Guillermo Velasco

List of Publications by Year
in descending order

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112 papers	17,790 citations	36691 53 h-index	31191 106 g-index
116 all docs	116 docs citations	116 times ranked	30737 citing authors

#	Article	IF	Citations
1	Safety and Efficacy of Crizotinib in Combination with Temozolomide and Radiotherapy in Patients with Newly Diagnosed Glioblastoma: Phase Ib GEINO 1402 Trial. Cancers, 2022, 14, 2393.	1.7	8
2	The anti-cancer drug ABTL0812 induces ER stress-mediated cytotoxic autophagy by increasing dihydroceramide levels in cancer cells. Autophagy, 2021, 17, 1349-1366.	4.3	72
3	Cancer Treatment: Preclinical & Clinical. Journal of the National Cancer Institute Monographs, 2021, 2021, 107-113.	0.9	7
4	PANDEMIC: THE PHANTOM MENACE: LEARNING GENETIC ENGINEERING BY A GAME-BASED METHODOLOGY. , 2021, , .		0
5	AMBRA1 regulates cyclin D to guard S-phase entry and genomic integrity. Nature, 2021, 592, 799-803.	13.7	78
6	The Pseudokinase TRIB3 Negatively Regulates the HER2 Receptor Pathway and Is a Biomarker of Good Prognosis in Luminal Breast Cancer. Cancers, 2021, 13, 5307.	1.7	7
7	Transcriptomic Mapping of Non-Small Cell Lung Cancer K-RAS p.G12C Mutated Tumors: Identification of Surfaceome Targets and Immunologic Correlates. Frontiers in Immunology, 2021, 12, 786069.	2.2	7
8	Phase II Trial of Palbociclib in Recurrent Retinoblastoma-Positive Anaplastic Oligodendroglioma: A Study from the Spanish Group for Research in Neuro-Oncology (GEINO). Targeted Oncology, 2020, 15, 613-622.	1.7	11
9	Genetic manipulation of LKB1 elicits lethal metastatic prostate cancer. Journal of Experimental Medicine, 2020, 217, .	4.2	19
10	Genomic and Functional Regulation of TRIB1 Contributes to Prostate Cancer Pathogenesis. Cancers, 2020, 12, 2593.	1.7	26
11	mTOR Inhibition Leads to Src-Mediated EGFR Internalisation and Degradation in Glioma Cells. Cancers, 2020, 12, 2266.	1.7	7
12	Assessing Autophagy in Archived Tissue or How to Capture Autophagic Flux from a Tissue Snapshot. Biology, 2020, 9, 59.	1.3	12
13	Midkine signaling maintains the self-renewal and tumorigenic capacity of glioma initiating cells. Theranostics, 2020, 10, 5120-5136.	4.6	26
14	Inhibiting SUMO1-mediated SUMOylation induces autophagy-mediated cancer cell death and reduces tumour cell invasion via RAC1. Journal of Cell Science, 2019, 132, .	1.2	29
15	GEINO 1402: A phase Ib dose-escalation study followed by an extension phase to evaluate safety and efficacy of crizotinib in combination with temozolomide (TMZ) and radiotherapy (RT) in patients with newly diagnosed glioblastoma (GB). Annals of Oncology, 2019, 30, v147.	0.6	1
16	Phosphorylation of FOXO Proteins as a Key Mechanism to Regulate Their Activity. Methods in Molecular Biology, 2019, 1890, 51-59.	0.4	3
17	Targeting Glioma Initiating Cells with A combined therapy of cannabinoids and temozolomide. Biochemical Pharmacology, 2018, 157, 266-274.	2.0	75
18	Optimization of a preclinical therapy of cannabinoids in combination with temozolomide against glioma. Biochemical Pharmacology, 2018, 157, 275-284.	2.0	44

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19	GEINO 1402: A phase Ib dose-escalation study followed by an extension phase to evaluate safety and efficacy of crizotonib in combination with temozolomide (TMZ) and radiotherapy (RT) in patients with newly diagnosed glioblastoma (GB): Results of the dose-escalation phase.. Journal of Clinical Oncology, 2018, 36, 2054-2054.	0.8	1
20	Corrigendum to â€œThe use of cannabinoids as anticancer agentsâ€•[Prog. Neuro-Psychopharmacol. Biol. Psychiatry 64 (2016) 259â€“266]. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 74, 57.	2.5	2
21	Angiopoietin-1 enhances neutrophil chemotaxis in vitro and migration in vivo through interaction with CD18 and release of CCL4. Scientific Reports, 2017, 7, 2332.	1.6	13
22	Anticancer Mechanisms of Cannabinoids. Current Oncology, 2016, 23, 23-32.	0.9	192
23	The complex relationship of Tribbles pseudokinase 1, PML/RARA and C/EBPÂ in leukemia: two possible couples but not a trio. Haematologica, 2016, 101, 1129-1130.	1.7	0
24	TRANSAUTOPHAGY: European network for multidisciplinary research and translation of autophagy knowledge. Autophagy, 2016, 12, 614-617.	4.3	2
25	The metabolic co-regulator PGC1Î± suppresses prostate cancer metastasis. Nature Cell Biology, 2016, 18, 645-656.	4.6	176
26	Dihydroceramide accumulation mediates cytotoxic autophagy of cancer cells via autolysosome destabilization. Autophagy, 2016, 12, 2213-2229.	4.3	118
27	The cannabinoid receptor CB1contributes to the development of ectopic lesions in a mouse model of endometriosis. Human Reproduction, 2016, 32, 175-184.	0.4	11
28	Competition between members of the tribbles pseudokinase protein family shapes their interactions with mitogen activated protein kinase pathways. Scientific Reports, 2016, 6, 32667.	1.6	40
29	Human Atg8-cardiolipin interactions in mitophagy: Specific properties of LC3B, GABARAPL2 and GABARAP. Autophagy, 2016, 12, 2386-2403.	4.3	67
30	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
31	The New Antitumor Drug ABTL0812 Inhibits the Akt/mTORC1 Axis by Upregulating Tribbles-3 Pseudokinase. Clinical Cancer Research, 2016, 22, 2508-2519.	3.2	58
32	The use of cannabinoids as anticancer agents. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2016, 64, 259-266.	2.5	130
33	Oncosuppressive functions of tribbles pseudokinase 3. Biochemical Society Transactions, 2015, 43, 1122-1126.	1.6	20
34	Tribbles at the cross-roadsâ€¦. Biochemical Society Transactions, 2015, 43, 1049-1050.	1.6	7
35	Exploiting Cannabinoid-Induced Cytotoxic Autophagy to Drive Melanoma Cell Death. Journal of Investigative Dermatology, 2015, 135, 1629-1637.	0.3	126
36	Autophagy in malignant transformation and cancer progression. EMBO Journal, 2015, 34, 856-880.	3.5	1,012

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37	Endocannabinoids and Cancer. Handbook of Experimental Pharmacology, 2015, 231, 449-472.	0.9	45
38	AMPK and PFKFB3 mediate glycolysis and survival inÂresponse to mitophagy during mitotic arrest. Nature Cell Biology, 2015, 17, 1304-1316.	4.6	223
39	AMBRA1 links autophagy to cell proliferation and tumorigenesis by promoting c-Myc dephosphorylation and degradation. Nature Cell Biology, 2015, 17, 20-30.	4.6	200
40	Loss of Tribbles pseudokinase-3 promotes Akt-driven tumorigenesis via FOXO inactivation. Cell Death and Differentiation, 2015, 22, 131-144.	5.0	70
41	TRIB3 suppresses tumorigenesis by controlling mTORC2/AKT/FOXO signaling. Molecular and Cellular Oncology, 2015, 2, e980134.	0.3	16
42	Cannabinoids. , 2015, , 777-782.		0
43	Cannabinoids. , 2015, , 1-5.		0
44	Hsp27 binding to the 3â€²UTR ofbimmRNA prevents neuronal death during oxidative stressâ€“induced injury: a novel cytoprotective mechanism. Molecular Biology of the Cell, 2014, 25, 3413-3423.	0.9	16
45	Gene expression changes associated with erlotinib response in glioma cell lines. European Journal of Cancer, 2013, 49, 1641-1653.	1.3	35
46	The pseudokinase tribbles homologue-3 plays a crucial role in cannabinoid anticancer action. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 1573-1578.	1.2	46
47	NUPR1 works against the metabolic stress-induced autophagy-associated cell death in pancreatic cancer cells. Autophagy, 2013, 9, 95-97.	4.3	22
48	Local Delivery of Cannabinoid-Loaded Microparticles Inhibits Tumor Growth in a Murine Xenograft Model of Glioblastoma Multiforme. PLoS ONE, 2013, 8, e54795.	1.1	76
49	ER Stress As Modulator of Autophagy Pathways. , 2012, , 163-184.		0
50	Nupr1-Aurora Kinase A Pathway Provides Protection against Metabolic Stress-Mediated Autophagic-Associated Cell Death. Clinical Cancer Research, 2012, 18, 5234-5246.	3.2	63
51	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
52	Towards the use of cannabinoids as antitumour agents. Nature Reviews Cancer, 2012, 12, 436-444.	12.8	303
53	A Combined Preclinical Therapy of Cannabinoids and Temozolomide against Glioma. Molecular Cancer Therapeutics, 2011, 10, 90-103.	1.9	238
54	The orphan G protein-coupled receptor GPR55 promotes cancer cell proliferation via ERK. Oncogene, 2011, 30, 245-252.	2.6	160

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55	Stimulation of the midkine/ALK axis renders glioma cells resistant to cannabinoid antitumoral action. Cell Death and Differentiation, 2011, 18, 959-973.	5.0	76
56	Anti-tumoral action of cannabinoids on hepatocellular carcinoma: role of AMPK-dependent activation of autophagy. Cell Death and Differentiation, 2011, 18, 1099-1111.	5.0	224
57	Stimulation of ALK by the growth factor midkine renders glioma cells resistant to autophagy-mediated cell death. Autophagy, 2011, 7, 1071-1073.	4.3	27
58	Detecting Autophagy in Response to ER Stress Signals in Cancer. Methods in Enzymology, 2011, 489, 297-317.	0.4	24
59	Endoplasmic reticulum stressed by pollution. Focus on â€œAirborne particulate matter selectively activates endoplasmic reticulum stress response in the lung and liver tissuesâ€. American Journal of Physiology - Cell Physiology, 2010, 299, C727-C728.	2.1	8
60	Linking ER Stress to Autophagy: Potential Implications for Cancer Therapy. International Journal of Cell Biology, 2010, 2010, 1-19.	1.0	281
61	356 The putative cannabinoid receptor GPR55 participates in the control of cancer cell proliferation. European Journal of Cancer, Supplement, 2010, 8, 91.	2.2	0
62	477 Copy number alterations of glioma cell lines detected by array-based CGH show preferential loss of genetic material and no high-level EGFR amplification. European Journal of Cancer, Supplement, 2010, 8, 122.	2.2	1
63	The CB2 cannabinoid receptor regulates human sperm cell motility. Fertility and Sterility, 2010, 93, 1378-1387.	0.5	64
64	TRB3 links ER stress to autophagy in cannabinoid antitumoral action. Autophagy, 2009, 5, 1048-1049.	4.3	68
65	Cannabinoid action induces autophagy-mediated cell death through stimulation of ER stress in human glioma cells. Journal of Clinical Investigation, 2009, 119, 1359-1372.	3.9	585
66	The TP53INP2 Protein Is Required for Autophagy in Mammalian Cells. Molecular Biology of the Cell, 2009, 20, 870-881.	0.9	107
67	Cannabinoid receptor 1 is a potential drug target for treatment of translocation-positive rhabdomyosarcoma. Molecular Cancer Therapeutics, 2009, 8, 1838-1845.	1.9	46
68	Amphiregulin is a factor for resistance of glioma cells to cannabinoidâ€induced apoptosis. Glia, 2009, 57, 1374-1385.	2.5	37
69	Cannabinoids as Potential Antitumoral Agents in Pancreatic Cancer. , 2009, , 39-49.		1
70	Down-regulation of tissue inhibitor of metalloproteinases-1 in gliomas: a new marker of cannabinoid antitumoral activity?. Neuropharmacology, 2008, 54, 235-243.	2.0	45
71	The antidepressant sertraline downregulates Akt and has activity against melanoma cells. Pigment Cell and Melanoma Research, 2008, 21, 451-456.	1.5	54
72	Cannabinoids Inhibit Glioma Cell Invasion by Down-regulating Matrix Metalloproteinase-2 Expression. Cancer Research, 2008, 68, 1945-1952.	0.4	161

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73	Targeting Cannabinoid Receptors in Brain Tumors. , 2008, , 361-374.		1
74	Cannabinoids Induce Glioma Stem-like Cell Differentiation and Inhibit Gliomagenesis. Journal of Biological Chemistry, 2007, 282, 6854-6862.	1.6	116
75	Cannabinoid CB2 receptor: a new target for controlling neural cell survival?. Trends in Pharmacological Sciences, 2007, 28, 39-45.	4.0	331
76	Cannabinoids and Gliomas. Molecular Neurobiology, 2007, 36, 60-67.	1.9	82
77	Cannabinoid receptors as novel targets for the treatment of melanoma. FASEB Journal, 2006, 20, 2633-2635.	0.2	244
78	A pilot clinical study of Î”9-tetrahydrocannabinol in patients with recurrent glioblastoma multiforme. British Journal of Cancer, 2006, 95, 197-203.	2.9	287
79	The CB2 cannabinoid receptor signals apoptosis via ceramide-dependent activation of the mitochondrial intrinsic pathway. Experimental Cell Research, 2006, 312, 2121-2131.	1.2	84
80	p8 Upregulation sensitizes astrocytes to oxidative stress. FEBS Letters, 2006, 580, 1571-1575.	1.3	20
81	The stress-regulated protein p8 mediates cannabinoid-induced apoptosis of tumor cells. Cancer Cell, 2006, 9, 301-312.	7.7	299
82	Endocannabinoids: A New Family of Lipid Mediators Involved in the Regulation of Neural Cell Development. Current Pharmaceutical Design, 2006, 12, 2319-2325.	0.9	86
83	Cannabinoids Induce Apoptosis of Pancreatic Tumor Cells via Endoplasmic Reticulum Stressâ€“Related Genes. Cancer Research, 2006, 66, 6748-6755.	0.4	302
84	Cannabinoids and ceramide: Two lipids acting hand-by-hand. Life Sciences, 2005, 77, 1723-1731.	2.0	69
85	p38 MAPK is involved in CB2receptor-induced apoptosis of human leukaemia cells. FEBS Letters, 2005, 579, 5084-5088.	1.3	71
86	Hypothesis: cannabinoid therapy for the treatment of gliomas?. Neuropharmacology, 2004, 47, 315-323.	2.0	70
87	Ceramide sensitizes astrocytes to oxidative stress: protective role of cannabinoids. Biochemical Journal, 2004, 380, 435-440.	1.7	54
88	Mechanism of Extracellular Signal-Regulated Kinase Activation by the CB1 Cannabinoid Receptor. Molecular Pharmacology, 2002, 62, 1385-1392.	1.0	173
89	De novo-synthesized ceramide is involved in cannabinoid-induced apoptosis. Biochemical Journal, 2002, 363, 183.	1.7	145
90	De novo-synthesized ceramide is involved in cannabinoid-induced apoptosis. Biochemical Journal, 2002, 363, 183-188.	1.7	144

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91	Cannabinoids Protect Astrocytes from Ceramide-induced Apoptosis through the Phosphatidylinositol 3-Kinase/Protein Kinase B Pathway. Journal of Biological Chemistry, 2002, 277, 36527-36533.	1.6	145
92	Phosphorylation of the regulatory subunit of smooth muscle protein phosphatase 1M at Thr850 induces its dissociation from myosin. FEBS Letters, 2002, 527, 101-104.	1.3	183
93	Possible Involvement of Cytoskeletal Components in the Control of Hepatic Carnitine Palmitoyltransferase I Activity. Advances in Experimental Medicine and Biology, 2002, 466, 43-52.	0.8	6
94	Ceramide Signaling in Cannabinoid Action. Molecular Biology Intelligence Unit, 2002, , 125-132.	0.2	0
95	The AMP-activated protein kinase prevents ceramide synthesis de novo and apoptosis in astrocytes. FEBS Letters, 2001, 489, 149-153.	1.3	154
96	Inhibition of glioma growth in vivo by selective activation of the CB(2) cannabinoid receptor. Cancer Research, 2001, 61, 5784-9.	0.4	298
97	The CB1 cannabinoid receptor is coupled to the activation of protein kinase B/Akt. Biochemical Journal, 2000, 347, 369.	1.7	162
98	The CB1 cannabinoid receptor is coupled to the activation of protein kinase B/Akt. Biochemical Journal, 2000, 347, 369-373.	1.7	215
99	Do Cytoskeletal Components Control Fatty Acid Translocation into Liver Mitochondria?. Trends in Endocrinology and Metabolism, 2000, 11, 49-53.	3.1	17
100	Loss of response of carnitine palmitoyltransferase I to okadaic acid in transformed hepatic cells. Biochemical Pharmacology, 1998, 56, 1485-1488.	2.0	4
101	Evidence that the AMP-activated protein kinase stimulates rat liver carnitine palmitoyltransferase I by phosphorylating cytoskeletal components. FEBS Letters, 1998, 439, 317-320.	1.3	40
102	Malonyl-CoA-independent Acute Control of Hepatic Carnitine Palmitoyltransferase I Activity. Journal of Biological Chemistry, 1998, 273, 21497-21504.	1.6	38
103	Role of Carnitine Palmitoyltransferase I in the Control of Ketogenesis in Primary Cultures of Rat Astrocytes. Journal of Neurochemistry, 1998, 71, 1597-1606.	2.1	88
104	Involvement of Ca2+/calmodulin-dependent protein kinase II in the activation of carnitine palmitoyltransferase I by okadaic acid in rat hepatocytes. Biochemical Journal, 1997, 321, 211-216.	1.7	18
105	Control of Hepatic Fatty Acid Oxidation by 5â€²-AMP-Activated Protein Kinase Involves a Malonyl-CoA-Dependent and a Malonyl-CoA-Independent Mechanism. Archives of Biochemistry and Biophysics, 1997, 337, 169-175.	1.4	110
106	Studies on the Intracellular Localization of Acetyl-CoA Carboxylase. Biochemical and Biophysical Research Communications, 1997, 233, 253-257.	1.0	21
107	Metabolic stimulation of mouse spleen lymphocytes by low doses of 9-tetrahydrocannabinol. Life Sciences, 1997, 60, 1709-1717.	2.0	15
108	Î”9-Tetrahydrocannabinol stimulates glucose utilization in C6 glioma cells. Brain Research, 1997, 767, 64-71.	1.1	33

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109	Are Cytoskeletal Components Involved in the Control of Hepatic Carnitine Palmitoyltransferase I Activity?. Biochemical and Biophysical Research Communications, 1996, 224, 754-759.	1.0	21
110	Effects of extracellular ATP on hepatic fatty acid metabolism. American Journal of Physiology - Renal Physiology, 1996, 270, G701-G707.	1.6	9
111	Effects of anandamide on hepatic fatty acid metabolism. Biochemical Pharmacology, 1995, 50, 885-888.	2.0	18
112	Inhibition of carnitine palmitoyltransferase I by hepatocyte swelling. FEBS Letters, 1994, 344, 239-241.	1.3	21