Marco Masi

List of Publications by Year
in descending order

176 papers	3,124 citations	172457 29 h-index	315739 38 g-index
184 all docs	184 docs citations	184 times ranked	2697 citing authors

#	Article	IF	Citations
1	Fungal phytotoxins with potential herbicidal activity: chemical and biological characterization. Natural Product Reports, 2015, 32, 1629-1653.	10.3	141
2	Amaryllidaceae alkaloids: Absolute configuration and biological activity. Chirality, 2017, 29, 486-499.	2.6	56
3	Effect of pH and TPP concentration on chemico-physical properties, release kinetics and antifungal activity of Chitosan-TPP-Ungeremine microbeads. Carbohydrate Polymers, 2018, 195, 631-641.	10.2	55
4	Bioactive Metabolites from Pathogenic and Endophytic Fungi of Forest Trees. Current Medicinal Chemistry, 2018, 25, 208-252.	2.4	53
5	Advances on Fungal Phytotoxins and Their Role in Grapevine Trunk Diseases. Journal of Agricultural and Food Chemistry, 2018, 66, 5948-5958.	5.2	52
6	Application of Mosherâ€™s method for absolute configuration assignment to bioactive plants and fungi metabolites. Journal of Pharmaceutical and Biomedical Analysis, 2017, 144, 59-89.	2.8	45
7	Insights on the susceptibility of plant pathogenic fungi to phenazine-1-carboxylic acid and its chemical derivatives. Natural Product Research, 2013, 27, 956-966.	1.8	44
8	Chemistry and biology of ophiobolin A and its congeners. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 859-869.	2.2	42
9	The fungal phytotoxin lasiojasmonate A activates the plant jasmonic acid pathway. Journal of Experimental Botany, 2018, 69, 3095-3102.	4.8	41
10	In Vitro Antibacterial Activity of Sphaeropsidins and Chemical Derivatives toward Xanthomonas oryzae pv. oryzae, the Causal Agent of Rice Bacterial Blight. Journal of Natural Products, 2011, 74, 2520-2525.	3.0	39
11	Colletochlorins E and F, New Phytotoxic Tetrasubstituted Pyran-2-one and Dihydrobenzofuran, Isolated from Colletotrichum higginsianum with Potential Herbicidal Activity. Journal of Agricultural and Food Chemistry, 2017, 65, 1124-1130.	5.2	39
12	Phytotoxic Lipophilic Metabolites Produced by Grapevine Strains of Lasiodiplodia Species in Brazil. Journal of Agricultural and Food Chemistry, 2017, 65, 1102-1107.	5.2	39
13	Fungal Bioactive Anthraquinones and Analogues. Toxins, 2020, 12, 714.	3.4	39
14	C1,C2-ether derivatives of the Amaryllidaceae alkaloid lycorine: Retention of activity of highly lipophilic analogues against cancer cells. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 923-927.	2.2	38
15	Higginsianins A and B, Two Diterpenoid Î±-Pyrones Produced by Colletotrichum higginsianum, with in Vitro Cytostatic Activity. Journal of Natural Products, 2016, 79, 116-125.	3.0	38
16	Phytotoxins produced by pathogenic fungi of agrarian plants. Phytochemistry Reviews, 2019, 18, 843-870.	6.5	38
17	Phytotoxins produced by Phoma chenopodiicola, a fungal pathogen of Chenopodium album. Phytochemistry, 2015, 117, 482-488.	2.9	37
18	7â€hydroxytropolone is the main metabolite responsible for the fungal antagonism of Pseudomonas donghuensis strain SVBP6. Environmental Microbiology, 2020, 22, 2550-2563.	3.8	37

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19	Fungal metabolite ophiobolin A as a promising anti-glioma agent: In vivo evaluation, structureâ€“activity relationship and unique pyrrolylation of primary amines. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4544-4548.	2.2	36
20	Pimarane diterpenes: Natural source, stereochemical configuration, and biological activity. Chirality, 2018, 30, 1115-1134.	2.6	36
21	Funiculosone, a substituted dihydroxanthene-1,9-dione with two of its analogues produced by an endolichenic fungus Talaromyces funiculosus and their antimicrobial activity. Phytochemistry, 2019, 157, 175-183.	2.9	36
22	Fischerindoline, a pyrroloindole sesquiterpenoid isolated from Neosartorya pseudofischeri, with inÂvitro growth inhibitory activity inÂhuman cancer cell lines. Tetrahedron, 2013, 69, 7466-7470.	1.9	34
23	Bioactive Secondary Metabolites Produced by the Oak PathogenDiplodia corticola. Journal of Agricultural and Food Chemistry, 2016, 64, 217-225.	5.2	33
24	Importance and Difficulties in the Use of Chiroptical Methods to Assign the Absolute Configuration of Natural Products: The Case of Phytotoxic Pyrones and Furanones Produced by Diplodia corticola. Journal of Natural Products, 2017, 80, 2406-2415.	3.0	33
25	Chemico-physical and antifungal properties of poly(butylene succinate)/cavoxin blend: Study of a novel bioactive polymeric based system. European Polymer Journal, 2017, 94, 230-247.	5.4	33
26	Melleinsâ€"Intriguing Natural Compounds. Biomolecules, 2020, 10, 772.	4.0	33
27	Plant Growth Promotion Function of Bacillus sp. Strains Isolated from Salt-Pan Rhizosphere and Their Biocontrol Potential against Macrophomina phaseolina. International Journal of Molecular Sciences, 2021, 22, 3324.	4.1	33
28	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
29	Sarniensine, a mesembrine-type alkaloid isolated from Nerine sarniensis, an indigenous South African Amaryllidaceae, with larvicidal and adulticidal activities against Aedes aegypti. FÃ¬toterapÃ¬Ã¢, 2017, 116, 34-38.	2.2	32
30	Thermoplastic starch and bioactive chitosan sub-microparticle biocomposites: Antifungal and chemico-physical properties of the films. Carbohydrate Polymers, 2020, 230, 115627.	10.2	32
31	Phytotoxic metabolites by nine species of Botryosphaeriaceae involved in grapevine dieback in Australia and identification of those produced by Diplodia mutila, Diplodia seriata, Neofusicoccum australe and Neofusicoccum luteum. Natural Product Research, 2019, 33, 2223-2229.	1.8	30
32	Antimicrobial secondary metabolites of an endolichenic Aspergillus niger isolated from lichen thallus of Parmotrema ravum. Natural Product Research, 2020, 34, 2573-2580.	1.8	30
33	Afritoxinones A and B, dihydrofuropyran-2-ones produced by Diplodia africana the causal agent of branch dieback on Juniperus phoenicea. Phytochemistry, 2012, 77, 245-250.	2.9	29
34	Pyrenophoric Acid, a Phytotoxic Sesquiterpenoid Penta-2,4-dienoic Acid Produced by a Potential Mycoherbicide, Pyrenophora semeniperda. Journal of Natural Products, 2014, 77, 925-930.	3.0	29
35	Spirostaphylotrichin W, a spirocyclic Î³-lactam isolated from liquid culture of Pyrenophora semeniperda, a potential mycoherbicide for cheatgrass (Bromus tectorum) biocontrol. Tetrahedron, 2014, 70, 1497-1501.	1.9	29
36	Induction of Haustorium Development by Sphaeropsidones in Radicles of the Parasitic Weeds Striga and Orobanche. A Structureâ€"Activity Relationship Study. Journal of Agricultural and Food Chemistry, 2016, 64, 5188-5196.	5.2	29

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37	Unbiased Determination of Absolute Configurations by vis-Ã-vis Comparison of Experimental and Simulated Spectra: The Challenging Case of Diplopyrone. Journal of Physical Chemistry B, 2019, 123, 9230-9237.	2.6	29
38	A survey of bacterial, fungal and plant metabolites against Aedes aegypti (Diptera: Culicidae), the vector of yellow and dengue fevers and Zika virus. Open Chemistry, 2017, 15, 156-166.	1.9	28
39	Gigantelline, gigantellinine and gigancrinine, cherylline- and crinine-type alkaloids isolated from Crinum jagus with anti-acetylcholinesterase activity. Phytochemistry, 2020, 175, 112390.	2.9	28
40	ADMET profile and virtual screening of plant and microbial natural metabolites as SARS-CoV-2 S1 glycoprotein receptor binding domain and main protease inhibitors. European Journal of Pharmacology, 2021, 890, 173648.	3.5	28
41	Isolation and Characterization of an Endophytic Fungus Colletotrichum coccodes Producing Tyrosol From Houttuynia cordata Thunb. Using ITS2 RNA Secondary Structure and Molecular Docking Study. Frontiers in Bioengineering and Biotechnology, 2021, 9, 650247.	4.1	28
42	Evaluation of in vitro anticancer activity of sphaeropsidins Aâ€"C, fungal rearranged pimarane diterpenes, and semisynthetic derivatives. Phytochemistry Letters, 2012, 5, 770-775.	1.2	27
43	Anti-Biofilm Activity of the Fungal Phytotoxin Sphaeropsidin A against Clinical Isolates of Antibiotic-Resistant Bacteria. Toxins, 2020, 12, 444.	3.4	27
44	Pyrenophoric Acids B and C, Two New Phytotoxic Sesquiterpenoids Produced byPyrenophora semeniperda. Journal of Agricultural and Food Chemistry, 2014, 62, 10304-10311.	5.2	26
45	Further secondary metabolites produced by Diplodia corticola, a fungal pathogen involved in cork oak decline. Tetrahedron, 2016, 72, 6788-6793.	1.9	26
46	Fungal Metabolites Antagonists towards Plant Pests and Human Pathogens: Structure-Activity Relationship Studies. Molecules, 2018, 23, 834.	3.8	26
47	Radicinin, a Fungal Phytotoxin as a Target-Specific Bioherbicide for Invasive Buffelgrass (Cenchrus) Tj ETQq1 1 0.784314 rgBT /Overlock	3.8	26
48	Effect of strain and cultural conditions on the production of cytochalasin B by the potential mycoherbicidePyrenophora semeniperda(Pleosporaceae, Pleosporales). Biocontrol Science and Technology, 2014, 24, 53-64.	1.3	25
49	Glanduliferins A and B, two new glucosylated steroids from Impatiens glandulifera, with in vitro growth inhibitory activity in human cancer cells. FÃ¬toterapÃ¬Ã¢, 2016, 109, 138-145.	2.2	25
50	Absolute configuration assignment to anticancer Amaryllidaceae alkaloid jonquailine. FÃ¬toterapÃ¬Ã¢, 2018, 129, 78-84.	2.2	25
51	Alkaloids isolated from Haemanthus humilis Jacq., an indigenous South African Amaryllidaceae: Anticancer activity of coccinine and montanine. South African Journal of Botany, 2019, 126, 277-281.	2.5	25
52	Encapsulation of inuloxin A, a plant germacrane sesquiterpene with potential herbicidal activity, in Î²-cyclodextrins. Organic and Biomolecular Chemistry, 2019, 17, 2508-2515.	2.8	25
53	Sphaeropsidones, Phytotoxic Dimedone Methyl Ethers Produced by Diplodia cupressi: A Structureâ"Activity Relationship Study. Journal of Natural Products, 2011, 74, 757-763.	3.0	24
54	Cochliotoxin, a Dihydropyranopyran-4,5-dione, and Its Analogues Produced byCochliobolus australiensisDisplay Phytotoxic Activity against Buffelgrass (Cenchrus ciliaris). Journal of Natural Products, 2017, 80, 1241-1247.	3.0	24

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55	Chloromonilinic Acids C and D, Phytotoxic Tetrasubstituted 3-Chromanonacrylic Acids Isolated from Cochliobolus australiensis with Potential Herbicidal Activity against Buffelgrass (Cenchrus) Tj ETQq1 1 0.784314 rgBT /Overlo	3.4	23
56	Jonquailine, a new pretazettine-type alkaloid isolated from Narcissus jonquilla quail, with activity against drug-resistant cancer. FÃ¬toterapÃ¬Ã¢, 2015, 102, 41-48.	2.2	23
57	Antimould microbial and plant metabolites with potential use in intelligent food packaging. Natural Product Research, 2018, 32, 1605-1610.	1.8	21
58	Amaryllidaceae Alkaloid Cherylline Inhibits the Replication of Dengue and Zika Viruses. Antimicrobial Agents and Chemotherapy, 2021, 65, e0039821.	3.2	21
59	Phytotoxic Metabolites Produced by Diaporthella cryptica, the Causal Agent of Hazelnut Branch Canker. Journal of Agricultural and Food Chemistry, 2018, 66, 3435-3442.	5.2	20
60	Lentiquinones A, B, and C, Phytotoxic Anthraquinone Derivatives Isolated from Ascochyta lentis, a Pathogen of Lentil. Journal of Natural Products, 2018, 81, 2700-2709.	3.0	20
61	Antifeedant activity of long-chain alcohols, and fungal and plant metabolites against pea aphid (Acyrthosiphon pisum) as potential biocontrol strategy. Natural Product Research, 2019, 33, 2471-2479.	1.8	20
62	Phytotoxic Metabolites Isolated from Neufusicoccum batangarum, the Causal Agent of the Scabby Canker of Cactus Pear (Opuntia ficus-indica L.). Toxins, 2020, 12, 126.	3.4	20
63	Synthetic analogues of the montanine-type alkaloids with activity against apoptosis-resistant cancer cells. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 589-593.	2.2	19
64	Have lichenized fungi delivered promising anticancer small molecules?. Phytochemistry Reviews, 2019, 18, 1-36.	6.5	19
65	Inhibition of early development stages of rust fungi by the two fungal metabolites cyclopaldic acid and epiâ€epoformin. Pest Management Science, 2017, 73, 1161-1168.	3.4	18
66	Absolute Configuration Assignment to Chiral Natural Products by Biphenyl Chiroptical Probes: The Case of the Phytotoxins Colletochlorin A and Agropyrenol. Journal of Natural Products, 2020, 83, 1061-1068.	3.0	18
67	Î±-costic acid, a plant sesquiterpenoid from Dittrichia viscosa, as modifier of Poly (lactic acid) properties: a novel exploitation of the autochthone biomass metabolite for a wholly biodegradable system. Industrial Crops and Products, 2020, 146, 112134.	5.2	18
68	Pyriculins A and B, two monosubstituted hexâ€4â€eneâ€2,3â€diols and other phytotoxic metabolites produced by Pyricularia grisea isolated from buffelgrass (<scp>Cenchrus ciliaris</scp>). Chirality, 2017, 29, 726-736.	2.6	17
69	Rabenchromenone and Rabenzophenone, Phytotoxic Tetrasubstituted Chromenone and Hexasubstituted Benzophenone Constituents Produced by the Oak-Decline-Associated Fungus Fimetariella rabenhorstii. Journal of Natural Products, 2020, 83, 447-452.	3.0	17
70	Allelopathic Effect of Quercetin, a Flavonoid from Fagopyrum esculentum Roots in the Radicle Growth of Phelipanche ramosa: Quercetin Natural and Semisynthetic Analogues Were Used for a Structure-Activity Relationship Investigation. Plants, 2021, 10, 543.	3.5	17
71	Phytotoxic Activity of Metabolites Isolated from Rutstroemia sp.n., the Causal Agent of Bleach Blonde Syndrome on Cheatgrass (Bromus tectorum). Molecules, 2018, 23, 1734.	3.8	16
72	Evaluation of Mugwort (Artemisia vulgaris L.) Aqueous Extract as a Potential Bioherbicide to Control Amaranthus retroflexus L. in Maize. Agriculture (Switzerland), 2020, 10, 642.	3.1	16

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73	Phytotoxic Metabolites from Three Neofusicoccum Species Causal Agents of Botryosphaeria Dieback in Australia, Luteopyroxin, Neoanthraquinone, and Luteoxepinone, a Disubstituted Furo-Î±-pyrone, a Hexasubstituted Anthraquinone, and a Trisubstituted Oxepi-2-one from Neofusicoccum luteum. Journal of Natural Products, 2020, 83, 453-460.	3.0	16
74	The main phytotoxic metabolite produced by a strain of Fusarium oxysporum inducing grapevine plant declining in Italy. Natural Product Research, 2018, 32, 2398-2407.	1.8	15
75	Phytotoxic metabolites produced by Diaporthe eres involved in cane blight of grapevine in Italy. Natural Product Research, 2021, 35, 2872-2880.	1.8	15
76	Higginsianins A and B, two fungal diterpenoid Î±-pyrones with cytotoxic activity against human cancer cells. Toxicology in Vitro, 2019, 61, 104614.	2.4	15
77	Pharmacophore-Directed Retrosynthesis Applied to Ophiobolin A: Simplified Bicyclic Derivatives Displaying Anticancer Activity. Organic Letters, 2020, 22, 8307-8312.	4.6	15
78	Advances in the Chemical and Biological Characterization of Amaryllidaceae Alkaloids and Natural Analogues Isolated in the Last Decade. Molecules, 2020, 25, 5621.	3.8	15
79	Stoechanones A and B, Phytotoxic Copaane Sesquiterpenoids Isolated from Lavandula stoechas with Potential Herbicidal Activity against Amaranthus retroflexus. Journal of Natural Products, 2020, 83, 1658-1665.	3.0	15
80	The incorporation and release of ungeremine, an antifungal Amaryllidaceae alkaloid, in poly(lactic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.6	15
81	Phaseocyclopentenones A and B, Phytotoxic Penta- and Tetrasubstituted Cyclopentenones Produced by Macrophomina phaseolina, the Causal Agent of Charcoal Rot of Soybean in Argentina. Journal of Natural Products, 2021, 84, 459-465.	3.0	15
82	Fusaproliferin, Terpestacin and Their Derivatives Display Variable Allelopathic Activity Against Some Ascomycetous Fungi. Chemistry and Biodiversity, 2016, 13, 1593-1600.	2.1	14
83	Colletopyrandione, a new phytotoxic tetrasubstituted indolylidenepyra n -2,4-dione, and colletochlorins G and H, new tetrasubstituted chroman- and isochroman-3,5-diols isolated from Colletotrichum higginsianum. Tetrahedron, 2017, 73, 6644-6650.	1.9	14
84	Lathyroxins A and B, Phytotoxic Monosubstituted Phenols Isolated from Ascochyta lentis var. lathyri, a Fungal Pathogen of Grass Pea (Lathyrus sativus). Journal of Natural Products, 2018, 81, 1093-1097.	3.0	14
85	Spencertoxin and spencer acid, new phytotoxic derivatives of diacrylic acid and dipyridinbutan-1,4-diol produced by Spencermartinsia viticola, a causal agent of grapevine Botryosphaeria dieback in Australia. Arabian Journal of Chemistry, 2020, 13, 1803-1808.	4.9	14
86	Î±-Costic acid, a plant sesquiterpene with acaricidal activity against Varroa destructor parasitizing the honey bee. Natural Product Research, 2021, 35, 1428-1435.	1.8	14
87	Pseudomonas fluorescens Showing Antifungal Activity against Macrophomina phaseolina, a Severe Pathogenic Fungus of Soybean, Produces Phenazine as the Main Active Metabolite. Biomolecules, 2021, 11, 1728.	4.0	14
88	Mycelial growth rate and toxin production in the seed pathogen Pyrenophora semeniperda: resource tradeâ€offs and temporally varying selection. Plant Pathology, 2015, 64, 1450-1460.	2.4	13
89	An ELISA method to identify the phytotoxic Pseudomonas syringae pv. actinidiae exopolysaccharides: A tool for rapid immunochemical detection of kiwifruit bacterial canker. Phytochemistry Letters, 2017, 19, 136-140.	1.2	13
90	Fraxitoxin, a New Isochromanone Isolated from Diplodia fraxini. Chemistry and Biodiversity, 2017, 14, e1700325.	2.1	13

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91	On the metabolites produced by Colletotrichum gloeosporioides a fungus proposed for the Ambrosia artemisiifolia biocontrol; spectroscopic data and absolute configuration assignment of colletochlorin A. Natural Product Research, 2018, 32, 1537-1547.	1.8	13
92	(+)-epi-Epoformin, a Phytotoxic Fungal Cyclohexenepoxide: Structure Activity Relationships. Molecules, 2018, 23, 1529.	3.8	13
93	Phytotoxic Activity and Structureâ€"Activity Relationships of Radicinin Derivatives against the Invasive Weed Buffelgrass (Cenchrus ciliaris). Molecules, 2019, 24, 2793.	3.8	13
94	Assignment Through Chiroptical Methods of The Absolute Configuration of Fungal Dihydropyranpyran-4-5-Diones Phytotoxins, Potential Herbicides for Buffelgrass (Cenchrus ciliaris) Biocontrol. Molecules, 2019, 24, 3022.	3.8	13
95	First isolation of acetovanillone and piceol from Crinum buphanoides and Crinum graminicola (I.) Tj ETQq1 1 0.784314 rgBT /Overlock	2.5	12
96	Alkaloids isolated from indigenous South African Amaryllidaceae: Crinum buphanoides (Welw. ex) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 South African Journal of Botany, 2018, 118, 188-191.	2.5	12
97	Hyfraxinic Acid, a Phytotoxic Tetrasubstituted Octanoic Acid, Produced by the Ash (Fraxinus) Tj ETQq1 1 0.784314 rgBT /Overlock Analogues. Journal of Agricultural and Food Chemistry, 2019, 67, 13617-13623.	5.2	12
98	Synthesis and Herbicidal Activity Against Buffelgrass (Cenchrus ciliaris) of (Â±)-3-deoxyradicinin. Molecules, 2019, 24, 3193.	3.8	12
99	A comprehensive study on narcissus tazetta subsp. tazetta L.: Chemo-profiling, isolation, anticholinesterase activity and molecular docking of amaryllidaceae alkaloids. South African Journal of Botany, 2020, 130, 148-154.	2.5	12
100	Novel Topologically Complex Scaffold Derived from Alkaloid Haemanthamine. Molecules, 2018, 23, 255.	3.8	11
101	Isolation of 2,5-diketopiperazines from Lysobacter capsici AZ78 with activity against Rhodococcus fascians. Natural Product Research, 2021, 35, 4969-4977.	1.8	11
102	Secondary metabolites produced by Colletotrichum lupini, the causal agent of anthachnose of lupin (Lupinus spp.). Mycologia, 2020, 112, 533-542.	1.9	11
103	Chenopodolans E and F, two new furopyrans produced by Phoma chenopodiicola and absolute configuration determination of chenopodolan B. Tetrahedron, 2016, 72, 8502-8507.	1.9	10
104	Phytotoxic activity against Bromus tectorum for secondary metabolites of a seed-pathogenic Fusarium strain belonging to the F. tricinctum species complex. Natural Product Research, 2017, 31, 2768-2777.	1.8	10
105	Computed determination of the in vitro optimal chemocombinations of sphaeropsidin A with chemotherapeutic agents to combat melanomas. Cancer Chemotherapy and Pharmacology, 2017, 79, 971-983.	2.3	10
106	Diploquinones A and B, Two New Phytotoxic Tetrasubstituted 1,4-Naphthoquinones from Diplodia mutila, a Causal Agent of Grapevine Trunk Disease. Journal of Agricultural and Food Chemistry, 2018, 66, 11968-11973.	5.2	10
107	The Fungal Metabolite Eurochevalierine, a Sequiterpene Alkaloid, Displays Anti-Cancer Properties through Selective Sirtuin 1/2 Inhibition. Molecules, 2018, 23, 333.	3.8	10
108	Secondary metabolites produced by Sardiniella urbana, a new emerging pathogen on European hackberry. Natural Product Research, 2019, 33, 1862-1869.	1.8	10

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109	Effect of cultural conditions on the production of radicinin, a specific fungal phytotoxin for buffelgrass (Cenchrus ciliaris) biocontrol, by different Cochlioboulus australiensis strains. Natural Product Research, 2021, 35, 99-107.	1.8	10
110	Farnesane-Type Sesquiterpenoids with Antibiotic Activity from Chiliadenus lopadusanus. Antibiotics, 2021, 10, 148.	3.7	10
111	Impact of fungal and plant metabolites application on early development stages of pea powdery mildew. Pest Management Science, 2019, 75, 2464-2473.	3.4	9
112	Massarilactones D and H, phytotoxins produced by Kalmusia variispora, associated with grapevine trunk diseases (GTDs) in Iran. Natural Product Research, 2021, 35, 5192-5198.	1.8	9
113	Production of Phytotoxic Metabolites by Botryosphaeriaceae in Naturally Infected and Artificially Inoculated Grapevines. Plants, 2021, 10, 802.	3.5	9
114	Epithelial-mesenchymal transition sensitizes breast cancer cells to cell death via the fungus-derived sesterterpenoid ophiobolin A. Scientific Reports, 2021, 11, 10652.	3.3	9
115	Phytotoxins produced by Didymella glomerata and Truncatella angustata, associated with grapevine trunk diseases (GTDs) in Iran. Natural Product Research, 2022, 36, 4316-4323.	1.8	9
116	Cytotoxicity and Antiviral Properties of Alkaloids Isolated from Pancratium maritimum. Toxins, 2022, 14, 262.	3.4	9
117	Bacterial Lipodepsipeptides and Some of Their Derivatives and Cyclic Dipeptides as Potential Agents for Biocontrol of Pathogenic Bacteria and Fungi of Agrarian Plants. Journal of Agricultural and Food Chemistry, 2022, , .	5.2	9
118	Papyracillic acid and its derivatives as biting deterrents against Aedes aegypti (Diptera: Culicidae): structureâ€"activity relationships. Medicinal Chemistry Research, 2015, 24, 3981-3989.	2.4	8
119	Asymmetric synthesis and structure-activity studies of the fungal metabolites colletorin A, colletochlorin A and their halogenates analogues. Tetrahedron, 2018, 74, 3912-3923.	1.9	8
120	Drophiobiolins A and B, Bioactive Ophiobolan Sestertepenoids Produced by Dreschslera gigantea. Journal of Natural Products, 2020, 83, 3387-3396.	3.0	8
121	Phytotoxic metabolites from Stilbocrea macrostoma, a fungal pathogen of Quercus brantii in Iran. Natural Product Research, 2021, 35, 5857-5861.	1.8	8
122	Biodegradable polymers as carriers for tuning the release and improve the herbicidal effectiveness of Dittrichia viscosa plant organic extracts. Pest Management Science, 2021, 77, 646-658.	3.4	8
123	Bioactive secondary metabolites produced by the emerging pathogen Diplodia olivarum. Phytopathologia Mediterranea, 2021, 60, 129-138.	1.3	8
124	Sesquiterpene Lactones from Cotula cinerea with Antibiotic Activity against Clinical Isolates of Enterococcus faecalis. Antibiotics, 2021, 10, 819.	3.7	8
125	Isolation and Biological Characterization of Homoisoflavanoids and the Alkylamide N-p-Coumaroyltyramine from Crinum biflorum Rottb., an Amaryllidaceae Species Collected in Senegal. Biomolecules, 2021, 11, 1298.	4.0	8
126	Inhibition of Spore Germination and Appressorium Formation of Rust Species by Plant and Fungal Metabolites. Natural Product Communications, 2016, 11, 1343-1347.	0.5	8

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127	(4Z)-Lachnophyllum Lactone, an Acetylenic Furanone from Conyza bonariensis, Identified for the First Time with Allelopathic Activity against Cuscuta campestris. Agriculture (Switzerland), 2022, 12, 790.	3.1	8
128	Fungal Phytotoxins with Potential Herbicidal Activity to Control Chenopodium album. Natural Product Communications, 2015, 10, 1934578X1501000.	0.5	7
129	Crystal structure and absolute configuration of sphaeropsidin A and its 6-O-p-bromobenzoate. Tetrahedron Letters, 2016, 57, 4592-4594.	1.4	7
130	The fungal sesquiterpenoid pyrenophoric acid B uses the plant ABA biosynthetic pathway to inhibit seed germination. Journal of Experimental Botany, 2019, 70, 5487-5494.	4.8	7
131	Laboratory Evaluation of Natural and Synthetic Aromatic Compounds as Potential Attractants for Male Mediterranean fruit Fly, Ceratitis capitata. Molecules, 2019, 24, 2409.	3.8	7
132	Inuloxin E, a New Seco-Eudesmanolide Isolated from Dittrichia viscosa, Stimulating Orobanche cumana Seed Germination. Molecules, 2019, 24, 3479.	3.8	7
133	Further secondary metabolites produced by the fungus Pyricularia grisea isolated from buffelgrass (<scp>Cenchrus ciliaris</scp>). Chirality, 2020, 32, 1234-1242.	2.6	7
134	Luteoethanones A and B, two phytotoxic 1-substituted ethanones produced by Neofusicoccum luteum, a causal agent of Botryosphaeria dieback on grapevine. Natural Product Research, 2021, 35, 4542-4549.	1.8	7
135	Effects of Benzoquinones on Radicles of Orobanche and Phelipanche Species. Plants, 2021, 10, 746.	3.5	7
136	Sphaeropsidin A: A Pimarane Diterpene with Interesting Biological Activities and Promising Practical Applications. ChemBioChem, 2021, 22, 3263-3269.	2.6	7
137	Assessment of weed root extracts for allelopathic activity against Orobanche and Phelipanche species. Phytopathologia Mediterranea, 2021, 60, 455-466.	1.3	7
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