

Francisco A. MacÃ- as

List of Publications by Year in descending order

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257
papers

9,894
citations

44069

48
h-index

53230

85
g-index

269
all docs

269
docs citations

269
times ranked

7655
citing authors

#	ARTICLE	IF	CITATIONS
1	Strigolactones: New players in the nitrogen–phosphorus signalling interplay. <i>Plant, Cell and Environment</i> , 2022, 45, 512-527.	5.7	25
2	Strategies for the synthesis of canonical, non-canonical and analogues of strigolactones, and evaluation of their parasitic weed germination activity. <i>Phytochemistry Reviews</i> , 2022, 21, 1627-1659.	6.5	14
3	Encapsulation of Cynara Cardunculus Guaiane-type Lactones in Fully Organic Nanotubes Enhances Their Phytotoxic Properties. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 3644-3653.	5.2	7
4	Evaluation of the phytotoxic and antifungal activity of C_{17} sesquiterpenoids as potential biopesticides. <i>Pest Management Science</i> , 2022, 78, 4240-4251.	3.4	2
5	Features in the NMR spectra of the aglycones of Agave spp. saponins. HMBC method for aglycone identification (HMAI). <i>Phytochemical Analysis</i> , 2021, 32, 38-61.	2.4	7
6	Acyl Derivatives of Eudesmanolides To Boost their Bioactivity: An Explanation of Behavior in the Cell Membrane Using a Molecular Dynamics Approach. <i>ChemMedChem</i> , 2021, 16, 1297-1307.	3.2	7
7	Sesquiterpenes in Fresh Food. , 2021, , 477-542.		3
8	Are phytotoxic effects of. <i>Australian Journal of Botany</i> , 2021, 69, 174-183.	0.6	5
9	Sesquiterpenes in Cereals and Spices. , 2021, , 543-605.		0
10	One-Step Encapsulation of <i>ortho</i> -Disulfides in Functionalized Zinc MOF. Enabling Metal–Organic Frameworks in Agriculture. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 7997-8005.	8.0	14
11	Absorption and Elimination of the Allelochemical MBOA by Weeds during Seedling Growth. <i>Agronomy</i> , 2021, 11, 471.	3.0	4
12	Sunflower Metabolites Involved in Resistance Mechanisms against Broomrape. <i>Agronomy</i> , 2021, 11, 501.	3.0	6
13	An Overview of the Chemical Characteristics, Bioactivity and Achievements Regarding the Therapeutic Usage of Acetogenins from <i>Annona cherimola</i> Mill.. <i>Molecules</i> , 2021, 26, 2926.	3.8	15
14	Pharmacological Activities of Aminophenoxazinones. <i>Molecules</i> , 2021, 26, 3453.	3.8	8
15	A Study on the Phytotoxic Potential of the Seasoning Herb Marjoram (<i>Origanum majorana</i> L.) Leaves. <i>Molecules</i> , 2021, 26, 3356.	3.8	17
16	Search of New Tools for Weed Control Using <i>Piptocarpha rotundifolia</i> , a Dominant Species in the Cerrado. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 8684-8694.	5.2	2
17	Bioactive Diterpenes from the Brazilian Native Plant (<i>Moquiniastrium pulchrum</i>) and Their Application in Weed Control. <i>Molecules</i> , 2021, 26, 4632.	3.8	1
18	Structure, Bioactivity and Analytical Methods for the Determination of Yucca Saponins. <i>Molecules</i> , 2021, 26, 5251.	3.8	14

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19	Synthesis of Pertyolides A, B, and C: A Synthetic Procedure to C17-Sesquiterpenoids and a Study of Their Phytotoxic Activity. <i>Journal of Natural Products</i> , 2021, 84, 2295-2302.	3.0	6
20	Natural products in drug discovery: advances and opportunities. <i>Nature Reviews Drug Discovery</i> , 2021, 20, 200-216.	46.4	1,990
21	Dereplication of Bioactive Spirostane Saponins from <i>Agave macroacantha</i> . <i>Journal of Natural Products</i> , 2021, 84, 2904-2913.	3.0	2
22	Allelopathic Activity of Strigolactones on the Germination of Parasitic Plants and Arbuscular Mycorrhizal Fungi Growth. <i>Agronomy</i> , 2021, 11, 2174.	3.0	11
23	<i>Agave</i> Steroidal Saponins as Potential Bioherbicides. <i>Agronomy</i> , 2021, 11, 2404.	3.0	5
24	Phytochemical Study of Safflower Roots (<i>Carthamus tinctorius</i>) on the Induction of Parasitic Plant Germination and Weed Control. <i>Journal of Chemical Ecology</i> , 2020, 46, 871-880.	1.8	13
25	Bioherbicide Potential of <i>Eucalyptus saligna</i> Leaf Litter Essential Oil. <i>Chemistry and Biodiversity</i> , 2020, 17, e2000407.	2.1	10
26	Synthesis of Active Strigolactone Analogues Based on Eudesmane- and Guaiane-Type Sesquiterpene Lactones. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 9636-9645.	5.2	13
27	Effect of Shading on the Sesquiterpene Lactone Content and Phytotoxicity of Cultivated Cardoon Leaf Extracts. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 11946-11953.	5.2	16
28	Bio-Guided Isolation of Acetogenins from <i>Annona cherimola</i> Deciduous Leaves: Production of Nanocarriers to Boost the Bioavailability Properties. <i>Molecules</i> , 2020, 25, 4861.	3.8	11
29	Synthesis of Vlasouliolides: A Pathway toward Guaiane-Eudesmane C ₁₇ /C ₁₅ Dimers by Photochemical and Michael Additions. <i>Journal of Organic Chemistry</i> , 2020, 85, 7322-7332.	3.2	4
30	Exogenous strigolactones impact metabolic profiles and phosphate starvation signalling in roots. <i>Plant, Cell and Environment</i> , 2020, 43, 1655-1668.	5.7	35
31	Toxicity and Anti-promastigote Activity of Benzoxazinoid Analogs Against <i>Leishmania (Viannia) braziliensis</i> and <i>Leishmania (Leishmania) infantum</i> . <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 119-124.	1.4	1
32	Evaluation of the Phytotoxicity of <i>Urochloa humidicola</i> Roots by Bioassays and Microscopic Analysis. Characterization of New Compounds. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 4851-4864.	5.2	5
33	Allelopathy: The Chemical Language of Plants. <i>Progress in the Chemistry of Organic Natural Products</i> , 2020, 112, 1-84.	1.1	10
34	Sesquiterpenes in Cereals and Spices. , 2020, , 1-63.		2
35	Quantification of Strigolactones. <i>Methods in Molecular Biology</i> , 2020, 2083, 199-208.	0.9	1
36	Sesquiterpenes in Fresh Food. , 2020, , 1-66.		1

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37	Selective fractionation and isolation of allelopathic compounds from <i>Helianthus annuus</i> L. leaves by means of high-pressure techniques. <i>Journal of Supercritical Fluids</i> , 2019, 143, 32-41.	3.2	26
38	In Situ Eco Encapsulation of Bioactive Agrochemicals within Fully Organic Nanotubes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 41925-41934.	8.0	13
39	Preparation and Phytotoxicity Evaluation of 11,13-Dehydro <i>seco</i> -Guaianolides. <i>Journal of Natural Products</i> , 2019, 82, 2501-2508.	3.0	4
40	Easy Access to Alkoxy, Amino, Carbamoyl, Hydroxy, and Thiol Derivatives of Sesquiterpene Lactones and Evaluation of Their Bioactivity on Parasitic Weeds. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 10764-10773.	5.2	16
41	Current research in biotechnology: Exploring the biotech forefront. <i>Current Research in Biotechnology</i> , 2019, 1, 34-40.	3.7	17
42	Recent advances in allelopathy for weed control: from knowledge to applications. <i>Pest Management Science</i> , 2019, 75, 2413-2436.	3.4	168
43	Phytotoxicity Study of Ortho-Disubstituted Disulfides and Their Acyl Derivatives. <i>ACS Omega</i> , 2019, 4, 2362-2368.	3.5	13
44	Bioassay-Guided Isolation of Fungistatic Compounds from <i>Mimosa caesalpinifolia</i> Leaves. <i>Journal of Natural Products</i> , 2019, 82, 1496-1502.	3.0	17
45	Influence of Genotype and Harvest Time on the <i>Cynara cardunculus</i> L. Sesquiterpene Lactone Profile. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 6487-6496.	5.2	30
46	Facile synthesis of anhydrojudaicin and 11,13-dehydroanhydrojudaicin, two eudesmanolide-skeleton lactones with potential allelopathic activity. <i>Phytochemistry Letters</i> , 2019, 31, 229-236.	1.2	11
47	The Specialized Roles in Carotenogenesis and Apocarotenogenesis of the Phytoene Synthase Gene Family in Saffron. <i>Frontiers in Plant Science</i> , 2019, 10, 249.	3.6	32
48	Structure-activity relationship studies on naphthoquinone analogs. The search for new herbicides based on natural products. <i>Pest Management Science</i> , 2019, 75, 2517-2529.	3.4	11
49	Effect of flavonoids isolated from <i>Tridax procumbens</i> on the growth and toxin production of <i>Microcystis aeruginosa</i> . <i>Aquatic Toxicology</i> , 2019, 211, 81-91.	4.0	18
50	Hydrolysable Tannins and Biological Activities of <i>Meriania hernandoi</i> and <i>Meriania nobilis</i> (Melastomataceae). <i>Molecules</i> , 2019, 24, 746.	3.8	7
51	Resistance modulatory and efflux-inhibitory activities of capsaicinoids and capsinoids. <i>Bioorganic Chemistry</i> , 2019, 82, 378-384.	4.1	14
52	The extraction procedure improves the allelopathic activity of cardoon (<i>Cynara cardunculus</i> var.) Tj ETQq0 0 0 rgBT/Overlock, 10 Tf 50 1	5.2	32
53	Synthesis and antimicrobial activity of some benzoxazinoids derivatives of 2-nitrophenol and 3-hydroxy-2-nitropyridine. <i>Synthetic Communications</i> , 2019, 49, 286-296.	2.1	8
54	Provitamin supramolecular polymer micelle with pH responsiveness to control release, bioavailability enhancement and potentiation of cytotoxic efficacy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 85-93.	5.0	13

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55	A new UHPLC-MS/MS method for the direct determination of strigolactones in root exudates and extracts. <i>Phytochemical Analysis</i> , 2019, 30, 110-116.	2.4	26
56	Ecological Relevance of the Major Allelochemicals in <i>Lycopersicon esculentum</i> Roots and Exudates. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 4638-4644.	5.2	25
57	A Novel Electron Microscopic Characterization of Core/Shell Nanobiostimulator Against Parasitic Plants. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 2354-2359.	8.0	12
58	Synthesis of (±)-3,4-dimethoxybenzyl-4-methyloctanoate as a novel internal standard for capsinoid determination by HPLC-ESI-MS/MS(QTOF). <i>Open Chemistry</i> , 2018, 16, 87-94.	1.9	2
59	Qualitative Study on the Production of the Allelochemicals Benzoxazinones by Inducing Polyploidy in Gramineae with Colchicine. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3666-3674.	5.2	4
60	Influence of lipophilicity in <i>o</i> -acyl and <i>o</i> -alkyl derivatives of juglone and lawsone: a structure-activity relationship study in the search for natural herbicide models. <i>Pest Management Science</i> , 2018, 74, 682-694.	3.4	19
61	(+)- <i>epi</i> -Epoformin, a Phytotoxic Fungal Cyclohexenepoxide: Structure Activity Relationships. <i>Molecules</i> , 2018, 23, 1529.	3.8	13
62	The joint action in the bioactivity studies of Antarctic lichen <i>Umbilicaria antarctica</i> : Synergic-biodirected isolation in a preliminary holistic ecological study. <i>Phytochemistry Letters</i> , 2017, 20, 433-442.	1.2	10
63	Phytotoxic studies of naphthoquinone intermediates from the synthesis of the natural product Naphthotectone. <i>Research on Chemical Intermediates</i> , 2017, 43, 4387-4400.	2.7	8
64	Preparation and phytotoxicity study of lappalone from dehydrocostuslactone. <i>Phytochemistry Letters</i> , 2017, 20, 66-72.	1.2	14
65	Phytotoxicity Study on <i>Bidens sulphurea</i> Sch. Bip. as a Preliminary Approach for Weed Control. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 5161-5172.	5.2	23
66	<i>Alibertia edulis</i> (L.C. Rich.) A.C. Rich "A potent diuretic arising from Brazilian indigenous species. <i>Journal of Ethnopharmacology</i> , 2017, 196, 193-200.	4.1	12
67	Complexation of sesquiterpene lactones with cyclodextrins: synthesis and effects on their activities on parasitic weeds. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6500-6510.	2.8	23
68	Bioactivity and quantitative analysis of isohexenylnaphthazarins in root periderm of two <i>Echium</i> spp.: <i>E. plantagineum</i> and <i>E. agaditanum</i> . <i>Phytochemistry</i> , 2017, 141, 162-170.	2.9	13
69	Gibberellic and kaurenoic hybrid strigolactone mimics for seed germination of parasitic weeds. <i>Pest Management Science</i> , 2017, 73, 2529-2537.	3.4	12
70	Chemical evidence for the effect of <i>Urochloa ruziziensis</i> on glyphosate-resistant soybeans. <i>Pest Management Science</i> , 2017, 73, 2071-2078.	3.4	13
71	Allelopathy of Bracken Fern (<i>Pteridium arachnoideum</i>): New Evidence from Green Fronds, Litter, and Soil. <i>PLoS ONE</i> , 2016, 11, e0161670.	2.5	28
72	Alkaloids with Activity against the Zika Virus Vector <i>Aedes aegypti</i> (L.) "Crinsarnine and Sarniensinol, Two New Crinine and Mesembrine Type Alkaloids Isolated from the South African Plant <i>Nerine sarniensis</i> . <i>Molecules</i> , 2016, 21, 1432.	3.8	32

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73	Phthalimide-derived strigolactone mimics as germinating agents for seeds of parasitic weeds. <i>Pest Management Science</i> , 2016, 72, 2069-2081.	3.4	21
74	Enantioselective Total Syntheses of (R)- and (S)-Naphthotectone, and Stereochemical Assignment of the Natural Product. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 1599-1605.	2.4	5
75	Synthesis, antibacterial and antifungal activities of naphthoquinone derivatives: a structure-activity relationship study. <i>Medicinal Chemistry Research</i> , 2016, 25, 1274-1285.	2.4	72
76	Evaluation of the Allelopathic Potential of Leaf, Stem, and Root Extracts of <i>Ocotea pulchella</i> Nees et Mart. <i>Chemistry and Biodiversity</i> , 2016, 13, 1058-1067.	2.1	10
77	The Joint Action of Sesquiterpene Lactones from Leaves as an Explanation for the Activity of <i>Cynara cardunculus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 6416-6424.	5.2	26
78	Phytotoxicity evaluation of sesquiterpene lactones and diterpenes from species of the Decachaeta, <i>Salvia</i> and <i>Podachaenium</i> genera. <i>Phytochemistry Letters</i> , 2016, 18, 68-76.	1.2	24
79	Steroidal Saponins from <i>Furcraea hexapetala</i> Leaves and Their Phytotoxic Activity. <i>Journal of Natural Products</i> , 2016, 79, 2903-2911.	3.0	11
80	Structure-activity relationship studies of the phytotoxic properties of the diterpenic moiety of breviones. <i>Pest Management Science</i> , 2015, 71, 701-711.	3.4	5
81	Synergy and Other Interactions between Polymethoxyflavones from Citrus Byproducts. <i>Molecules</i> , 2015, 20, 20079-20106.	3.8	24
82	Phytotoxicity of Triterpenes and Limonoids from the Rutaceae and Meliaceae. 5 β ,6 β ,8 β ,12 β -Tetrahydro-28-norisotoonafolin - a Potent Phytotoxin from <i>Toona ciliata</i> . <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.5	5
83	Isolation of Bioactive Compounds from Sunflower Leaves (<i>Helianthus annuus</i> L.) Extracted with Supercritical Carbon Dioxide. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 6410-6421.	5.2	34
84	Triterpenoid saponins from the aerial parts of <i>Trifolium argutum</i> Sol. and their phytotoxic evaluation. <i>Phytochemistry Letters</i> , 2015, 13, 165-170.	1.2	11
85	Soil biodegradation of a benzoxazinone analog proposed as a natural products-based herbicide. <i>Plant and Soil</i> , 2015, 393, 207-214.	3.7	15
86	Phytotoxins from <i>Tithonia diversifolia</i> . <i>Journal of Natural Products</i> , 2015, 78, 1083-1092.	3.0	44
87	Trends in the Synthesis and Functionalization of Guaianolides. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 2093-2110.	2.4	46
88	Helikaurolicides with a Diterpene-Sesquiterpene Skeleton from Supercritical Fluid Extracts of <i>Helianthus annuus</i> L. var. <i>Arianna</i> . <i>Organic Letters</i> , 2015, 17, 4730-4733.	4.6	12
89	Unusual C,O-Fused Glycosylapigenins from <i>Serjania marginata</i> Leaves. <i>Journal of Natural Products</i> , 2015, 78, 77-84.	3.0	27
90	Phytotoxic Potential of <i>Onopordum acanthium</i> L. (Asteraceae). <i>Chemistry and Biodiversity</i> , 2014, 11, 1247-1255.	2.1	12

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91	Bio-guided optimization of the ultrasound-assisted extraction of compounds from <i>Annona glabra</i> L. leaves using the etiolated wheat coleoptile bioassay. <i>Ultrasonics Sonochemistry</i> , 2014, 21, 1578-1584.	8.2	25
92	Special section: Biocom 12. <i>Phytochemistry Letters</i> , 2014, 8, 156-157.	1.2	0
93	Phytotoxicity of alkaloids, coumarins and flavonoids isolated from 11 species belonging to the Rutaceae and Meliaceae families. <i>Phytochemistry Letters</i> , 2014, 8, 226-232.	1.2	46
94	Brevianes Revisited. <i>Chemical Reviews</i> , 2014, 114, 2717-2732.	47.7	12
95	Operation Allelopathy: An Experiment Investigating an Alternative to Synthetic Agrochemicals. <i>Journal of Chemical Education</i> , 2014, 91, 570-574.	2.3	5
96	Evidence for an Allelopathic Interaction Between Rye and Wild Oats. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 9450-9457.	5.2	52
97	Synthesis of Bioactive Speciosins G and P from <i>Hexagonia speciosa</i> . <i>Journal of Natural Products</i> , 2014, 77, 2029-2036.	3.0	9
98	Phytotoxicity of Cardoon (<i>Cynara cardunculus</i>) Allelochemicals on Standard Target Species and Weeds. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 6699-6706.	5.2	58
99	Phytotoxic steroidal saponins from <i>Agave offoyana</i> leaves. <i>Phytochemistry</i> , 2014, 105, 92-100.	2.9	37
100	Influence of in vitro growth conditions in the production of defence compounds in <i>Mentha pulegium</i> L.. <i>Phytochemistry Letters</i> , 2014, 8, 233-244.	1.2	19
101	Benzoxazinoids in Rye Allelopathy - From Discovery to Application in Sustainable Weed Control and Organic Farming. <i>Journal of Chemical Ecology</i> , 2013, 39, 154-174.	1.8	154
102	Practical First Total Synthesis of the Potent Phytotoxic (±)-Naphthotectone, Isolated from <i>Tectona grandis</i> . <i>European Journal of Organic Chemistry</i> , 2013, 2013, 6175-6180.	2.4	13
103	Allelopathic Potential of <i>Rapanea umbellata</i> Leaf Extracts. <i>Chemistry and Biodiversity</i> , 2013, 10, 1539-1548.	2.1	7
104	Ecological phytochemistry of Cerrado (Brazilian savanna) plants. <i>Phytochemistry Reviews</i> , 2013, 12, 839-855.	6.5	28
105	Triterpene Saponins from the Aerial Parts of <i>Trifolium medium</i> L. var. <i>sarosiense</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 9789-9796.	5.2	10
106	<i>Aloe barbadensis</i> : how a miraculous plant becomes reality. <i>Phytochemistry Reviews</i> , 2013, 12, 581-602.	6.5	26
107	Bioactive steroidal saponins from <i>Agave offoyana</i> flowers. <i>Phytochemistry</i> , 2013, 95, 298-307.	2.9	33
108	Guaianolides for Multipurpose Molecular Design. <i>ACS Symposium Series</i> , 2013, , 167-188.	0.5	14

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109	Phytotoxic effect of bioactive compounds isolated from <i>Myrcia tomentosa</i> (Myrtaceae) leaves. <i>Biochemical Systematics and Ecology</i> , 2013, 46, 29-35.	1.3	31
110	Allelopathic properties of the fractions obtained from sunflower leaves using supercritical carbon dioxide: The effect of co-solvent addition. <i>Journal of Supercritical Fluids</i> , 2013, 82, 221-229.	3.2	4
111	Isolation and Structural Determination of Triterpenoid Glycosides from the Aerial Parts of Alsike Clover (<i>Trifolium hybridum</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 2631-2637.	5.2	13
112	Soy isoflavones and their relationship with microflora: beneficial effects on human health in equol producers. <i>Phytochemistry Reviews</i> , 2013, 12, 979-1000.	6.5	47
113	Preface: special issue Biocom12. <i>Phytochemistry Reviews</i> , 2013, 12, 579-580.	6.5	0
114	Facile Preparation of Bioactive <i>seco</i> -Guaianolides and Guaianolides from <i>Artemisia gorgonum</i> and Evaluation of Their Phytotoxicity. <i>Journal of Natural Products</i> , 2012, 75, 1967-1973.	3.0	20
115	SAR studies of epoxycurcuphenol derivatives on leukemia CT-CD4 cells. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 6662-6668.	3.0	2
116	Synthesis and phytotoxicity of 4,5 functionalized tetrahydrofuran-2-ones. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 2266-2270.	0.6	10
117	Tectonoelins, new norlignans from a bioactive extract of <i>Tectona grandis</i> . <i>Phytochemistry Letters</i> , 2012, 5, 382-386.	1.2	23
118	Variation Endogenous and Exogenous of Allelochemical 2,4-dihydroxy-7-methoxy-1,4-benzoxazin-3,4-diol (DIMBOA) in Root Architecture of Maize (<i>Zea mays</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 1000-1007.	1.0	0
119	Identification of Major Compounds Extracted by Supercritical Fluids from <i>Helianthus annuus</i> L. Leaves. <i>Solvent Extraction Research and Development</i> , 2011, 18, 55-68.	0.4	3
120	Potential allelopathic of the fractions obtained from sunflower leaves using supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2011, 60, 28-37.	3.2	14
121	Anthractone and Naphthotectone, Two Quinones from Bioactive Extracts of <i>Tectona grandis</i> . <i>Journal of Chemical Ecology</i> , 2011, 37, 1341-1348.	1.8	30
122	Biotransformation of ethyl 2-(2-nitrophenoxy)acetate to benzohydroxamic acid (D-DIBOA) by <i>Escherichia coli</i> . <i>Process Biochemistry</i> , 2011, 46, 358-364.	3.7	7
123	Synthesis of the western half of breviones C, D, F and G. <i>Tetrahedron</i> , 2010, 66, 4125-4132.	1.9	18
124	Isolation and Phytotoxicity of Terpenes from <i>Tectona grandis</i> . <i>Journal of Chemical Ecology</i> , 2010, 36, 396-404.	1.8	59
125	Evaluation of various extraction techniques for obtaining bioactive extracts from pine seeds. <i>Food and Bioprocess Technology</i> , 2010, 88, 247-252.	3.6	34
126	Characterization of three saponins from a fraction using 1D DOSY as a solvent signal suppression tool. Agabrittonosides F. Furostane Saponins from <i>Agave brittoniana</i> Trel. spp. <i>Brachypus</i> . <i>Magnetic Resonance in Chemistry</i> , 2010, 48, 350-355.	1.9	5

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127	Multifunctionalised benzoxazinones in the systems <i>Oryza sativa</i> - <i>Echinochloa crus-galli</i> and <i>Triticum aestivum</i> - <i>Avena fatua</i> as natural-product-based herbicide leads. <i>Pest Management Science</i> , 2010, 66, 1137-1147.	3.4	4
128	Metabolites from <i>Withania aristata</i> with Potential Phytotoxic Activity. <i>Natural Product Communications</i> , 2010, 5, 1934578X1000500.	0.5	6
129	Constituents of <i>Calamintha ashei</i> : Effects on Florida Sandhill Species. <i>Natural Product Communications</i> , 2010, 5, 1934578X1000500.	0.5	2
130	Application of Hansch's Model to Capsaicinoids and Capsinoids: A Study Using the Quantitative Structure-Activity Relationship. A Novel Method for the Synthesis of Capsinoids. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 3342-3349.	5.2	57
131	Combined Strategy for Phytotoxicity Enhancement of Benzoxazinones. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 2047-2053.	5.2	18
132	Aneugenic effects of benzoxazinones in cultured human cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010, 695, 81-86.	1.7	10
133	Structure-activity relationship of benzoxazinones and related compounds with respect to the growth inhibition and α -amylase activity in cress seedlings. <i>Journal of Plant Physiology</i> , 2010, 167, 1221-1225.	3.5	16
134	Metabolites from <i>Withania aristata</i> with potential phytotoxic activity. <i>Natural Product Communications</i> , 2010, 5, 1043-7.	0.5	5
135	Exudados de la raiz y su relevancia actual en las interacciones alelopaticas. <i>Quimica Nova</i> , 2009, 32, 198-213.	0.3	8
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