JosÃ© MartÃ-n Quintana Aguiar

List of Publications by Year
in descending order

87	2,258	159358	264894
papers	citations	30 h-index	42 g-index

93	93	93	2919
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structure-activity relationships reveal a 2-furoyloxychalcone as a potent cytotoxic and apoptosis inducer for human U-937 and HL-60 leukaemia cells. Bioorganic Chemistry, 2022, 127, 105926.	2.0	3
2	Ethanol Enhances Hyperthermia-Induced Cell Death in Human Leukemia Cells. International Journal of Molecular Sciences, 2021, 22, 4948.	1.8	5
3	Design and synthesis of naphthylchalcones as novel anti-leukaemia agents. Bioorganic Chemistry, 2021, 117, 105348.	2.0	1
4	Apoptosis Pathways Triggered by a Potent Antiproliferative Hybrid Chalcone on Human Melanoma Cells. International Journal of Molecular Sciences, 2021, 22, 13462.	1.8	8
5	The synthetic flavanone 6-methoxy-2-(naphthalen-1-yl)chroman-4-one induces apoptosis and activation of the MAPK pathway in human U-937 leukaemia cells. Bioorganic Chemistry, 2020, 94, 103450.	2.0	4
6	Melatonin Induces Melanogenesis in Human SK-MEL-1 Melanoma Cells Involving Glycogen Synthase Kinase-3 and Reactive Oxygen Species. International Journal of Molecular Sciences, 2020, 21, 4970.	1.8	19
7	Synthesis and Biological Evaluation of 2-Substituted Benzyl-/Phenylethylamino-4-amino-5-aroylthiazoles as Apoptosis-Inducing Anticancer Agents. Molecules, 2020, 25, 2177.	1.7	6
8	Cytotoxicity of the Sesquiterpene Lactone Spiciformin and Its Acetyl Derivative against the Human Leukemia Cell Lines U-937 and HL-60. International Journal of Molecular Sciences, 2020, 21, 2782.	1.8	4
9	Chlorinated Guaiane-Type Sesquiterpene Lactones as Cytotoxic Agents against Human Tumor Cells. International Journal of Molecular Sciences, 2020, 21, 9767.	1.8	9
10	6â€²-Benzyloxy-4-bromo-2â€²-hydroxychalcone is cytotoxic against human leukaemia cells and induces caspase-8- and reactive oxygen species-dependent apoptosis. Chemico-Biological Interactions, 2019, 298, 137-145.	1.7	9
11	Recent Advances on Cytotoxic Sesquiterpene Lactones. Current Pharmaceutical Design, 2019, 24, 4355-4361.	0.9	42
12	Synthesis and biological evaluation of alpha-bromoacryloylamido indolyl pyridinyl propenones as potent apoptotic inducers in human leukaemia cells. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 727-742.	2.5	10
13	3â€²-Hydroxy-3,4â€²-dimethoxyflavone-induced cell death in human leukaemia cells is dependent on caspases and reactive oxygen species and attenuated by the inhibition of JNK/SAPK. Chemico-Biological Interactions, 2018, 288, 1-11.	1.7	11
14	Secondary metabolites from two Hispaniola Ageratina species and their cytotoxic activity. Medicinal Chemistry Research, 2018, 27, 1792-1799.	1.1	8
15	Phenalenoneâ€photodynamic therapy induces apoptosis on human tumor cells mediated by caspaseâ€8 and p38â€MAPK activation. Molecular Carcinogenesis, 2018, 57, 1525-1539.	1.3	25
16	Anticancer properties of the abietane diterpene 6,7-dehydroroyleanone obtained by optimized extraction. Future Medicinal Chemistry, 2018, 10, 1177-1189.	1.1	20
17	Design, synthesis, in vitro antiproliferative activity and apoptosis-inducing studies of 1-(3â€²,4â€²,5â€²-trimethoxyphenyl)-3-(2â€²-alkoxycarbonylindolyl)-2-propen-1-one derivatives obtained by a molecular hybridisation approach. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 1225-1238.	2.5	16
18	A Novel Naphthoquinone-Coumarin Hybrid That Inhibits BCR-ABL1-STAT5 Oncogenic Pathway and Reduces Survival in Imatinib-Resistant Chronic Myelogenous Leukemia Cells. Frontiers in Pharmacology, 2018, 9, 1546.	1.6	10

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19	Antiproliferative activity and apoptosis induction by 3â€²,4â€²-dibenzyloxyflavonol on human leukemia cells. Chemico-Biological Interactions, 2017, 268, 13-23.	1.7	8
20	3â€²-Hydroxy-3,4â€²-dimethoxyflavone blocks tubulin polymerization and is a potent apoptotic inducer in human SK-MEL-1 melanoma cells. Bioorganic and Medicinal Chemistry, 2017, 25, 6060-6070.	1.4	9
21	Sesquiterpenoids Isolated from Two Species of the Asteriscus Alliance. Journal of Natural Products, 2016, 79, 1292-1297.	1.5	15
22	Gardenin B-induced cell death in human leukemia cells involves multiple caspases but is independent of the generation of reactive oxygen species. Chemico-Biological Interactions, 2016, 256, 220-227.	1.7	17
23	Melatonin enhances hyperthermiaâ€induced apoptotic cell death in human leukemia cells. Journal of Pineal Research, 2016, 61, 381-395.	3.4	45
24	The eudesmanolide tanapsin from Tanacetum oshanahanii and its acetate induce cell death in human tumor cells through a mechanism dependent on reactive oxygen species. Phytomedicine, 2015, 22, 385-393.	2.3	8
25	The abietane diterpenoid parvifloron D from Plectranthus ecklonii is a potent apoptotic inducer in human leukemia cells. Phytomedicine, 2015, 22, 1009-1016.	2.3	33
26	Eupatorin-Induced Cell Death in Human Leukemia Cells Is Dependent on Caspases and Activates the Mitogen-Activated Protein Kinase Pathway. PLoS ONE, 2014, 9, e112536.	1.1	33
27	Synthesis and effects on cell viability of flavonols and 3-methyl ether derivatives on human leukemia cells. European Journal of Medicinal Chemistry, 2014, 84, 30-41.	2.6	27
28	Induction of G₂/M phase arrest and apoptosis by the flavonoid tamarixetin on human leukemia cells. Molecular Carcinogenesis, 2014, 53, 939-950.	1.3	48
29	Antiproliferative Activity of Abietane Diterpenoids against Human Tumor Cells. Journal of Natural Products, 2013, 76, 1413-1423.	1.5	59
30	Melatonin induces apoptosis through a caspaseâ€dependent but reactive oxygen speciesâ€independent mechanism in human leukemia Moltâ€3 cells. Journal of Pineal Research, 2013, 55, 195-206.	3.4	52
31	A chemotaxonomic study of endemic species of genus Tanacetum from the Canary Islands. Phytochemistry, 2013, 92, 87-104.	1.4	28
32	Cell death triggered by synthetic flavonoids in human leukemia cells is amplified by the inhibition of extracellular signal-regulated kinase signaling. European Journal of Medicinal Chemistry, 2012, 55, 284-296.	2.6	12
33	Ayanin diacetate-induced cell death is amplified by TRAIL in human leukemia cells. Biochemical and Biophysical Research Communications, 2012, 428, 116-120.	1.0	4
34	Cytotoxic sesquiterpene lactones and other constituents of Centaurea omphalotricha. Journal of the Brazilian Chemical Society, 2012, 23, 977-983.	0.6	20
35	Synthetic menthyl Î±/Î²-(1â†’6)-diglucopyranosides-induced cell death in human leukemia cells is dependent on caspases. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 3665-3670.	1.0	1
36	Astragalin heptaacetate-induced cell death in human leukemia cells is dependent on caspases and activates the MAPK pathway. Cancer Letters, 2011, 309, 71-77.	3.2	47

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37	5,7,3â€²-trihydroxy-3,4â€²-dimethoxyflavone inhibits the tubulin polymerization and activates the sphingomyelin pathway. Molecular Carcinogenesis, 2011, 50, 113-122.	1.3	11
38	Secondary Metabolites from Two Species of Pulicaria and Their Cytotoxic Activity. Chemistry and Biodiversity, 2011, 8, 2080-2089.	1.0	9
39	Pregnane steroidal glycosides and their cytostatic activities. Glycobiology, 2011, 21, 619-624.	1.3	3
40	Betuletol 3-methyl ether induces G₂-M phase arrest and activates the sphingomyelin and MAPK pathways in human leukemia cells. Molecular Carcinogenesis, 2010, 49, 32-43.	1.3	17
41	5,7,3â€²â€trihydroxyâ€3,4â€²â€dimethoxyflavoneâ€induced cell death in human Leukemia cells is dependent on caspases and activates the MAPK pathway. Molecular Carcinogenesis, 2010, 49, 464-475.	1.3	23
42	Naturally occurring asteriscunolide A induces apoptosis and activation of mitogenâ€activated protein kinase pathway in human tumor cell lines. Molecular Carcinogenesis, 2010, 49, 488-499.	1.3	25
43	Melatonin decreases cell proliferation and induces melanogenesis in human melanoma SK-MEL-1 cells. Journal of Pineal Research, 2010, 49, no-no.	3.4	78
44	A flavonoid with cytotoxic activity and other constituents from Centaurea africana. Phytochemistry Letters, 2009, 2, 114-118.	0.6	29
45	Trifolin acetate-induced cell death in human leukemia cells is dependent on caspase-6 and activates the MAPK pathway. Apoptosis: an International Journal on Programmed Cell Death, 2008, 13, 716-728.	2.2	33
46	A New Ceramide from Suillus luteus and Its Cytotoxic Activity against Human Melanoma Cells. Chemistry and Biodiversity, 2008, 5, 120-125.	1.0	20
47	Synthesis of novel spirostanic saponins and their cytotoxic activity. Bioorganic and Medicinal Chemistry, 2008, 16, 2063-2076.	1.4	12
48	Induction of G2-M phase arrest and apoptosis by Î±-methylene-Î³-butyrolactones in human leukemia cells. Cancer Letters, 2008, 269, 139-147.	3.2	15
49	Sesquiterpene Lactones from Gonospermum gomerae and G. fruticosum and Their Cytotoxic Activities. Journal of Natural Products, 2008, 71, 2015-2020.	1.5	12
50	Cytotoxic Activities of Flavonoid Glycoside Acetates from Consolida oliveriana. Planta Medica, 2008, 74, 171-174.	0.7	35
51	Acetyl derivative of quercetin 3-methyl ether-induced cell death in human leukemia cells is amplified by the inhibition of ERK. Carcinogenesis, 2007, 28, 2105-2113.	1.3	53
52	Inhibition of proliferation and induction of apoptosis by melatonin in human myeloid HL-60 cells. Journal of Pineal Research, 2007, 42, 131-138.	3.4	81
53	Sesquiterpene lactones and other constituents from Matricaria chamomilla L.. Biochemical Systematics and Ecology, 2007, 35, 533-538.	0.6	12
54	Isolation, Structure Elucidation, Total Synthesis, and Evaluation of New Natural and Synthetic Ceramides on Human SK-MEL-1 Melanoma Cells. Journal of Medicinal Chemistry, 2006, 49, 5830-5839.	2.9	16

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55	Phenylbenzopyrones structure-activity studies identify betuletol derivatives as potential antitumoral agents. European Journal of Pharmacology, 2006, 548, 9-20.	1.7	41
56	A Homo-Isoflavonoid and a Cytotoxic Saponin fromDracaena draco. Chemistry and Biodiversity, 2006, 3, 62-68.	1.0	21
57	Cladocalol, a pentacyclic 28-nor-triterpene from Eucalyptus cladocalyx with cytotoxic activity. Phytochemistry, 2005, 66, 627-632.	1.4	39
58	Sesquiterpenoids fromPulicariacanariensisand Their Cytotoxic Activities#. Journal of Natural Products, 2005, 68, 523-531.	1.5	24
59	Icogenin, a new cytotoxic steroidal saponin isolated from Dracaena draco. Bioorganic and Medicinal Chemistry, 2004, 12, 4423-4429.	1.4	41
60	Isolation fromEucalyptusoccidentalisand Identification of a New Kaempferol Derivative that Induces Apoptosis in Human Myeloid Leukemia Cells. Journal of Natural Products, 2004, 67, 527-531.	1.5	33
61	Lanostanoid Triterpenes fromLaetiporussulphureusand Apoptosis Induction on HL-60 Human Myeloid Leukemia Cells. Journal of Natural Products, 2004, 67, 2008-2011.	1.5	45
62	Enantioselective Synthesis and Biological Activity of (3S,4R)- and (3S,4S)-3-Hydroxy-4-hydroxymethyl-4-butanolides in Relation to PGE2. Journal of Medicinal Chemistry, 2004, 47, 292-295.	2.9	12
63	Identification and quantitation of allelochemicals from the lichen Lethariella canariensis: phytotoxicity and antioxidative activity. Journal of Chemical Ecology, 2003, 29, 2049-2071.	0.9	69
64	Potent induction of apoptosis by germacranolide sesquiterpene lactones on human myeloid leukemia cells. European Journal of Pharmacology, 2003, 482, 77-84.	1.7	46
65	Novel Cytostatic Lanostanoid Triterpenes fromGanoderma australe. Helvetica Chimica Acta, 2003, 86, 3088-3095.	1.0	32
66	Melatonin prevents apoptosis and enhances HSP27 mRNA expression induced by heat shock in HL-60 cells: possible involvement of the MT2receptor. Journal of Pineal Research, 2003, 35, 231-238.	3.4	27
67	Steroidal Saponins from the Bark ofDracaenadracoand Their Cytotoxic Activities. Journal of Natural Products, 2003, 66, 793-798.	1.5	55
68	Sesquiterpenoid Derivatives fromGonospermumelegansand Their Cytotoxic Activity for HL-60 Human Promyelocytic Cells#. Journal of Natural Products, 2003, 66, 943-948.	1.5	21
69	The inducible isoform of CREM (inducible cAMP early repressor, ICER) is a repressor of CYP19 rat ovarian promoter. Journal of Endocrinology, 2003, 179, 417-425.	1.2	19
70	Synthesis and Antiproliferative Activity of a New Compound Containing an Î±-Methylene-Î³-Lactone Group. Journal of Medicinal Chemistry, 2002, 45, 2358-2361.	2.9	48
71	New Lanostanoids from the Fungus Ganoderma concinna. Journal of Natural Products, 2002, 65, 417-421.	1.5	57
72	Chemiluminescence-Based Detection of Minute Amounts of Apoptotic DNA. BioTechniques, 1998, 24, 354-358.	0.8	12

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73	Induction of Guanosine Triphosphate-Cyclohydrolase by Follicle-Stimulating Hormone Enhances Interleukin-1Î²-Stimulated Nitric Oxide Synthase Activity in Granulosa Cells1. Endocrinology, 1997, 138, 162-168.	1.4	17
74	Effect of the protein phosphatase inhibitor okadaic acid on FSH-induced granulosa cell steroidogenesis. Journal of Endocrinology, 1997, 152, 131-139.	1.2	13
75	c-Jun Is a Downstream Target for Ceramide-activated Protein Phosphatase in A431 Cells. Journal of Biological Chemistry, 1996, 271, 21375-21380.	1.6	58
76	Interleukin-1 beta stimulates sphingomyelin hydrolysis in cultured granulosa cells: evidence for a regulatory role of ceramide on progesterone and prostaglandin biosynthesis.. Endocrinology, 1996, 137, 2480-2489.	1.4	63
77	Ceramide mediates tumor necrosis factor effects on P450-aromatase activity in cultured granulosa cells.. Endocrinology, 1995, 136, 2345-2348.	1.4	71
78	Partial characterization of a thyrotropin releasing hormone-sensitive glycosyl-phosphatidylinositol in pituitary lactotrophes. Neuroscience Letters, 1995, 187, 37-40.	1.0	2
79	Follicle-stimulating hormone and human chorionic gonadotropin induced changes in granulosa cell glycosyl-phosphatidylinositol concentration. Journal of Cellular Physiology, 1993, 155, 273-281.	2.0	8
80	Does oligosaccharide-phosphatidylinositol (glycosyl-phosphatidylinositol) hydrolysis mediate prolactin signal transduction in granulosa cells?. FEBS Journal, 1993, 216, 747-755.	0.2	10
81	A polyclonal antibody to a synthetic peptide derived from the rat follicle-stimulating hormone receptor reveals the recombinant receptor as a 74-kilodalton protein.. Endocrinology, 1993, 133, 2098-2104.	1.4	58
82	The regulation of the binding affinity of the luteinizing hormone/choriogonadotropin receptor by sodium ions is mediated by a highly conserved aspartate located in the second transmembrane domain of G protein-coupled receptors.. Molecular Endocrinology, 1993, 7, 767-775.	3.7	39
83	The regulation of the binding affinity of the luteinizing hormone/choriogonadotropin receptor by sodium ions is mediated by a highly conserved aspartate located in the second transmembrane domain of G protein-coupled receptors. Molecular Endocrinology, 1993, 7, 767-775.	3.7	34
84	Testicular 3Î²-hydroxysteroid dehydrogenase/Î”5â€“4 isomerase in the hypophysectomized rat: effect of treatment with 5Î±-dihydrotestosterone. Journal of Endocrinology, 1992, 133, 237-243.	1.2	11
85	Diacylglycerol rather than Ca2+ mediates GnRH inhibition of FSH induced steroidogenesis in ovarian granulosa cells. Biochemical and Biophysical Research Communications, 1992, 188, 198-204.	1.0	8
86	A polyclonal antibody to a synthetic peptide derived from the rat follicle-stimulating hormone receptor reveals the recombinant receptor as a 74-kilodalton protein. , 0, .		16
87	Ceramide mediates tumor necrosis factor effects on P450-aromatase activity in cultured granulosa cells. , 0, .		25