhibitors using a Rational Design Approach in Highly Aggressive Breast Cancer Cell Lines. Anti-Cancer Agents in Medicinal Chemistry, 2014, 14, 840-851.	1.7	67
10	Antiviral effect of high-dose ivermectin in adults with COVID-19: A proof-of-concept randomized trial. EClinicalMedicine, 2021, 37, 100959.	7.1	66
11	Systemic administration of a peptide that impairs the protein kinase (CK2) phosphorylation reduces solid tumor growth in mice. International Journal of Cancer, 2008, 122, 57-62.	5.1	64
12	Safety and preliminary efficacy data of a novel Casein Kinase 2 (CK2) peptide inhibitor administered intralesionally at four dose levels in patients with cervical malignancies. BMC Cancer, 2009, 9, 146.	2.6	64
13	1E10 anti-idiotype vaccine in non-small cell lung cancer: Experience in stage IIIb/IV patients Cancer Biology and Therapy, 2007, 6, 1847-1852.	3.4	63
14	Anticancer peptide CIGB-300 binds to nucleophosmin/B23, impairs its CK2-mediated phosphorylation, and leads to apoptosis through its nucleolar disassembly activity. Molecular Cancer Therapeutics, 2009, 8, 1189-1196.	4.1	62
15	Cancer vaccines: an update with special focus on ganglioside antigens. Oncology Reports, 2002, 9, 267-76.	2.6	60
16	Effects of synthetic urokinase inhibitors on local invasion and metastasis in a murine mammary tumor model. Breast Cancer Research and Treatment, 1996, 40, 209-223.	2.5	58
17	Lovastatin alters cytoskeleton organization and inhibits experimental metastasis of mammary carcinoma cells. Clinical and Experimental Metastasis, 2002, 19, 551-560.	3.3	58
18	The Functional Interaction between Acyl-CoA Synthetase 4, 5-Lipooxygenase and Cyclooxygenase-2 Controls Tumor Growth: A Novel Therapeutic Target. PLoS ONE, 2012, 7, e40794.	2.5	51

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19	Characterization of F3II, a sarcomatoid mammary carcinoma cell line originated from a clonal subpopulation of a mouse adenocarcinoma. Journal of Surgical Oncology, 1996, 62, 288-297.	1.7	47
20	Detection of N-Glycolyl GM3 Ganglioside in Neuroectodermal Tumors by Immunohistochemistry: An Attractive Vaccine Target for Aggressive Pediatric Cancer. Clinical and Developmental Immunology, 2011, 2011, 1-6.	3.3	45
21	AZT as a telomerase inhibitor. Frontiers in Oncology, 2012, 2, 113.	2.8	45
22	T cells are crucial for the anti-metastatic effect of anti-epidermal growth factor receptor antibodies. Cancer Immunology, Immunotherapy, 2007, 56, 1701-1710.	4.2	43
23	CIGB-300, a synthetic peptide-based drug that targets the CK2 phosphoaceptor domain. Translational and clinical research. Molecular and Cellular Biochemistry, 2011, 356, 45-50.	3.1	41
24	Active Specific Immunotherapy of Melanoma with a GM3 Ganglioside-Based Vaccine. Journal of Immunotherapy, 2004, 27, 442-451.	2.4	39
25	Inhibition of aggressiveness of metastatic mouse mammary carcinoma cells by the beta2-chimaerin GAP domain. Cancer Research, 2003, 63, 2284-91.	0.9	39
26	Detection and Characterization of N-Glycolyated Gangliosides in Wilms Tumor by Immunohistochemistry. Pediatric and Developmental Pathology, 2010, 13, 18-23.	1.0	38
27	Varying patterns of expression of insulin-like growth factors I and II and their receptors in murine mammary adenocarcinomas of different metastasizing ability., 1996, 65, 812-820.		37
28	Chronic In Vitro Exposure to $3\hat{a} \in ^2$ -Azido- $2\hat{a} \in ^2$, $3\hat{a} \in ^2$ -Dideoxythymidine Induces Senescence and Apoptosis and Reduces Tumorigenicity of Metastatic Mouse Mammary Tumor Cells. Breast Cancer Research and Treatment, 2001, 65, 93-99.	2.5	36
29	Desmopressin inhibits lung and lymph node metastasis in a mouse mammary carcinoma model of surgical manipulation. Journal of Surgical Oncology, 2002, 81, 38-44.	1.7	36
30	Relevance of small GTPase Rac1 pathway in drug and radio-resistance mechanisms: Opportunities in cancer therapeutics. Critical Reviews in Oncology/Hematology, 2018, 124, 29-36.	4.4	35
31	Reduction of tumor angiogenesis induced by desmopressin in a breast cancer model. Breast Cancer Research and Treatment, 2013, 142, 9-18.	2.5	34
32	A phase II dose-escalation trial of perioperative desmopressin (1-desamino-8-d-arginine vasopressin) in breast cancer patients. SpringerPlus, 2015, 4, 428.	1.2	34
33	A Phase I Study of the Anti-Idiotype Vaccine Racotumomab in Neuroblastoma and Other Pediatric Refractory Malignancies. Pediatric Blood and Cancer, 2015, 62, 2120-2124.	1.5	34
34	Antimetastatic effect of desmopressin in a mouse mammary tumor model. Breast Cancer Research and Treatment, 1999, 57, 271-275.	2.5	32
35	Perioperative desmopressin prolongs survival in surgically treated bitches with mammary gland tumours: A pilot study. Veterinary Journal, 2008, 178, 103-108.	1.7	32
36	Direct validation of NGcGM3 ganglioside as a new target for cancer immunotherapy. Expert Opinion on Biological Therapy, 2010, 10, 153-162.	3.1	32

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37	Effect of Adjuvant Perioperative Desmopressin in Locally Advanced Canine Mammary Carcinoma and its Relation to Histologic Grade. Journal of the American Animal Hospital Association, 2011, 47, 21-27.	1.1	32
38	Immunoreactivity of the 14F7 Mab Raised against N-Glycolyl GM3 Ganglioside in Epithelial Malignant Tumors from Digestive System. ISRN Gastroenterology, 2011, 2011, 1-8.	1.5	32
39	Optimizing CIGB-300 intralesional delivery in locally advanced cervical cancer. British Journal of Cancer, 2015, 112, 1636-1643.	6.4	32
40	Pharmacological inhibition of Rac1-PAK1 axis restores tamoxifen sensitivity in human resistant breast cancer cells. Cellular Signalling, 2017, 30, 154-161.	3.6	32
41	Combined therapeutic effect of a monoclonal anti-idiotype tumor vaccine against NeuGc-containing gangliosides with chemotherapy in a breast carcinoma model. Breast Cancer Research and Treatment, 2010, 120, 379-389.	2.5	31
42	Ganglioside-based vaccines and anti-idiotype antibodies for active immunotherapy against cancer. Expert Review of Vaccines, 2003, 2, 817-823.	4.4	30
43	Racotumomab: an anti-idiotype vaccine related to N-glycolyl-containing gangliosides – preclinical and clinical data. Frontiers in Oncology, 2012, 2, 150.	2.8	30
44	CIGB-300, an anti-CK2 peptide, inhibits angiogenesis, tumor cell invasion and metastasis in lung cancer models. Lung Cancer, 2017, 107, 14-21.	2.0	30
45	Antiproliferative effect of 1-deamino-8- <scp>D</scp> -arginine vasopressin analogs on human breast cancer cells. Future Medicinal Chemistry, 2011, 3, 1987-1993.	2.3	28
46	Sensitivity of tumor cells towards CIGBâ€300 anticancer peptide relies on its nucleolar localization. Journal of Peptide Science, 2012, 18, 215-223.	1,4	28
47	The novel desmopressin analogue [V4Q5]dDAVP inhibits angiogenesis, tumour growth and metastases in vasopressin type 2 receptor-expressing breast cancer models. International Journal of Oncology, 2015, 46, 2335-2345.	3.3	28
48	Association of Cone-Rod Homeobox Transcription Factor Messenger RNA With Pediatric Metastatic Retinoblastoma. JAMA Ophthalmology, 2015, 133, 805.	2.5	28
49	A purified GM3 ganglioside conjugated vaccine induces specific, adjuvant-dependent and non-transient antitumour activity against B16 mouse melanoma in vitro and in vivo. Melanoma Research, 2001, 11, 219-227.	1.2	27
50	7A7 MAb: A New Tool for the Pre-Clinical Evaluation of EGFR-Based Therapies. Hybridoma, 2004, 23, 168-175.	0.4	26
51	Proteomic Profile Regulated by the Anticancer Peptide CIGB-300 in Non-Small Cell Lung Cancer (NSCLC) Cells. Journal of Proteome Research, 2010, 9, 5473-5483.	3.7	26
52	Detection of minimally disseminated disease in the cerebrospinal fluid of children with high-risk retinoblastoma by reverse transcriptase-polymerase chain reaction for GD2 synthase mRNA. European Journal of Cancer, 2013, 49, 2892-2899.	2.8	26
53	Proapoptotic and antiinvasive activity of Rac1 small molecule inhibitors on malignant glioma cells. OncoTargets and Therapy, 2014, 7, 2021.	2.0	26
54	Peptide Agonists of Vasopressin V2 Receptor Reduce Expression of Neuroendocrine Markers and Tumor Growth in Human Lung and Prostate Tumor Cells. Frontiers in Oncology, 2017, 7, 11.	2.8	24

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55	Complete Antitumor Protection by Perioperative Immunization with GM3/VSSP Vaccine in a Preclinical Mouse Melanoma Model. Clinical Cancer Research, 2006, 12, 7092-7098.	7.0	21
56	Minimal Disseminated Disease in Nonmetastatic Retinoblastoma With High-Risk Pathologic Features and Association With Disease-Free Survival. JAMA Ophthalmology, 2016, 134, 1374.	2.5	21
57	Antibody-dependent cell-mediated cytotoxicity induced by active immunotherapy based on racotumomab in non-small cell lung cancer patients. Cancer Immunology, Immunotherapy, 2018, 67, 1285-1296.	4.2	21
58	A phospholipase D and protein kinase C inhibitor blocks the spreading of murine mammary adenocarcinoma cells altering f-actin and \hat{l}^21 -integrin point contact distribution. , 1997, 71, 881-890.		20
59	CIGB-300, a proapoptotic peptide, inhibits angiogenesis in vitro and in vivo. Experimental Cell Research, 2011, 317, 1677-1688.	2.6	20
60	Impairment of fibrinolysis during the growth of two murine mammary adenocarcinomas. Cancer Letters, 1993, 70, 181-187.	7.2	19
61	Exogenous incorporation of neugc-rich mucin augments n-glycolyl sialic acid content and promotes malignant phenotype in mouse tumor cell lines. Journal of Experimental and Clinical Cancer Research, 2009, 28, 146.	8.6	18
62	Mechanisms of Cellular Uptake, Intracellular Transportation, and Degradation of CIGB-300, a Tat-Conjugated Peptide, in Tumor Cell Lines. Molecular Pharmaceutics, 2014, 11, 1798-1807.	4.6	18
63	Racotumomab for treating lung cancer and pediatric refractory malignancies. Expert Opinion on Biological Therapy, 2016, 16, 573-578.	3.1	18
64	<i>In vitro</i> and <i>in vivo</i> antitumor activity of Yerba Mate extract in colon cancer models. Journal of Food Science, 2020, 85, 2186-2197.	3.1	18
65	Optimization of molecular detection of GD2 synthase mRNA in retinoblastoma. Molecular Medicine Reports, 2010, 3, 253-9.	2.4	18
66	Comparability of Antibody-Mediated Cell Killing Activity Between a Proposed Biosimilar RTXM83 and the Originator Rituximab. BioDrugs, 2016, 30, 225-231.	4.6	17
67	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. Frontiers in Oncology, 2012, 2, 160.	2.8	16
68	Antitumor effects of desmopressin in combination with chemotherapeutic agents in a mouse model of breast cancer. Anticancer Research, 2008, 28, 2607-11.	1.1	16
69	Effects of the synthetic vasopressin analog desmopressin in a mouse model of colon cancer. Anticancer Research, 2010, 30, 5049-54.	1.1	16
70	Preclinical Efficacy of [V4 Q5]dDAVP, a Second Generation Vasopressin Analog, on Metastatic Spread and Tumor-Associated Angiogenesis in Colorectal Cancer. Cancer Research and Treatment, 2019, 51, 438-450.	3.0	15
71	Soluble factors released by the target organ enhance the urokinase-type plasminogen activator activity of metastatic tumor cells. Clinical and Experimental Metastasis, 1991, 9, 51-56.	3.3	14
72	Overproduction of urokinase-type plasminogen activator is regulated by phospholipase D- and protein kinase C-dependent pathways in murine mammary adenocarcinoma cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 1997, 1356, 171-184.	4.1	14

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73	RAC3 more than a nuclear receptor coactivator: a key inhibitor of senescence that is downregulated in aging. Cell Death and Disease, 2015, 6, e1902-e1902.	6.3	14
74	Antitumor protection by NGcGM3/VSSP vaccine against transfected B16 mouse melanoma cells overexpressing N-glycolylated gangliosides. In Vivo, 2012, 26, 609-17.	1.3	14
75	Structure-activity relationship of 1-desamino-8-D-arginine vasopressin as an antiproliferative agent on human vasopressin V2 receptor-expressing cancer cells. Molecular Medicine Reports, 2014, 9, 2568-2572.	2.4	13
76	Insight into the effect of the vasopressin analog desmopressin on lung colonization by mammary carcinoma cells in BALB/c mice. Anticancer Research, 2014, 34, 4761-5.	1.1	13
77	Addition of vasopressin synthetic analogue [V4Q5]dDAVP to standard chemotherapy enhances tumour growth inhibition and impairs metastatic spread in aggressive breast tumour models. Clinical and Experimental Metastasis, 2016, 33, 589-600.	3.3	12
78	Preclinical efficacy of CIGB-300, an anti-CK2 peptide, on breast cancer metastasic colonization. Scientific Reports, 2020, 10, 14689.	3.3	12
79	States of stability/lysis in human fetal and adults red blood cells. Archives Internationales De Physiologie Et De Biochimie, 1989, 97, 309-316.	0.2	11
80	Excessive urokinase-type plasminogen activator activity in the euglobulin fraction of patients with Alzheimer-type dementia. Journal of the Neurological Sciences, 1996, 139, 83-88.	0.6	11
81	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
82	Secretion of urokinase and metalloproteinase-9 induced by staurosporine is dependent on a tyrosine kinase pathway in mammary tumor cells., 1998, 76, 362-367.		10
83	Role of Tumor-Derived Granulocyte-Macrophage Colony-Stimulating Factor in MiceBear ing a Highly Invasive and Metastatic Mammary Carcinoma. Pathobiology, 1999, 67, 180-185.	3.8	10
84	Cancer Antigen Prioritization: A Road Map to Work in Defining Vaccines Against Specific Targets. A Point of View. Frontiers in Oncology, 2012, 2, 66.	2.8	9
85	Role of cell surface GM3 ganglioside and sialic acid in the antitumor activity of a GM3-based vaccine in the murine B16 melanoma model. Journal of Cancer Research and Clinical Oncology, 2002, 128, 669-677.	2.5	8
86	Effect of Ivermectin and Atorvastatin on Nuclear Localization of Importin Alpha and Drug Target Expression Profiling in Host Cells from Nasopharyngeal Swabs of SARS-CoV-2- Positive Patients. Viruses, 2021, 13, 2084.	3.3	8
87	Enhanced cytostatic activity of statins in mouse mammary carcinoma cells overexpressing \hat{l}^2 2-chimaerin. Molecular Medicine Reports, 2008, 2, 97-102.	2.4	7
88	Repurposing of host-based therapeutic agents for the treatment of coronavirus disease 2019 (COVID-19): a link between antiviral and anticancer mechanisms?. International Journal of Antimicrobial Agents, 2020, 56, 106125.	2.5	7
89	Anticancer activity of repurposed hemostatic agent desmopressin on AVPR2â€'expressing human osteosarcoma. Experimental and Therapeutic Medicine, 2021, 21, 566.	1.8	7
90	Desmopressin reduces melanoma lung metastasis in transgenic mice overexpressing tissue inhibitor of metalloproteinases-1. In Vivo, 2006, 20, 881-5.	1.3	7

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91	Effect of Host-Organ Environment on the in vivo and in vitro Behavior of a Murine Mammary Adenocarcinoma. Tumor Biology, 1994, 15, 284-293.	1.8	6
92	Tissue factor as a novel marker for detection of circulating cancer cells. Biomarkers, 2011, 16, 58-64.	1.9	6
93	Commentary: Arginine vasopressin receptor 1a is a therapeutic target for castration-resistant prostate cancer. Frontiers in Oncology, 2019, 9, 1490.	2.8	6
94	In Vitro Activity of a Solanum tuberosum Extract against Mammary Carcinoma Cells. Planta Medica, 2001, 67, 164-166.	1.3	5
95	Perioperative biology in primary breast cancer: selective targeting of vasopressin type 2 receptor using desmopressin as a novel therapeutic approach. Breast Cancer Research and Treatment, 2016, 158, 597-599.	2.5	5
96	Search of vasopressin analogs with antiproliferative activity on small-cell lung cancer: drug design based on two different approaches. Future Medicinal Chemistry, 2018, 10, 879-894.	2.3	5
97	Implication of von Willebrand Factor as a Regulator of Tumor Cell Metastasis: Potential Perioperative Use of Desmopressin and Novel Peptide Analogs. Acta Haematologica, 2013, 129, 223-224.	1.4	4
98	<i>In vitro</i> and <i>in vivo</i> evaluation of desmopressin-loaded poly(<scp>D,L</scp> -lactic-co-glycolic acid) nanoparticles for its potential use in cancer treatment. Nanomedicine, 2018, 13, 2835-2849.	3.3	4
99	Minimal disseminated disease evaluation and outcome in trilateral retinoblastoma. British Journal of Ophthalmology, 2018, 102, 1597-1601.	3.9	4
100	Development and therapeutic potential of vasopressin synthetic analog [V4Q5]dDAVP as a novel anticancer agent. Vitamins and Hormones, 2020, 113, 259-289.	1.7	4
101	Aberrant O-glycosylation modulates aggressiveness in neuroblastoma. Oncotarget, 2018, 9, 34176-34188.	1.8	4
102	Desmopressin and other synthetic vasopressin analogues in cancer treatment. Bulletin Du Cancer, 2006, 93, E7-12.	1.6	4
103	Anti-ganglioside antibodies induced in chickens by an alum-adsorbed anti-idiotype antibody targeting NeuGcGM3. Frontiers in Immunology, 2012, 3, 422.	4.8	3
104	Minimally disseminated disease and outcome in overt orbital retinoblastoma. Pediatric Blood and Cancer, 2019, 66, e27662.	1.5	3
105	Administration of the vasopressin analog desmopressin for the management of bleeding in rectal cancer patients: results of a phase I/II trial. Investigational New Drugs, 2020, 38, 1580-1587.	2.6	3
106	Anti-idiotype antibodies in cancer treatment. Frontiers in Oncology, 2013, 3, 37.	2.8	2
107	Urokinase Exerts Antimetastatic Effects by Dissociating Clusters of Circulating Tumor Cells—Letter. Cancer Research, 2016, 76, 4908-4908.	0.9	2
108	Impact of Perioperative Blood Transfusion on Survival Among Women With Breast Cancer: Potential Benefits of Blood-Saving Agent Desmopressin Use During Surgery. American Journal of Therapeutics, 2018, 25, e569-e570.	0.9	2

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109	Potential Use of Desmopressin During Hepatic Resection for Colorectal Liver Metastases*. Journal of Surgical Research, 2019, 237, 1-2.	1.6	2
110	CIGB-300: A Promising Anti-Casein Kinase 2 (CK2) Peptide for Cancer Targeted Therapy., 2015, , 281-298.		2
111	Role of protein kinase C-dependent signaling pathways in the antiangiogenic properties of nafoxidine. Anticancer Research, 2004, 24, 1737-43.	1.1	2
112	Role of beta2-chimaerin in the behaviour of murine mammary carcinoma cells in response to extracellular matrix components. International Journal of Molecular Medicine, 2005, 15, 91-5.	4.0	2
113	Molecular detection of circulating tyrosinase mRNA: optimization in a preclinical xenograft mouse melanoma model and further evaluation in samples from advanced melanoma patients. International Journal of Molecular Medicine, 2008, 21, 555-9.	4.0	2
114	Function and Expression of the uPA/uPAR System in Cancer Metastasis. , 0, , 223-236.		1
115	Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy in Colorectal Cancer: Potential use of Perioperative Desmopressin to Reduce Allogenic Blood Transfusion Rates. Journal of Gastrointestinal Surgery, 2017, 21, 1971-1973.	1.7	1
116	Desmopressin in canine mammary carcinoma: Comments on the importance of the administration route. Veterinary and Comparative Oncology, 2021, 19, 409-410.	1.8	1
117	Characterization of F3II, a sarcomatoid mammary carcinoma cell line originated from a clonal subpopulation of a mouse adenocarcinoma., 1996, 62, 288.		1
118	Effect of atorvastatin in a case of feline multicentric lymphoma â€" Case report. Acta Veterinaria Hungarica, 2011, 59, 69-76.	0.5	0
119	Re: Effect of ADAM28 on Carcinoma Cell Metastasis by Cleavage of von Willebrand Factor. Journal of the National Cancer Institute, 2012, 104, 1917-1917.	6.3	0
120	Cirrhosis, von Willebrand Factor (vWF) and the Low Incidence of Metastatic Malignancy in Injured Liver. Eurasian Journal of Medicine, 2015, 47, 229-230.	0.6	0