

# Françesc Viladomat

## List of Publications by Year in descending order

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116  
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3935  
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#	ARTICLE	IF	CITATIONS
1	GC-MS of some lycorine-type Amaryllidaceae alkaloids. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4704.	1.6	9
2	Chemodiversity, chemotaxonomy and chemoecology of Amaryllidaceae alkaloids. <i>The Alkaloids Chemistry and Biology</i> , 2020, 83, 113-185.	2.0	58
3	Analysis of Polyamines Conjugated with Hydroxycinnamoyl Acids by High-Performance Liquid Chromatography Coupled to Electrospray Ionization Tandem Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2018, 1694, 95-104.	0.9	1
4	N-oxide alkaloids from <i>Crinum amabile</i> (Amaryllidaceae). <i>Molecules</i> , 2018, 23, 1277.	3.8	20
5	Alkaloid Constituents of the Amaryllidaceae Plant <i>Amaryllis belladonna</i> L. <i>Molecules</i> , 2017, 22, 1437.	3.8	37
6	<i>Hippeastrum reticulatum</i> (Amaryllidaceae): Alkaloid Profiling, Biological Activities and Molecular Docking. <i>Molecules</i> , 2017, 22, 2191.	3.8	23
7	New Alkaloids from <i>Hippeastrum papilio</i> (Ravenala) Vavilov <i>Scheepchen</i> . <i>Helvetica Chimica Acta</i> , 2016, 99, 143-147.	1.6	18
8	Alkaloids from <i>Crinum erubescens</i> Aiton. <i>Arabian Journal of Chemistry</i> , 2016, 9, 688-693.	4.9	10
9	The Brazilian Amaryllidaceae as a source of acetylcholinesterase inhibitory alkaloids. <i>Phytochemistry Reviews</i> , 2016, 15, 147-160.	6.5	23
10	General Overview of Plant Secondary Metabolism. , 2015, , 539-568.		3
11	Analysis of Bioactive Amaryllidaceae Alkaloid Profiles in <i>Lycoris</i> Species by GC-MS. <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.5	7
12	Metabolomic analysis of bioactive Amaryllidaceae alkaloids of ornamental varieties of <i>Narcissus</i> by GC-MS combined with k-means cluster analysis. <i>Industrial Crops and Products</i> , 2014, 56, 211-222.	5.2	44
13	Crinine-type alkaloids from <i>Hippeastrum aulicum</i> and <i>H. calyptratum</i> . <i>Phytochemistry</i> , 2014, 103, 188-195.	2.9	29
14	Wild daffodils of the section <i>Ganymedes</i> from the Iberian Peninsula as a source of mesembrane alkaloids. <i>Phytochemistry</i> , 2013, 95, 384-393.	2.9	12
15	Daffodils as potential crops of galanthamine. Assessment of more than 100 ornamental varieties for their alkaloid content and acetylcholinesterase inhibitory activity. <i>Industrial Crops and Products</i> , 2013, 43, 237-244.	5.2	36
16	The geographic isolation of <i>Leucojum aestivum</i> populations leads to divergation of alkaloid biosynthesis. <i>Biochemical Systematics and Ecology</i> , 2013, 46, 152-161.	1.3	14
17	Alkaloids of the South African Amaryllidaceae: A Review. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.5	39
18	Cytotoxic Agents of the Crinine Series of Amaryllidaceae Alkaloids. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.5	3

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19	Bioactive alkaloid extracts from <i>Narcissus broussonetii</i> : Mass spectral studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 70, 13-25.	2.8	52
20	Analysis of phenolic compounds by high-performance liquid chromatography coupled to electrospray ionization tandem mass spectrometry in senescent and water-stressed tobacco. <i>Plant Science</i> , 2012, 182, 71-78.	3.6	61
21	Alkaloids from <i>Narcissus serotinus</i> . <i>Journal of Natural Products</i> , 2012, 75, 1643-1647.	3.0	30
22	GC-MS of amaryllidaceous galanthamine-type alkaloids. <i>Journal of Mass Spectrometry</i> , 2012, 47, 1065-1073.	1.6	28
23	Cytotoxic Agents of the Crinane Series of Amaryllidaceae Alkaloids. <i>Natural Product Communications</i> , 2012, 7, 1934578X1200701.	0.5	24
24	Alkaloids from <i>Galanthus rizehensis</i> . <i>Phytochemistry Letters</i> , 2012, 5, 367-370.	1.2	21
25	Development and validation of a GC-MS method for rapid determination of galanthamine in <i>Leucojum aestivum</i> and <i>Narcissus</i> ssp.: A metabolomic approach. <i>Talanta</i> , 2011, 83, 1455-1465.	5.5	60
26	Alkaloids from <i>Hippeastrum papilio</i> . <i>Molecules</i> , 2011, 16, 7097-7104.	3.8	31
27	Acetylcholinesterase-inhibiting Alkaloids from <i>Zephyranthes concolor</i> . <i>Molecules</i> , 2011, 16, 9520-9533.	3.8	23
28	Antiprotozoal alkaloids from <i>Galanthus trojanus</i> . <i>Phytochemistry Letters</i> , 2011, 4, 301-305.	1.2	42
29	Antiproliferative Alkaloids from <i>Crinum zeylanicum</i> . <i>Phytotherapy Research</i> , 2011, 25, 1686-1692.	5.8	35
30	Alkaloid Diversity in <i>Galanthus elwesii</i> and <i>Galanthus nivalis</i> . <i>Chemistry and Biodiversity</i> , 2011, 8, 115-130.	2.1	40
31	In vitro antiprotozoal activity of alkaloids from <i>Phaedranassa dubia</i> (Amaryllidaceae). <i>Phytochemistry Letters</i> , 2010, 3, 161-163.	1.2	52
32	Changes in apolar metabolites during in vitro organogenesis of <i>Pancreatium maritimum</i> . <i>Plant Physiology and Biochemistry</i> , 2010, 48, 827-835.	5.8	23
33	Metabolic profiling of bioactive <i>Pancreatium canariense</i> extracts by GC-MS. <i>Phytochemical Analysis</i> , 2010, 21, 80-88.	2.4	51
34	Two New Alkaloids from <i>Narcissus serotinus</i> L.. <i>Molecules</i> , 2010, 15, 7083-7089.	3.8	15
35	Three New Alkaloids from <i>Galanthus nivalis</i> and <i>Galanthus elwesii</i> . <i>Planta Medica</i> , 2009, 75, 1351-1355.	1.3	19
36	Plant Sources of Galanthamine: Phytochemical and Biotechnological Aspects. <i>Biotechnology and Biotechnological Equipment</i> , 2009, 23, 1170-1176.	1.3	76

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37	Alkaloids from <i>Sternbergia colchiciflora</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2009, 64, 311-316.	1.4	19
38	Analysis of galanthamine-type alkaloids by capillary gas chromatography-mass spectrometry in plants. <i>Phytochemical Analysis</i> , 2008, 19, 285-293.	2.4	46
39	Rapid TLC/GC-MS identification of acetylcholinesterase inhibitors in alkaloid extracts. <i>Phytochemical Analysis</i> , 2008, 19, 411-419.	2.4	63
40	N-Alkylated galanthamine derivatives: Potent acetylcholinesterase inhibitors from <i>Leucojum aestivum</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 2263-2266.	2.2	66
41	Phytochemical differentiation of <i>Galanthus nivalis</i> and <i>Galanthus elwesii</i> (Amaryllidaceae): A case study. <i>Biochemical Systematics and Ecology</i> , 2008, 36, 638-645.	1.3	50
42	Antioxidant Activity and Phenolic Composition of Wild, Edible, and Medicinal Fennel from Different Mediterranean Countries. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 1912-1920.	5.2	103
43	Alkaloid Variability in <i>Leucojum aestivum</i> from Wild Populations. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2007, 62, 627-635.	1.4	36
44	Revised NMR data for Incartine: an Alkaloid from <i>Galanthus elwesii</i> . <i>Molecules</i> , 2007, 12, 1430-1435.	3.8	33
45	Antioxidant Activity and Phenolic Composition of Lavandin ( <i>Lavandula x intermedia</i> Emeric ex) Tj ETQq1 1 0.784314 rgBT /Overlock 10	5.2	66
46	Alkaloids from <i>Galanthus nivalis</i> . <i>Phytochemistry</i> , 2007, 68, 1791-1798.	2.9	36
47	Chapter 3 Chemical and Biological Aspects of Narcissus Alkaloids. <i>The Alkaloids Chemistry and Biology</i> , 2006, 63, 87-179.	2.0	102
48	Alkaloids from. <i>Phytochemistry</i> , 2005, 66, 373-382.	2.9	37
49	Acylated quercetagenin glycosides with antioxidant activity from <i>Tagetes maxima</i> . <i>Phytochemistry</i> , 2005, 66, 2356-2362.	2.9	39
50	Improved Production of Galanthamine and Related Alkaloids by Methyl Jasmonate in <i>Narcissus confusus</i> Shoot-Clumps. <i>Planta Medica</i> , 2004, 70, 1180-1188.	1.3	38
51	Separation and Characterization of Phenolic Compounds in Fennel ( <i>Foeniculum vulgare</i> ) Using Liquid Chromatography-Negative Electrospray Ionization Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 3679-3687.	5.2	198
52	Augustamine type alkaloids from <i>Crinum kirkii</i> . <i>Phytochemistry</i> , 2004, 65, 3143-3149.	2.9	49
53	Qualitative analysis of phenolic compounds in apple pomace using liquid chromatography coupled to mass spectrometry in tandem mode. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 553-563.	1.5	147
54	Characterization of acylated flavonoid-O-glycosides and methoxylated flavonoids from <i>Tagetes maxima</i> by liquid chromatography coupled to electrospray ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2801-2810.	1.5	77

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55	Development and validation of a high-performance liquid chromatographic method for the analysis of antioxidative phenolic compounds in fennel using a narrow bore reversed phase C18 column. <i>Analytica Chimica Acta</i> , 2004, 512, 271-280.	5.4	45
56	Investigation of <i>Lepechinia graveolens</i> for its antioxidant activity and phenolic composition. <i>Journal of Ethnopharmacology</i> , 2004, 94, 175-184.	4.1	41
57	Bioguided Isolation and Identification of the Nonvolatile Antioxidant Compounds from Fennel ( <i>Foeniculum vulgare</i> Mill.) Waste. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 1890-1897.	5.2	99
58	Seasonal and spatial variations of alkaloids in <i>Merendera montana</i> in relation to chemical defense and phenology. <i>Journal of Chemical Ecology</i> , 2003, 29, 1117-1126.	1.8	22
59	Occurrence of colchicine derivatives in plants of the genus <i>Androcymbium</i> . <i>Biochemical Systematics and Ecology</i> , 2003, 31, 715-722.	1.3	19
60	Identification of phenolic compounds in artichoke waste by high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2003, 1008, 57-72.	3.7	145
61	Supercritical carbon dioxide extraction of colchicine and related alkaloids from seeds of <i>Colchicum autumnale</i> L.. <i>Phytochemical Analysis</i> , 2003, 14, 164-169.	2.4	41
62	Investigation of Bolivian plant extracts for their radical scavenging activity and antioxidant activity. <i>Life Sciences</i> , 2003, 73, 1667-1681.	4.3	100
63	Mass propagation of <i>Cyrtanthus clavatus</i> and <i>Cyrtanthus spiralis</i> using liquid medium culture. <i>Scientia Horticulturae</i> , 2003, 98, 49-60.	3.6	13
64	Anti-Human Immunodeficiency Virus Type 1 (HIV-1) Activity of Lectins from <i>Narcissus</i> Species. <i>Planta Medica</i> , 2003, 69, 109-112.	1.3	30
65	Galanthamine Pattern in <i>Narcissus confusus</i> Plants. <i>Planta Medica</i> , 2003, 69, 1166-1168.	1.3	17
66	Alkaloids from <i>Eucharis amazonica</i> (Amaryllidaceae).. <i>Chemical and Pharmaceutical Bulletin</i> , 2003, 51, 315-317.	1.3	26
67	Biodiversity of Mannose-Specific Lectins within <i>Narcissus</i> Species. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 2507-2513.	5.2	11
68	Comparison between the Radical Scavenging Activity and Antioxidant Activity of Six Distilled and Nondistilled Mediterranean Herbs and Aromatic Plants. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 6882-6890.	5.2	379
69	Variation of the Arbutin Content in Different Wild Populations of <i>Arctostaphylos uva-ursi</i> in Catalonia, Spain. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2002, 9, 329-333.	1.1	7
70	Acetylcholinesterase inhibitory activity of some Amaryllidaceae alkaloids and <i>Narcissus</i> extracts. <i>Life Sciences</i> , 2002, 71, 2521-2529.	4.3	276
71	Solid-phase extraction and reversed-phase high-performance liquid chromatography of the five major alkaloids in <i>Narcissus confusus</i> . <i>Phytochemical Analysis</i> , 2002, 13, 311-315.	2.4	30
72	Alkaloids from <i>Narcissus angustifolius</i> subsp. <i>transcarpathicus</i> (Amaryllidaceae). <i>Phytochemistry</i> , 2002, 60, 847-852.	2.9	57

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73	A dinitrogenous alkaloid from <i>Cyrtanthus obliquus</i> . <i>Phytochemistry</i> , 2002, 61, 443-447.	2.9	30
74	A single extraction step in the quantitative analysis of arbutin in bearberry ( <i>Arctostaphylos uva-ursi</i> ) leaves by high-performance liquid chromatography. <i>Phytochemical Analysis</i> , 2001, 12, 336-339.	2.4	65
75	Alkaloids from <i>Cyrtanthus elatus</i> . <i>Fă-toterapĂ-Ăc</i> , 2001, 72, 444-448.	2.2	32
76	Crinane and Lycorane Type Alkaloids from <i>Zephyranthes citrina</i> . <i>Planta Medica</i> , 2001, 67, 191-193.	1.3	51
77	Bioactive alkaloids from <i>Brunsvigia radulosa</i> . <i>Phytochemistry</i> , 2000, 53, 587-591.	2.9	82
78	Alkaloids from <i>Crinum macowanii</i> . <i>Phytochemistry</i> , 2000, 54, 945-950.	2.9	46
79	Alkaloids from <i>Narcissus bujei</i> (Amaryllidaceae) 1Part 25 in the series "Narcissus alkaloids"; For part 24 see Viladomat et al., 1997 [Viladomat, F., SellĂ©s, M., Codina, C. and Bastida, J., <i>Planta Medica</i> , 1997, 63, 583.].1. <i>Phytochemistry</i> , 1999, 50, 183-188.	2.9	14
80	Alkaloids from <i>Ammocharis tinneana</i> . <i>Phytochemistry</i> , 1999, 51, 1185-1191.	2.9	28
81	Callus induction, somatic embryogenesis and organogenesis in <i>Narcissus confusus</i> : correlation between the state of differentiation and the content of galanthamine and related alkaloids. <i>Plant Cell Reports</i> , 1999, 18, 646-651.	5.6	51
82	Alkaloids from <i>Crinum delagoense</i> 1Part 6 in the series "Alkaloids from South African Amaryllidaceae"; For part 5 see ref.[1].1. <i>Phytochemistry</i> , 1998, 49, 2539-2543.	2.9	42
83	Ismine. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1998, 54, 81-82.	0.4	3
84	Cytotoxic and Antimalarial Alkaloids from <i>Brunsvigia littoralis</i> . <i>Planta Medica</i> , 1998, 64, 91-93.	1.3	82
85	Alkaloids from <i>Crinum stuhlmannii</i> . <i>Planta Medica</i> , 1998, 64, 679-680.	1.3	13
86	Title is missing!. <i>Plant Cell, Tissue and Organ Culture</i> , 1997, 49, 129-136.	2.3	45
87	Alkaloids from <i>Narcissus</i> cv. <i>Salome</i> . <i>Phytochemistry</i> , 1996, 43, 1375-1378.	2.9	25
88	Alkaloids from <i>Brunsvigia orientalis</i> . <i>Phytochemistry</i> , 1996, 43, 1379-1384.	2.9	28
89	Alkaloids from <i>Behria tenuiflora</i> . <i>Planta Medica</i> , 1996, 62, 575-577.	1.3	14
90	Alkaloids from <i>Narcissus tortuosus</i> . <i>Phytochemistry</i> , 1995, 38, 549-551.	2.9	19

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91	Alkaloids from <i>Boophane flava</i> . <i>Phytochemistry</i> , 1995, 40, 307-311.	2.9	95
92	Further alkaloids from <i>Brunsvigia josephinae</i> . <i>Phytochemistry</i> , 1995, 40, 961-965.	2.9	54
93	Alkaloids from <i>Brunsvigia josephinae</i> . <i>Phytochemistry</i> , 1994, 35, 809-812.	2.9	56
94	Alkaloids from <i>Narcissus leonensis</i> . <i>Phytochemistry</i> , 1993, 34, 1656-1658.	2.9	22
95	Alkaloids from <i>Narcissus muozii-garmendi</i> . <i>Phytochemistry</i> , 1993, 32, 1354-1356.	2.9	23
96	2d Nmr Studies of Lycorenine As A Model For the Structural Assignment of Lycorenine-Type Alkaloids. <i>Natural Product Research</i> , 1992, 1, 85-92.	0.4	10
97	Narcissus Alkaloids, XIV. (+)-8-O-Acetylhomolycorine and Vasconine, Two Novel Alkaloids from <i>Narcissus vasconicus</i> . <i>Journal of Natural Products</i> , 1992, 55, 122-125.	3.0	24
98	Narcissus Alkaloids, XV. Roserine from <i>Narcissus pallidulus</i> . <i>Journal of Natural Products</i> , 1992, 55, 134-136.	3.0	18
99	Narcissus Alkaloids, XVII. Obesine, a Novel Alkaloid from <i>Narcissus, obesus</i> . <i>Journal of Natural Products</i> , 1992, 55, 804-806.	3.0	17
100	9-O-Demethyl-2-hydroxyhomolycorine, an alkaloid from <i>Narcissus tortifolius</i> . <i>Phytochemistry</i> , 1990, 29, 2683-2684.	2.9	12
101	A heterodimer alkaloid from <i>Narcissus pallidiflorus</i> . <i>Phytochemistry</i> , 1990, 29, 2685-2687.	2.9	16
102	Alkaloids from <i>Narcissus bicolor</i> . <i>Phytochemistry</i> , 1990, 29, 1307-1310.	2.9	62
103	Narcissus Alkaloids, XIII. Complete Assignment of the Nmr Spectra of Papyramine and 6-epi-Papyramine by Two-Dimensional Nmr Spectroscopy. <i>Journal of Natural Products</i> , 1990, 53, 1456-1462.	3.0	31
104	Narcissus Alkaloids, VIII. Mesembrenone: An Unexpected Alkaloid From <i>Narcissus Pallidulus</i> . <i>Journal of Natural Products</i> , 1989, 52, 478-480.	3.0	19
105	Dubiusine from <i>Narcissus dubius</i> . <i>Phytochemistry</i> , 1988, 27, 3657-3660.	2.9	10
106	Free amino acids and alkaloid content in snapdragon plants grown with nitrate, urea or ammonium nutrition. <i>Journal of Plant Nutrition</i> , 1988, 11, 1-15.	1.9	4
107	Screening of Higher Fungi from Catalonia for Alkaloids-II. <i>International Journal of Crude Drug Research</i> , 1987, 25, 129-132.	0.3	3
108	Screening of Higher Fungi from Catalonia for Alkaloids-I. <i>International Journal of Crude Drug Research</i> , 1987, 25, 120-124.	0.3	2

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109	Narcissus Alkaloids, III. 9-O-Demethylhomolycorine from <i>Narcissus confusus</i> . <i>Journal of Natural Products</i> , 1987, 50, 199-202.	3.0	26
110	Alkaloids from <i>Narcissus confusus</i> . <i>Phytochemistry</i> , 1987, 26, 1519-1524.	2.9	60
111	Two alkaloids from <i>Narcissus requienii</i> . <i>Phytochemistry</i> , 1986, 25, 1453-1459.	2.9	22
112	Phenanthridine alkaloids from <i>Narcissus assoanus</i> . <i>Phytochemistry</i> , 1986, 25, 2637-2638.	2.9	42
113	Ontogenic variations in the alkaloids of <i>Narcissus assoanus</i> . <i>Physiologia Plantarum</i> , 1986, 68, 657-661.	5.2	17
114	Alkaloid Screening of Plants of Catalonia (Spain) III. <i>International Journal of Crude Drug Research</i> , 1986, 24, 123-130.	0.3	10
115	Alkaloid Screening of Catalonia (Spain) Plants. II. <i>International Journal of Crude Drug Research</i> , 1985, 23, 105-117.	0.3	7
116	Alkaloid Screening of Catalonia (Spain) Plants, I.. <i>Journal of Natural Products</i> , 1984, 47, 64-69.	3.0	10