Francisco A. MacÃ-as

List of Publications by Year
in descending order

257	9,894	44069	53230
papers	citations	48 h-index	85 g-index

269	269	269	7655
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Natural products in drug discovery: advances and opportunities. Nature Reviews Drug Discovery, 2021, 20, 200-216.	46.4	1,990
2	Allelopathyâ€"a natural alternative for weed control. Pest Management Science, 2007, 63, 327-348.	3.4	354
3	Search for a Standard Phytotoxic Bioassay for Allelochemicals. Selection of Standard Target Speciesâ€. Journal of Agricultural and Food Chemistry, 2000, 48, 2512-2521.	5.2	242
4	Just how insoluble are monoterpenes?. Journal of Chemical Ecology, 1993, 19, 1799-1807.	1.8	194
5	Fungicidal activity of natural and synthetic sesquiterpene lactone analogs. Phytochemistry, 2000, 53, 747-757.	2.9	179
6	Recent advances in allelopathy for weed control: from knowledge to applications. Pest Management Science, 2019, 75, 2413-2436.	3.4	168
7	Benzoxazinoids in Rye Allelopathy - From Discovery to Application in Sustainable Weed Control and Organic Farming. Journal of Chemical Ecology, 2013, 39, 154-174.	1.8	154
8	Structural Elucidation and Chemistry of a Novel Family of Bioactive Sesquiterpenes: Heliannuols. Journal of Organic Chemistry, 1994, 59, 8261-8266.	3.2	148
9	Degradation Studies on Benzoxazinoids. Soil Degradation Dynamics of 2,4-Dihydroxy-7-methoxy-(2H)-1,4-benzoxazin-3(4H)-one (DIMBOA) and Its Degradation Products, Phytotoxic Allelochemicals from Gramineae. Journal of Agricultural and Food Chemistry, 2004, 52, 6402-6413.	5.2	125
10	Bioactive terpenoids from sunflower leaves cv. PeredovickÂ®. Phytochemistry, 2002, 61, 687-692.	2.9	108
11	Rediscovering the bioactivity and ecological role of 1,4-benzoxazinones. Natural Product Reports, 2009, 26, 478.	10.3	106
12	Structureâ^'Activity Relationships (SAR) Studies of Benzoxazinones, Their Degradation Products and Analogues. Phytotoxicity on Standard Target Species (STS). Journal of Agricultural and Food Chemistry, 2005, 53, 538-548.	5.2	99
13	Novel sesquiterpene from bioactive fractions of cultivar sunflowers. Tetrahedron Letters, 1993, 34, 1999-2002.	1.4	96
14	Dehydrozaluzanin C, a natural sesquiterpenolide, causes rapid plasma membrane leakage. Phytochemistry, 1999, 52, 805-813.	2.9	93
15	Degradation Studies on Benzoxazinoids. Soil Degradation Dynamics of (2R)-2-O-Î²-d-Glucopyranosyl-4-hydroxy-(2H)- 1,4-benzoxazin-3(4H)-one (DIBOA-Glc) and Its Degradation Products, Phytotoxic Allelochemicals from Gramineae. Journal of Agricultural and Food Chemistry, 2005, 53, 554-561.	5.2	92
16	Bioactive norsesquiterpenes from Helianthus annuus with potential allelopathic activity. Phytochemistry, 1998, 48, 631-636.	2.9	88
17	Potential allelopathic activity of several sesquiterpene lactone models. Phytochemistry, 1992, 31, 1969-1977.	2.9	87
18	Alfalfa (Medicago sativaL.) Flavonoids. 2. Tricin and Chrysoeriol Glycosides from Aerial Parts. Journal of Agricultural and Food Chemistry, 2001, 49, 5310-5314.	5.2	82

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19	Allelochemicals from sunflower leaves cv. Peredovick. Phytochemistry, 1999, 52, 613-621.	2.9	80
20	Potential allelopathic sesquiterpene lactones from sunflower leaves. Phytochemistry, 1996, 43, 1205-1215.	2.9	78
21	New Bioactive Plant Heliannuols from Cultivar Sunflower Leaves1. Journal of Natural Products, 1999, 62, 1636-1639.	3.0	76
22	Isolation and Synthesis of Allelochemicals from Gramineae:Â Benzoxazinones and Related Compounds. Journal of Agricultural and Food Chemistry, 2006, 54, 991-1000.	5.2	76
23	Synthesis, antibacterial and antifungal activities of naphthoquinone derivatives: a structureâ€“activity relationship study. Medicinal Chemistry Research, 2016, 25, 1274-1285.	2.4	72
24	Potential allelopathic guaianolides from cultivar sunflower leaves, var. SH-222. Phytochemistry, 1993, 34, 669-674.	2.9	71
25	Bioactive phenolics and polar compounds from Melilotus messanensis1Part 8 in the series â€œNatural Products as Allelochemicalsâ€; for Part 7 see MacÄ±às et al. [MacÄ±às, F. A., Simonet, A. M., Galindo, J. C. G., Pacheco, P. C. and SÃ¡nchez, J. A., Phytochemistry, 1998. 149, 709].1. Phytochemistry, 1999, 50, 35-46.	2.9	68
26	Structureâ^'Activity Relationship (SAR) Studies of Benzoxazinones, Their Degradation Products, and Analogues. Phytotoxicity on Problematic WeedsAvena fatuaL. andLolium rigidumGaud.. Journal of Agricultural and Food Chemistry, 2006, 54, 1040-1048.	5.2	65
27	Bioactive steroids from Oryza sativa L.. Steroids, 2006, 71, 603-608.	1.8	65
28	Sunflower sesquiterpene lactone models induce Orobanche cumana seed germination. Phytochemistry, 2000, 53, 45-50.	2.9	64
29	Bioactive flavonoids from Helianthus annuus cultivars. Phytochemistry, 1997, 45, 683-687.	2.9	63
30	Allelopathy as a new strategy for sustainable ecosystems development. Uchu Seibutsu Kagaku, 2003, 17, 18-23.	0.3	62
31	Plant biocommunicators: their phytotoxicity, degradation studies and potential use as herbicide models. Phytochemistry Reviews, 2007, 7, 179-194.	6.5	62
32	Heliannuol E. A novel bioactive sesquiterpene of the heliannane family. Tetrahedron Letters, 1999, 40, 4725-4728.	1.4	61
33	Bioactive Lignans from a Cultivar ofHelianthus annuus. Journal of Agricultural and Food Chemistry, 2004, 52, 6443-6447.	5.2	60
34	Effects of 6-methoxy-2-benzoxazolinone on the germination and Î±-amylase activity in lettuce seeds. Journal of Plant Physiology, 2005, 162, 1304-1307.	3.5	59
35	Isolation and Phytotoxicity of Terpenes from Tectona grandis. Journal of Chemical Ecology, 2010, 36, 396-404.	1.8	59
36	Potential allelopathic lupane triterpenes from bioactive fractions of melilotus messanensis*. Phytochemistry, 1994, 36, 1369-1379.	2.9	58

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37	Bioactive Carotanes fromTrichodermavirens. Journal of Natural Products, 2000, 63, 1197-1200.	3.0	58
38	Phytotoxicity of Cardoon (Cynara cardunculus) Allelochemicals on Standard Target Species and Weeds. Journal of Agricultural and Food Chemistry, 2014, 62, 6699-6706.	5.2	58
39	Application of Hanschâ€™s Model to Capsaicinoids and Capsinoids: A Study Using the Quantitative Structureâ^'Activity Relationship. A Novel Method for the Synthesis of Capsinoids. Journal of Agricultural and Food Chemistry, 2010, 58, 3342-3349.	5.2	57
40	Novel Bioactive Breviane Spiroditerpenoids fromPenicillium brevicompactumDierckx. Journal of Organic Chemistry, 2000, 65, 9039-9046.	3.2	56
41	Bioactive apocarotenoids from Tectona grandis. Phytochemistry, 2008, 69, 2708-2715.	2.9	55
42	Bioactive Steroids and Triterpenes from Melilotus messanensis and Their Allelopathic Potential. Journal of Chemical Ecology, 1997, 23, 1781-1803.	1.8	54
43	Heliespirone A. The first member of a novel family of bioactive sesquiterpenes. Tetrahedron Letters, 1998, 39, 427-430.	1.4	54
44	Evolution and current status of ecological phytochemistry. Phytochemistry, 2007, 68, 2917-2936.	2.9	54
45	Dehydrozaluzanin C: a potent plant growth regulator with potential use as a natural herbicide template. Phytochemistry, 2000, 54, 165-171.	2.9	53
46	Effect of the addition of cosolvent on the supercritical fluid extraction of bioactive compounds from Helianthus annuus L.. Journal of Supercritical Fluids, 2007, 41, 43-49.	3.2	53
47	Evidence for an Allelopathic Interaction Between Rye and Wild Oats. Journal of Agricultural and Food Chemistry, 2014, 62, 9450-9457.	5.2	52
48	Heliespirones B and C:â€‰ Two New Plant Heliespiranes with a Novel Spiro Heterocyclic Sesquiterpene Skeleton. Organic Letters, 2006, 8, 4513-4516.	4.6	51
49	The Use of Allelopathic Studies in the Search for Natural Herbicides. The Journal of Crop Improvement: Innovations in Practiceory and Research, 2001, 4, 237-255.	0.4	50
50	Sesquiterpenes from noncapitate glandular trichomes of Helianthus annuus. Phytochemistry, 1992, 31, 1541-1544.	2.9	47
51	Sesquiterpene Lactones with Potential Use as Natural Herbicide Models (I):â€‰ trans,trans-Germacranolides. Journal of Agricultural and Food Chemistry, 1999, 47, 4407-4414.	5.2	47
52	(+)-Brevione A. The first member of a novel family of bioactive spiroditerpenoids isolated from Penicillium brevicompactum Dierckx. Tetrahedron Letters, 2000, 41, 2683-2686.	1.4	47
53	Soy isoflavones and their relationship with microflora: beneficial effects on human health in equol producers. Phytochemistry Reviews, 2013, 12, 979-1000.	6.5	47
54	Phytotoxicity of alkaloids, coumarins and flavonoids isolated from 11 species belonging to the Rutaceae and Meliaceae families. Phytochemistry Letters, 2014, 8, 226-232.	1.2	46

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55	Trends in the Synthesis and Functionalization of Guaianolides. European Journal of Organic Chemistry, 2015, 2015, 2093-2110.	2.4	46
56	Synthesis of heliannane skeletons. Facile preparation of (Â±)-heliannuol D. Tetrahedron, 2003, 59, 1679-1683.	1.9	44
57	Phytotoxins from Tithonia diversifolia. Journal of Natural Products, 2015, 78, 1083-1092.	3.0	44
58	Flavonoids from Centaurea clementei. Journal of Natural Products, 1985, 48, 819-822.	3.0	43
59	Bioactive apocarotenoids annuionones F and G: structural revision of annuionones A, B and E. Phytochemistry, 2004, 65, 3057-3063.	2.9	42
60	Optimization of Benzoxazinones as Natural Herbicide Models by Lipophilicity Enhancement. Journal of Agricultural and Food Chemistry, 2006, 54, 9357-9365.	5.2	42
61	Title is missing!. Journal of Chemical Ecology, 2000, 26, 2173-2186.	1.8	41
62	Sesquiterpene Lactones with Potential Use as Natural Herbicide Models. 2. Guaianolidesâ€. Journal of Agricultural and Food Chemistry, 2000, 48, 5288-5296.	5.2	40
63	Sesquiterpene Lactones as Allelochemicals. Journal of Natural Products, 2006, 69, 795-800.	3.0	40
64	Supercritical fluid extraction of bioactive compounds from sunflower leaves with carbon dioxide and water on a pilot plant scale. Journal of Supercritical Fluids, 2008, 45, 37-42.	3.2	40
65	Allelopathy in the Search for Natural Herbicide Models. ACS Symposium Series, 1994, , 310-329.	0.5	39
66	Bioactive polar triterpenoids from Melilotus messanensis. Phytochemistry, 1998, 49, 709-717.	2.9	38
67	Allelopathic potential of menthofuran monoterpenes fromCalamintha ashei. Journal of Chemical Ecology, 1994, 20, 3345-3359.	1.8	37
68	Flavonoids from Pinus sylvestris needles and their variation in trees of different origin grown for nearly a century at the same area. Biochemical Systematics and Ecology, 2002, 30, 1011-1022.	1.3	37
69	Allelopathic agents from aquatic ecosystems: potential biopesticides models. Phytochemistry Reviews, 2007, 7, 155-178.	6.5	37
70	Phytotoxic steroidal saponins from Agave offoyana leaves. Phytochemistry, 2014, 105, 92-100.	2.9	37
71	Acylated apigenin glycosides from alfalfa (Medicago sativa L.) var. Artal. Phytochemistry, 2001, 57, 1223-1226.	2.9	36
72	Effects of Some Benzoxazinoids on in Vitro Growth ofCephalosporium gramineumand Other Fungi Pathogenic to Cereals and onCephalosporiumStripe of Winter Wheat. Journal of Agricultural and Food Chemistry, 2006, 54, 1036-1039.	5.2	36

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73	Exogenous strigolactones impact metabolic profiles and phosphate starvation signalling in roots. Plant, Cell and Environment, 2020, 43, 1655-1668.	5.7	35
74	Evaluation of various extraction techniques for obtaining bioactive extracts from pine seeds. Food and Bioproducts Processing, 2010, 88, 247-252.	3.6	34
75	Isolation of Bioactive Compounds from Sunflower Leaves (Helianthus annuusL.) Extracted with Supercritical Carbon Dioxide. Journal of Agricultural and Food Chemistry, 2015, 63, 6410-6421.	5.2	34
76	First European interlaboratory study of the analysis of benzoxazinone derivatives in plants by liquid chromatography. Journal of Chromatography A, 2004, 1047, 69-76.	3.7	33
77	Extraction of natural compounds with biological activity from sunflower leaves using supercritical carbon dioxide. Chemical Engineering Journal, 2009, 152, 301-306.	12.7	33
78	Bioactive steroidal saponins from Agave offoyana flowers. Phytochemistry, 2013, 95, 298-307.	2.9	33
79	Alkaloids with Activity against the Zika Virus Vector Aedes aegypti (L.)â€"Crinsarnine and Sarniensinol, Two New Crinine and Mesembrine Type Alkaloids Isolated from the South African Plant Nerine sarniensis. Molecules, 2016, 21, 1432.	3.8	32
80	The Specialized Roles in Carotenogenesis and Apocarotenogenesis of the Phytoene Synthase Gene Family in Saffron. Frontiers in Plant Science, 2019, 10, 249.	3.6	32
81	The extraction procedure improves the allelopathic activity of cardoon (Cynara cardunculus var.) Tj ETQq1 1 0.784314 rgBT /Overlock 1	5.2	32
82	Allelochemicals fromPilocarpus goudotianus leaves. Journal of Chemical Ecology, 1993, 19, 1371-1379.	1.8	31
83	Interactions of Bacillus mojavensis and Fusarium verticillioides with a Benzoxazolinone (BOA) and its Transformation Product, APO. Journal of Chemical Ecology, 2007, 33, 1885-1897.	1.8	31
84	Phytotoxic effect of bioactive compounds isolated from Myrcia tomentosa (Myrtaceae) leaves. Biochemical Systematics and Ecology, 2013, 46, 29-35.	1.3	31
85	SAR Studies of Sesquiterpene Lactones asOrobanche cumanaSeed Germination Stimulants. Journal of Agricultural and Food Chemistry, 2002, 50, 1911-1917.	5.2	30
86	Helikauranoside A, a New Bioactive Diterpene. Journal of Chemical Ecology, 2008, 34, 65-69.	1.8	30
87	Anthratectone and Naphthotectone, Two Quinones from Bioactive Extracts of Tectona grandis. Journal of Chemical Ecology, 2011, 37, 1341-1348.	1.8	30
88	Influence of Genotype and Harvest Time on the Cynara cardunculus L. Sesquiterpene Lactone Profile. Journal of Agricultural and Food Chemistry, 2019, 67, 6487-6496.	5.2	30
89	New Chemical Clues for Broomrape-Sunflower Hostâ"Parasite Interactions: Synthesis of Guaianestrigolactones. Journal of Agricultural and Food Chemistry, 2009, 57, 5853-5864.	5.2	29
90	Saponins and polar compounds from Trifolium resupinatum. Phytochemistry, 1999, 51, 1065-1067.	2.9	28

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91	Application of Hansch's Model to Guaianolide Ester Derivatives:â€‰Aâ€‰Quantitativeâ€‰Structureâ^'Activityâ€‰Relationship Study. Journal of Agricultural and Food Chemistry, 2005, 53, 3530-3539.	5.2	28
92	Structureâ^'Activity Relationship Studies of Benzoxazinones and Related Compounds. Phytotoxicity onEchinochloa crus-galli(L.) P. Beauv.. Journal of Agricultural and Food Chemistry, 2005, 53, 4373-4380.	5.2	28
93	Ecological phytochemistry of Cerrado (Brazilian savanna) plants. Phytochemistry Reviews, 2013, 12, 839-855.	6.5	28
94	Allelopathy of Bracken Fern (Pteridium arachnoideum): New Evidence from Green Fronds, Litter, and Soil. PLoS ONE, 2016, 11, e0161670.	2.5	28
95	Unusual C,O-Fused Glycosylapigenins from Serjania marginata Leaves. Journal of Natural Products, 2015, 78, 77-84.	3.0	27
96	New Herbicide Models from Benzoxazinones:Â Aromatic Ring Functionalization Effects. Journal of Agricultural and Food Chemistry, 2006, 54, 9843-9851.	5.2	26
97	Aloe barbadensis: how a miraculous plant becomes reality. Phytochemistry Reviews, 2013, 12, 581-602.	6.5	26
98	The Joint Action of Sesquiterpene Lactones from Leaves as an Explanation for the Activity of Cynara cardunculus. Journal of Agricultural and Food Chemistry, 2016, 64, 6416-6424.	5.2	26
99	Selective fractionation and isolation of allelopathic compounds from Helianthus annuus L. leaves by means of high-pressure techniques. Journal of Supercritical Fluids, 2019, 143, 32-41.	3.2	26
100	A new UHPLCâ€MS/MS method for the direct determination of strigolactones in root exudates and extracts. Phytochemical Analysis, 2019, 30, 110-116.	2.4	26
101	Bio-guided optimization of the ultrasound-assisted extraction of compounds from Annona glabra L. leaves using the etiolated wheat coleoptile bioassay. Ultrasonics Sonochemistry, 2014, 21, 1578-1584.	8.2	25
102	Ecological Relevance of the Major Allelochemicals in Lycopersicon esculentum Roots and Exudates. Journal of Agricultural and Food Chemistry, 2018, 66, 4638-4644.	5.2	25
103	Strigolactones: New players in the nitrogenâ€“phosphorus signalling interplay. Plant, Cell and Environment, 2022, 45, 512-527.	5.7	25
104	Natural and Synthetic Podolactones with Potential Use as Natural Herbicide Modelsâ€. Journal of Agricultural and Food Chemistry, 2000, 48, 3003-3007.	5.2	24
105	Antifungal Activity of a New Phenolic Compound from Capitulum of a Head Rot-resistant Sunflower Genotype. Journal of Chemical Ecology, 2007, 33, 2245-2253.	1.8	24
106	Synergy and Other Interactions between Polymethoxyflavones from Citrus Byproducts. Molecules, 2015, 20, 20079-20106.	3.8	24
107	Phytotoxicity evaluation of sesquiterpene lactones and diterpenes from species of the Decachaeta , Salvia and Podachaenium genera. Phytochemistry Letters, 2016, 18, 68-76.	1.2	24
108	Tectonoelins, new norlignans from a bioactive extract of Tectona grandis. Phytochemistry Letters, 2012, 5, 382-386.	1.2	23

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109	Phytotoxicity Study on Bidens sulphurea Sch. Bip. as a Preliminary Approach for Weed Control. Journal of Agricultural and Food Chemistry, 2017, 65, 5161-5172.	5.2	23
110	Complexation of sesquiterpene lactones with cyclodextrins: synthesis and effects on their activities on parasitic weeds. Organic and Biomolecular Chemistry, 2017, 15, 6500-6510.	2.8	23
111	Studies on the Stereostructure of Eudesmanolides from Umbelliferae: Total Synthesis of (+)-Decipienin A. Tetrahedron, 2000, 56, 3409-3414.	1.9	22
112	Absolute configuration of bioactive expansolides A and B from Aspergillus fumigatus Fresenius. Tetrahedron Letters, 2003, 44, 941-943.	1.4	21
113	Phthalimideâ€derived strigolactone mimics as germinating agents for seeds of parasitic weeds. Pest Management Science, 2016, 72, 2069-2081.	3.4	21
114	Terpene synthesis. 1. Chemical transformation of deacylsubexpinnatin into the natural oxetane lactone subexpinnatin C. Journal of Organic Chemistry, 1987, 52, 3323-3326.	3.2	20
115	First synthesis of two naturally occurring oxetane lactones: clementein and clementein b. Tetrahedron, 1993, 49, 2499-2508.	1.9	20
116	Characterization of the fraction components using 1D TOCSY and 1D ROESY experiments. Four new spirostane saponins fromAgave brittoniana Trel. spp.Brachypus. Magnetic Resonance in Chemistry, 2007, 45, 615-620.	1.9	20
117	A stereoselective route towards heliannuol A. Tetrahedron, 2008, 64, 5502-5508.	1.9	20
118	Facile Preparation of Bioactive seco-Guaianolides and Guaianolides from Artemisia gorgonum and Evaluation of Their Phytotoxicity. Journal of Natural Products, 2012, 75, 1967-1973.	3.0	20
119	Integrifolin, a guaianolide from Andryala integrifolia. Phytochemistry, 1984, 23, 912-913.	2.9	19
120	Flavonoids from Artemisia lanata. Phytochemistry, 1986, 25, 1502-1504.	2.9	19
121	Sesquiterpenes from Rudbeckia grandiflora. Phytochemistry, 1988, 27, 2195-2198.	2.9	19
122	Allelochemicals from sunflowers: chemistry, bioactivity and applications. , 2002, , 73-87.		19
123	11,16 Oxetane lactones. Spectroscopic evidences and conformational analysis. Tetrahedron, 2006, 62, 7747-7755.	1.9	19
124	Influence of in vitro growth conditions in the production of defence compounds in Mentha pulegium L.. Phytochemistry Letters, 2014, 8, 233-244.	1.2	19
125	Influence of lipophilicity in Oâ€acyl and Oâ€alkyl derivatives of juglone and lawsone: a structureâ€“activity relationship study in the search for natural herbicide models. Pest Management Science, 2018, 74, 682-694.	3.4	19
126	Study of photochemical addition of acyl radical to electron-deficient olefins. Tetrahedron, 1992, 48, 3345-3352.	1.9	18

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127	Enantiospecific syntheses of the potent bioactives nagilactone F and the mould metabolite LL-Z1271Î± an evaluation of their allelopathic potential. Tetrahedron, 1999, 55, 7289-7304.	1.9	18
128	Synthesis of melampolides and cis,cis-germacranolides as natural herbicide models. Tetrahedron, 2004, 60, 8477-8488.	1.9	18
129	Effect of the pre-treatment of the samples on the natural substances extraction from L. using supercritical carbon dioxide. Talanta, 2005, 67, 175-181.	5.5	18
130	Synthesis of the western half of breviones C, D, F and G. Tetrahedron, 2010, 66, 4125-4132.	1.9	18
131	Combined Strategy for Phytotoxicity Enhancement of Benzoxazinones. Journal of Agricultural and Food Chemistry, 2010, 58, 2047-2053.	5.2	18
132	Effect of flavonoids isolated from Tridax procumbens on the growth and toxin production of Microcystis aeruginos. Aquatic Toxicology, 2019, 211, 81-91.	4.0	18
133	â€œAn efficient and mild entry to 1,4-dicarbonyl compounds via photochemical addition of acyl radical to electron-deficient olefinsâ€• Tetrahedron Letters, 1990, 31, 3063-3066.	1.4	17
134	Sesquiterpene lactones and lignanes from Rudbeckia species. Phytochemistry, 1990, 29, 561-565.	2.9	17
135	Studies on the stereostructure of eudesmanolides from Umbelliferae: synthesis of 11Î²-angeloyloxy-Î±-santonin. Tetrahedron, 1994, 50, 5439-5450.	1.9	17
136	First total synthesis of (Â±)-helibisabonol A. Tetrahedron Letters, 2002, 43, 6417-6420.	1.4	17
137	Synthesis and structural revision of annuionone A. Tetrahedron Letters, 2003, 44, 7023-7025.	1.4	17
138	Possible Mechanism of Inhibition of 6-Methoxy-Benzoxazolin-2(3H)-One on Germination of Cress (Lepidium sativum L.). Journal of Chemical Ecology, 2006, 32, 1101-1109.	1.8	17
139	Inhibition of germination and Î±-amylase induction by 6-methoxy-2-benzoxazolinone in twelve plant species. Biologia Plantarum, 2008, 52, 351-354.	1.9	17
140	Current research in biotechnology: Exploring the biotech forefront. Current Research in Biotechnology, 2019, 1, 34-40.	3.7	17
141	Bioassay-Guided Isolation of Fungistatic Compounds from Mimosa caesalpiniifolia Leaves. Journal of Natural Products, 2019, 82, 1496-1502.	3.0	17
142	A Study on the Phytotoxic Potential of the Seasoning Herb Marjoram (Origanum majorana L.) Leaves. Molecules, 2021, 26, 3356.	3.8	17
143	Guaianolides from Centaurea canariensis. Phytochemistry, 1985, 24, 2107-2109.	2.9	16
144	Structureâ€“activity relationship of benzoxazinones and related compounds with respect to the growth inhibition and Î±-amylase activity in cress seedlings. Journal of Plant Physiology, 2010, 167, 1221-1225.	3.5	16

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145	Easy Access to Alkoxy, Amino, Carbamoyl, Hydroxy, and Thiol Derivatives of Sesquiterpene Lactones and Evaluation of Their Bioactivity on Parasitic Weeds. Journal of Agricultural and Food Chemistry, 2019, 67, 10764-10773.	5.2	16
146	Effect of Shading on the Sesquiterpene Lactone Content and Phytotoxicity of Cultivated Cardoon Leaf Extracts. Journal of Agricultural and Food Chemistry, 2020, 68, 11946-11953.	5.2	16
147	Structural determination of clementein, a new guaianolide isolated from Centaurea clementei. Tetrahedron Letters, 1983, 24, 1641-1642.	1.4	15
148	13C NMR of coumarins. IIâ€"Khellactones: Spectroscopic criteria to establish the relative configuration of the dihydropyran ring. Magnetic Resonance in Chemistry, 1989, 27, 653-658.	1.9	15
149	13 C NMR of coumarins. IIIâ€"Simple coumarins. Magnetic Resonance in Chemistry, 1989, 27, 892-894.	1.9	15
150	Melampolides from Lecocarpus pinnatifidus. Phytochemistry, 1992, 31, 2747-2754.	2.9	15
151	Developing new herbicide models from allelochemicals. Pest Management Science, 1999, 55, 662-665.	0.4	15
152	Soil biodegradation of a benzoxazinone analog proposed as a natural products-based herbicide. Plant and Soil, 2015, 393, 207-214.	3.7	15
153	An Overview of the Chemical Characteristics, Bioactivity and Achievements Regarding the Therapeutic Usage of Acetogenins from Annona cherimola Mill.. Molecules, 2021, 26, 2926.	3.8	15
154	Triterpenoids from Melilotus messanensis; soyasapogenol G, the first natural carbonate derivative. Phytochemistry, 1996, 41, 1573-1577.	2.9	14
155	Potential allelopathic of the fractions obtained from sunflower leaves using supercritical carbon dioxide. Journal of Supercritical Fluids, 2011, 60, 28-37.	3.2	14
156	Guaianolides for Multipurpose Molecular Design. ACS Symposium Series, 2013, , 167-188.	0.5	14
157	Preparation and phytotoxicity study of lappalone from dehydrocostuslactone. Phytochemistry Letters, 2017, 20, 66-72.	1.2	14
158	Resistance modulatory and efflux-inhibitory activities of capsaicinoids and capsinoids. Bioorganic Chemistry, 2019, 82, 378-384.	4.1	14
159	One-Step Encapsulation of ortho-Disulfides in Functionalized Zinc MOF. Enabling Metalâ€"Organic Frameworks in Agriculture. ACS Applied Materials & Interfaces, 2021, 13, 7997-8005.	8.0	14
160	Structure, Bioactivity and Analytical Methods for the Determination of Yucca Saponins. Molecules, 2021, 26, 5251.	3.8	14
161	Strategies for the synthesis of canonical, non-canonical and analogues of strigolactones, and evaluation of their parasitic weed germination activity. Phytochemistry Reviews, 2022, 21, 1627-1659.	6.5	14
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