

Consuelo Gajate

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79
papers

4,540
citations

40
h-index

66
g-index

84
ext. papers

5,021
ext. citations

6
avg. IF

5.73
L-index

#	Paper	IF	Citations
79	Microtubules, microtubule-interfering agents and apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2003 , 8, 413-50	5.4	382
78	The antitumor ether lipid ET-18-OCH(3) induces apoptosis through translocation and capping of Fas/CD95 into membrane rafts in human leukemic cells. <i>Blood</i> , 2001 , 98, 3860-3	2.2	225
77	Edelfosine and perifosine induce selective apoptosis in multiple myeloma by recruitment of death receptors and downstream signaling molecules into lipid rafts. <i>Blood</i> , 2007 , 109, 711-9	2.2	212
76	Lipid rafts as major platforms for signaling regulation in cancer. <i>Advances in Biological Regulation</i> , 2015 , 57, 130-46	6.2	194
75	Intracellular triggering of Fas aggregation and recruitment of apoptotic molecules into Fas-enriched rafts in selective tumor cell apoptosis. <i>Journal of Experimental Medicine</i> , 2004 , 200, 353-65	16.6	167
74	Selective induction of apoptosis in cancer cells by the ether lipid ET-18-OCH3 (Edelfosine): molecular structure requirements, cellular uptake, and protection by Bcl-2 and Bcl-X(L). <i>Cancer Research</i> , 1997 , 57, 1320-8	10.1	148
73	Biological activities, mechanisms of action and biomedical prospect of the antitumor ether phospholipid ET-18-OCH(3) (edelfosine), a proapoptotic agent in tumor cells. <i>Current Drug Metabolism</i> , 2002 , 3, 491-525	3.5	140
72	Cytoskeleton-mediated death receptor and ligand concentration in lipid rafts forms apoptosis-promoting clusters in cancer chemotherapy. <i>Journal of Biological Chemistry</i> , 2005 , 280, 11641-7	5.4	131
71	Fas/CD95 death receptor and lipid rafts: new targets for apoptosis-directed cancer therapy. <i>Drug Resistance Updates</i> , 2006 , 9, 51-73	23.2	109
70	Intracellular triggering of Fas, independently of FasL, as a new mechanism of antitumor ether lipid-induced apoptosis. <i>International Journal of Cancer</i> , 2000 , 85, 674-82	7.5	103
69	ET-18-OCH3 (edelfosine): a selective antitumour lipid targeting apoptosis through intracellular activation of Fas/CD95 death receptor. <i>Current Medicinal Chemistry</i> , 2004 , 11, 3163-84	4.3	94
68	Combinatorial SNARE complexes modulate the secretion of cytoplasmic granules in human neutrophils. <i>Journal of Immunology</i> , 2006 , 177, 2831-41	5.3	93
67	Major co-localization of the extracellular-matrix degradative enzymes heparanase and gelatinase in tertiary granules of human neutrophils. <i>Biochemical Journal</i> , 1997 , 327 (Pt 3), 917-23	3.8	91
66	Further naphthylcombretastatins. An investigation on the role of the naphthalene moiety. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 556-68	8.3	88
65	Involvement of mitochondria and caspase-3 in ET-18-OCH(3)-induced apoptosis of human leukemic cells. <i>International Journal of Cancer</i> , 2000 , 86, 208-18	7.5	86
64	Lipid raft-targeted therapy in multiple myeloma. <i>Oncogene</i> , 2010 , 29, 3748-57	9.2	83
63	Involvement of c-Jun NH2-terminal kinase activation and c-Jun in the induction of apoptosis by the ether phospholipid 1-O-octadecyl-2-O-methyl-rac-glycero-3-phosphocholine. <i>Molecular Pharmacology</i> , 1998 , 53, 602-12	4.3	80

62	Aplidin, a marine organism-derived compound with potent antimyeloma activity in vitro and in vivo. <i>Cancer Research</i> , 2008 , 68, 5216-25	10.1	79
61	Endoplasmic reticulum stress in the proapoptotic action of edelfosine in solid tumor cells. <i>Cancer Research</i> , 2007 , 67, 10368-78	10.1	77
60	Involvement of raft aggregates enriched in Fas/CD95 death-inducing signaling complex in the antileukemic action of edelfosine in Jurkat cells. <i>PLoS ONE</i> , 2009 , 4, e5044	3.7	77
59	Lipid raft connection between extrinsic and intrinsic apoptotic pathways. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 380, 780-4	3.4	74
58	In vitro and In vivo selective antitumor activity of Edelfosine against mantle cell lymphoma and chronic lymphocytic leukemia involving lipid rafts. <i>Clinical Cancer Research</i> , 2010 , 16, 2046-54	12.9	73
57	Involvement of mitochondria and recruitment of Fas/CD95 signaling in lipid rafts in resveratrol-mediated antimyeloma and antileukemia actions. <i>Oncogene</i> , 2009 , 28, 3221-34	9.2	69
56	Cytotoxicity of an anti-cancer lysophospholipid through selective modification of lipid raft composition. <i>Journal of Biological Chemistry</i> , 2005 , 280, 38047-58	5.4	67
55	Differential cytostatic and apoptotic effects of ecteinascidin-743 in cancer cells. Transcription-dependent cell cycle arrest and transcription-independent JNK and mitochondrial mediated apoptosis. <i>Journal of Biological Chemistry</i> , 2002 , 277, 41580-9	5.4	63
54	Differences in expression of transcription factor AP-1 in human promyelocytic HL-60 cells during differentiation towards macrophages versus granulocytes. <i>Biochemical Journal</i> , 1993 , 294 (Pt 1), 137-44 ^{3.8}		63
53	Lipid raft-mediated Akt signaling as a therapeutic target in mantle cell lymphoma. <i>Blood Cancer Journal</i> , 2013 , 3, e118	7	62
52	Lipid rafts as signaling hubs in cancer cell survival/death and invasion: implications in tumor progression and therapy: Thematic Review Series: Biology of Lipid Rafts. <i>Journal of Lipid Research</i> , 2020 , 61, 611-635	6.3	60
51	Edelfosine is incorporated into rafts and alters their organization. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 11643-54	3.4	55
50	DNA and non-DNA targets in the mechanism of action of the antitumor drug trabectedin. <i>Chemistry and Biology</i> , 2005 , 12, 1201-10		55
49	Antitumor alkyl-lysophospholipid analog edelfosine induces apoptosis in pancreatic cancer by targeting endoplasmic reticulum. <i>Oncogene</i> , 2012 , 31, 2627-39	9.2	52
48	Involvement of phospholipase D in the activation of transcription factor AP-1 in human T lymphoid Jurkat cells. <i>Journal of Immunology</i> , 1994 , 153, 2457-69	5.3	50
47	Induction of apoptosis in leukemic cells by the reversible microtubule-disrupting agent 2-methoxy-5-(2-(4-(trimethoxyphenyl)-2,4,6-cycloheptatrien-1-yl)ethoxy)-2,4,6-cycloheptatrien-1-one: protection by Bcl-2 and Bcl-X(L) and cell cycle arrest. <i>Cancer Research</i> , 2000 , 60, 2651-9	10.1	50
46	Rapid and selective apoptosis in human leukemic cells induced by Aplidine through a Fas/CD95- and mitochondrial-mediated mechanism. <i>Clinical Cancer Research</i> , 2003 , 9, 1535-45	12.9	49
45	Alkyl ether lipids, ion channels and lipid raft reorganization in cancer therapy. <i>Pharmacology & Therapeutics</i> , 2016 , 165, 114-31	13.9	47

44	Differential targets and subcellular localization of antitumor alkyl-lysophospholipid in leukemic versus solid tumor cells. <i>Journal of Biological Chemistry</i> , 2006 , 281, 14833-40	5.4	47
43	Involvement of lipid rafts in the localization and dysfunction effect of the antitumor ether phospholipid edelfosine in mitochondria. <i>Cell Death and Disease</i> , 2011 , 2, e158	9.8	46
42	Synthesis and biological evaluation of new selective cytotoxic cyclolignans derived from podophyllotoxin. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 1214-22	8.3	45
41	Proapoptotic role of Hsp90 by its interaction with c-Jun N-terminal kinase in lipid rafts in edelfosine-mediated antileukemic therapy. <i>Oncogene</i> , 2008 , 27, 1779-87	9.2	44
40	Lipid rafts, endoplasmic reticulum and mitochondria in the antitumor action of the alkylphospholipid analog edelfosine. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014 , 14, 509-27	2.2	41
39	Lipid rafts and clusters of apoptotic signaling molecule-enriched rafts in cancer therapy. <i>Future Oncology</i> , 2010 , 6, 811-21	3.6	40
38	Induction of apoptosis in human mitogen-activated peripheral blood T-lymphocytes by the ether phospholipid ET-18-OCH ₃ : involvement of the Fas receptor/ligand system. <i>British Journal of Pharmacology</i> , 1999 , 127, 813-25	8.6	40
37	C-Fos is not essential for apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 1996 , 218, 267-72	3.4	40
36	Lipid rafts and raft-mediated supramolecular entities in the regulation of CD95 death receptor apoptotic signaling. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015 , 20, 584-606	5.4	39
35	Involvement of mitochondrial and B-RAF/ERK signaling pathways in berberine-induced apoptosis in human melanoma cells. <i>Anti-Cancer Drugs</i> , 2011 , 22, 507-18	2.4	39
34	Differential gene expression patterns coupled to commitment and acquisition of phenotypic hallmarks during neutrophil differentiation of human leukaemia HL-60 cells. <i>Gene</i> , 2008 , 419, 16-26	3.8	34
33	The ether lipid 1-octadecyl-2-methyl-rac-glycero-3-phosphocholine induces expression of fos and jun proto-oncogenes and activates AP-1 transcription factor in human leukaemic cells. <i>Biochemical Journal</i> , 1994 , 302 (Pt 2), 325-9	3.8	32
32	Rapid human melanoma cell death induced by sanguinarine through oxidative stress. <i>European Journal of Pharmacology</i> , 2013 , 705, 109-18	5.3	31
31	Lipid rafts and Fas/CD95 signaling in cancer chemotherapy. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2011 , 6, 274-83	2.6	31
30	Lipid raft-mediated Fas/CD95 apoptotic signaling in leukemic cells and normal leukocytes and therapeutic implications. <i>Journal of Leukocyte Biology</i> , 2015 , 98, 739-59	6.5	30
29	Drug uptake, lipid rafts, and vesicle trafficking modulate resistance to an anticancer lysophosphatidylcholine analogue in yeast. <i>Journal of Biological Chemistry</i> , 2013 , 288, 8405-8418	5.4	29
28	Antitumor alkyl ether lipid edelfosine: tissue distribution and pharmacokinetic behavior in healthy and tumor-bearing immunosuppressed mice. <i>Clinical Cancer Research</i> , 2009 , 15, 858-64	12.9	29
27	Novel anti-inflammatory action of edelfosine lacking toxicity with protective effect in experimental colitis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009 , 329, 439-49	4.7	28

26	Localization of rap1 and rap2 proteins in the gelatinase-containing granules of human neutrophils. <i>FEBS Letters</i> , 1993 , 326, 209-14	3.8	25
25	Mitochondria and lipid raft-located FOF1-ATP synthase as major therapeutic targets in the antileishmanial and anticancer activities of ether lipid edelfosine. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0005805	4.8	24
24	Mitochondrial-derived ROS in edelfosine-induced apoptosis in yeasts and tumor cells. <i>Acta Pharmacologica Sinica</i> , 2007 , 28, 888-94	8	24
23	Fluorescent phenylpolyene analogues of the ether phospholipid edelfosine for the selective labeling of cancer cells. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 5333-5	8.3	24
22	Cytochrome b co-fractionates with gelatinase-containing granules in human neutrophils. <i>Molecular and Cellular Biochemistry</i> , 1991 , 105, 49-60	4.2	21
21	A Potent Isoprenylcysteine Carboxymethyltransferase (ICMT) Inhibitor Improves Survival in Ras-Driven Acute Myeloid Leukemia. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 6035-6046	8.3	20
20	The Human Leukemia Cell Line HL-60 as a Cell Culture Model To Study Neutrophil Functions and Inflammatory Cell Responses 1998 , 264-297		15
19	Dissociation of the effects of the antitumour ether lipid ET-18-OCH3 on cytosolic calcium and on apoptosis. <i>British Journal of Pharmacology</i> , 1997 , 121, 1364-8	8.6	14
18	Endoplasmic reticulum targeting in Ewing's sarcoma by the alkylphospholipid analog edelfosine. <i>Oncotarget</i> , 2015 , 6, 14596-613	3.3	14
17	Antitumor activity of <i>Lepidium latifolium</i> and identification of the epithionitrile 1-cyano-2,3-epithiopropene as its major active component. <i>Molecular Carcinogenesis</i> , 2018 , 57, 347-360	5	14
16	FasL-Independent Activation of Fas 2006 , 13-27		12
15	Effects of the anti-neoplastic agent ET-18-OCH3 and some analogs on the biophysical properties of model membranes. <i>International Journal of Pharmaceutics</i> , 2006 , 318, 28-40	6.5	12
14	Development of a Nucleotide Exchange Inhibitor That Impairs Ras Oncogenic Signaling. <i>Chemistry - A European Journal</i> , 2017 , 23, 1676-1685	4.8	10
13	Isolation of Lipid Rafts Through Discontinuous Sucrose Gradient Centrifugation and Fas/CD95 Death Receptor Localization in Raft Fractions. <i>Methods in Molecular Biology</i> , 2017 , 1557, 125-138	1.4	9
12	Substitution at the indole 3 position yields highly potent indolecembrestatins against human tumor cells. <i>European Journal of Medicinal Chemistry</i> , 2018 , 158, 167-183	6.8	8
11	Potent colchicine-site ligands with improved intrinsic solubility by replacement of the 3,4,5-trimethoxyphenyl ring with a 2-methylsulfanyl-6-methoxypyridine ring. <i>Bioorganic Chemistry</i> , 2020 , 98, 103755	5.1	7
10	Apoptotic mechanisms are involved in the death of <i>Strongyloides venezuelensis</i> after triggering of nitric oxide. <i>Parasite Immunology</i> , 2012 , 34, 570-80	2.2	7
9	The alkylphospholipid edelfosine shows activity against <i>Strongyloides venezuelensis</i> and induces apoptosis-like cell death. <i>Acta Tropica</i> , 2016 , 162, 180-187	3.2	6

8	Neutrophils drive endoplasmic reticulum stress-mediated apoptosis in cancer cells through arginase-1 release. <i>Scientific Reports</i> , 2021 , 11, 12574	4.9	5
7	Induction of cell killing and autophagy by amphiphilic pyrrolidine derivatives on human pancreatic cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2018 , 150, 457-478	6.8	4
6	Mitochondrial Targeting Involving Cholesterol-Rich Lipid Rafts in the Mechanism of Action of the Antitumor Ether Lipid and Alkylphospholipid Analog Edelfosine. <i>Pharmaceutics</i> , 2021 , 13,	6.4	4
5	Methylsulfanylpyridine based diheteroaryl isocombretastatin analogs as potent anti-proliferative agents. <i>European Journal of Medicinal Chemistry</i> , 2021 , 209, 112933	6.8	2
4	Direct Endoplasmic Reticulum Targeting by the Selective Alkylphospholipid Analog and Antitumor Ether Lipid Edelfosine as a Therapeutic Approach in Pancreatic Cancer. <i>Cancers</i> , 2021 , 13,	6.6	2
3	Lipid Raft Isolation by Sucrose Gradient Centrifugation and Visualization of Raft-Located Proteins by Fluorescence Microscopy: The Use of Combined Techniques to Assess Fas/CD95 Location in Rafts During Apoptosis Triggering. <i>Methods in Molecular Biology</i> , 2021 , 2187, 147-186	1.4	2
2	Fas/CD95, Lipid Rafts, and Cancer. <i>Resistance To Targeted Anti-cancer Therapeutics</i> , 2017 , 187-227	0.3	1
1	Identification of new FK866 analogues with potent anticancer activity against pancreatic cancer. <i>European Journal of Medicinal Chemistry</i> , 2022 , 114504	6.8	1