

Carlos M Galmarini

List of Publications by Year in descending order

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95
papers

7,026
citations

93792

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66518

82
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97
all docs

97
docs citations

97
times ranked

11852
citing authors

#	ARTICLE	IF	CITATIONS
1	Lessons from Hippocrates: Time to Change the Cancer Paradigm. <i>International Journal of Chronic Diseases</i> , 2020, 2020, 1-14.	1.9	5
2	Why we do what we do. A brief analysis of cancer therapies. <i>EXCLI Journal</i> , 2020, 19, 1401-1413.	0.5	1
3	Aplidin (plitidepsin) is a novel anti-myeloma agent with potent anti-resorptive activity mediated by direct effects on osteoclasts. <i>Oncotarget</i> , 2019, 10, 2709-2721.	0.8	23
4	ATLANTIS: a Phase III study of lurbinectedin/doxorubicin versus topotecan or cyclophosphamide/doxorubicin/vincristine in patients with small-cell lung cancer who have failed one prior platinum-containing line. <i>Future Oncology</i> , 2019, 15, 231-239.	1.1	69
5	The Antitumor Drugs Trabectedin and Lurbinectedin Induce Transcription-Dependent Replication Stress and Genome Instability. <i>Molecular Cancer Research</i> , 2019, 17, 773-782.	1.5	28
6	MI130004, a Novel Antibody-Drug Conjugate Combining Trastuzumab with a Molecule of Marine Origin, Shows Outstanding <i>In Vivo</i> Activity against HER2-Expressing Tumors. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 786-794.	1.9	17
7	Dynamic cellular maps of molecular species: Application to drug-target interactions. <i>Scientific Reports</i> , 2018, 8, 1140.	1.6	5
8	Multicenter Phase II Study of Lurbinectedin in <i>BRCA</i> -Mutated and Unselected Metastatic Advanced Breast Cancer and Biomarker Assessment Substudy. <i>Journal of Clinical Oncology</i> , 2018, 36, 3134-3143.	0.8	43
9	Binding of eEF1A2 to the RNA-dependent protein kinase PKR modulates its activity and promotes tumour cell survival. <i>British Journal of Cancer</i> , 2018, 119, 1410-1420.	2.9	24
10	Plocabulin, a novel tubulin-binding agent, inhibits angiogenesis by modulation of microtubule dynamics in endothelial cells. <i>BMC Cancer</i> , 2018, 18, 164.	1.1	25
11	Molecular basis of resistance to the microtubule-depolymerizing antitumor compound plocabulin. <i>Scientific Reports</i> , 2018, 8, 8616.	1.6	9
12	Antitumour activity of trabectedin in myelodysplastic/myeloproliferative neoplasms. <i>British Journal of Cancer</i> , 2017, 116, 335-343.	2.9	20
13	Lurbinectedin reduces tumour-associated macrophages and the inflammatory tumour microenvironment in preclinical models. <i>British Journal of Cancer</i> , 2017, 117, 628-638.	2.9	119
14	Translation Elongation Factor eEF1A2 is a Novel Anticancer Target for the Marine Natural Product Plitidepsin. <i>Scientific Reports</i> , 2016, 6, 35100.	1.6	71
15	Lurbinectedin induces depletion of tumor-associated macrophages (TAM), an essential component of its <i>in vivo</i> synergism with gemcitabine. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 1461-1471.	1.2	21
16	Lurbinectedin Inactivates the Ewing Sarcoma Oncoprotein EWS-FLI1 by Redistributing It within the Nucleus. <i>Cancer Research</i> , 2016, 76, 6657-6668.	0.4	57
17	Lurbinectedin Specifically Triggers the Degradation of Phosphorylated RNA Polymerase II and the Formation of DNA Breaks in Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 2399-2412.	1.9	111
18	Unique features of trabectedin mechanism of action. <i>Cancer Chemotherapy and Pharmacology</i> , 2016, 77, 663-671.	1.1	132

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19	Abstract 3066: Anti-angiogenic properties of PM060184. , 2016, , .		1
20	Dual inhibition of ATR and ATM potentiates the activity of trabectedin and lurbinectedin by perturbing the DNA damage response and homologous recombination repair. <i>Oncotarget</i> , 2016, 7, 25885-25901.	0.8	24
21	Synergistic Effect of Trabectedin and Olaparib Combination Regimen in Breast Cancer Cell Lines. <i>Journal of Breast Cancer</i> , 2015, 18, 329.	0.8	20
22	Elisidepsin Interacts Directly with Glycosylceramides in the Plasma Membrane of Tumor Cells to Induce Necrotic Cell Death. <i>PLoS ONE</i> , 2015, 10, e0140782.	1.1	14
23	The PARP inhibitor olaparib enhances the sensitivity of Ewing sarcoma to trabectedin. <i>Oncotarget</i> , 2015, 6, 18875-18890.	0.8	74
24	Survivorship in untreated breast cancer patients. <i>Medical Oncology</i> , 2015, 32, 466.	1.2	6
25	Trabectedin and Plitidepsin: Drugs from the Sea that Strike the Tumor Microenvironment. <i>Marine Drugs</i> , 2014, 12, 719-733.	2.2	40
26	Concomitant resistance and early-breast cancer: should we change treatment strategies?. <i>Cancer and Metastasis Reviews</i> , 2014, 33, 271-283.	2.7	11
27	Nibrin is a marker of clinical outcome in patients with advanced serous ovarian cancer treated in the phase III OVA-301 trial. <i>Gynecologic Oncology</i> , 2014, 132, 176-180.	0.6	8
28	PM060184, a new tubulin binding agent with potent antitumor activity including P-glycoprotein over-expressing tumors. <i>Biochemical Pharmacology</i> , 2014, 88, 291-302.	2.0	49
29	Abstract 5467: Role of the eukaryotic elongation factor eEF1A in the mechanism of action of Aplidin. , 2014, , .		2
30	Comparison of <i>in vitro</i> and <i>in vivo</i> biological effects of trabectedin, lurbinectedin (PM01183) and Zalypsis® (PM00104). <i>International Journal of Cancer</i> , 2013, 133, 2024-2033.	2.3	54
31	Role of Macrophage Targeting in the Antitumor Activity of Trabectedin. <i>Cancer Cell</i> , 2013, 23, 249-262.	7.7	721
32	New Interfacial Microtubule Inhibitors of Marine Origin, PM050489/PM060184, with Potent Antitumor Activity and a Distinct Mechanism. <i>ACS Chemical Biology</i> , 2013, 8, 2084-2094.	1.6	57
33	Inhibitory effects of marine-derived DNA-binding anti-tumour tetrahydroisoquinolines on the Fanconi anaemia pathway. <i>British Journal of Pharmacology</i> , 2013, 170, 871-882.	2.7	9
34	Predictive Factors of Sensitivity to Elisidepsin, a Novel Kahalalide F-Derived Marine Compound. <i>Marine Drugs</i> , 2013, 11, 944-959.	2.2	37
35	c-Jun N-Terminal Kinase Phosphorylation Is a Biomarker of Plitidepsin Activity. <i>Marine Drugs</i> , 2013, 11, 1677-1692.	2.2	10
36	Hypoxia Reduces the Efficiency of Elisidepsin by Inhibiting Hydroxylation and Altering the Structure of Lipid Rafts. <i>Marine Drugs</i> , 2013, 11, 4858-4875.	2.2	11

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37	Abstract A174: Comparison of the antitumor activity of Trabectedin, Lurbinectedin, Zalypsis and PM00128 in a panel of human cells deficient in transcription/NER repair factors.. , 2013, , .		4
38	Abstract 2129: Aplidin triggers the activation of molecular components of the UPR as part of its pro-apoptotic program in tumor cells.. , 2013, , .		1
39	The cytotoxic activity of Aplidin in chronic lymphocytic leukemia (CLL) is mediated by a direct effect on leukemic cells and an indirect effect on monocyte-derived cells. <i>Investigational New Drugs</i> , 2012, 30, 1830-1840.	1.2	26
40	Cancer chemotherapy: A critical analysis of its 60 years of history. <i>Critical Reviews in Oncology/Hematology</i> , 2012, 84, 181-199.	2.0	87
41	p21Cip1 regulates cellâ€“substrate adhesion and interphase microtubule dynamics in untransformed human mammary epithelial cells. <i>European Journal of Cell Biology</i> , 2011, 90, 631-641.	1.6	5
42	Î²III-Tubulin is required for interphase microtubule dynamics in untransformed human mammary epithelial cells. <i>European Journal of Cell Biology</i> , 2011, 90, 872-878.	1.6	5
43	ErbB protein modifications are secondary to severe cell membrane alterations induced by elisidepsin treatment. <i>European Journal of Pharmacology</i> , 2011, 667, 91-99.	1.7	13
44	XPF-Dependent DNA Breaks and RNA Polymerase II Arrest Induced by Antitumor DNA Interstrand Crosslinking-Mimetic Alkaloids. <i>Chemistry and Biology</i> , 2011, 18, 988-999.	6.2	46
45	Zalypsis has in vitro activity in acute myeloid blasts and leukemic progenitor cells through the induction of a DNA damage response. <i>Haematologica</i> , 2011, 96, 687-695.	1.7	13
46	Trabectedin and Its C Subunit Modified Analogue PM01183 Attenuate Nucleotide Excision Repair and Show Activity toward Platinum-Resistant Cells. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 1481-1489.	1.9	68
47	Temperature-induced melting of double-stranded DNA in the absence and presence of covalently bonded antitumour drugs: insight from molecular dynamics simulations. <i>Nucleic Acids Research</i> , 2011, 39, 8248-8257.	6.5	55
48	Irvalec Inserts into the Plasma Membrane Causing Rapid Loss of Integrity and Necrotic Cell Death in Tumor Cells. <i>PLoS ONE</i> , 2011, 6, e19042.	1.1	26
49	Efficient overcoming of drug resistance to anticancer nucleoside analogs by nanodelivery of active phosphorylated drugs. <i>International Journal of Pharmaceutics</i> , 2010, 395, 281-289.	2.6	23
50	A Review of Trabectedin (ET-743): A Unique Mechanism of Action. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 2157-2163.	1.9	372
51	Antitumor and Anti-inflammatory Effects of Trabectedin on Human Myxoid Liposarcoma Cells. <i>Cancer Research</i> , 2010, 70, 2235-2244.	0.4	251
52	The Activity of the Lipophilic Nucleoside Derivatives Elacytarabine and CP-4126 in a Panel of Tumor Cell Lines Resistant to Nucleoside Analogues. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2010, 29, 386-393.	0.4	16
53	Molecular pharmacology and antitumor activity of ZalypsisÂ® in several human cancer cell lines. <i>Biochemical Pharmacology</i> , 2009, 78, 162-170.	2.0	69
54	Synthesis and antiproliferative evaluation of pyrazolo[1,5-a]-1,3,5-triazine myoseverin derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 3471-3478.	1.4	32

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55	CPâ€4055 and CPâ€4126 are active in araâ€C and gemcitabineâ€resistant lymphoma cell lines. <i>British Journal of Haematology</i> , 2009, 144, 273-275.	1.2	32
56	Indolobenzazepin-7-ones and 6-, 8-, and 9-Membered Ring Derivatives as Tubulin Polymerization Inhibitors: Synthesis and Structureâ€Activity Relationship Studies. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 5916-5925.	2.9	53
57	Zalypsis: a novel marine-derived compound with potent antimyeloma activity that reveals high sensitivity of malignant plasma cells to DNA double-strand breaks. <i>Blood</i> , 2009, 113, 3781-3791.	0.6	78
58	The mechanism of action of plitidepsin. <i>Current Opinion in Investigational Drugs</i> , 2009, 10, 536-42.	2.3	23
59	Modulation of the human equilibrative nucleoside transporter1 (hENT1) activity by IL-4 and PMA in B cells from chronic lymphocytic leukemia. <i>Biochemical Pharmacology</i> , 2008, 75, 857-865.	2.0	18
60	Polymeric nanogels containing the triphosphate form of cytotoxic nucleoside analogues show antitumor activity against breast and colorectal cancer cell lines. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 3373-3380.	1.9	32
61	Class III β -Tubulin Isoform Predicts Response in Advanced Breast Cancer Patients Randomly Treated Either with Single-Agent Doxorubicin or Docetaxel. <i>Clinical Cancer Research</i> , 2008, 14, 4511-4516.	3.2	58
62	Weekly administration of paclitaxel induces long-term aneugenicity in nude mice. <i>Cancer Biology and Therapy</i> , 2007, 6, 377-382.	1.5	7
63	Drug Resistance and the Solid Tumor Microenvironment. <i>Journal of the National Cancer Institute</i> , 2007, 99, 1441-1454.	3.0	1,795
64	Synthesis and antiproliferative activity of clausine E, mukonine, and koenoline bioisosteres. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 5615-5619.	1.4	39
65	Does p16ink4a expression increase with the number of cell doublings in normal and malignant lymphocytes?. <i>Leukemia Research</i> , 2007, 31, 1649-1658.	0.4	10
66	Recent Developments to Improve the Efficacy of Cytotoxic Nucleoside Analogues. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2006, 1, 163-170.	0.8	22
67	p53 as a target for anti-cancer drug development. <i>Critical Reviews in Oncology/Hematology</i> , 2006, 58, 190-207.	2.0	84
68	F-ara-AMP is a substrate of cytoplasmic 5â€2-nucleotidase II (cN-II): HPLC and NMR studies of enzymatic dephosphorylation. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2006, 25, 289-297.	0.4	13
69	Mutational Targets in Colorectal Cancer Cells with Microsatellite Instability. <i>Familial Cancer</i> , 2006, 5, 29-34.	0.9	23
70	Gemcitabine resistance due to deoxycytidine kinase deficiency can be reverted by fruitfly deoxynucleoside kinase, DmdNK, in human uterine sarcoma cells. <i>Cancer Chemotherapy and Pharmacology</i> , 2006, 58, 547-554.	1.1	33
71	A p21/WAF1 mutation favors the appearance of drug resistance to paclitaxel in human noncancerous epithelial mammary cells. <i>International Journal of Cancer</i> , 2006, 119, 60-66.	2.3	10
72	Quantitative analysis of nucleoside transporter and metabolism gene expression in chronic lymphocytic leukemia (CLL): identification of fludarabine-sensitive and -insensitive populations. <i>Blood</i> , 2005, 105, 767-774.	0.6	70

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73	Increased expression of the large subunit of ribonucleotide reductase is involved in resistance to gemcitabine in human mammary adenocarcinoma cells. <i>Molecular Cancer Therapeutics</i> , 2005, 4, 1268-1276.	1.9	57
74	Substrate cycles and drug resistance to 1-beta-D-arabinofuranosylcytosine (araC). <i>Leukemia and Lymphoma</i> , 2005, 46, 335-346.	0.6	18
75	The prognostic value of cN-II and cN-III enzymes in adult acute myeloid leukemia. <i>Haematologica</i> , 2005, 90, 1699-701.	1.7	34
76	Characterization of a Gemcitabine-Resistant Murine Leukemic Cell Line. <i>Clinical Cancer Research</i> , 2004, 10, 5614-5621.	3.2	60
77	Frameshift mutation in the Dok1 gene in chronic lymphocytic leukemia. <i>Oncogene</i> , 2004, 23, 2287-2297.	2.6	26
78	Resistance to gemcitabine in a human follicular lymphoma cell line is due to partial deletion of the deoxycytidine kinase gene. <i>BMC Pharmacology</i> , 2004, 4, 8.	0.4	62
79	Problems Related to Resistance to Cytarabine in Acute Myeloid Leukemia. <i>Leukemia and Lymphoma</i> , 2004, 45, 1123-1132.	0.6	60
80	5'-(3')-nucleotidase mRNA levels in blast cells are a prognostic factor in acute myeloid leukemia patients treated with cytarabine. <i>Haematologica</i> , 2004, 89, 617-9.	1.7	8
81	In vitro susceptibility of CD4+ and CD8+ T cell subsets to fludarabine. <i>Biochemical Pharmacology</i> , 2003, 66, 2185-2191.	2.0	24
82	Influence of p53 and p21WAF1 expression on sensitivity of cancer cells to cladribine. <i>Biochemical Pharmacology</i> , 2003, 65, 121-129.	2.0	22
83	Sensitization of ara-C-resistant lymphoma cells by a pronucleotide analogue. <i>International Journal of Cancer</i> , 2003, 107, 149-154.	2.3	20
84	Deoxycytidine kinase and cN-II nucleotidase expression in blast cells predict survival in acute myeloid leukaemia patients treated with cytarabine. <i>British Journal of Haematology</i> , 2003, 122, 53-60.	1.2	83
85	Pyrimidine nucleoside analogs in cancer treatment. <i>Expert Review of Anticancer Therapy</i> , 2003, 3, 717-728.	1.1	51
86	Role of IMP-SELECTIVE 5â€²-NUCLEOTIDASE (cN-II) in HEMATOLOGICAL MALIGNANCIES. <i>Leukemia and Lymphoma</i> , 2003, 44, 1105-1111.	0.6	28
87	Multidrug resistance in cancer therapy: role of the microenvironment. <i>Current Opinion in Investigational Drugs</i> , 2003, 4, 1416-21.	2.3	24
88	Nucleoside analogues and nucleobases in cancer treatment. <i>Lancet Oncology, The</i> , 2002, 3, 415-424.	5.1	494
89	P-glycoprotein expression by cancer cells affects cell cytotoxicity and cell-cycle perturbations induced by six chemotherapeutic drugs. <i>Journal of Experimental Therapeutics and Oncology</i> , 2002, 2, 146-152.	0.5	6
90	Expression of a non-functional p53 affects the sensitivity of cancer cells to gemcitabine. <i>International Journal of Cancer</i> , 2002, 97, 439-445.	2.3	92

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91	In vivomechanisms of resistance to cytarabine in acute myeloid leukaemia. British Journal of Haematology, 2002, 117, 860-868.	1.2	144
92	Potential mechanisms of resistance to cytarabine in AML patients. Leukemia Research, 2002, 26, 621-629.	0.4	125
93	Expression of high Km 5â€²-nucleotidase in leukemic blasts is an independent prognostic factor in adults with acute myeloid leukemia. Blood, 2001, 98, 1922-1926.	0.6	80
94	Heterogeneous Distribution of Tumor Blood Supply Affects the Response to Chemotherapy in Patients with Head and Neck Cancer. Microcirculation, 2000, 7, 405-410.	1.0	48
95	Heterogeneous Distribution of Tumor Blood Supply Affects the Response to Chemotherapy in Patients with Head and Neck Cancer. , 2000, 7, 405.		10