

JosÃ© MarÃ­a GonzÃ¡lez Molinillo

List of Publications by Year in descending order

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150
papers

4,957
citations

76326

40
h-index

114465

63
g-index

161
all docs

161
docs citations

161
times ranked

3725
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Sesquiterpenes in Fresh Food. , 2021, , 477-542.		3
6	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
7	Absorption and Elimination of the Allelochemical MBOA by Weeds during Seedling Growth. <i>Agronomy</i> , 2021, 11, 471.	3.0	4
8	Sunflower Metabolites Involved in Resistance Mechanisms against Broomrape. <i>Agronomy</i> , 2021, 11, 501.	3.0	6
9	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
10	Pharmacological Activities of Aminophenoxazinones. <i>Molecules</i> , 2021, 26, 3453.	3.8	8
11	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
12	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
13	Bioactive Diterpenes from the Brazilian Native Plant (<i>Moquiniastrum pulchrum</i>) and Their Application in Weed Control. <i>Molecules</i> , 2021, 26, 4632.	3.8	1
14	Synthesis of Pertyolides A, B, and C: A Synthetic Procedure to C ₁₇ -Sesquiterpenoids and a Study of Their Phytotoxic Activity. <i>Journal of Natural Products</i> , 2021, 84, 2295-2302.	3.0	6
15	Allelopathic Activity of Strigolactones on the Germination of Parasitic Plants and Arbuscular Mycorrhizal Fungi Growth. <i>Agronomy</i> , 2021, 11, 2174.	3.0	11
16	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
17	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
18	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

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19	Study by NMR of Liquid-Phase Alkylation of Toluene with Hex-1-ene: Effect of Catalyst on Selectivity. <i>Petroleum Chemistry</i> , 2020, 60, 810-817.	1.4	1
20	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
21	Synthesis of Vlasouliolides: A Pathway toward Guaianeâ€Eudesmane C ₁₇ /C ₁₅ Dimers by Photochemical and Michael Additions. <i>Journal of Organic Chemistry</i> , 2020, 85, 7322-7332.	3.2	4
22	Selective Ring Opening of Ethylbenzene on Bifunctional Catalyst Ptâ€Ir over Hierarchical USY Zeolite. <i>Petroleum Chemistry</i> , 2020, 60, 104-112.	1.4	1
23	Allelopathic activity of <i>Thapsia garganica</i> L. leaves on lettuce and weeds, and identification of the active principles. <i>South African Journal of Botany</i> , 2020, 131, 188-194.	2.5	10
24	Toxicity and Anti-promastigote Activity of Benzoxazinoid Analogs Against <i>Leishmania</i> (<i>Viannia</i>) <i>braziliensis</i> and <i>Leishmania</i> (<i>Leishmania</i>) <i>infantum</i> . <i>Advanced Pharmaceutical Bulletin</i> , 2020, 10, 119-124.	1.4	1
25	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
26	Allelopathy: The Chemical Language of Plants. <i>Progress in the Chemistry of Organic Natural Products</i> , 2020, 112, 1-84.	1.1	10
27	Quantification of Strigolactones. <i>Methods in Molecular Biology</i> , 2020, 2083, 199-208.	0.9	1
28	Sesquiterpenes in Fresh Food. , 2020, , 1-66.		1
29	In Situ Eco Encapsulation of Bioactive Agrochemicals within Fully Organic Nanotubes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 41925-41934.	8.0	13
30	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
31	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
32	Recent advances in allelopathy for weed control: from knowledge to applications. <i>Pest Management Science</i> , 2019, 75, 2413-2436.	3.4	168
33	Phytotoxicity Study of Ortho-Disubstituted Disulfides and Their Acyl Derivatives. <i>ACS Omega</i> , 2019, 4, 2362-2368.	3.5	13
34	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
35	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
36	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

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37	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
38	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
39	Resistance modulatory and efflux-inhibitory activities of capsaicinoids and capsinoids. <i>Bioorganic Chemistry</i> , 2019, 82, 378-384.	4.1	14
40	The extraction procedure improves the allelopathic activity of cardoon (<i>Cynara cardunculus</i> var.) Tj ETQq0 0 0 rgBT/Overlock_10 Tf 50 6	5.2	32
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	Influence of lipophilicity in <i>alkyl</i> and <i>alkyl</i> 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
49	(+)- <i>epi</i> -Epoformin, a Phytotoxic Fungal Cyclohexenepoxide: Structure Activity Relationships. <i>Molecules</i> , 2018, 23, 1529.	3.8	13
50	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
51	Preparation and phytotoxicity study of lappalone from dehydrocostuslactone. <i>Phytochemistry Letters</i> , 2017, 20, 66-72.	1.2	14
52	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
53	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
54	Bioactivity and quantitative analysis of isohexenylnaphthazarins in root periderm of two <i>Echium</i> spp.: <i>E. plantagineum</i> and <i>E. gaditanum</i> . <i>Phytochemistry</i> , 2017, 141, 162-170.	2.9	13

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55	Gibberellic and kaurenoic hybrid strigolactone mimics for seed germination of parasitic weeds. <i>Pest Management Science</i> , 2017, 73, 2529-2537.	3.4	12
56	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
57	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
58	Phthalimide-derived strigolactone mimics as germinating agents for seeds of parasitic weeds. <i>Pest Management Science</i> , 2016, 72, 2069-2081.	3.4	21
59	Enantioselective Total Syntheses of <i>R</i> - and <i>S</i> -Naphthotectone, and Stereochemical Assignment of the Natural Product. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 1599-1605.	2.4	5
60	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
61	Evaluation of the Allelopathic Potential of Leaf, Stem, and Root Extracts of <i>Ocotea pulchella</i> <i>Nees et Mart.</i> <i>Chemistry and Biodiversity</i> , 2016, 13, 1058-1067.	2.1	10
62	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
63	Phytotoxicity evaluation of sesquiterpene lactones and diterpenes from species of the <i>Decachaeta</i> , <i>Salvia</i> and <i>Podachaenium</i> genera. <i>Phytochemistry Letters</i> , 2016, 18, 68-76.	1.2	24
64	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
65	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
66	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
67	Phytotoxins from <i>Tithonia diversifolia</i> . <i>Journal of Natural Products</i> , 2015, 78, 1083-1092.	3.0	44
68	Trends in the Synthesis and Functionalization of Guaianolides. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 2093-2110.	2.4	46
69	Helikaurolicides: D 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
70	Phytotoxic Potential of <i>Onopordum acanthium</i> L. (Asteraceae). <i>Chemistry and Biodiversity</i> , 2014, 11, 1247-1255.	2.1	12
71	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
72	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

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73	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
74	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
75	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
76	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
77	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
78	Allelopathic Potential of <i>Rapanea umbellata</i> Leaf Extracts. <i>Chemistry and Biodiversity</i> , 2013, 10, 1539-1548.	2.1	7
79	Ecological phytochemistry of Cerrado (Brazilian savanna) plants. <i>Phytochemistry Reviews</i> , 2013, 12, 839-855.	6.5	28
80	Guaianolides for Multipurpose Molecular Design. <i>ACS Symposium Series</i> , 2013, , 167-188.	0.5	14
81	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
82	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
83	Preface: special issue Biocom12. <i>Phytochemistry Reviews</i> , 2013, 12, 579-580.	6.5	0
84	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
85	SAR studies of epoxycurcuphenol derivatives on leukemia CT-CD4 cells. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 6662-6668.	3.0	2
86	Estudo fitoquímico de folhas de <i>Solanum lycocarpum</i> A. St.-Hil (Solanaceae) e sua aplicação na alelopatia. <i>Acta Botanica Brasílica</i> , 2012, 26, 607-618.	0.8	15
87	Tectonoelins, new norlignans from a bioactive extract of <i>Tectona grandis</i> . <i>Phytochemistry Letters</i> , 2012, 5, 382-386.	1.2	23
88	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
89	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
90	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

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91	Isolation and Phytotoxicity of Terpenes from <i>Tectona grandis</i> . <i>Journal of Chemical Ecology</i> , 2010, 36, 396-404.	1.8	59
92	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
93	Metabolites from <i>Withania aristata</i> with Potential Phytotoxic Activity. <i>Natural Product Communications</i> , 2010, 5, 1934578X1000500.	0.5	6
94	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
95	Combined Strategy for Phytotoxicity Enhancement of Benzoxazinones. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 2047-2053.	5.2	18
96	Aneugenic effects of benzoxazinones in cultured human cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010, 695, 81-86.	1.7	10
97	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
98	Metabolites from <i>Withania aristata</i> with potential phytotoxic activity. <i>Natural Product Communications</i> , 2010, 5, 1043-7.	0.5	5
99	Exudados de la raíz y su relevancia actual en las interacciones alelopáticas. <i>Química Nova</i> , 2009, 32, 198-213.	0.3	8
100	Aromatic functionalised benzoxazinones in the system <i>Oryza sativa</i> - <i>Echinochloa crus-galli</i> as biorational herbicide models. <i>Pest Management Science</i> , 2009, 65, 1104-1113.	3.4	9
101	Rediscovering the bioactivity and ecological role of 1,4-benzoxazinones. <i>Natural Product Reports</i> , 2009, 26, 478.	10.3	106
102	Sesquiterpenes as Immunosuppressants. <i>Transplantation</i> , 2009, 88, S24-S30.	1.0	4
103	Helikauranoside A, a New Bioactive Diterpene. <i>Journal of Chemical Ecology</i> , 2008, 34, 65-69.	1.8	30
104	Bioactive apocarotenoids from <i>Tectona grandis</i> . <i>Phytochemistry</i> , 2008, 69, 2708-2715.	2.9	55
105	A stereoselective route towards heliannuol A. <i>Tetrahedron</i> , 2008, 64, 5502-5508.	1.9	20
106	Modified Benzoxazinones in the System <i>Oryza sativa</i> - <i>Echinochloa crus-galli</i> : An Approach to the Development of Biorational Herbicide Models. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 9941-9948.	5.2	7
107	Allelopathy: a natural alternative for weed control. <i>Pest Management Science</i> , 2007, 63, 327-348.	3.4	354
108	Plant biocommunicators: their phytotoxicity, degradation studies and potential use as herbicide models. <i>Phytochemistry Reviews</i> , 2007, 7, 179-194.	6.5	62

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109	Sesquiterpene Lactones as Allelochemicals. <i>Journal of Natural Products</i> , 2006, 69, 795-800.	3.0	40
110	Heliespirones B and C: Two New Plant Heliespiranes with a Novel Spiro Heterocyclic Sesquiterpene Skeleton. <i>Organic Letters</i> , 2006, 8, 4513-4516.	4.6	51
111	Structure-Activity Relationship (SAR) Studies of Benzoxazinones, Their Degradation Products, and Analogues. Phytotoxicity on Problematic Weeds <i>Avena fatua</i> L. and <i>Lolium rigidum</i> Gaud.. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 1040-1048.	5.2	65
112	New Herbicide Models from Benzoxazinones: Aromatic Ring Functionalization Effects. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 9843-9851.	5.2	26
113	Bioactive steroids from <i>Oryza sativa</i> L.. <i>Steroids</i> , 2006, 71, 603-608.	1.8	65
114	11,16 Oxetane lactones. Spectroscopic evidences and conformational analysis. <i>Tetrahedron</i> , 2006, 62, 7747-7755.	1.9	19
115	Optimization of Benzoxazinones as Natural Herbicide Models by Lipophilicity Enhancement. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 9357-9365.	5.2	42
116	Isolation and Synthesis of Allelochemicals from Gramineae: Benzoxazinones and Related Compounds. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 991-1000.	5.2	76
117	Degradation Studies on Benzoxazinoids. Soil Degradation Dynamics of (2R)-2-O-β-D-Glucopyranosyl-4-hydroxy-(2H)-1,4-benzoxazin-3(4H)-one (DIBOA-Glc) and Its Degradation Products, Phytotoxic Allelochemicals from Gramineae. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 554-561.	5.2	92
118	Structure-Activity Relationship Studies of Benzoxazinones and Related Compounds. Phytotoxicity on <i>Echinochloa crus-galli</i> (L.) P. Beauv.. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 4373-4380.	5.2	28
119	Structure-Activity Relationships (SAR) Studies of Benzoxazinones, Their Degradation Products and Analogues. Phytotoxicity on Standard Target Species (STS). <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 538-548.	5.2	99
120	Helivypolide G. A novel dimeric bioactive sesquiterpene lactone. <i>Tetrahedron Letters</i> , 2004, 45, 6567-6570.	1.4	9
121	Bioactive apocarotenoids annuionones F and G: structural revision of annuionones A, B and E. <i>Phytochemistry</i> , 2004, 65, 3057-3063.	2.9	42
122	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. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 6402-6413.	5.2	125
123	Bioactive Lignans from a Cultivar of <i>Helianthus annuus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 6443-6447.	5.2	60
124	Synthesis of heliannane skeletons. Facile preparation of (±)-heliannuol D. <i>Tetrahedron</i> , 2003, 59, 1679-1683.	1.9	44
125	Allelopathy as a new strategy for sustainable ecosystems development. <i>Uchu Seibutsu Kagaku</i> , 2003, 17, 18-23.	0.3	62
126	Allelochemicals from sunflowers: chemistry, bioactivity and applications. , 2002, , 73-87.		19

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127	First total synthesis of (±)-helibisabonol A. <i>Tetrahedron Letters</i> , 2002, 43, 6417-6420.	1.4	17
128	Bioactive terpenoids from sunflower leaves cv. Peredovick®. <i>Phytochemistry</i> , 2002, 61, 687-692.	2.9	108
129	The Use of Allelopathic Studies in the Search for Natural Herbicides. <i>The Journal of Crop Improvement: Innovations in Practice and Research</i> , 2001, 4, 237-255.	0.4	50
130	Studies on the Stereostructure of Eudesmanolides from Umbelliferae: Total Synthesis of (+)-Decipienin A. <i>Tetrahedron</i> , 2000, 56, 3409-3414.	1.9	22
131	Dehydrozaluzanin C: a potent plant growth regulator with potential use as a natural herbicide template. <i>Phytochemistry</i> , 2000, 54, 165-171.	2.9	53
132	Title is missing!. <i>Journal of Chemical Ecology</i> , 2000, 26, 2173-2186.	1.8	41
133	Search for a Standard Phytotoxic Bioassay for Allelochemicals. Selection of Standard Target Species. <i>Journal of Agricultural and Food Chemistry</i> , 2000, 48, 2512-2521.	5.2	242
134	Allelochemicals from sunflower leaves cv. Peredovick. <i>Phytochemistry</i> , 1999, 52, 613-621.	2.9	80
135	Heliannol E. A novel bioactive sesquiterpene of the heliannane family. <i>Tetrahedron Letters</i> , 1999, 40, 4725-4728.	1.4	61
136	New Bioactive Plant Heliannuols from Cultivar Sunflower Leaves1. <i>Journal of Natural Products</i> , 1999, 62, 1636-1639.	3.0	76
137	Heliespirone A. The first member of a novel family of bioactive sesquiterpenes. <i>Tetrahedron Letters</i> , 1998, 39, 427-430.	1.4	54
138	Bioactive norsesquiterpenes from <i>Helianthus annuus</i> with potential allelopathic activity. <i>Phytochemistry</i> , 1998, 48, 631-636.	2.9	88
139	Bioactive flavonoids from <i>Helianthus annuus</i> cultivars. <i>Phytochemistry</i> , 1997, 45, 683-687.	2.9	63
140	Potential allelopathic sesquiterpene lactones from sunflower leaves. <i>Phytochemistry</i> , 1996, 43, 1205-1215.	2.9	78
141	Studies on the stereostructure of eudesmanolides from Umbelliferae: synthesis of 11 ^β -angeloyloxy- β -santonin. <i>Tetrahedron</i> , 1994, 50, 5439-5450.	1.9	17
142	Structural Elucidation and Chemistry of a Novel Family of Bioactive Sesquiterpenes: Heliannuols. <i>Journal of Organic Chemistry</i> , 1994, 59, 8261-8266.	3.2	148
143	Potential allelopathic guaianolides from cultivar sunflower leaves, var. SH-222. <i>Phytochemistry</i> , 1993, 34, 669-674.	2.9	71
144	First synthesis of two naturally occurring oxetane lactones: clementein and clementein b. <i>Tetrahedron</i> , 1993, 49, 2499-2508.	1.9	20

#	ARTICLE	IF	CITATIONS
145	Novel sesquiterpene from bioactive fractions of cultivar sunflowers. <i>Tetrahedron Letters</i> , 1993, 34, 1999-2002.	1.4	96
146	Melampolides and cis,cis-germacranolides from <i>Lecocarpus lecocarpoides</i> . <i>Phytochemistry</i> , 1992, 32, 127-131.	2.9	3
147	Study of photochemical addition of acyl radical to electron-deficient olefins. <i>Tetrahedron</i> , 1992, 48, 3345-3352.	1.9	18
148	“An efficient and mild entry to 1,4-dicarbonyl compounds via photochemical addition of acyl radical to electron-deficient olefins”. <i>Tetrahedron Letters</i> , 1990, 31, 3063-3066.	1.4	17
149	Terpene synthesis. 1. Chemical transformation of deacylsubexpinnatin into the natural oxetane lactone subexpinnatin C. <i>Journal of Organic Chemistry</i> , 1987, 52, 3323-3326.	3.2	20
150	Structure-activity relationship study of diterpenes for treatment of Alzheimer’s disease. <i>Quimica Nova</i> , 0, , .	0.3	1