JosÃ© MarÃ-a GonzÃ¡lez Molinillo

List of Publications by Year
in descending order

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	Allelopathyâ€"a natural alternative for weed control. Pest Management Science, 2007, 63, 327-348.	3.4	354
2	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
3	Recent advances in allelopathy for weed control: from knowledge to applications. Pest Management Science, 2019, 75, 2413-2436.	3.4	168
4	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
5	Structural Elucidation and Chemistry of a Novel Family of Bioactive Sesquiterpenes: Heliannuols. Journal of Organic Chemistry, 1994, 59, 8261-8266.	3.2	148
6	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
7	Bioactive terpenoids from sunflower leaves cv. PeredovickÂ®. Phytochemistry, 2002, 61, 687-692.	2.9	108
8	Rediscovering the bioactivity and ecological role of 1,4-benzoxazinones. Natural Product Reports, 2009, 26, 478.	10.3	106
9	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
10	Novel sesquiterpene from bioactive fractions of cultivar sunflowers. Tetrahedron Letters, 1993, 34, 1999-2002.	1.4	96
11	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
12	Bioactive norsesquiterpenes from Helianthus annuus with potential allelopathic activity. Phytochemistry, 1998, 48, 631-636.	2.9	88
13	Allelochemicals from sunflower leaves cv. Peredovick. Phytochemistry, 1999, 52, 613-621.	2.9	80
14	Potential allelopathic sesquiterpene lactones from sunflower leaves. Phytochemistry, 1996, 43, 1205-1215.	2.9	78
15	New Bioactive Plant Heliannuols from Cultivar Sunflower Leaves1. Journal of Natural Products, 1999, 62, 1636-1639.	3.0	76
16	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
17	Synthesis, antibacterial and antifungal activities of naphthoquinone derivatives: a structureâ€"activity relationship study. Medicinal Chemistry Research, 2016, 25, 1274-1285.	2.4	72
18	Potential allelopathic guaianolides from cultivar sunflower leaves, var. SH-222. Phytochemistry, 1993, 34, 669-674.	2.9	71

#	Article	IF	Citations
19	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
20	Bioactive steroids from Oryza sativa L.. Steroids, 2006, 71, 603-608.	1.8	65
21	Bioactive flavonoids from Helianthus annuus cultivars. Phytochemistry, 1997, 45, 683-687.	2.9	63
22	Allelopathy as a new strategy for sustainable ecosystems development. Uchu Seibutsu Kagaku, 2003, 17, 18-23.	0.3	62
23	Plant biocommunicators: their phytotoxicity, degradation studies and potential use as herbicide models. Phytochemistry Reviews, 2007, 7, 179-194.	6.5	62
24	Heliannuol E. A novel bioactive sesquiterpene of the heliannane family. Tetrahedron Letters, 1999, 40, 4725-4728.	1.4	61
25	Bioactive Lignans from a Cultivar ofHelianthus annuus. Journal of Agricultural and Food Chemistry, 2004, 52, 6443-6447.	5.2	60
26	Isolation and Phytotoxicity of Terpenes from Tectona grandis. Journal of Chemical Ecology, 2010, 36, 396-404.	1.8	59
27	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
28	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
29	Bioactive apocarotenoids from Tectona grandis. Phytochemistry, 2008, 69, 2708-2715.	2.9	55
30	Heliespirone A. The first member of a novel family of bioactive sesquiterpenes. Tetrahedron Letters, 1998, 39, 427-430.	1.4	54
31	Dehydrozaluzanin C: a potent plant growth regulator with potential use as a natural herbicide template. Phytochemistry, 2000, 54, 165-171.	2.9	53
32	Evidence for an Allelopathic Interaction Between Rye and Wild Oats. Journal of Agricultural and Food Chemistry, 2014, 62, 9450-9457.	5.2	52
33	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
34	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
35	Soy isoflavones and their relationship with microflora: beneficial effects on human health in equol producers. Phytochemistry Reviews, 2013, 12, 979-1000.	6.5	47
36	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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37	Trends in the Synthesis and Functionalization of Guaianolides. European Journal of Organic Chemistry, 2015, 2015, 2093-2110.	2.4	46
38	Synthesis of heliannane skeletons. Facile preparation of (Â±)-heliannuol D. Tetrahedron, 2003, 59, 1679-1683.	1.9	44
39	Phytotoxins from Tithonia diversifolia. Journal of Natural Products, 2015, 78, 1083-1092.	3.0	44
40	Bioactive apocarotenoids annuionones F and G: structural revision of annuionones A, B and E. Phytochemistry, 2004, 65, 3057-3063.	2.9	42
41	Optimization of Benzoxazinones as Natural Herbicide Models by Lipophilicity Enhancement. Journal of Agricultural and Food Chemistry, 2006, 54, 9357-9365.	5.2	42
42	Title is missing!. Journal of Chemical Ecology, 2000, 26, 2173-2186.	1.8	41
43	Sesquiterpene Lactones as Allelochemicals. Journal of Natural Products, 2006, 69, 795-800.	3.0	40
44	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
45	The extraction procedure improves the allelopathic activity of cardoon (Cynara cardunculus var.) Tj ETQq1 1 0.784314 rgBT /Overlock	5.2	32
46	Phytotoxic effect of bioactive compounds isolated from Myrcia tomentosa (Myrtaceae) leaves. Biochemical Systematics and Ecology, 2013, 46, 29-35.	1.3	31
47	Helikauranoside A, a New Bioactive Diterpene. Journal of Chemical Ecology, 2008, 34, 65-69.	1.8	30
48	Anthratectone and Naphthotectone, Two Quinones from Bioactive Extracts of Tectona grandis. Journal of Chemical Ecology, 2011, 37, 1341-1348.	1.8	30
49	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
50	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
51	Ecological phytochemistry of Cerrado (Brazilian savanna) plants. Phytochemistry Reviews, 2013, 12, 839-855.	6.5	28
52	Allelopathy of Bracken Fern (Pteridium arachnoideum): New Evidence from Green Fronds, Litter, and Soil. PLoS ONE, 2016, 11, e0161670.	2.5	28
53	New Herbicide Models from Benzoxazinones:Â Aromatic Ring Functionalization Effects. Journal of Agricultural and Food Chemistry, 2006, 54, 9843-9851.	5.2	26
54	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

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55	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
56	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
57	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
58	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
59	Tectonoelins, new norlignans from a bioactive extract of Tectona grandis. Phytochemistry Letters, 2012, 5, 382-386.	1.2	23
60	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
61	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
62	Studies on the Stereostructure of Eudesmanolides from Umbelliferae: Total Synthesis of (+)-Decipienin A. Tetrahedron, 2000, 56, 3409-3414.	1.9	22
63	Phthalimideâ€derived strigolactone mimics as germinating agents for seeds of parasitic weeds. Pest Management Science, 2016, 72, 2069-2081.	3.4	21
64	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
65	First synthesis of two naturally occurring oxetane lactones: clementein and clementein b. Tetrahedron, 1993, 49, 2499-2508.	1.9	20
66	A stereoselective route towards heliannuol A. Tetrahedron, 2008, 64, 5502-5508.	1.9	20
67	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
68	Allelochemicals from sunflowers: chemistry, bioactivity and applications. , 2002, , 73-87.		19
69	11,16 Oxetane lactones. Spectroscopic evidences and conformational analysis. Tetrahedron, 2006, 62, 7747-7755.	1.9	19
70	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
71	Study of photochemical addition of acyl radical to electron-deficient olefins. Tetrahedron, 1992, 48, 3345-3352.	1.9	18
72	Combined Strategy for Phytotoxicity Enhancement of Benzoxazinones. Journal of Agricultural and Food Chemistry, 2010, 58, 2047-2053.	5.2	18

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73	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
74	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
75	Studies on the stereostructure of eudesmanolides from Umbelliferae: synthesis of 11Î²-angeloyloxy-Î±-santonin. Tetrahedron, 1994, 50, 5439-5450.	1.9	17
76	First total synthesis of (Â±)-helibisabonol A. Tetrahedron Letters, 2002, 43, 6417-6420.	1.4	17
77	A Study on the Phytotoxic Potential of the Seasoning Herb Marjoram (Origanum majorana L.) Leaves. Molecules, 2021, 26, 3356.	3.8	17
78	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
79	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
80	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
81	Estudo fitoquÃmico de folhas de Solanum lycocarpum A. St.-Hil (Solanaceae) e sua aplicaÃ§Ã£o na alelopatia. Acta Botanica Brasilica, 2012, 26, 607-618.	0.8	15
82	Soil biodegradation of a benzoxazinone analog proposed as a natural products-based herbicide. Plant and Soil, 2015, 393, 207-214.	3.7	15
83	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
84	Potential allelopathic of the fractions obtained from sunflower leaves using supercritical carbon dioxide. Journal of Supercritical Fluids, 2011, 60, 28-37.	3.2	14
85	Guaianolides for Multipurpose Molecular Design. ACS Symposium Series, 2013, , 167-188.	0.5	14
86	Preparation and phytotoxicity study of lappalone from dehydrocostuslactone. Phytochemistry Letters, 2017, 20, 66-72.	1.2	14
87	Resistance modulatory and efflux-inhibitory activities of capsaicinoids and capsinoids. Bioorganic Chemistry, 2019, 82, 378-384.	4.1	14
88	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
89	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
90	Practical First Total Synthesis of the Potent Phytotoxic (Â±)â€Naphthotectone, Isolated from Tectona grandis. European Journal of Organic Chemistry, 2013, 2013, 6175-6180.	2.4	13

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91	Bioactivity and quantitative analysis of isohexenylnaphthazarins in root periderm of two Echium spp.: E.Âplantagineum and E.Âgaditanum. Phytochemistry, 2017, 141, 162-170.	2.9	13
92	(+)-epi-Epoformin, a Phytotoxic Fungal Cyclohexenepoxide: Structure Activity Relationships. Molecules, 2018, 23, 1529.	3.8	13
93	In Situ Eco Encapsulation of Bioactive Agrochemicals within Fully Organic Nanotubes. ACS Applied Materials & Interfaces, 2019, 11, 41925-41934.	8.0	13
94	Phytotoxicity Study of Ortho-Disubstituted Disulfides and Their Acyl Derivatives. ACS Omega, 2019, 4, 2362-2368.	3.5	13
95	Provitamin supramolecular polymer micelle with pH responsiveness to control release, bioavailability enhancement and potentiation of cytotoxic efficacy. Colloids and Surfaces B: Biointerfaces, 2019, 173, 85-93.	5.0	13
96	Phytochemical Study of Safflower Roots (Carthamus tinctorius) on the Induction of Parasitic Plant Germination and Weed Control. Journal of Chemical Ecology, 2020, 46, 871-880.	1.8	13
97	Synthesis of Active Strigolactone Analogues Based on Eudesmane- and Guaiane-Type Sesquiterpene Lactones. Journal of Agricultural and Food Chemistry, 2020, 68, 9636-9645.	5.2	13
98	Chemical evidence for the effect of Urochloa ruziziensis on glyphosateâ€resistant soybeans. Pest Management Science, 2017, 73, 2071-2078.	3.4	13
99	Phytotoxic Potential of Onopordum acanthium L. (Asteraceae). Chemistry and Biodiversity, 2014, 11, 1247-1255.	2.1	12
100	Helikaurolides Aâ€“D with a Diterpene-Sesquiterpene Skeleton from Supercritical Fluid Extracts of Helianthus annuus L. var. Arianna. Organic Letters, 2015, 17, 4730-4733.	4.6	12
101	Gibberellic and kaurenoic hybrid strigolactone mimics for seed germination of parasitic weeds. Pest Management Science, 2017, 73, 2529-2537.	3.4	12
102	A Novel Electron Microscopic Characterization of Core/Shell Nanobiostimulator Against Parasitic Plants. ACS Applied Materials & Interfaces, 2018, 10, 2354-2359.	8.0	12
103	Facile synthesis of anhydrojudaicin and 11,13-dehydroanhydrojudaicin, two eudesmanolide-skeleton lactones with potential allelopathic activity. Phytochemistry Letters, 2019, 31, 229-236.	1.2	11
104	Structureâ€activity relationship studies on naphthoquinone analogs. The search for new herbicides based on natural products. Pest Management Science, 2019, 75, 2517-2529.	3.4	11
105	Bio-Guided Isolation of Acetogenins from Annona cherimola Deciduous Leaves: Production of Nanocarriers to Boost the Bioavailability Properties. Molecules, 2020, 25, 4861.	3.8	11
106	Allelopathic Activity of Strigolactones on the Germination of Parasitic Plants and Arbuscular Mycorrhizal Fungi Growth. Agronomy, 2021, 11, 2174.	3.0	11
107	Aneugenic effects of benzoxazinones in cultured human cells. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2010, 695, 81-86.	1.7	10
108	Evaluation of the Allelopathic Potential of Leaf, Stem, and Root Extracts of Ocotea pulchella<scp>Nees et Mart</scp>. Chemistry and Biodiversity, 2016, 13, 1058-1067.	2.1	10

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109	Allelopathic activity of Thapsia garganica L. leaves on lettuce and weeds, and identification of the active principles. South African Journal of Botany, 2020, 131, 188-194.	2.5	10
110	Allelopathy: The Chemical Language of Plants. Progress in the Chemistry of Organic Natural Products, 2020, 112, 1-84.	1.1	10
111	Helivypolide G. A novel dimeric bioactive sesquiterpene lactone. Tetrahedron Letters, 2004, 45, 6567-6570.	1.4	9
112	Aromaticâ€ringâ€functionalised benzoxazinones in the system Oryza sativaâ€“Echinochloa crusâ€galli as biorational herbicide models. Pest Management Science, 2009, 65, 1104-1113.	3.4	9
113	Synthesis of Bioactive Speciosins G and P fromHexagonia speciosa. Journal of Natural Products, 2014, 77, 2029-2036.	3.0	9
114	Exudados de la raiz y su relevancia actual en las interacciones alelopaticas. Quimica Nova, 2009, 32, 198-213.	0.3	8
115	Phytotoxic studies of naphthoquinone intermediates from the synthesis of the natural product Naphthotectone. Research on Chemical Intermediates, 2017, 43, 4387-4400.	2.7	8
116	Synthesis and antimicrobial activity of some benzoxazinoids derivatives of 2-nitrophenol and 3-hydroxy-2-nitropyridine. Synthetic Communications, 2019, 49, 286-296.	2.1	8
117	Pharmacological Activities of Aminophenoxazinones. Molecules, 2021, 26, 3453.	3.8	8
118	Modified Benzoxazinones in the System Oryza sativaâ^'Echinochloa crus-galli: An Approach to the Development of Biorational Herbicide Models. Journal of Agricultural and Food Chemistry, 2008, 56, 9941-9948.	5.2	7
119	Biotransformation of ethyl 2-(2â€²-nitrophenoxy)acetate to benzohydroxamic acid (D-DIBOA) by Escherichia coli. Process Biochemistry, 2011, 46, 358-364.	3.7	7
120	Allelopathic Potential of Rapanea umbellata Leaf Extracts. Chemistry and Biodiversity, 2013, 10, 1539-1548.	2.1	7
121	Hydrolysable Tannins and Biological Activities of Meriania hernandoi and Meriania nobilis (Melastomataceae). Molecules, 2019, 24, 746.	3.8	7
122	Acyl Derivatives of Eudesmanolides To Boost their Bioactivity: An Explanation of Behavior in the Cell Membrane Using a Molecular Dynamics Approach. ChemMedChem, 2021, 16, 1297-1307.	3.2	7
123	Encapsulation of Cynara Cardunculus Guaiane-type Lactones in Fully Organic Nanotubes Enhances Their Phytotoxic Properties. Journal of Agricultural and Food Chemistry, 2022, 70, 3644-3653.	5.2	7
124	Metabolites fromWithania aristatawith Potential Phytotoxic Activity. Natural Product Communications, 2010, 5, 1934578X1000500.	0.5	6
125	Sunflower Metabolites Involved in Resistance Mechanisms against Broomrape. Agronomy, 2021, 11, 501.	3.0	6
126	Synthesis of Pertyolides A, B, and C: A Synthetic Procedure to C17-Sesquiterpenoids and a Study of Their Phytotoxic Activity. Journal of Natural Products, 2021, 84, 2295-2302.	3.0	6

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127	Phytotoxicity of Triterpenes and Limonoids from the Rutaceae and Meliaceae. 5Î±,6Î²,8Î±,12Î±-Tetrahydro-28-norisotoonafolin â€“ a Potent Phytotoxin from Toona ciliata. Natural Product Communications, 2015, 10, 1934578X1501000.	0.5	5
128	Enantioselective Total Syntheses of (R)â€•and (S)â€Naphthotectone, and Stereochemical Assignment of the Natural Product. European Journal of Organic Chemistry, 2016, 2016, 1599-1605.	2.4	5
129	Evaluation of the Phytotoxicity of Urochloa humidicola Roots by Bioassays and Microscopic Analysis. Characterization of New Compounds. Journal of Agricultural and Food Chemistry, 2020, 68, 4851-4864.	5.2	5
130	Metabolites from Withania aristata with potential phytotoxic activity. Natural Product Communications, 2010, 5, 1043-7.	0.5	5
131	Sesquiterpenes as Immunosuppressants. Transplantation, 2009, 88, S24-S30.	1.0	4
132	Multifunctionalised benzoxazinones in the systems Oryza sativa-Echinochloa crus-galli and Triticum aestivum-Avena fatua as natural-product-based herbicide leads. Pest Management Science, 2010, 66, 1137-1147.	3.4	4
133	Qualitative Study on the Production of the Allelochemicals Benzoxazinones by Inducing Polyploidy in Gramineae with Colchicine. Journal of Agricultural and Food Chemistry, 2018, 66, 3666-3674.	5.2	4
134	Preparation and Phytotoxicity Evaluation of 11,13-Dehydro seco-Guaianolides. Journal of Natural Products, 2019, 82, 2501-2508.	3.0	4
135	Synthesis of Vlasouliolides: A Pathway toward Guaianeâ€“Eudesmane C₁₇/C₁₅ Dimers by Photochemical and Michael Additions. Journal of Organic Chemistry, 2020, 85, 7322-7332.	3.2	4
136	Absorption and Elimination of the Allelochemical MBOA by Weeds during Seedling Growth. Agronomy, 2021, 11, 471.	3.0	4
137	Melampolides and cis,cis-germacranolides from Lecocarpus lecocarpoides. Phytochemistry, 1992, 32, 127-131.	2.9	3
138	Sesquiterpenes in Fresh Food. , 2021, , 477-542.		3
139	SAR studies of epoxycurcuphenol derivatives on leukemia CT-CD4 cells. Bioorganic and Medicinal Chemistry, 2012, 20, 6662-6668.	3.0	2
140	Synthesis of (Â±)-3,4-dimethoxybenzyl-4-methyloctanoate as a novel internal standard for capsinoid determination by HPLC-ESI-MS/MS(QTOF). Open Chemistry, 2018, 16, 87-94.	1.9	2
141	Search of New Tools for Weed Control Using Piptocarpha rotundifolia, a Dominant Species in the Cerrado. Journal of Agricultural and Food Chemistry, 2021, 69, 8684-8694.	5.2	2
142	Evaluation of the phytotoxic and antifungal activity of <scp>C₁₇</scp>â€sesquiterpenoids as potential biopesticides. Pest Management Science, 2022, 78, 4240-4251.	3.4	2
143	Study by NMR of Liquid-Phase Alkylation of Toluene with Hex-1-ene: Effect of Catalyst on Selectivity. Petroleum Chemistry, 2020, 60, 810-817.	1.4	1
144	Selective Ring Opening of Ethylbenzene on Bifunctional Catalyst Ptâ€“Ir over Hierarchical USY Zeolite. Petroleum Chemistry, 2020, 60, 104-112.	1.4	1

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145	Toxicity and Anti-promastigote Activity of Benzoxazinoid Analogs Against Leishmania (Viannia) braziliensis and Leishmania (Leishmania) infantum. Advanced Pharmaceutical Bulletin, 2020, 10, 119-124.	1.4	1
146	Bioactive Diterpenes from the Brazilian Native Plant (Moquiniastrum pulchrum) and Their Application in Weed Control. Molecules, 2021, 26, 4632.	3.8	1
147	Structure-activity relationship study of diterpenes for treatment of Alzheimerâ€™s disease. Quimica Nova, 0, , .	0.3	1
148	Quantification of Strigolactones. Methods in Molecular Biology, 2020, 2083, 199-208.	0.9	1
149	Sesquiterpenes in Fresh Food. , 2020, , 1-66.		1
150	Preface: special issue Biocom12. Phytochemistry Reviews, 2013, 12, 579-580.	6.5	0